

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070337.D
 Acq On : 28 Dec 2021 20:27
 Operator : JC/MD
 Sample : VN1228WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 20:50:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1066396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1761206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1628957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	632256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	762371	49.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.440%		
35) Dibromofluoromethane	8.021	113	554691	52.053	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.100%		
50) Toluene-d8	10.441	98	2204117	50.633	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.731	95	750027	47.703	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	198697	16.430	ug/l	98
3) Chloromethane	2.303	50	267566	16.265	ug/l	98
4) Vinyl Chloride	2.448	62	240419	16.052	ug/l	98
5) Bromomethane	2.853	94	131975	17.072	ug/l	99
6) Chloroethane	3.019	64	138854	15.394	ug/l	96
7) Trichlorofluoromethane	3.376	101	280137	15.539	ug/l	98
8) Diethyl Ether	3.824	74	126420	15.907	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	176637	16.020	ug/l	96
10) Methyl Iodide	4.420	142	238611	15.990	ug/l	99
11) Tert butyl alcohol	5.382	59	225004	88.134	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	171872	15.825	ug/l	92
13) Acrolein	4.041	56	204586	98.764	ug/l	99
14) Allyl chloride	4.841	41	392330	15.933	ug/l	86
15) Acrylonitrile	5.559	53	698677	87.700	ug/l	99
16) Acetone	4.288	43	666999	67.013	ug/l	98
17) Carbon Disulfide	4.527	76	497646	16.786	ug/l	99
18) Methyl Acetate	4.859	43	492482	17.105	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	648329	16.074	ug/l	97
20) Methylene Chloride	5.095	84	221887	16.113	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	186521	16.220	ug/l	87
22) Diisopropyl ether	6.498	45	801548	16.712	ug/l #	95
23) Vinyl Acetate	6.436	43	3173511	85.283	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	405459	16.304	ug/l	98
25) 2-Butanone	7.340	43	1012548	80.794	ug/l	93
26) 2,2-Dichloropropane	7.327	77	287274	14.643	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	220093	16.040	ug/l	86
28) Bromochloromethane	7.657	49	221527	18.215	ug/l #	77
29) Tetrahydrofuran	7.689	42	676681	90.498	ug/l	87
30) Chloroform	7.820	83	392451	16.358	ug/l	98
31) Cyclohexane	8.096	56	396634	16.393	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	333443	16.484	ug/l	97
36) 1,1-Dichloropropene	8.223	75	282109	16.003	ug/l	97
37) Ethyl Acetate	7.415	43	402815	17.629	ug/l	95
38) Carbon Tetrachloride	8.209	117	282345	16.773	ug/l	99
39) Methylcyclohexane	9.462	83	332191	15.565	ug/l #	86
40) Benzene	8.461	78	892592	16.516	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	199493	17.455	ug/l	89
42) 1,2-Dichloroethane	8.531	62	326348	16.065	ug/l	98
43) Isopropyl Acetate	8.560	43	603240	16.745	ug/l #	95
44) Trichloroethene	9.218	130	201995	15.730	ug/l	92
45) 1,2-Dichloropropane	9.488	63	241678	16.609	ug/l	100
46) Dibromomethane	9.577	93	150060	16.585	ug/l	94
47) Bromodichloromethane	9.762	83	307721	17.128	ug/l	99
48) Methyl methacrylate	9.561	41	299630	17.437	ug/l #	81
49) 1,4-Dioxane	9.572	88	89056	354.043	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	2005400	88.589	ug/l	96
52) Toluene	10.505	92	542533	16.585	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	323157	16.615	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	351537	16.708	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	214464	16.570	ug/l	97
56) Ethyl methacrylate	10.762	69	349502	16.342	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	378004	16.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	440381	93.160	ug/l	90
59) 2-Hexanone	11.087	43	1498692	90.786	ug/l	92
60) Dibromochloromethane	11.237	129	225786	17.879	ug/l	100
61) 1,2-Dibromoethane	11.344	107	216196	16.451	ug/l	100
64) Tetrachloroethene	10.977	164	176365	14.951	ug/l	93
65) Chlorobenzene	11.771	112	554109	16.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	209145	16.950	ug/l	100
67) Ethyl Benzene	11.846	91	1018363	16.081	ug/l	97
68) m/p-Xylenes	11.953	106	747899	32.445	ug/l	94
69) o-Xylene	12.280	106	365682	15.949	ug/l	93
70) Styrene	12.294	104	587872	16.200	ug/l	96
71) Bromoform	12.457	173	170826	18.655	ug/l #	100
73) Isopropylbenzene	12.578	105	944709	16.090	ug/l	98
74) N-amyl acetate	12.388	43	401464	16.262	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	336878	16.608	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	327318m	19.265	ug/l	
77) Bromobenzene	12.860	156	218582	16.215	ug/l	77
78) n-propylbenzene	12.921	91	1057564	16.257	ug/l	96
79) 2-Chlorotoluene	13.007	91	662026	15.860	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	778808	16.552	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	91440	17.670	ug/l	97
82) 4-Chlorotoluene	13.106	91	628685	16.079	ug/l	92
83) tert-Butylbenzene	13.324	119	644771	15.563	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	765452	16.895	ug/l	98
85) sec-Butylbenzene	13.501	105	903179	16.057	ug/l	98
86) p-Isopropyltoluene	13.616	119	700178	15.847	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	357978	15.864	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	344912	15.495	ug/l	95
89) n-Butylbenzene	13.943	91	549790	14.918	ug/l	98
90) Hexachloroethane	14.209	117	147003	19.151	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	352619	15.940	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59944	17.624	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	152095	14.592	ug/l	99
94) Hexachlorobutadiene	15.370	225	104852	17.308	ug/l	99
95) Naphthalene	15.507	128	392086	14.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	148028	15.428	ug/l	98

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Instrument :
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ClientSampleId :
VN1228WBSD01

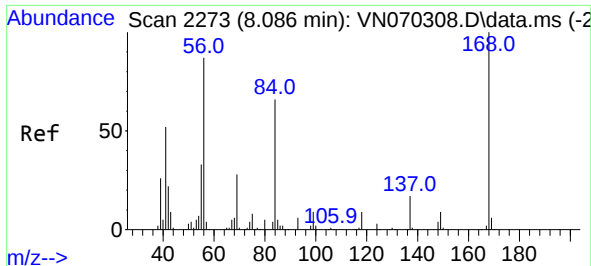
Manual Integrations
APPROVED

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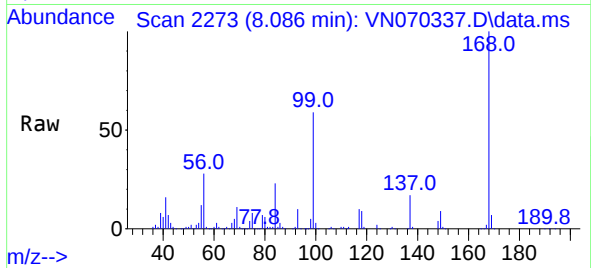
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070337.D
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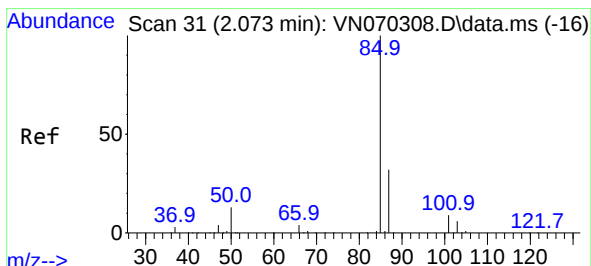
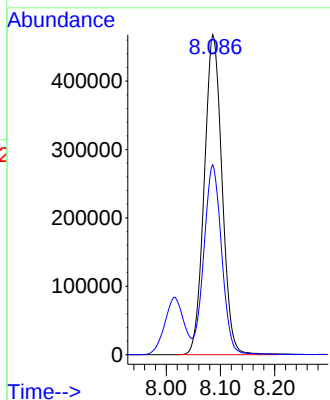
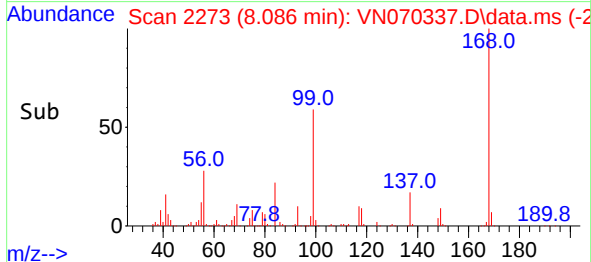
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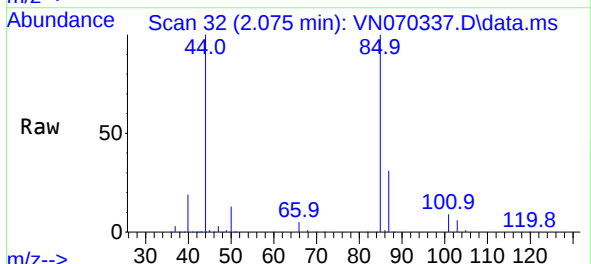
Tgt Ion:168 Resp: 1066390
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

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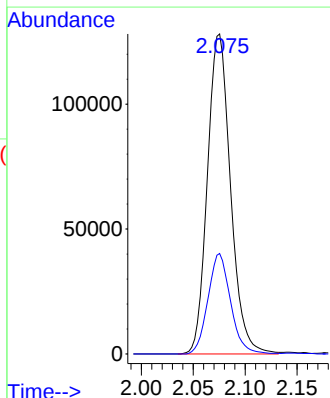
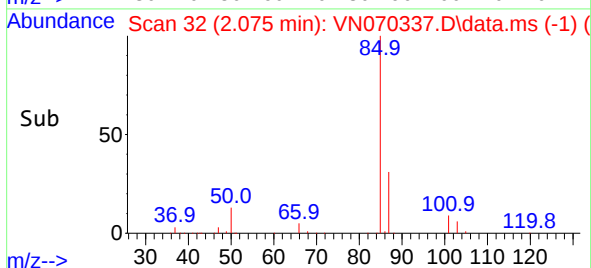
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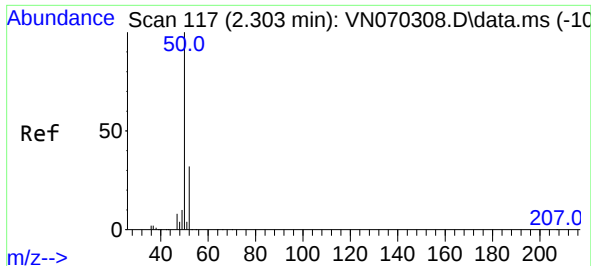


#2
Dichlorodifluoromethane
Concen: 16.430 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



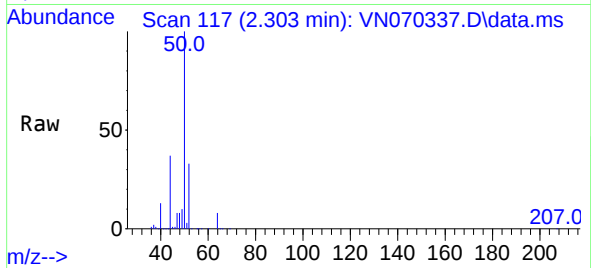
Tgt Ion: 85 Resp: 198697
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 16.265 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

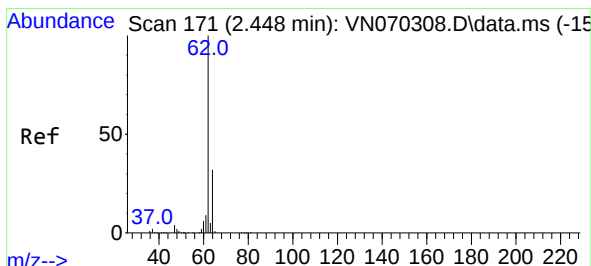
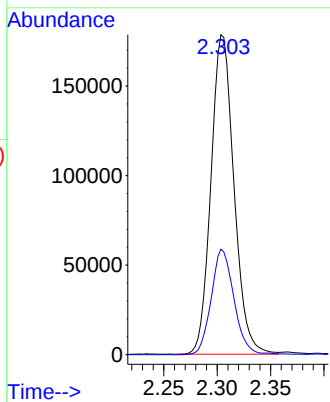
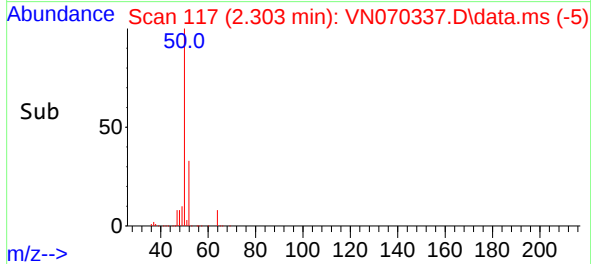
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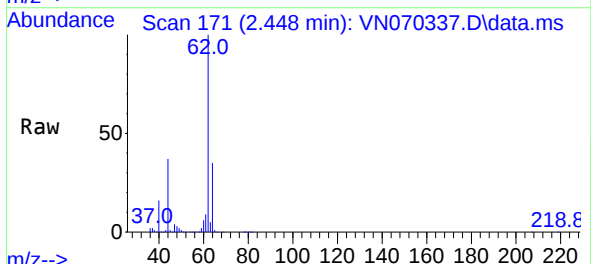
Tgt Ion: 50 Resp: 267560
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

Manual Integrations
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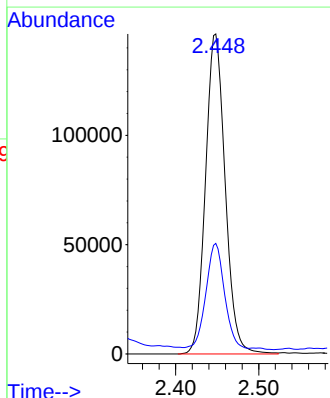
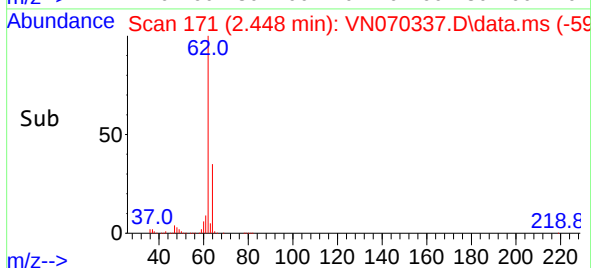
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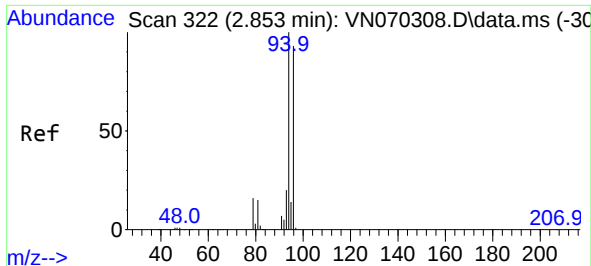


#4
Vinyl Chloride
Concen: 16.052 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



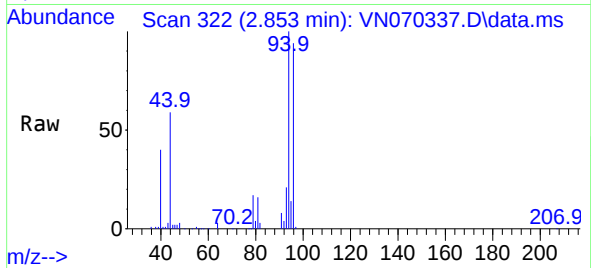
Tgt Ion: 62 Resp: 240419
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6





#5
Bromomethane
Concen: 17.072 ug/l
RT: 2.853 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

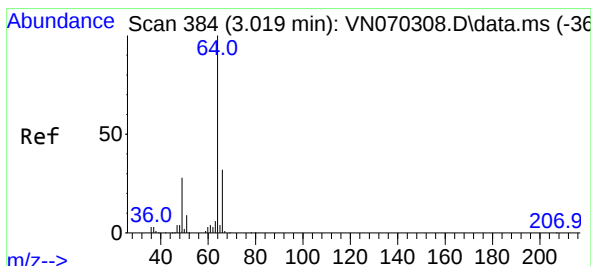
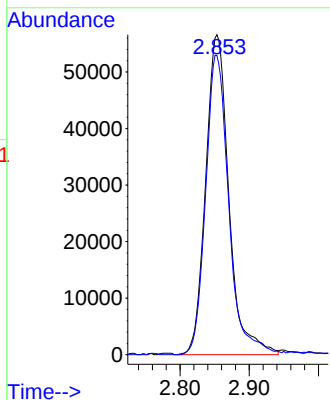
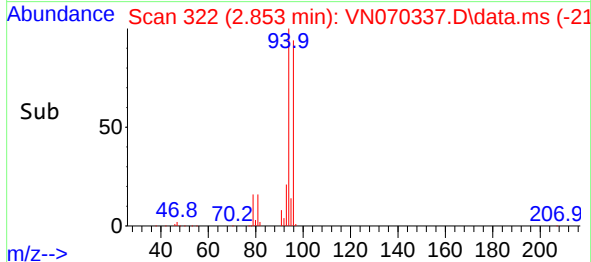
Instrument :
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Tgt Ion: 94 Resp: 131975
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

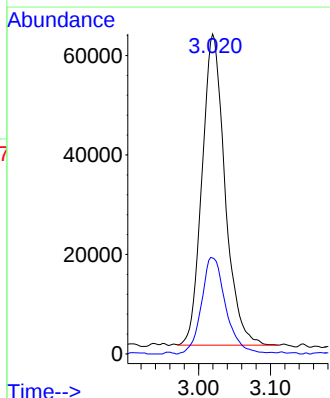
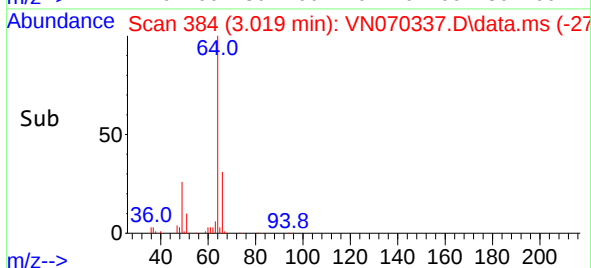
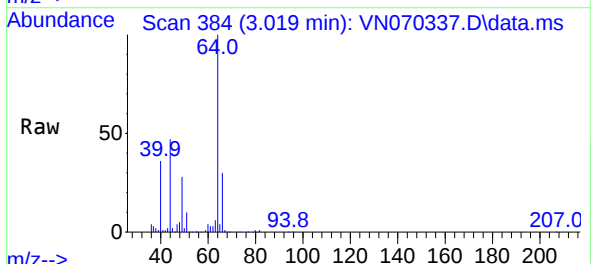
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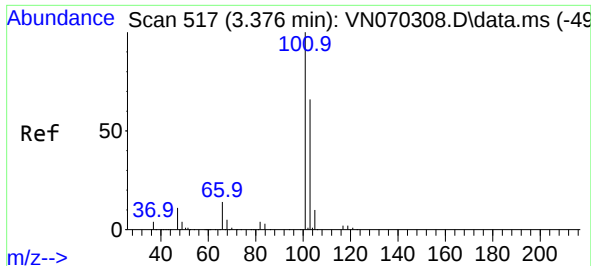
Reviewed By :John Carlone 12/29/2021
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#6
Chloroethane
Concen: 15.394 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 64 Resp: 138854
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





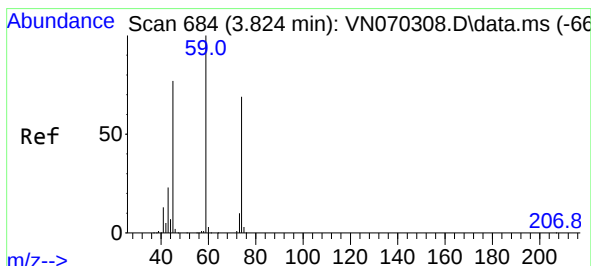
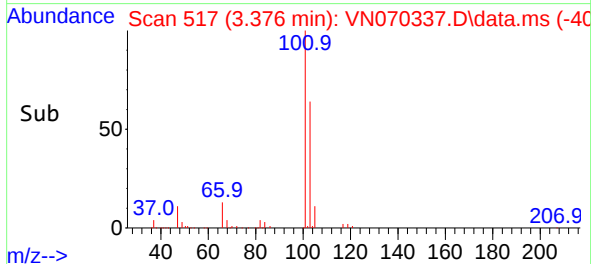
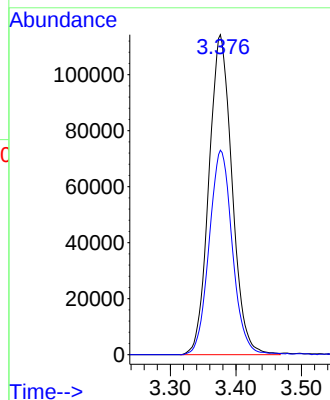
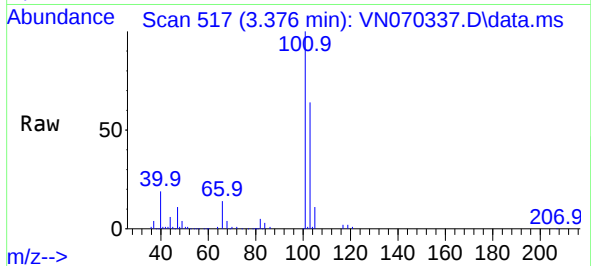
#7
Trichlorofluoromethane
Concen: 15.539 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
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Tgt Ion:101 Resp: 28013
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

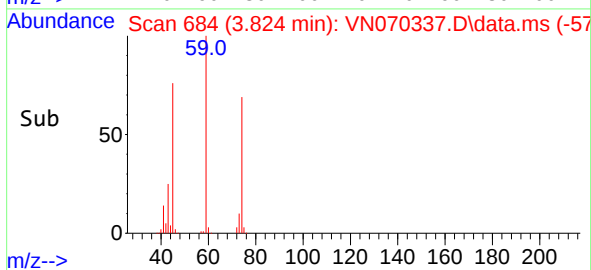
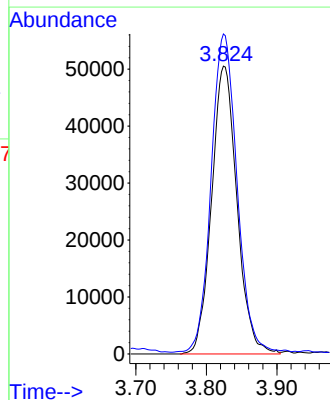
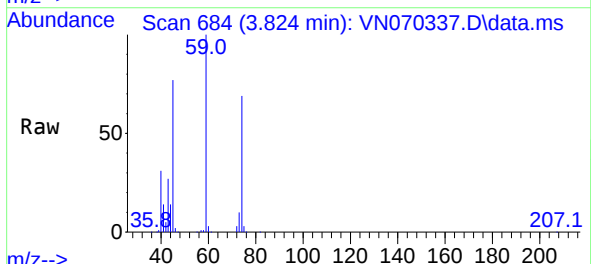
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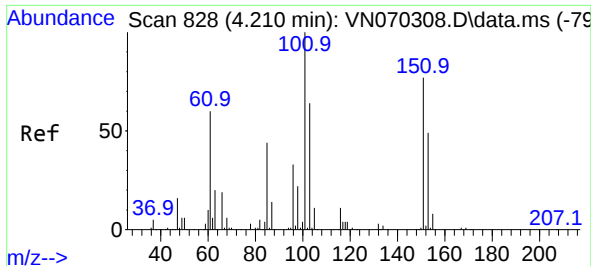
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#8
Diethyl Ether
Concen: 15.907 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 74 Resp: 126420
Ion Ratio Lower Upper
74 100
45 112.4 47.0 141.2





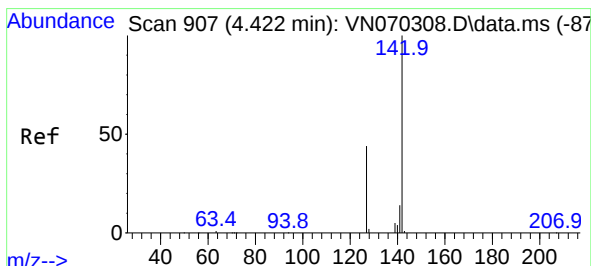
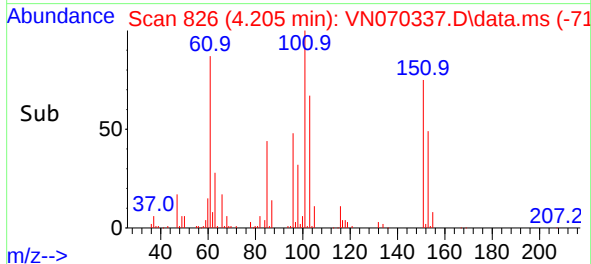
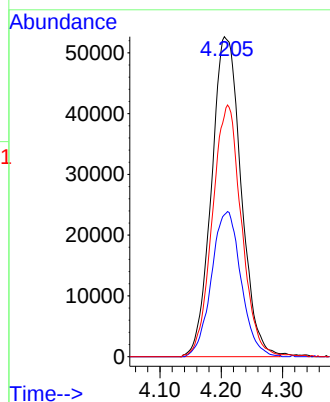
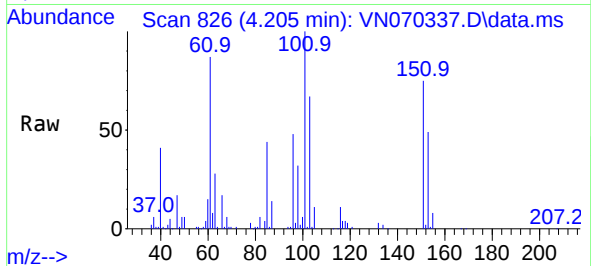
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.020 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion:101 Resp: 17663
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 77.2 65.9 98.9

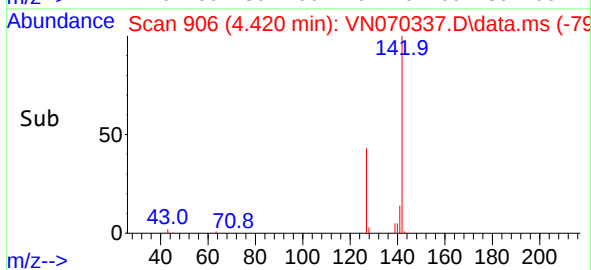
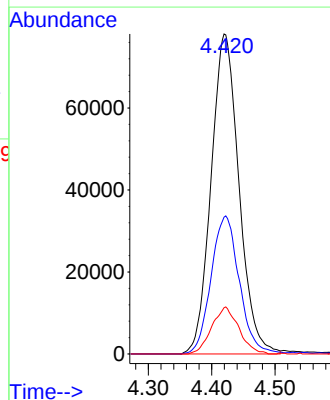
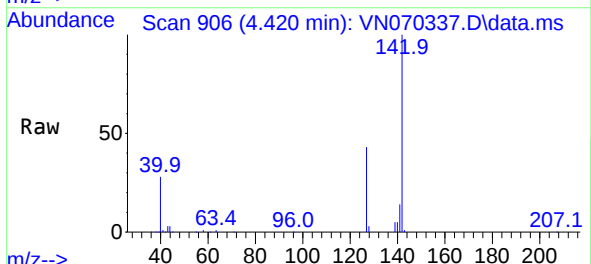
Manual Integrations
APPROVED

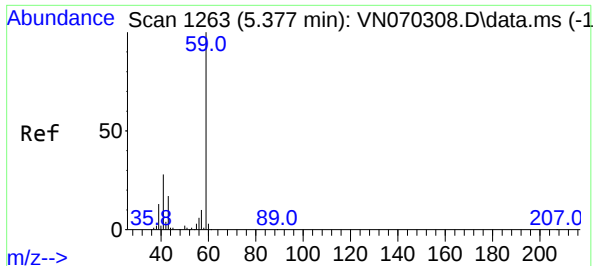
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#10
Methyl Iodide
Concen: 15.990 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

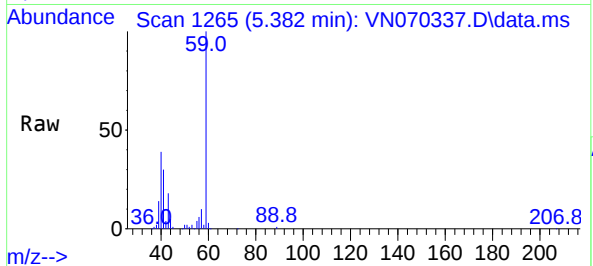
Tgt Ion:142 Resp: 238611
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 88.134 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. 0.005 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

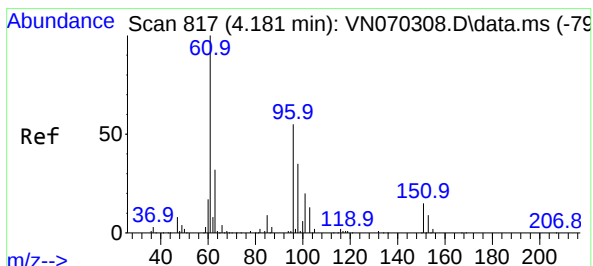
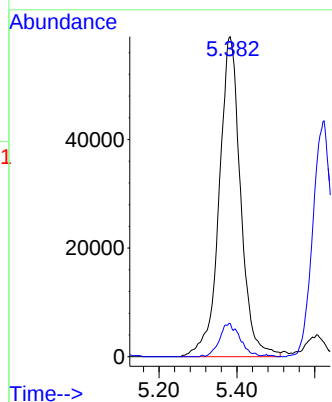
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



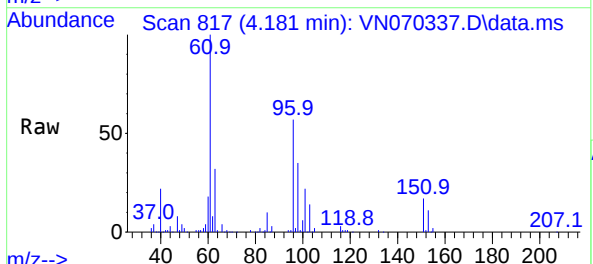
Tgt Ion: 59 Resp: 225004
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1

Manual Integrations
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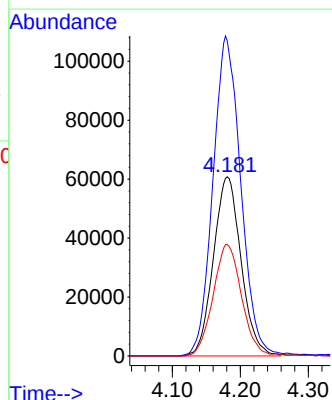
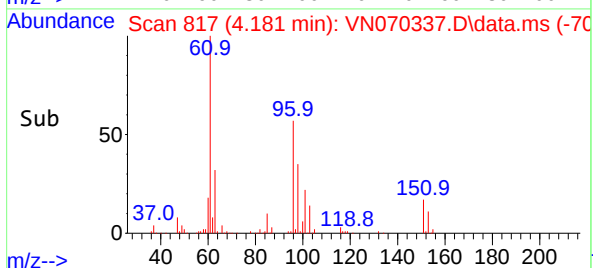
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

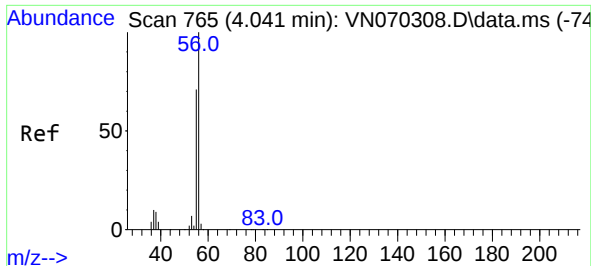


#12
1,1-Dichloroethene
Concen: 15.825 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



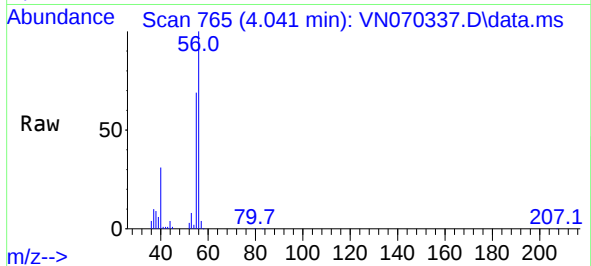
Tgt Ion: 96 Resp: 171872
Ion Ratio Lower Upper
96 100
61 175.9 131.0 196.6
98 62.2 52.4 78.6





#13
Acrolein
Concen: 98.764 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

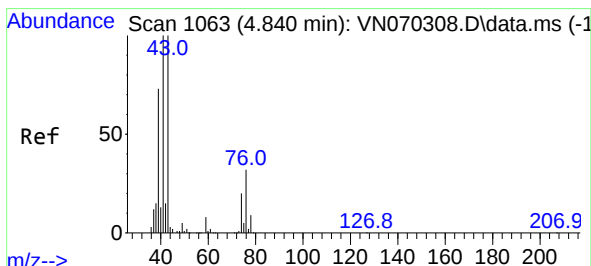
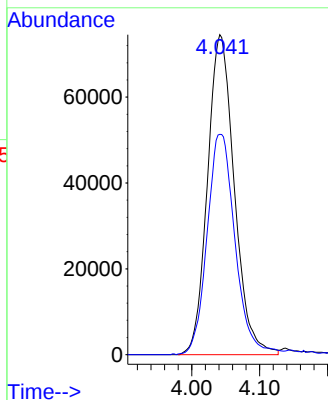
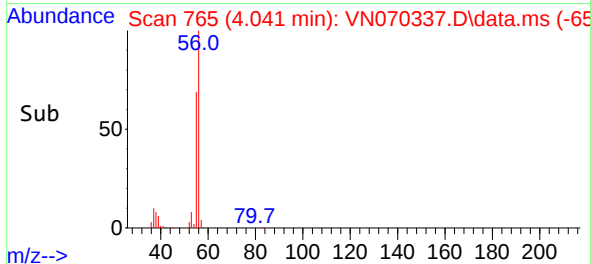
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



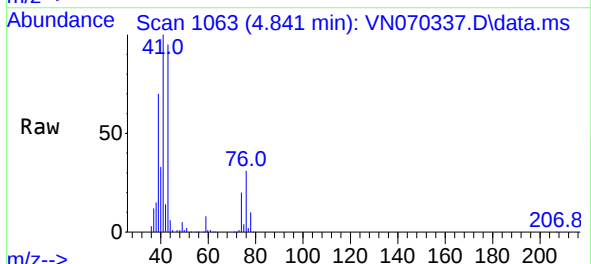
Tgt Ion: 56 Resp: 204580
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
APPROVED

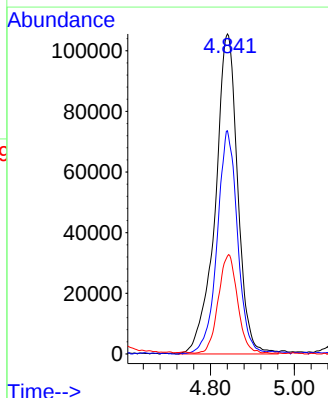
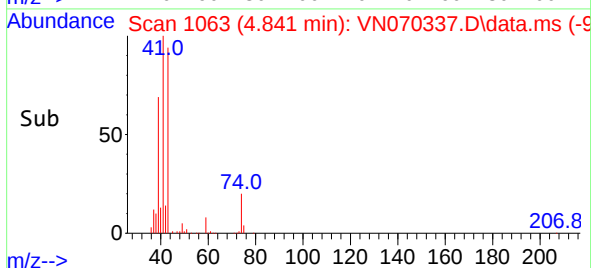
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

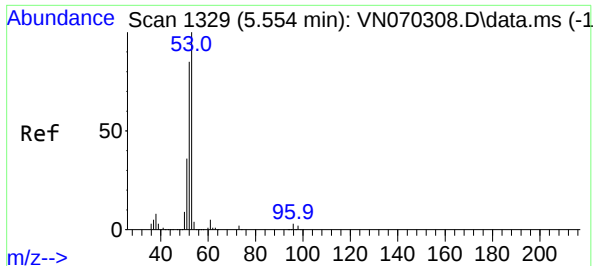


#14
Allyl chloride
Concen: 15.933 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.001 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



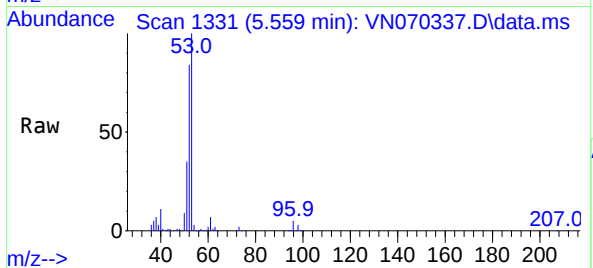
Tgt Ion: 41 Resp: 392330
Ion Ratio Lower Upper
41 100
39 63.3 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 87.700 ug/l
RT: 5.559 min Scan# 1329
Delta R.T. 0.005 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

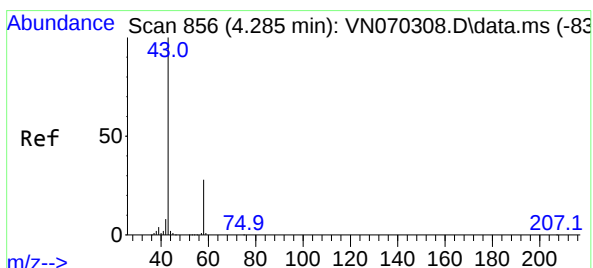
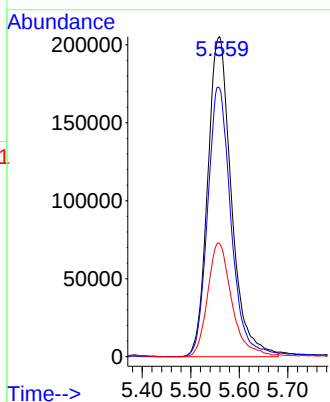
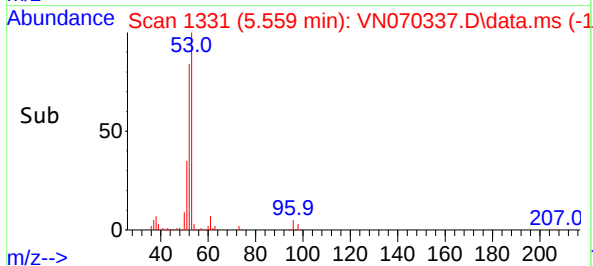
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 53 Resp: 69867
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 36.2 29.6 44.4

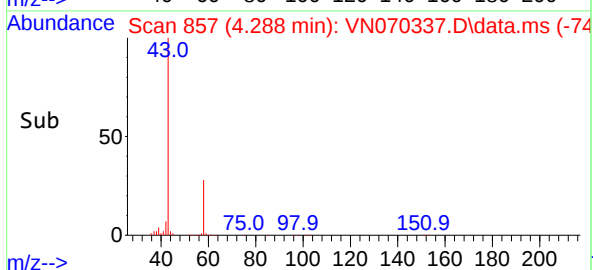
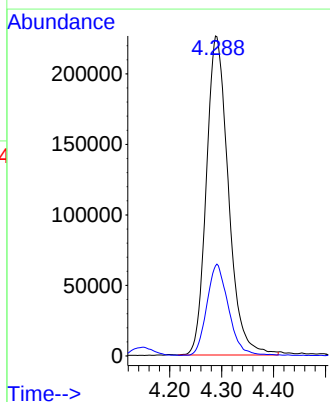
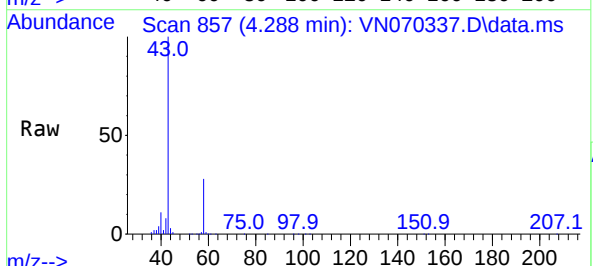
Manual Integrations
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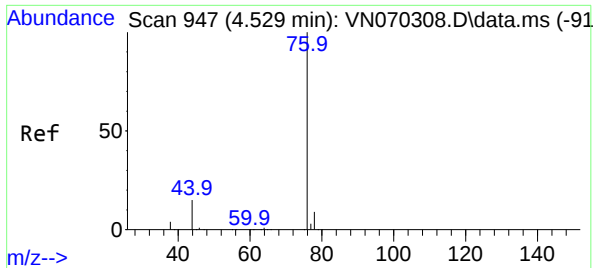
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#16
Acetone
Concen: 67.013 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 43 Resp: 666999
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7





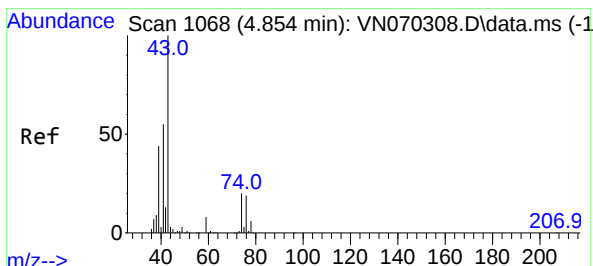
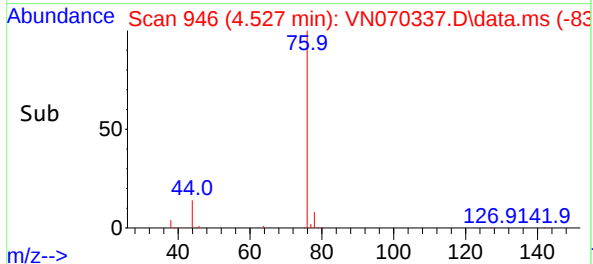
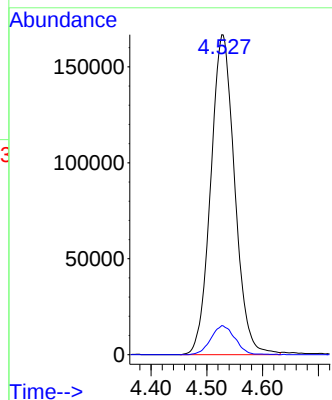
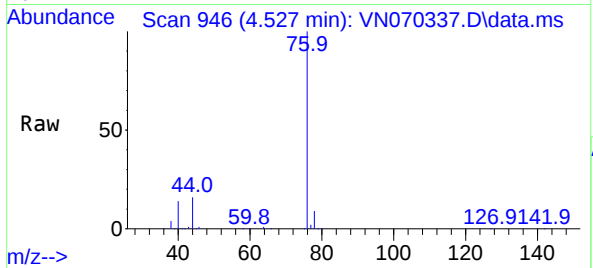
#17
Carbon Disulfide
Concen: 16.786 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 76 Resp: 497640
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

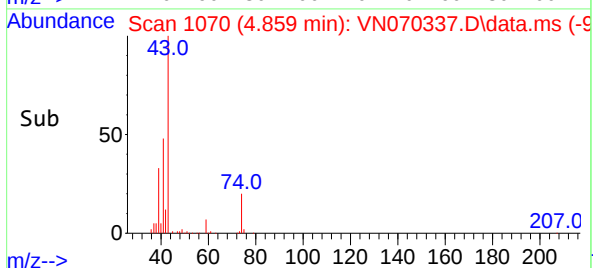
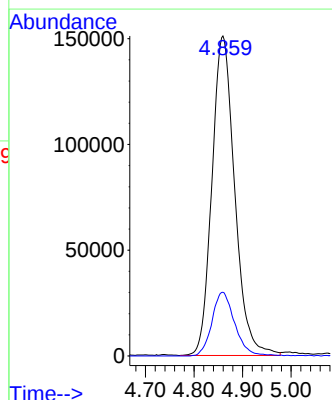
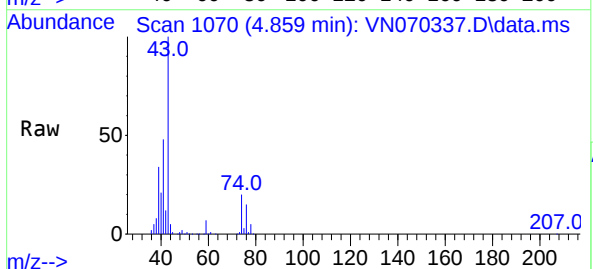
Manual Integrations
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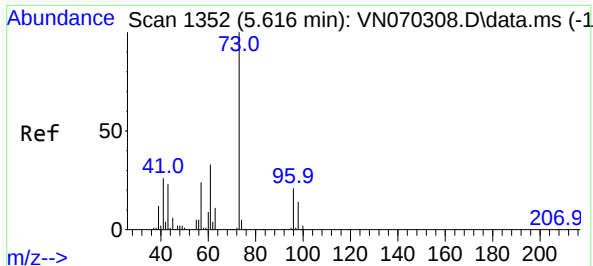
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#18
Methyl Acetate
Concen: 17.105 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 43 Resp: 492482
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 16.074 ug/l

RT: 5.618 min Scan# 11

Delta R.T. 0.002 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD01

Tgt Ion: 73 Resp: 648329

Ion Ratio Lower Upper

73 100

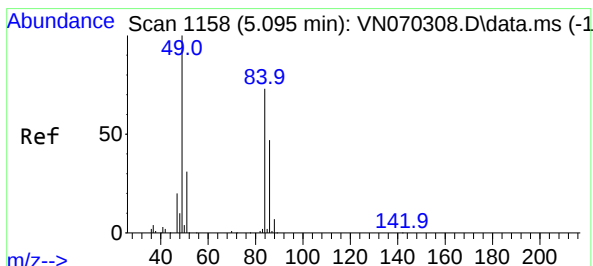
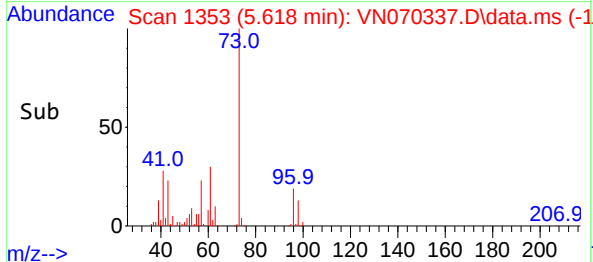
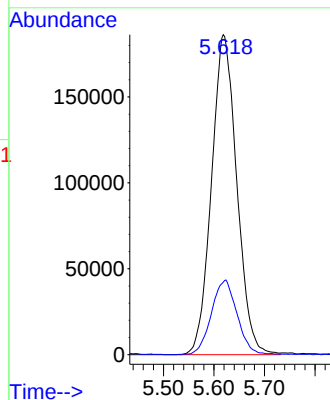
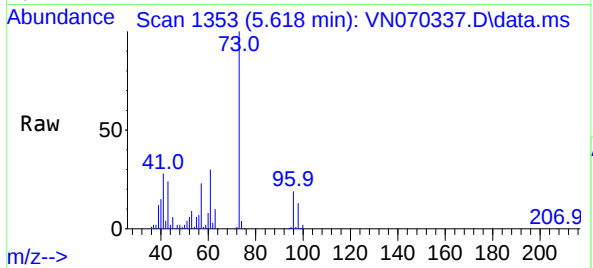
57 22.5 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#20

Methylene Chloride

Concen: 16.113 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

Tgt Ion: 84 Resp: 221887

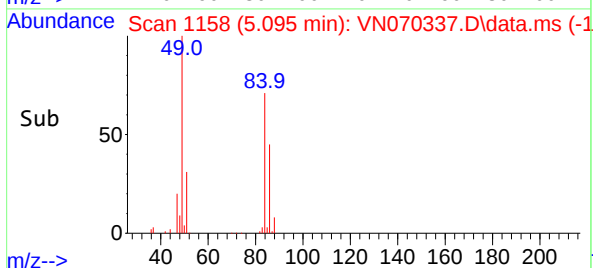
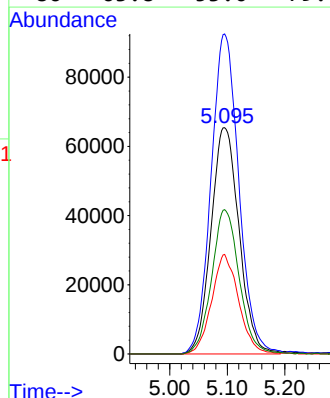
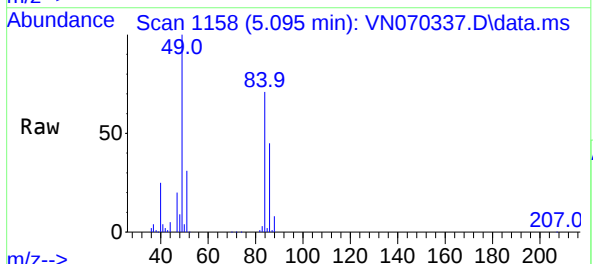
Ion Ratio Lower Upper

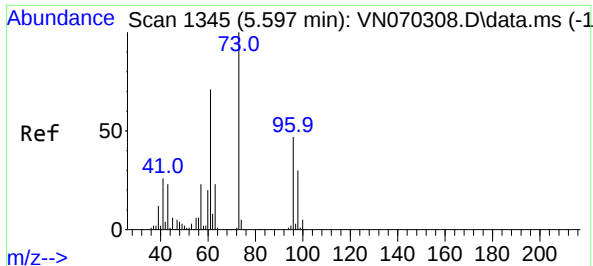
84 100

49 141.5 93.5 140.3#

51 44.0 29.4 44.2

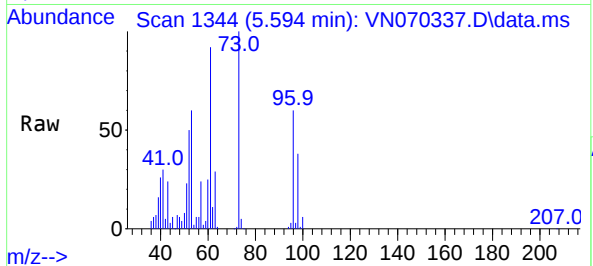
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.220 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

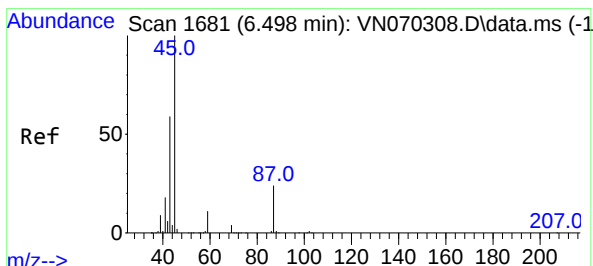
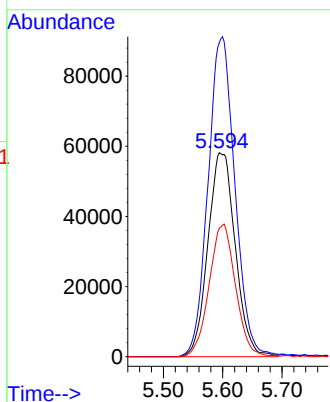
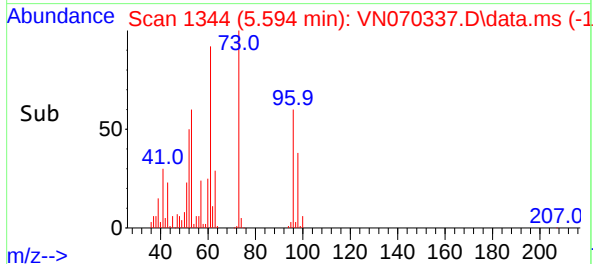
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



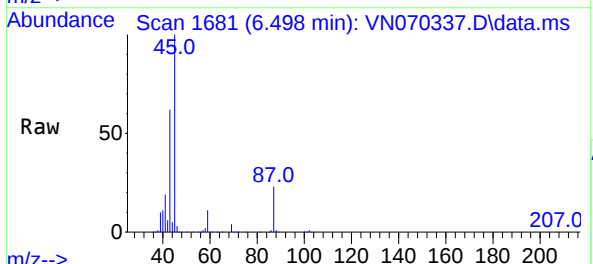
Tgt Ion: 96 Resp: 18652
Ion Ratio Lower Upper
96 100
61 154.0 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
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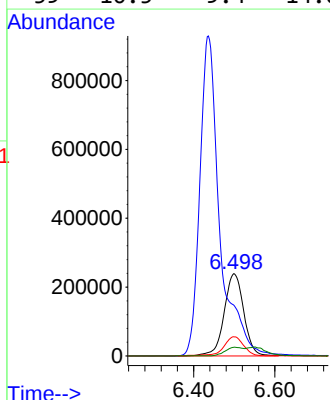
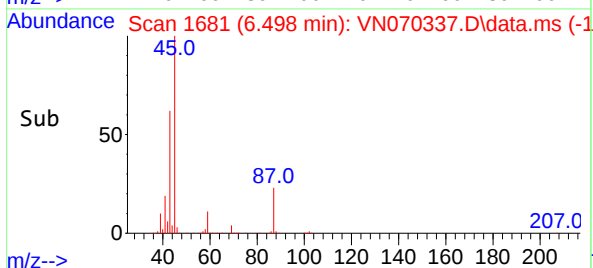
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

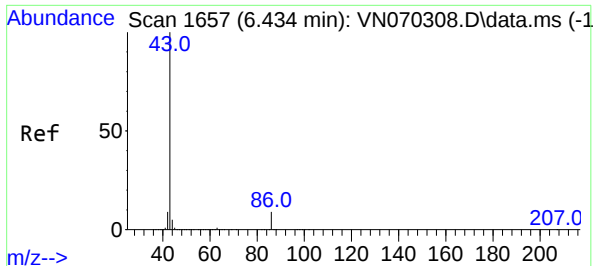


#22
Diisopropyl ether
Concen: 16.712 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



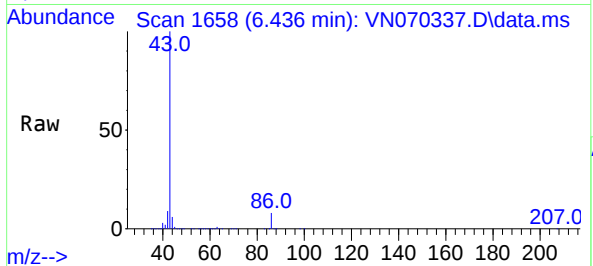
Tgt Ion: 45 Resp: 801548
Ion Ratio Lower Upper
45 100
43 61.9 51.7 77.5
87 23.2 23.2 34.8#
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 85.283 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN070337.D
 Acq: 28 Dec 2021 20:27

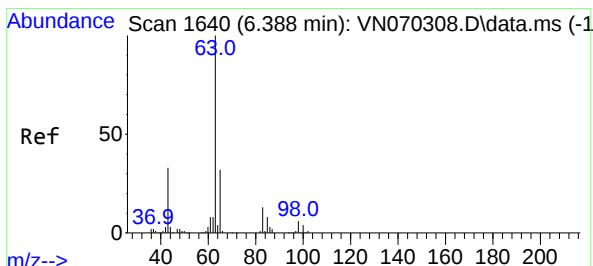
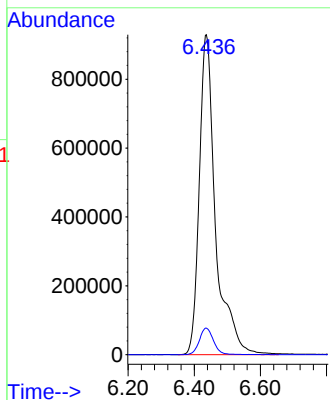
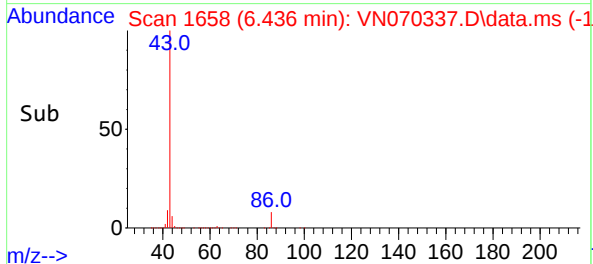
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD01



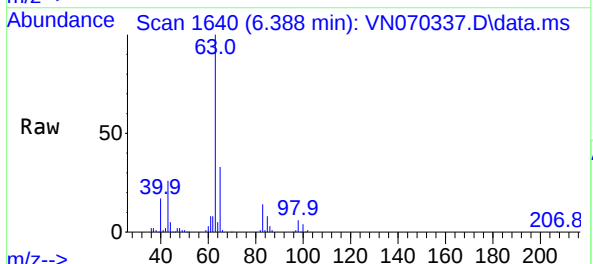
Tgt Ion: 43 Resp: 317351
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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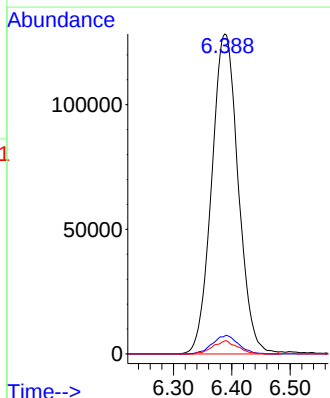
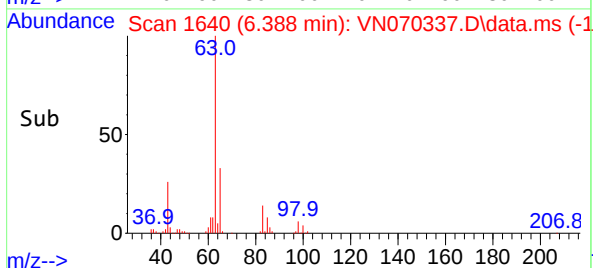
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

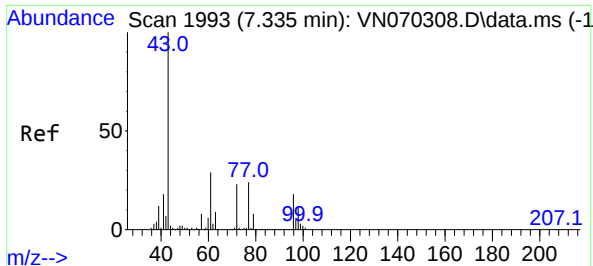


#24
 1,1-Dichloroethane
 Concen: 16.304 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070337.D
 Acq: 28 Dec 2021 20:27



Tgt Ion: 63 Resp: 405459
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 4.1 2.1 6.5





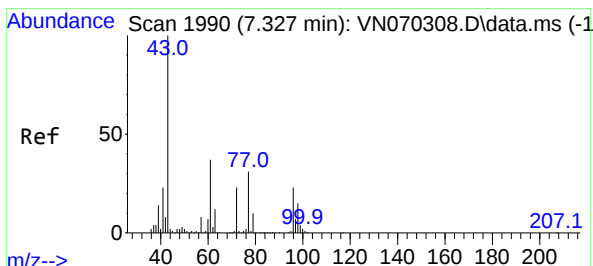
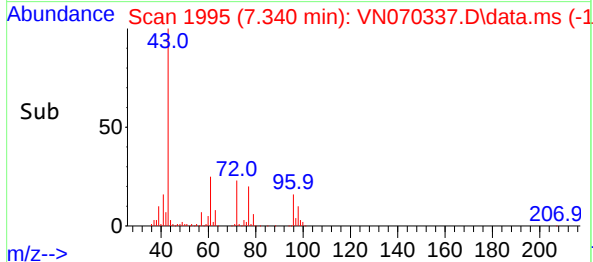
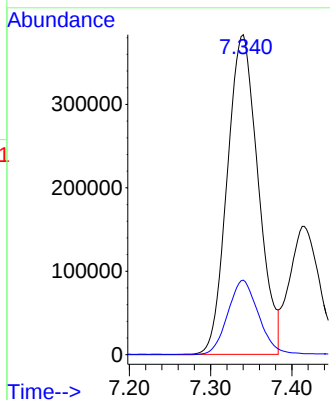
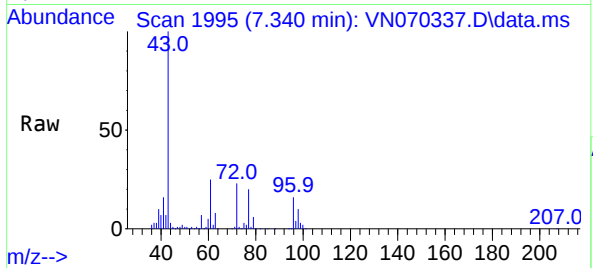
#25
2-Butanone
Concen: 80.794 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 43 Resp: 1012548
Ion Ratio Lower Upper
43 100
72 23.3 21.7 32.5

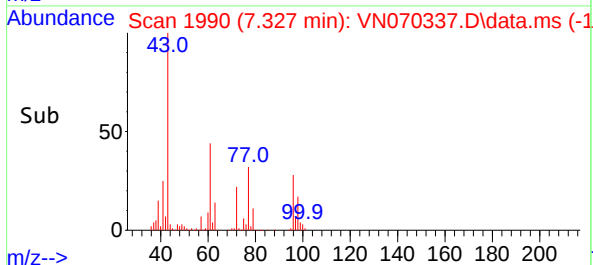
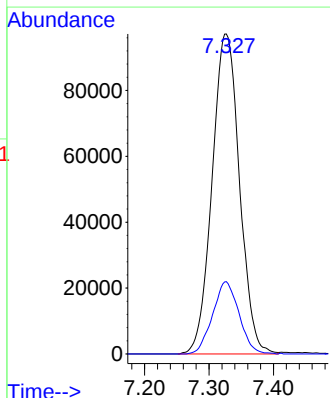
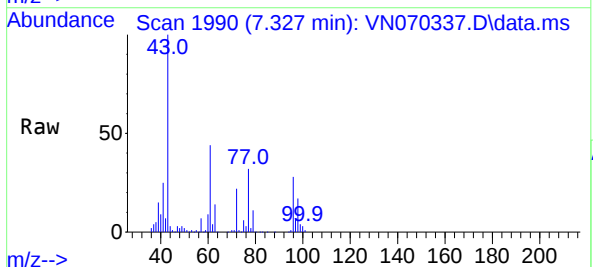
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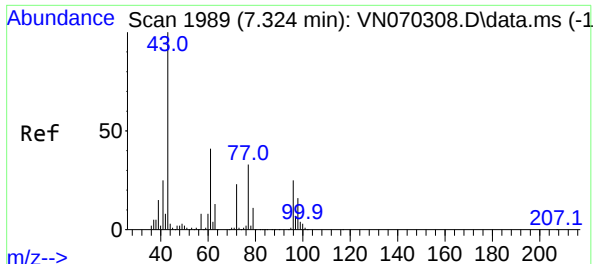
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#26
2,2-Dichloropropane
Concen: 14.643 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 77 Resp: 287274
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





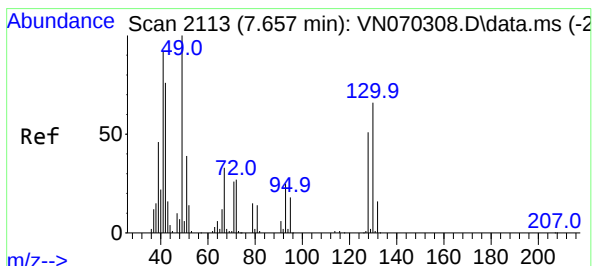
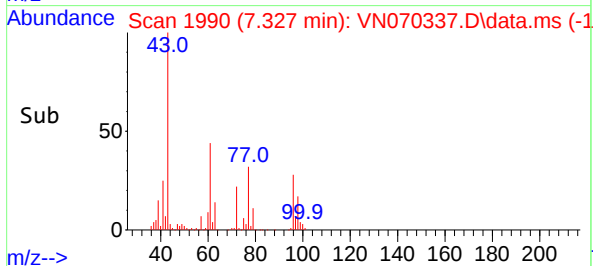
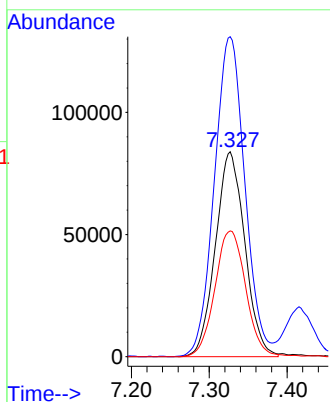
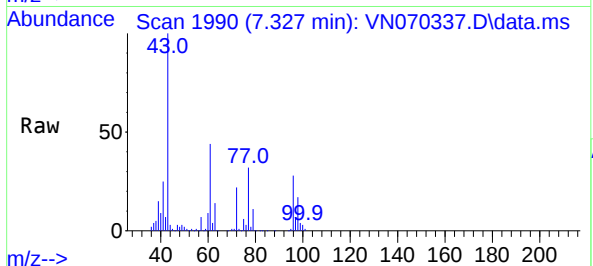
#27
cis-1,2-Dichloroethene
Concen: 16.040 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
Client Sample Id :
VN1228WBSD01

Tgt Ion: 96 Resp: 220093
Ion Ratio Lower Upper
96 100
61 161.9 0.0 275.0
98 64.3 0.0 129.6

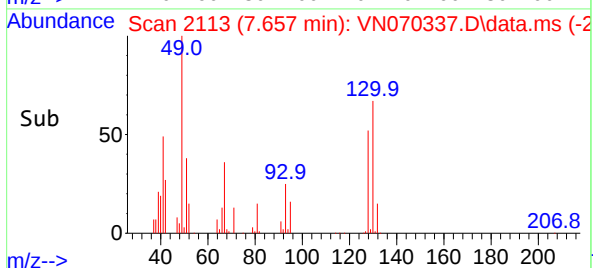
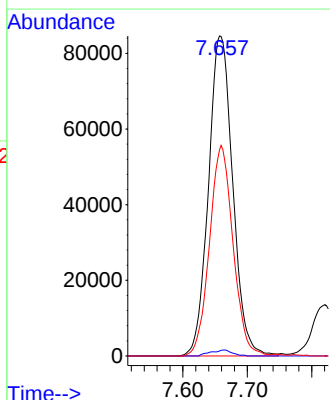
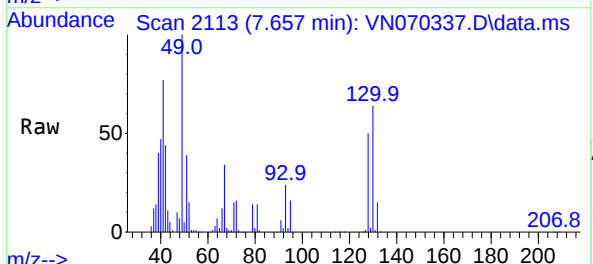
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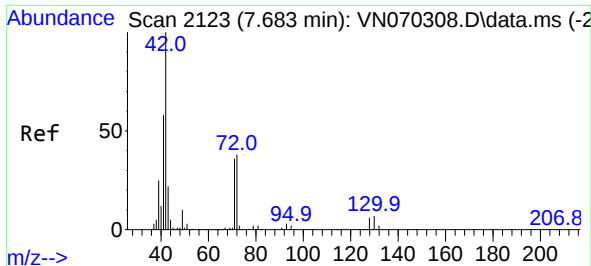
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#28
Bromochloromethane
Concen: 18.215 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion: 49 Resp: 221527
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 63.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 90.498 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.006 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD01

Tgt Ion: 42 Resp: 67668

Ion Ratio Lower Upper

42 100

72 37.0 36.3 54.5

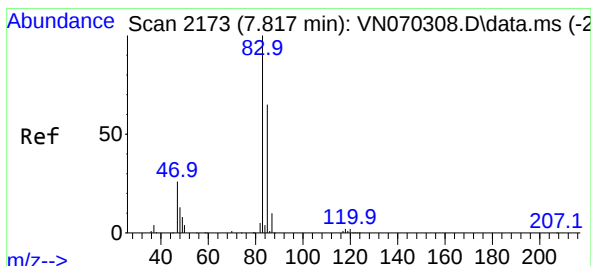
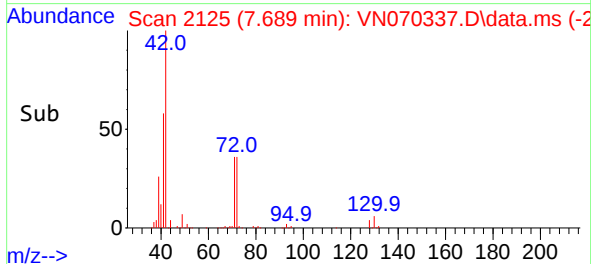
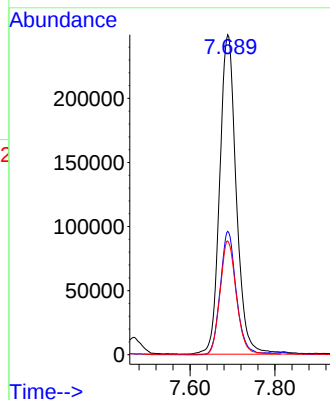
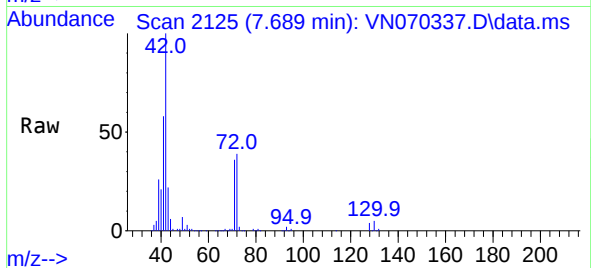
71 35.1 34.7 52.1

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Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#30

Chloroform

Concen: 16.358 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN070337.D

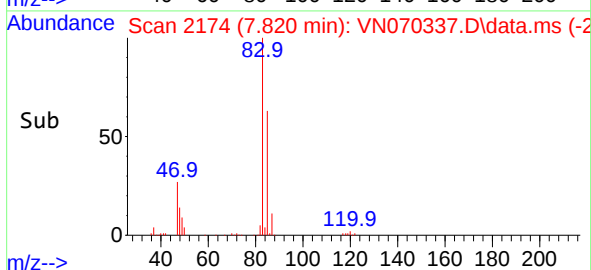
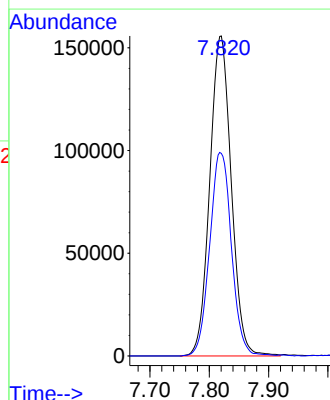
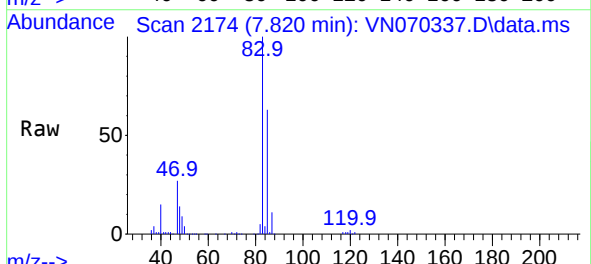
Acq: 28 Dec 2021 20:27

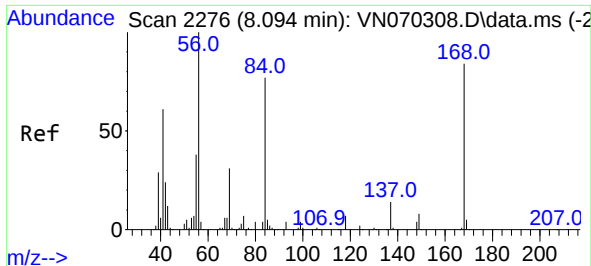
Tgt Ion: 83 Resp: 392451

Ion Ratio Lower Upper

83 100

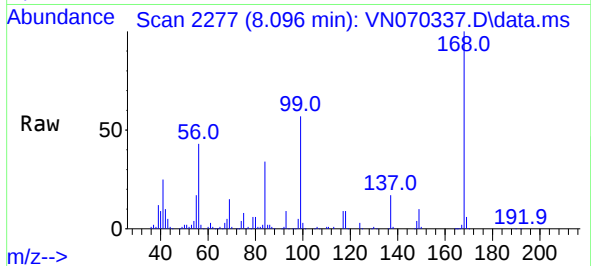
85 63.3 51.9 77.9





#31
Cyclohexane
Concen: 16.393 ug/l
RT: 8.096 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

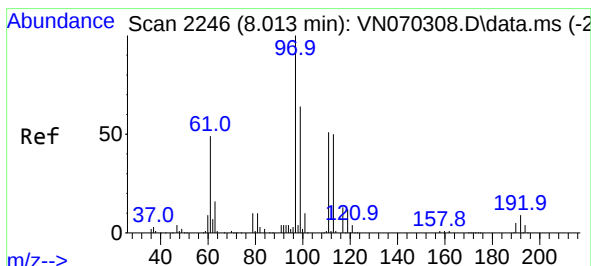
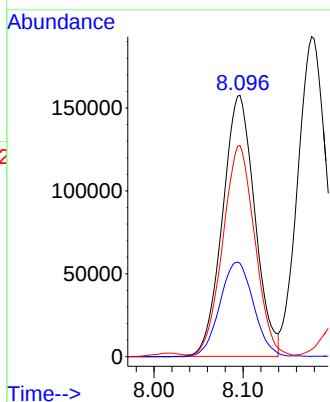
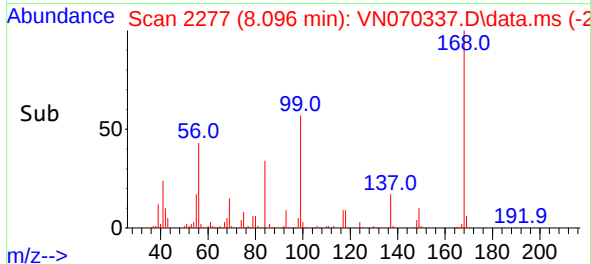
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



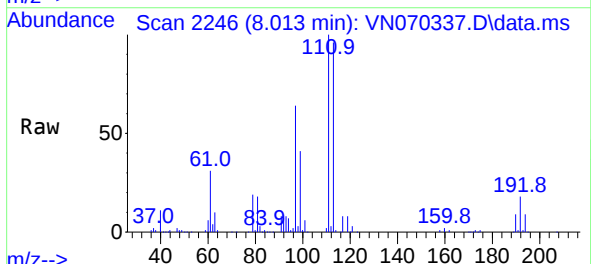
Tgt Ion: 56 Resp: 396634
Ion Ratio Lower Upper
56 100
69 35.8 27.1 40.7
84 79.8 73.4 110.0

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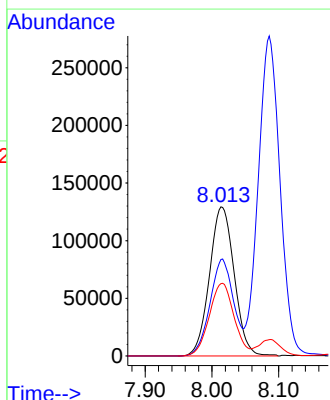
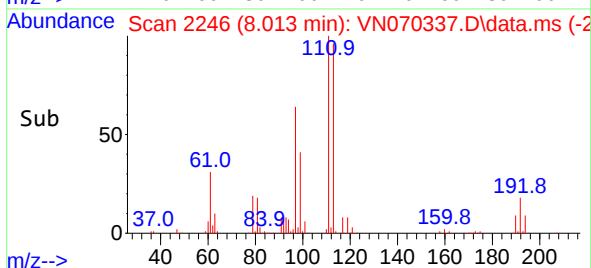
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

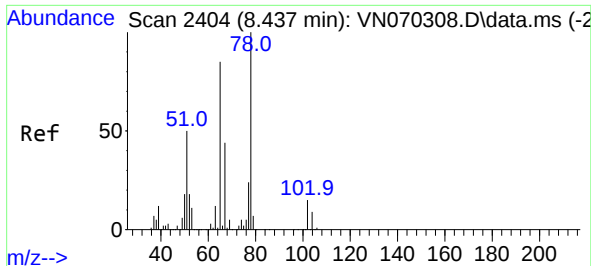


#32
1,1,1-Trichloroethane
Concen: 16.484 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion: 97 Resp: 333443
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.722 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD01

Tgt Ion: 65 Resp: 76237

Ion Ratio Lower Upper

65 100

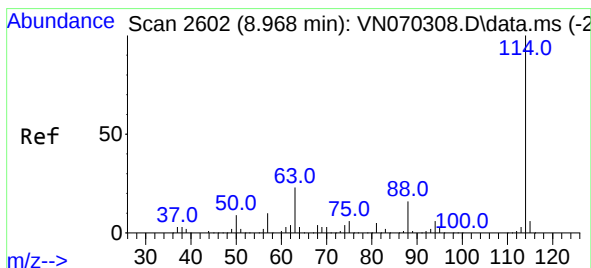
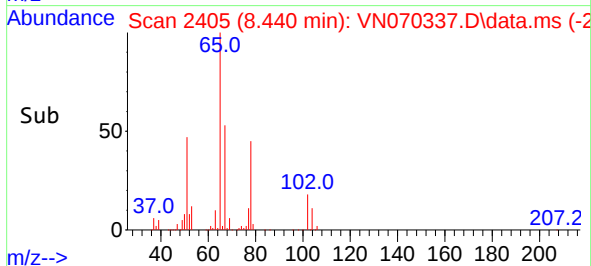
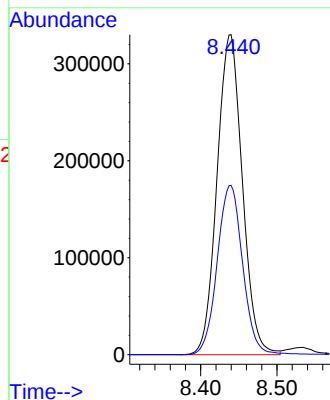
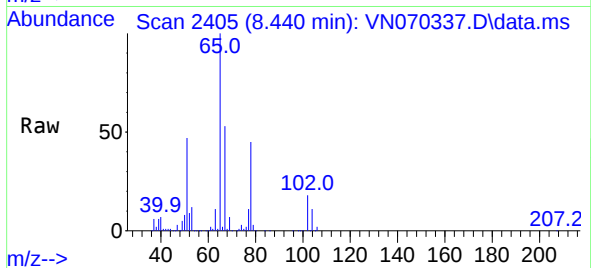
67 53.0 0.0 103.0

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Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

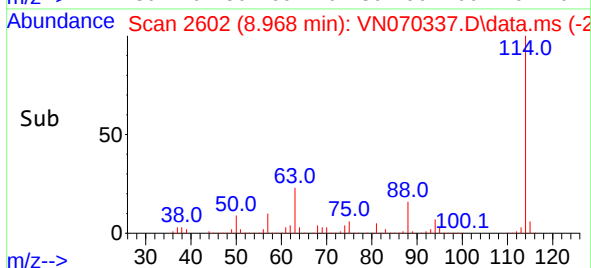
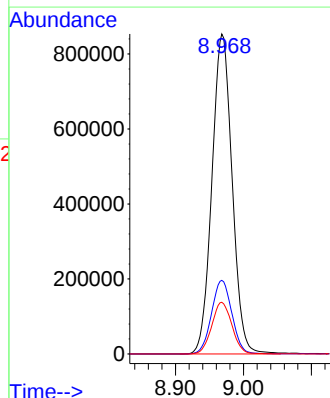
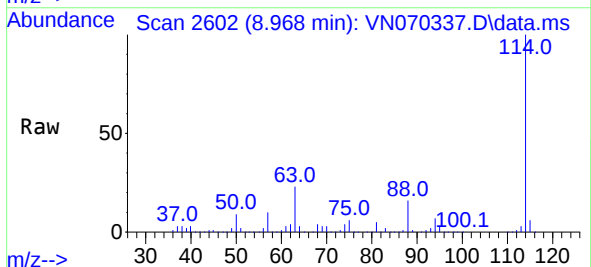
Tgt Ion:114 Resp: 1761206

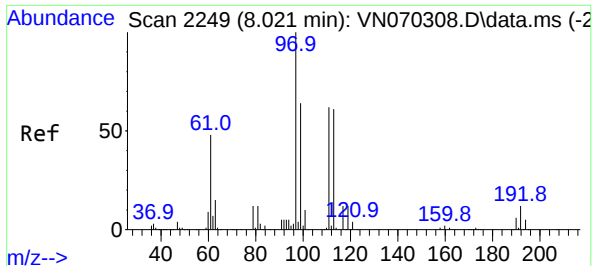
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

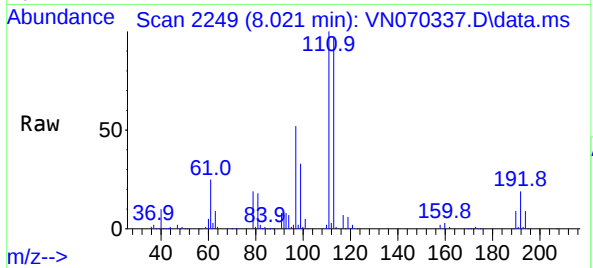
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.053 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

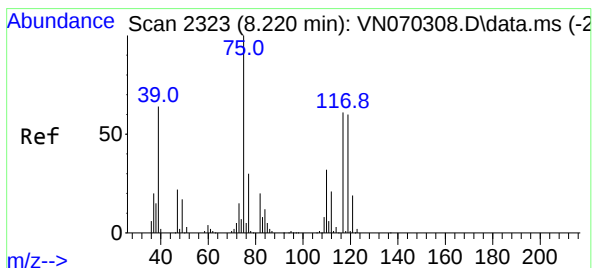
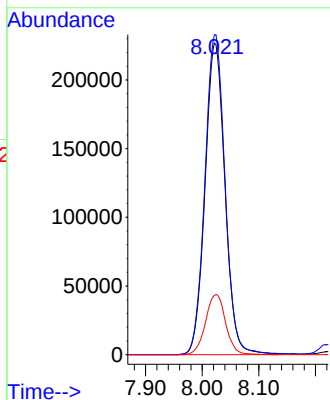
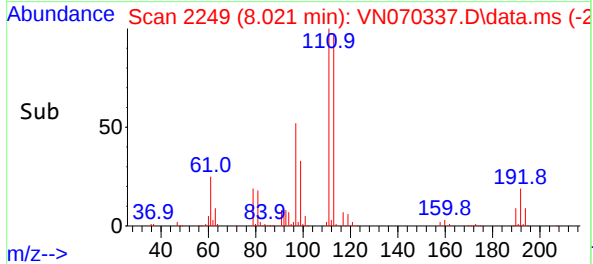
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



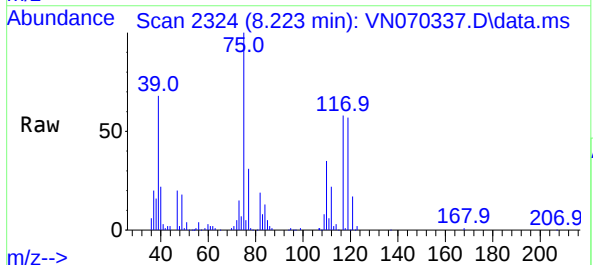
Tgt Ion:113 Resp: 55469
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.4 16.9 25.3

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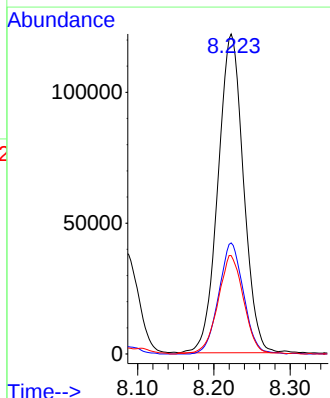
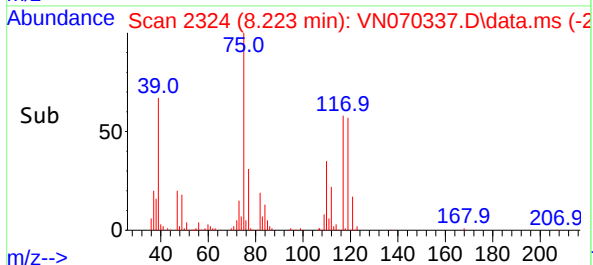
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

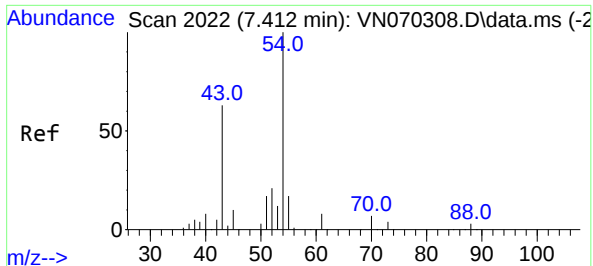


#36
1,1-Dichloropropene
Concen: 16.003 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



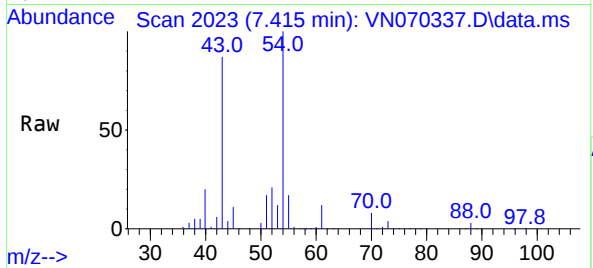
Tgt Ion: 75 Resp: 282109
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 17.629 ug/l
RT: 7.415 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

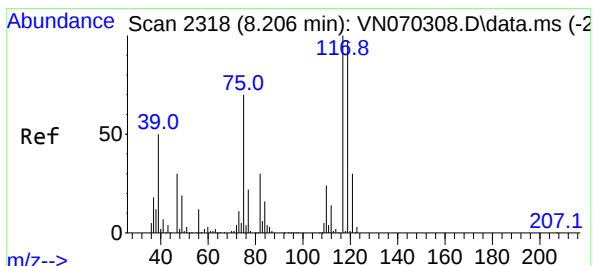
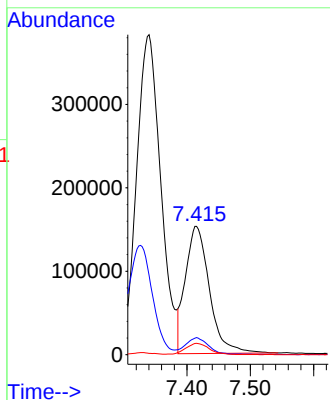
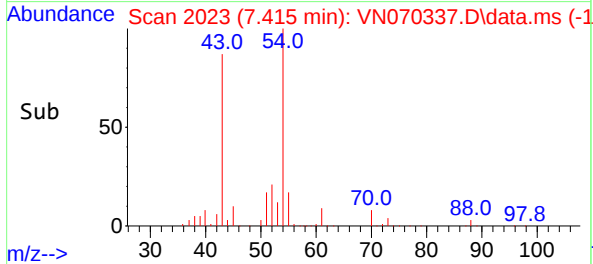
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 43 Resp: 402815
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.5 7.9 11.9

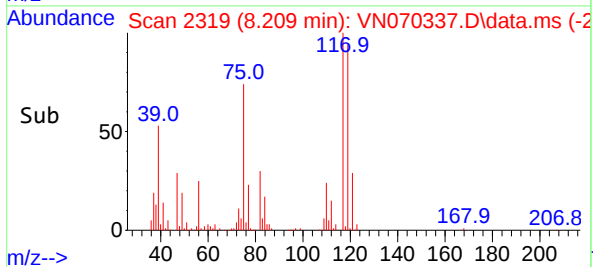
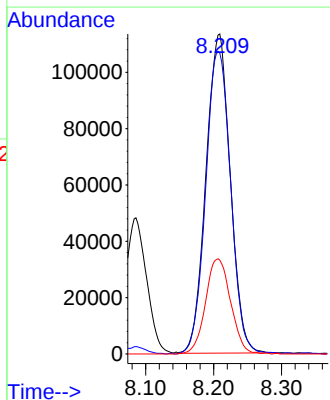
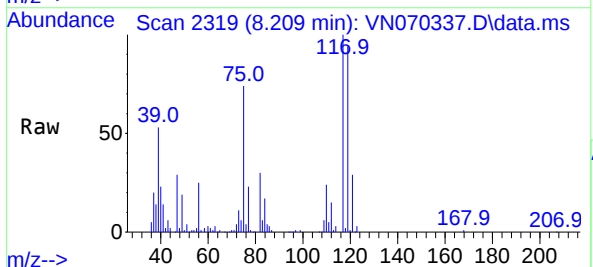
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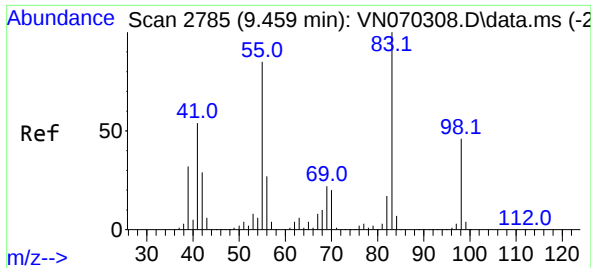
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#38
Carbon Tetrachloride
Concen: 16.773 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

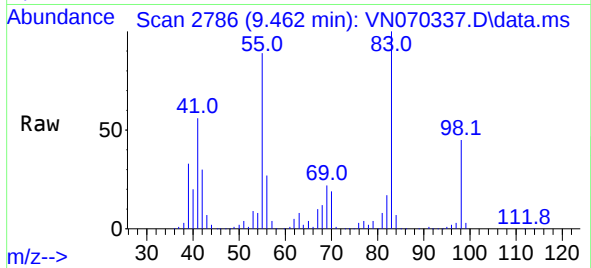
Tgt Ion:117 Resp: 282345
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1
121 29.4 24.2 36.2





#39
Methylcyclohexane
Concen: 15.565 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

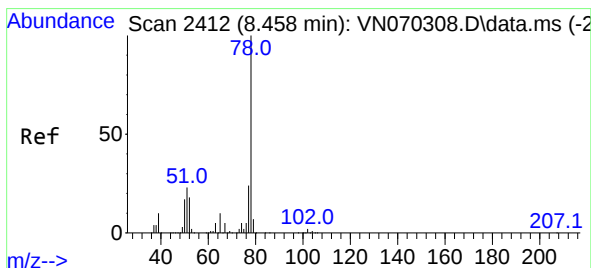
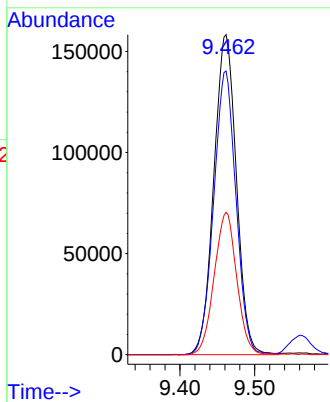
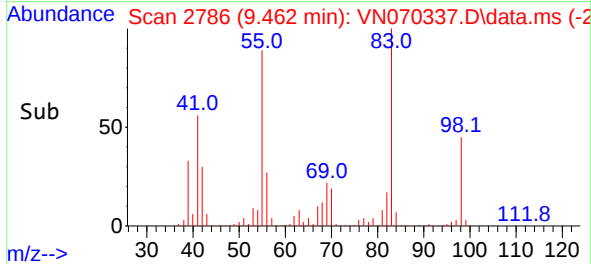
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



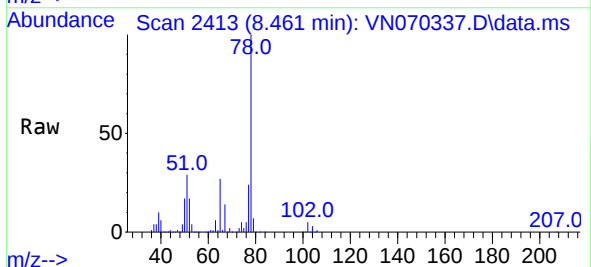
Tgt Ion: 83 Resp: 33219
Ion Ratio Lower Upper
83 100
55 88.6 58.1 87.1
98 44.5 38.4 57.6

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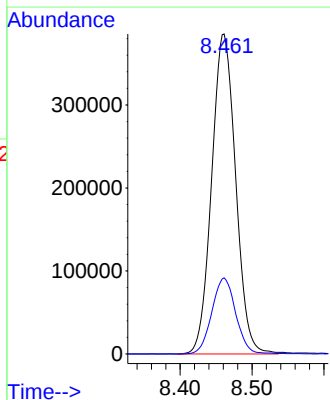
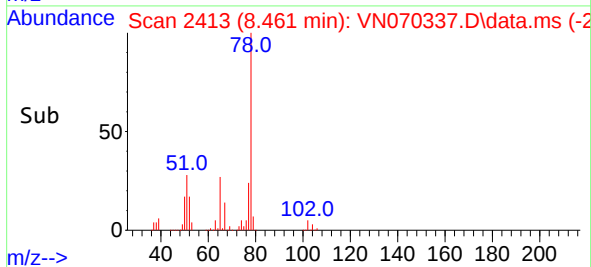
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

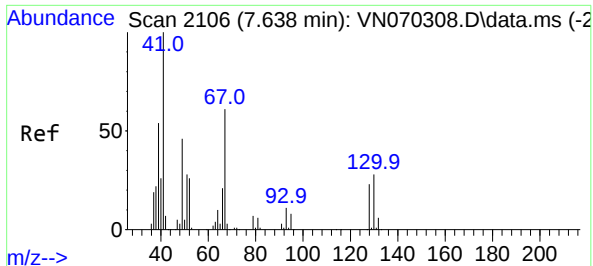


#40
Benzene
Concen: 16.516 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



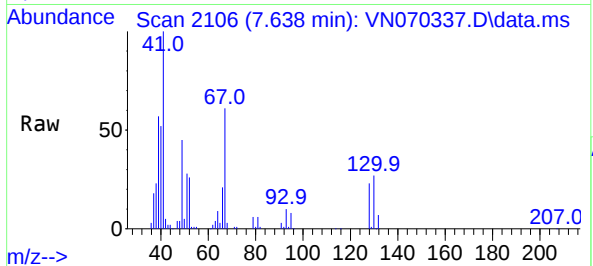
Tgt Ion: 78 Resp: 892592
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 17.455 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

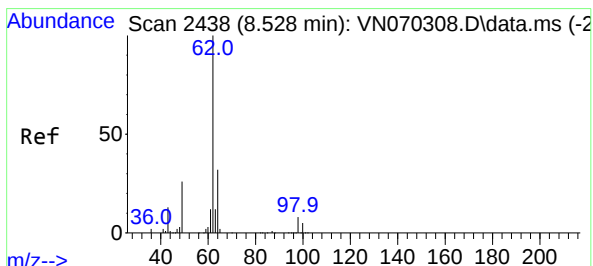
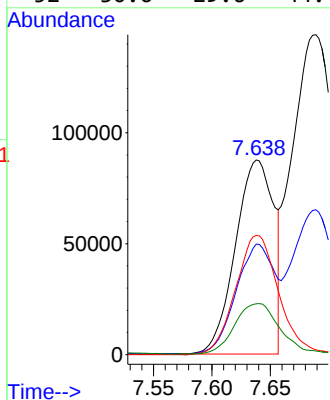
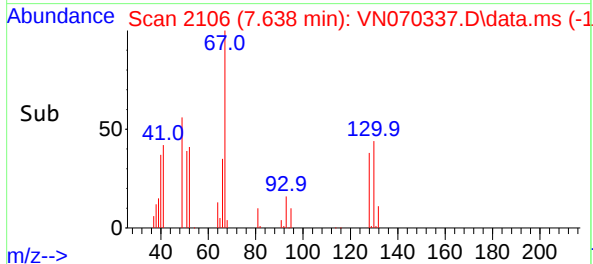
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 41 Resp: 19949
Ion Ratio Lower Upper
41 100
39 59.1 48.1 72.1
67 69.6 68.3 102.5
52 30.6 29.6 44.4

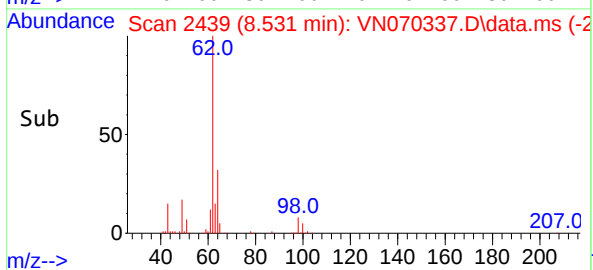
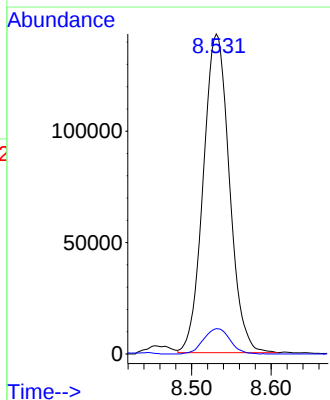
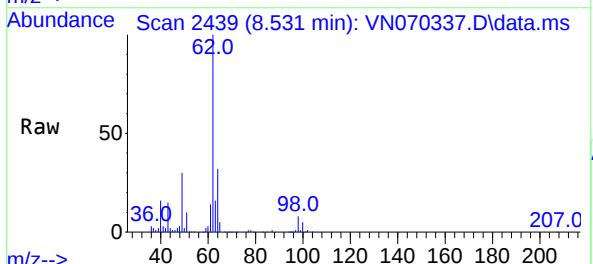
Manual Integrations
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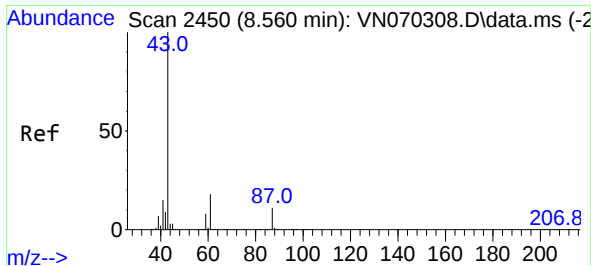
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#42
1,2-Dichloroethane
Concen: 16.065 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

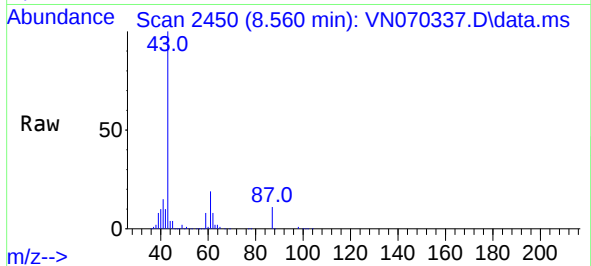
Tgt Ion: 62 Resp: 326348
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 16.745 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

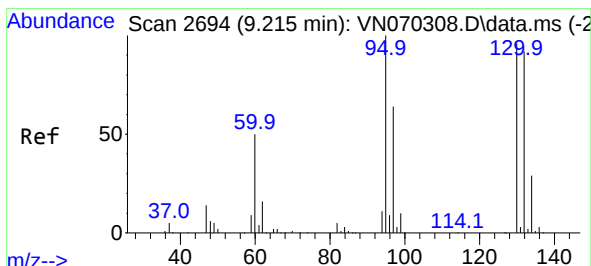
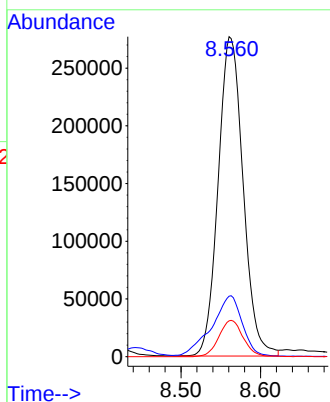
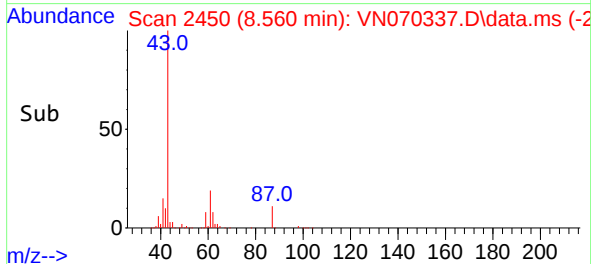
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



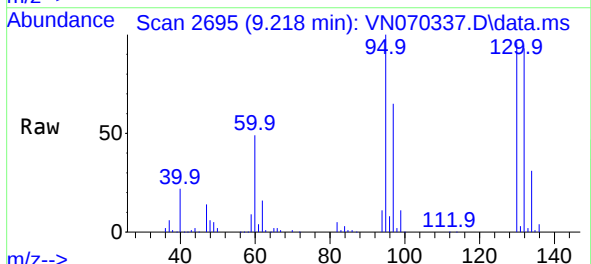
Tgt Ion: 43 Resp: 603240
Ion Ratio Lower Upper
43 100
61 23.3 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations
APPROVED

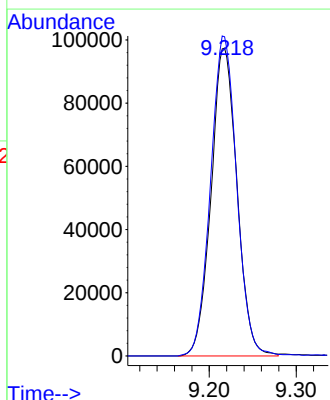
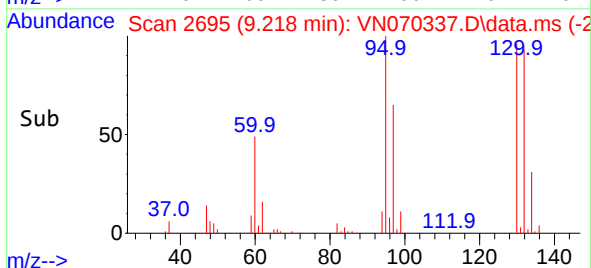
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

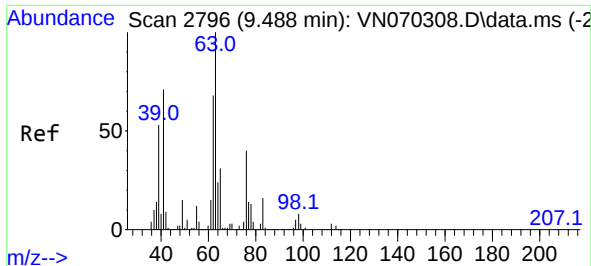


#44
Trichloroethene
Concen: 15.730 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion:130 Resp: 201995
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 16.609 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070337.D

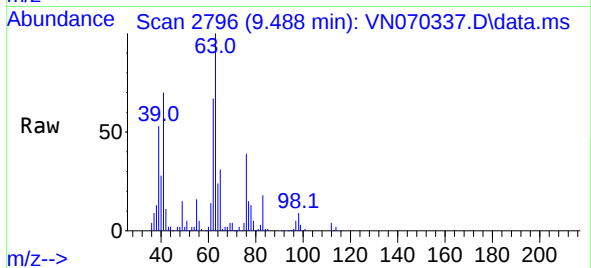
Acq: 28 Dec 2021 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD01



Tgt Ion: 63 Resp: 241678

Ion Ratio Lower Upper

63 100

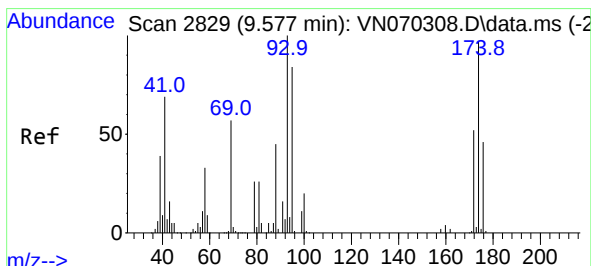
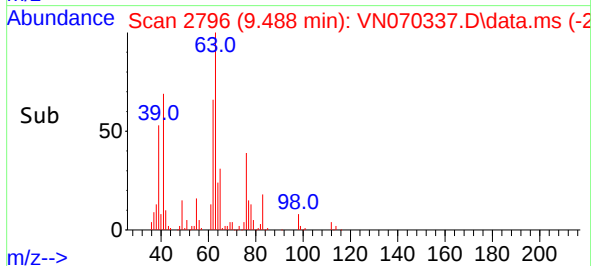
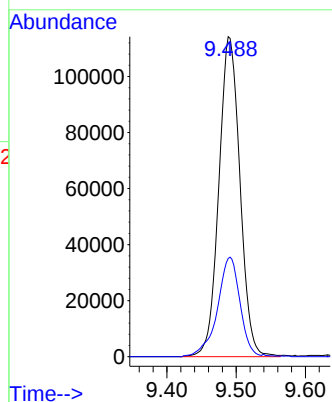
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#46

Dibromomethane

Concen: 16.585 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

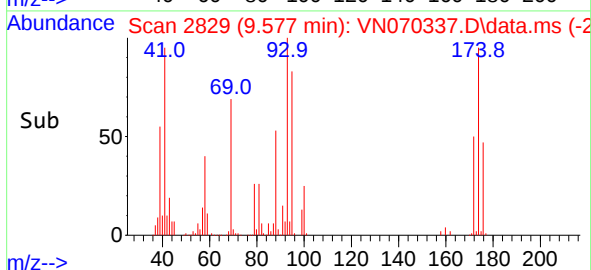
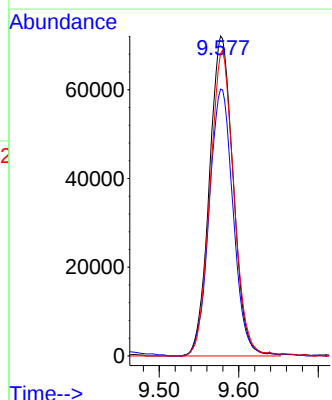
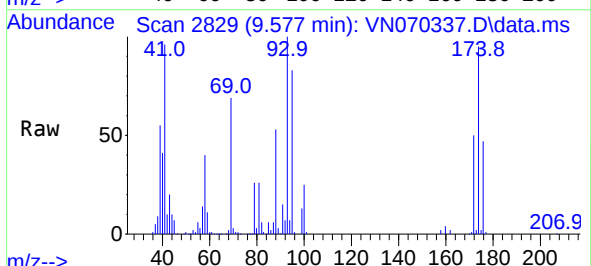
Tgt Ion: 93 Resp: 150060

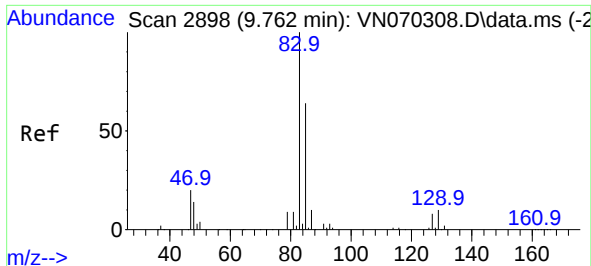
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

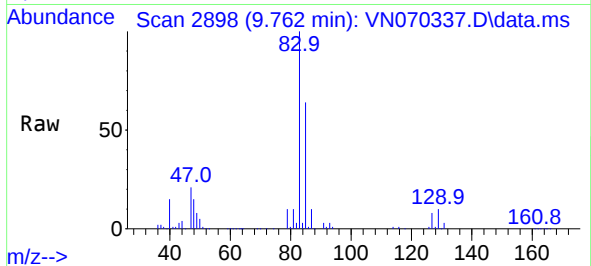
174 95.4 84.6 127.0





#47
Bromodichloromethane
Concen: 17.128 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

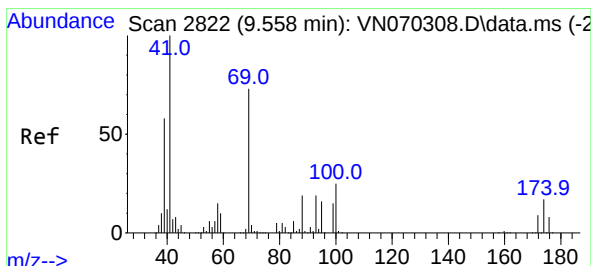
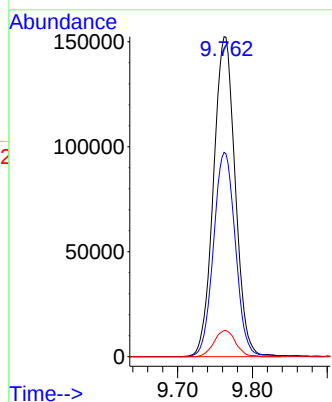
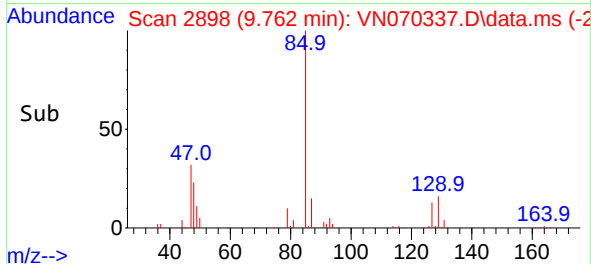
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



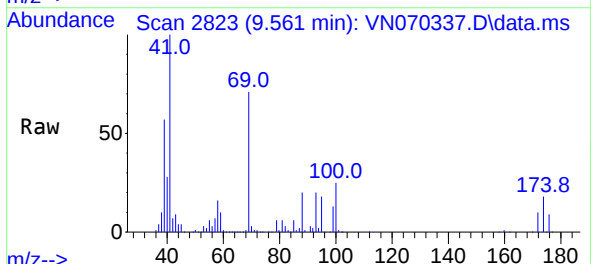
Tgt Ion: 83 Resp: 30772
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

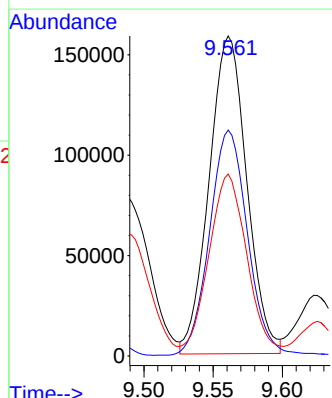
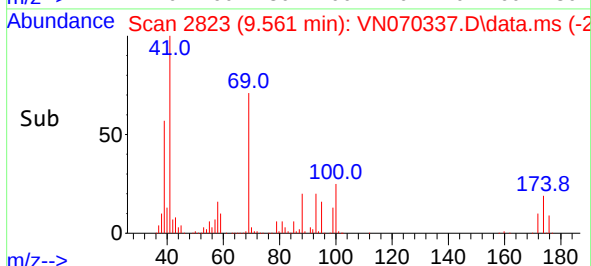
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

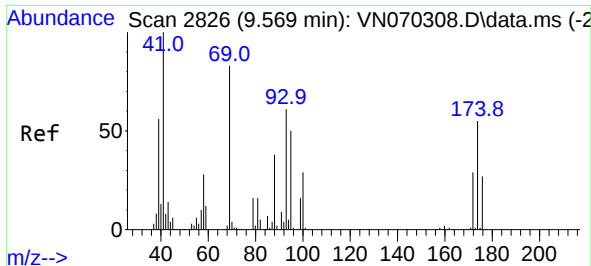


#48
Methyl methacrylate
Concen: 17.437 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



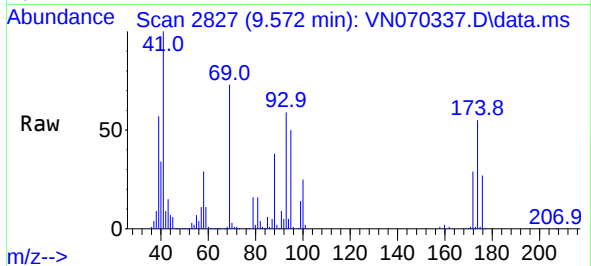
Tgt Ion: 41 Resp: 299630
Ion Ratio Lower Upper
41 100
69 71.9 72.4 108.6#
39 57.8 58.4 87.6#





#49
1,4-Dioxane
Concen: 354.043 ug/l
RT: 9.572 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

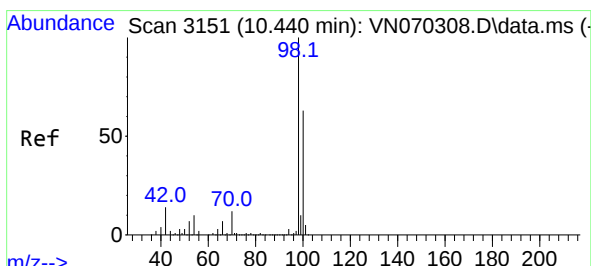
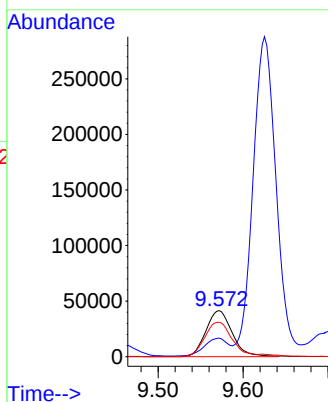
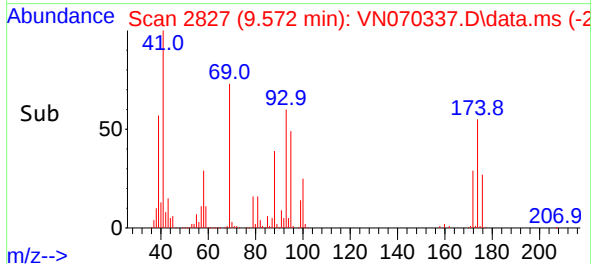
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 88 Resp: 89050
Ion Ratio Lower Upper
88 100
43 35.1 23.4 35.2
58 77.9 50.6 75.8

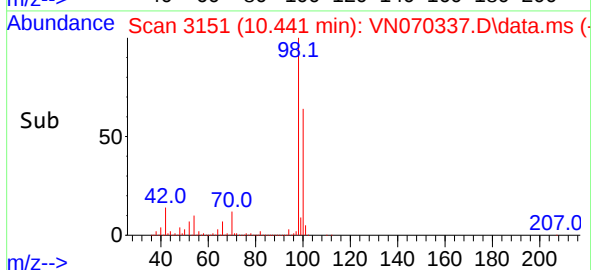
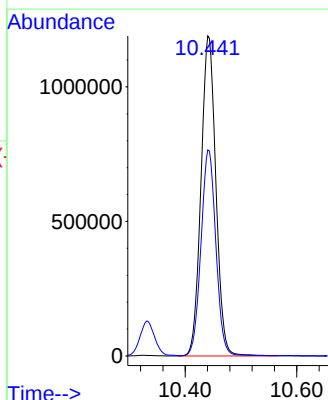
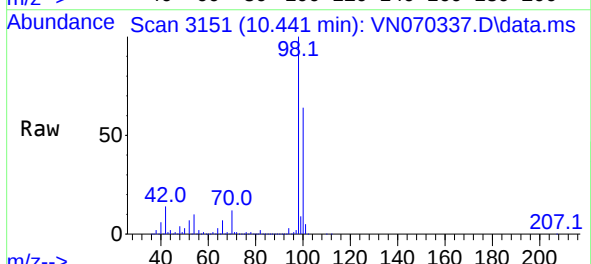
Manual Integrations
APPROVED

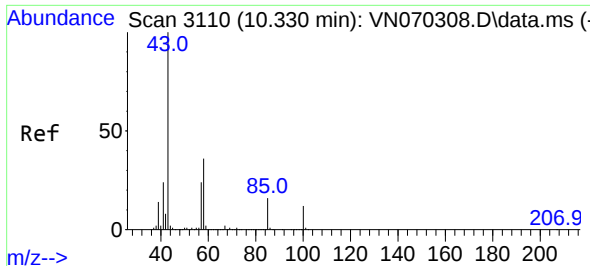
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#50
Toluene-d8
Concen: 50.633 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

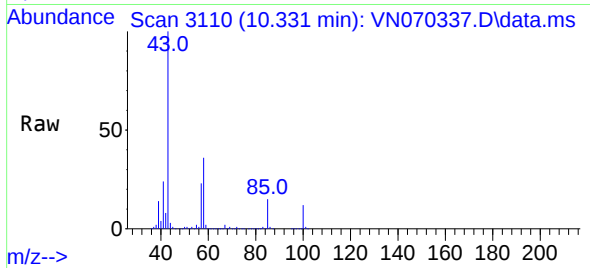
Tgt Ion: 98 Resp: 2204117
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 88.589 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

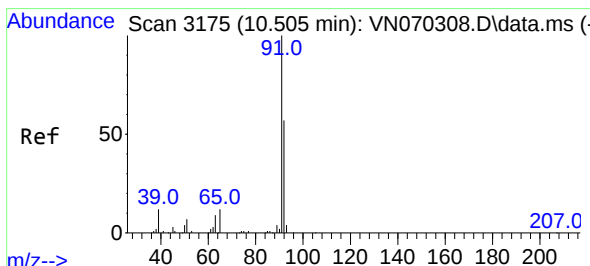
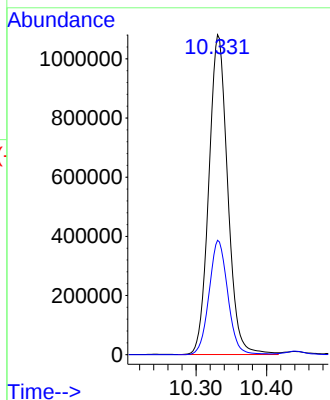
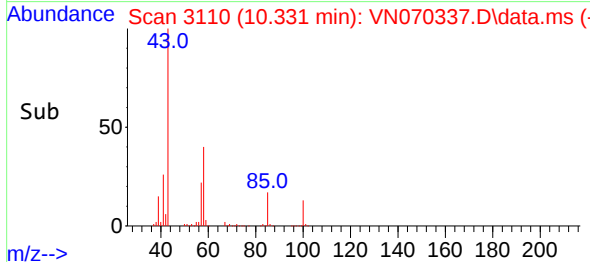
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



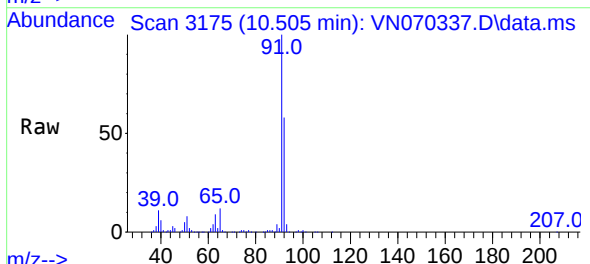
Tgt Ion: 43 Resp: 2005400
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

Manual Integrations
APPROVED

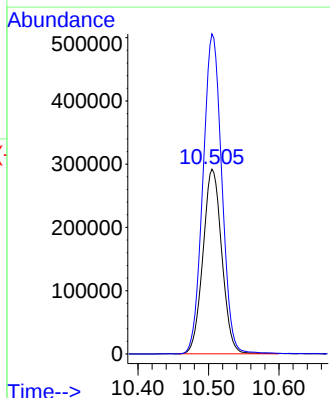
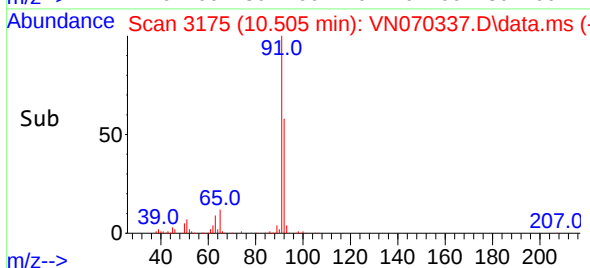
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

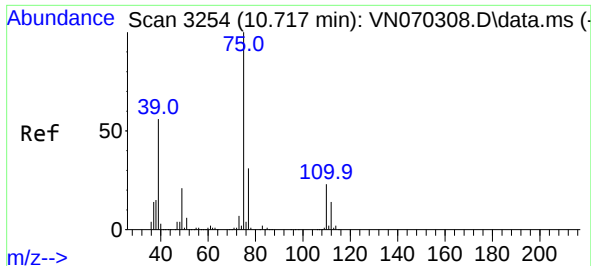


#52
Toluene
Concen: 16.585 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion: 92 Resp: 542533
Ion Ratio Lower Upper
92 100
91 173.7 142.0 213.0





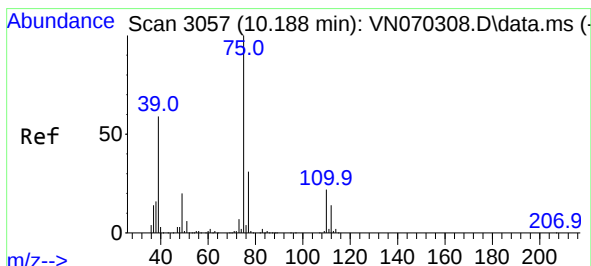
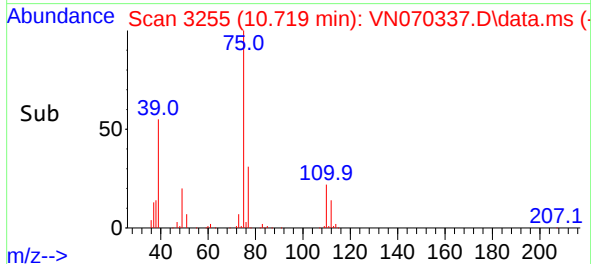
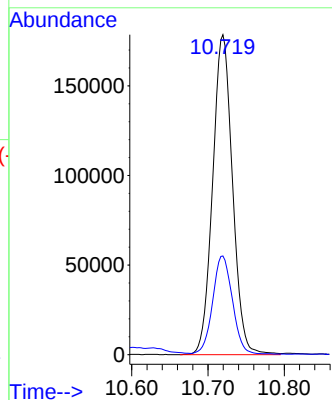
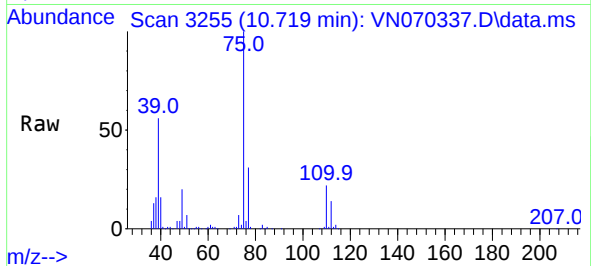
#53
t-1,3-Dichloropropene
Concen: 16.615 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 75 Resp: 32315
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

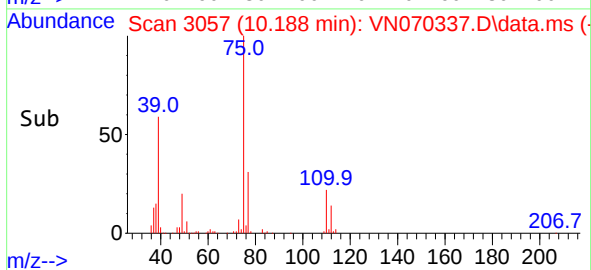
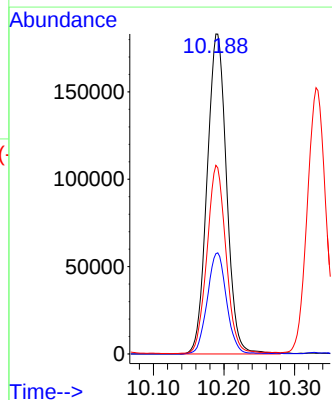
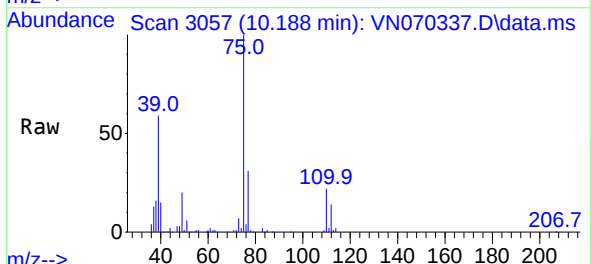
Manual Integrations
APPROVED

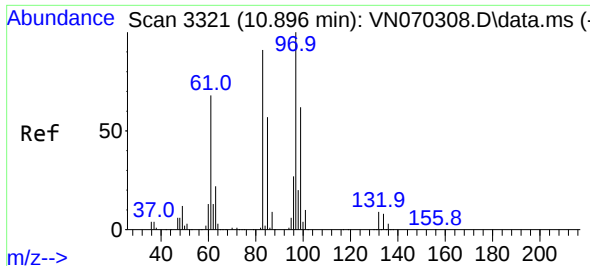
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#54
cis-1,3-Dichloropropene
Concen: 16.708 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

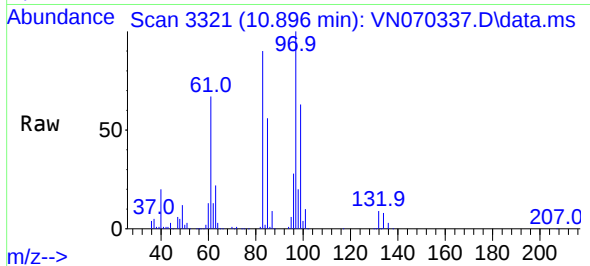
Tgt Ion: 75 Resp: 351537
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 58.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 16.570 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

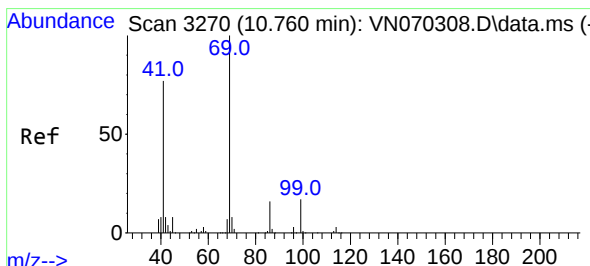
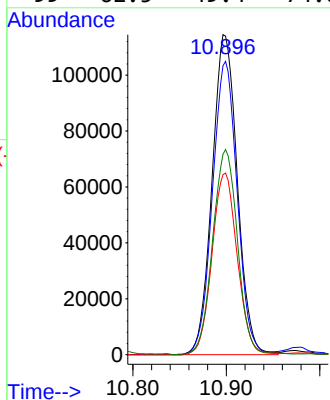
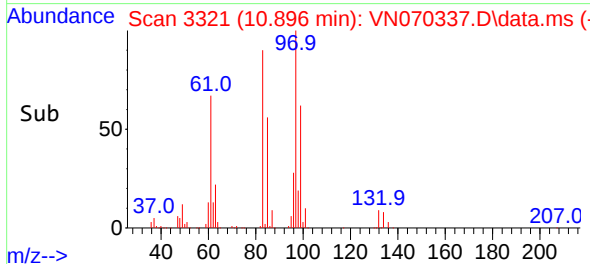
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



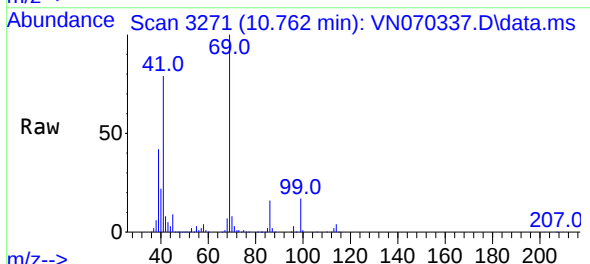
Tgt Ion: 97 Resp: 214464
Ion Ratio Lower Upper
97 100
83 90.3 67.8 101.6
85 56.3 45.4 68.2
99 62.5 49.4 74.0

Manual Integrations
APPROVED

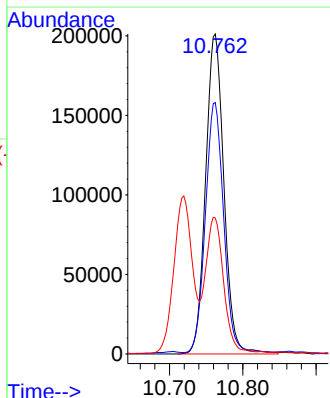
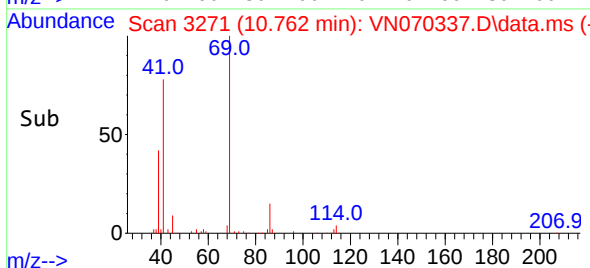
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

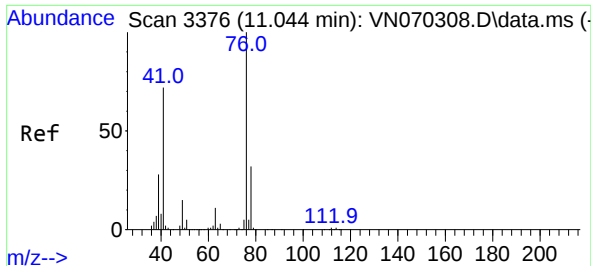


#56
Ethyl methacrylate
Concen: 16.342 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion: 69 Resp: 349502
Ion Ratio Lower Upper
69 100
41 77.7 51.4 77.0#
39 41.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 16.512 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070337.D

Acq: 28 Dec 2021 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBSD01

Tgt Ion: 76 Resp: 378004

Ion Ratio Lower Upper

76 100

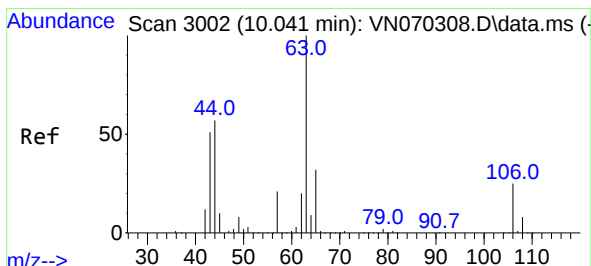
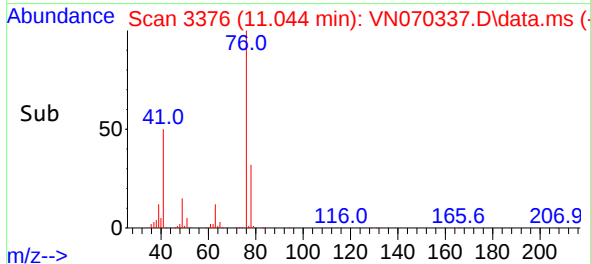
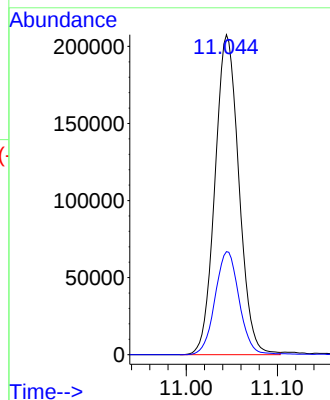
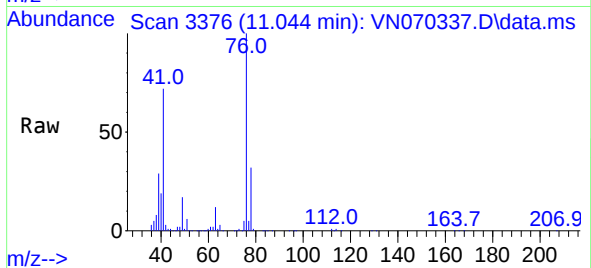
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 93.160 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070337.D

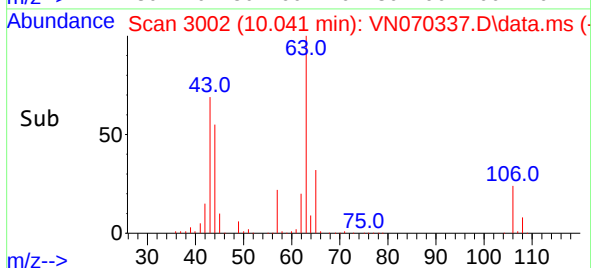
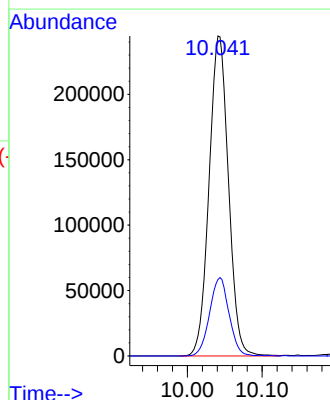
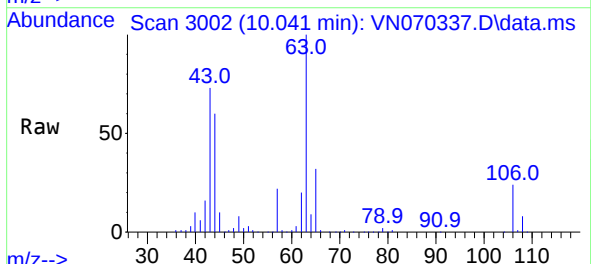
Acq: 28 Dec 2021 20:27

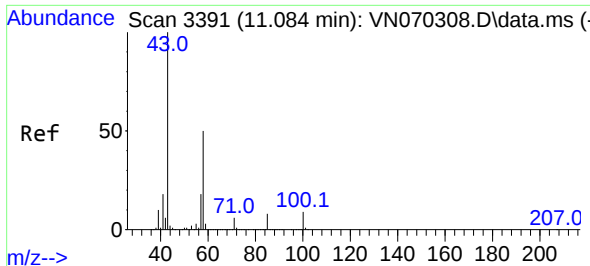
Tgt Ion: 63 Resp: 440381

Ion Ratio Lower Upper

63 100

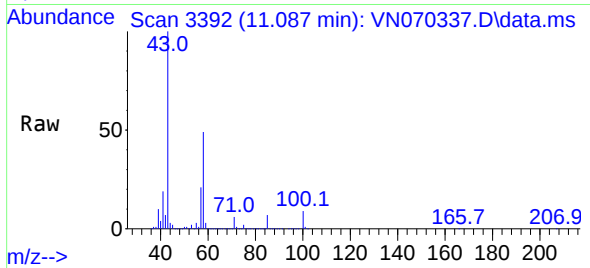
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 90.786 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

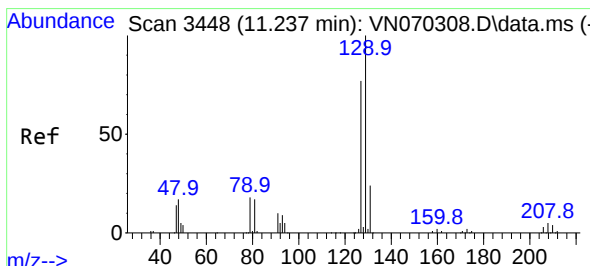
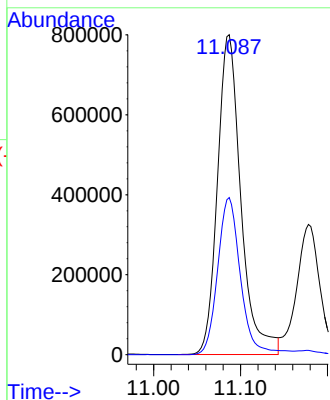
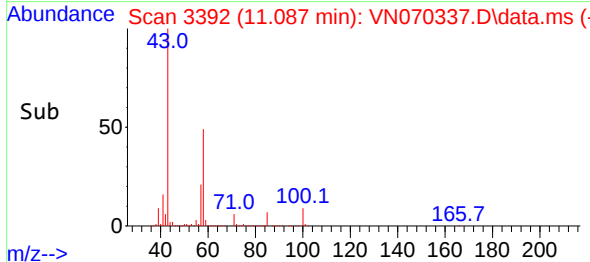
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 43 Resp: 1498692
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

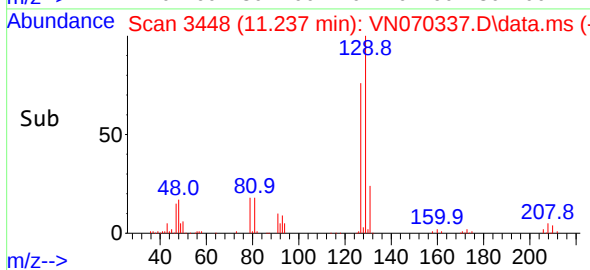
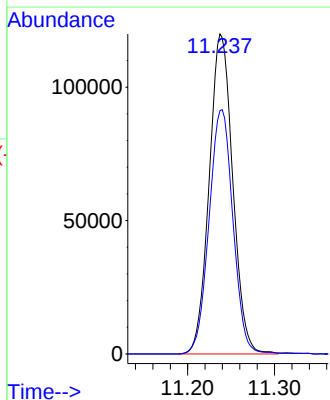
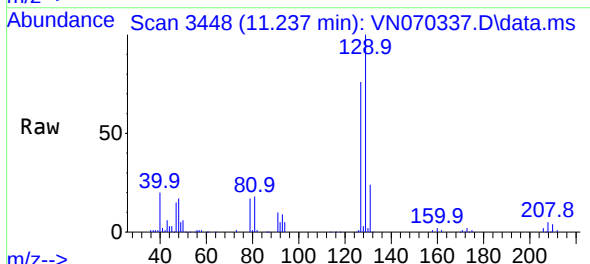
Manual Integrations
APPROVED

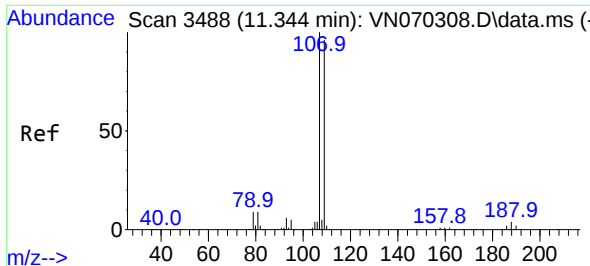
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#60
Dibromochloromethane
Concen: 17.879 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

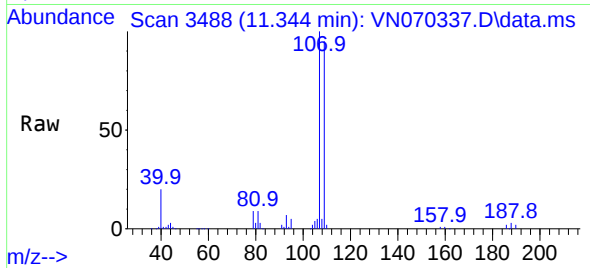
Tgt Ion:129 Resp: 225786
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.451 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

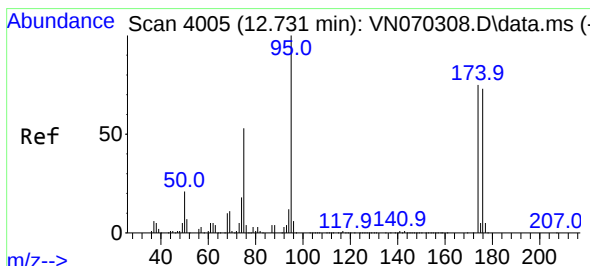
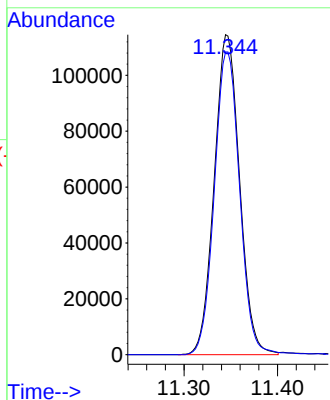
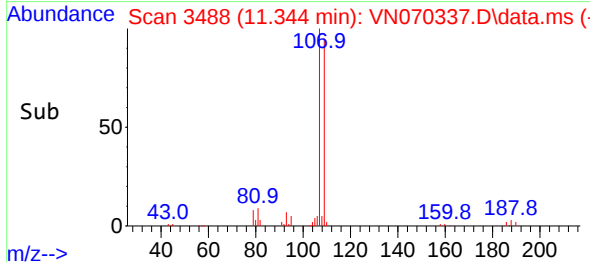
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



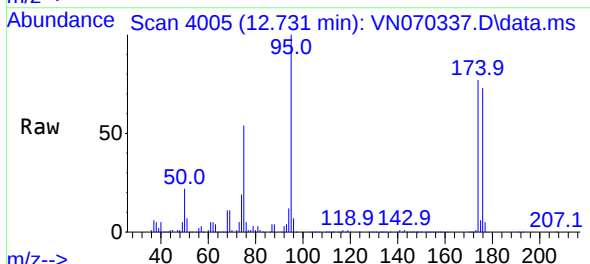
Tgt Ion:107 Resp: 216190
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
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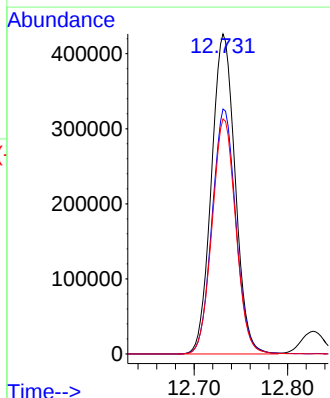
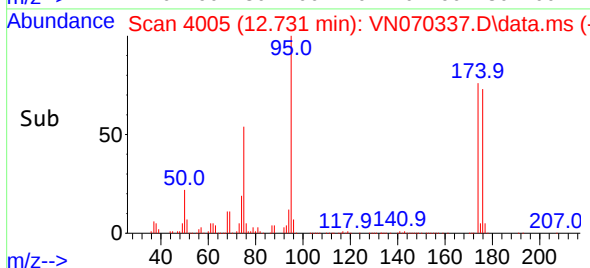
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

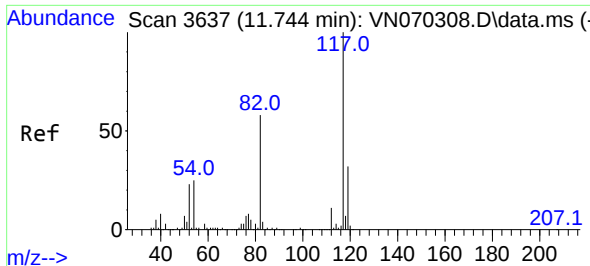


#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



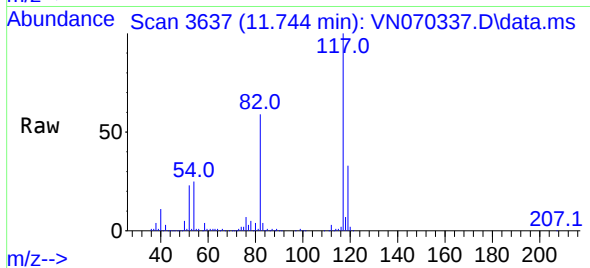
Tgt Ion: 95 Resp: 750027
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

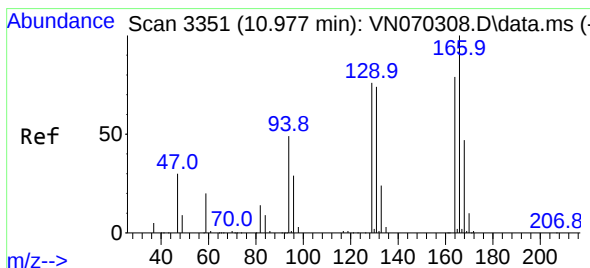
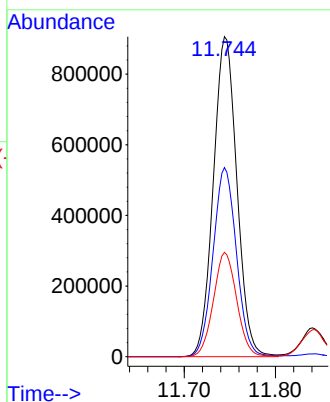
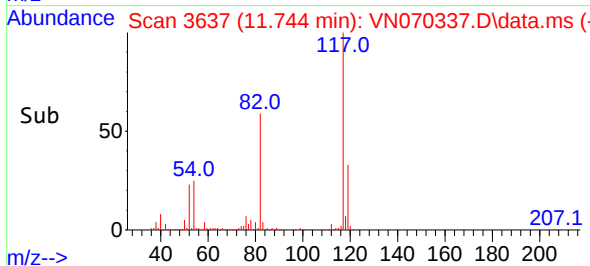
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



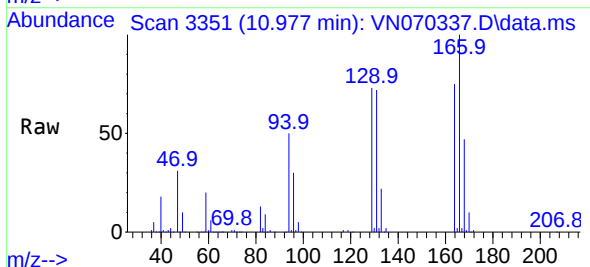
Tgt Ion:117 Resp: 162895
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.6 25.4 38.2

Manual Integrations
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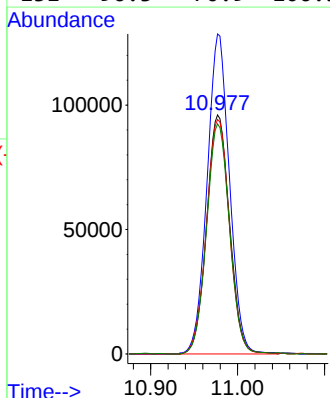
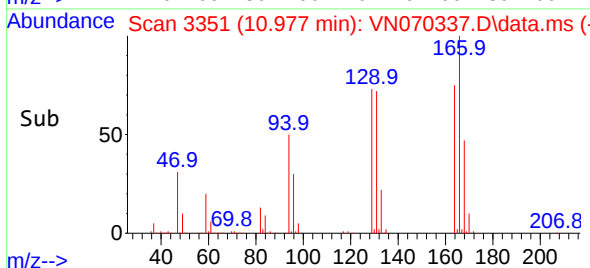
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

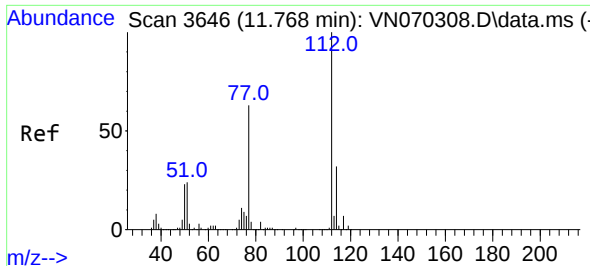


#64
Tetrachloroethene
Concen: 14.951 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



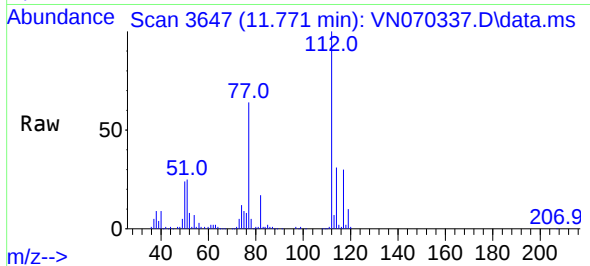
Tgt Ion:164 Resp: 176365
Ion Ratio Lower Upper
164 100
166 133.9 101.9 152.9
129 98.1 72.0 108.0
131 96.3 70.9 106.3





#65
Chlorobenzene
Concen: 16.032 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

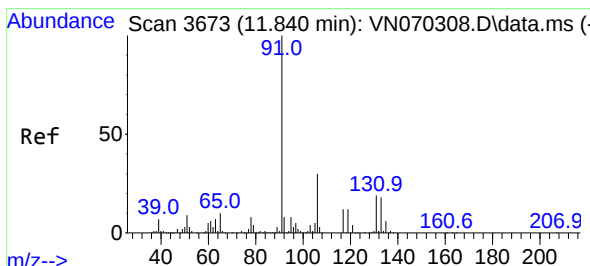
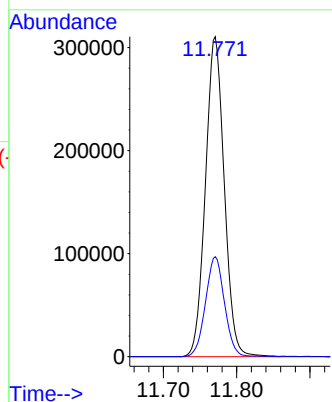
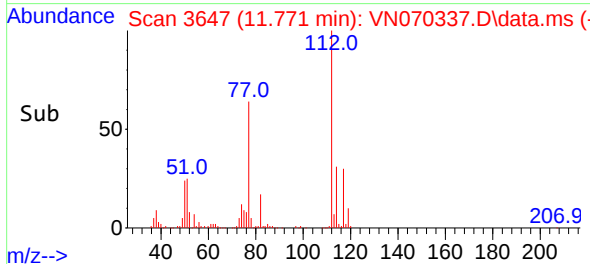
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



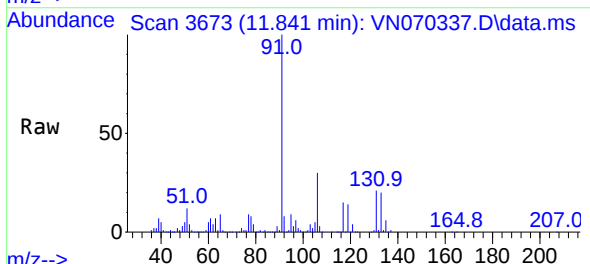
Tgt Ion:112 Resp: 554109
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
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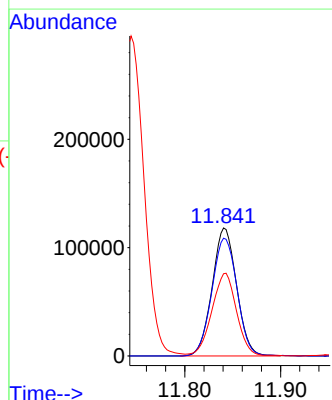
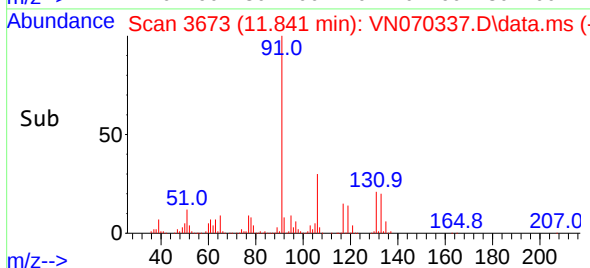
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

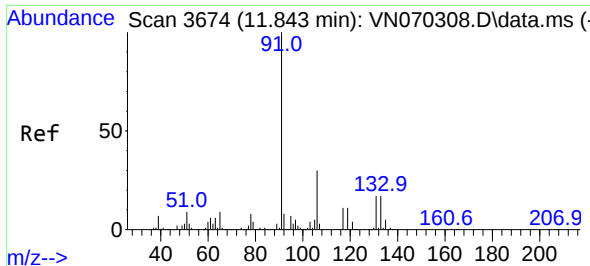


#66
1,1,1,2-Tetrachloroethane
Concen: 16.950 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. 0.001 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion:131 Resp: 209145
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.2 32.1 96.5





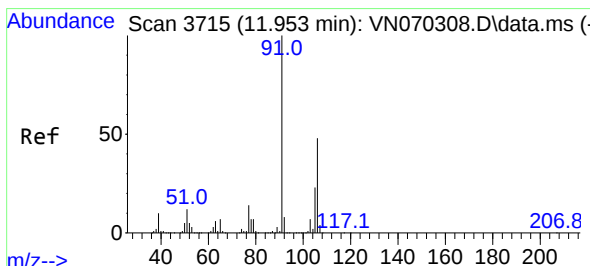
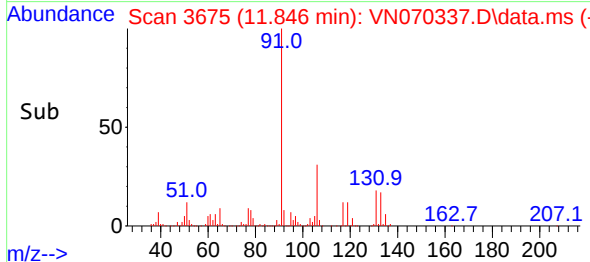
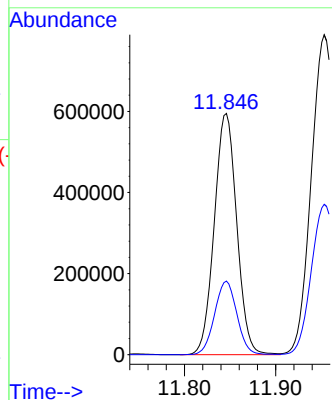
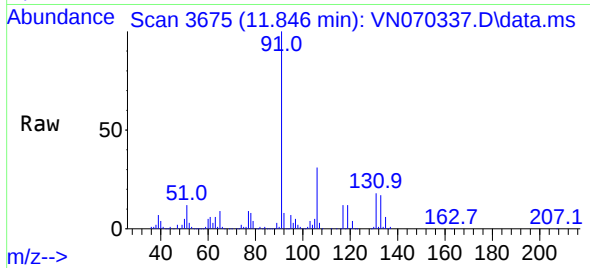
#67
Ethyl Benzene
Concen: 16.081 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 91 Resp: 101836
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

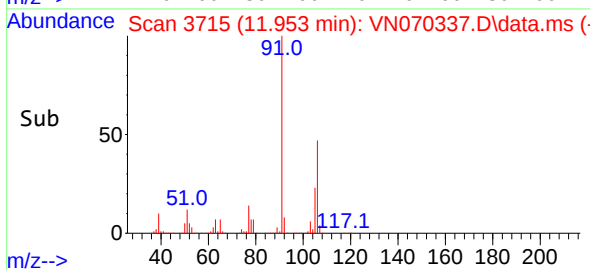
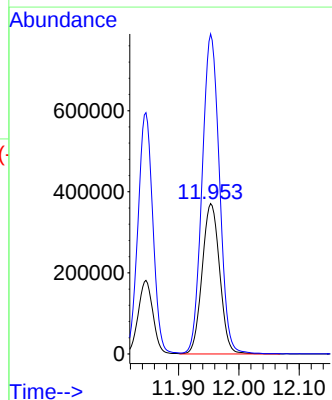
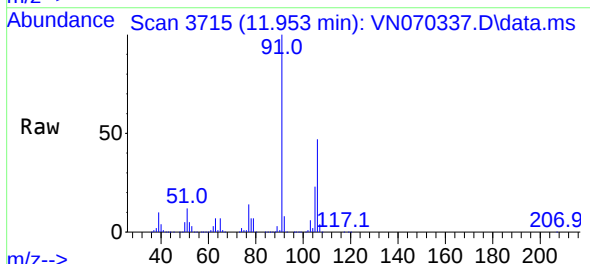
Manual Integrations
APPROVED

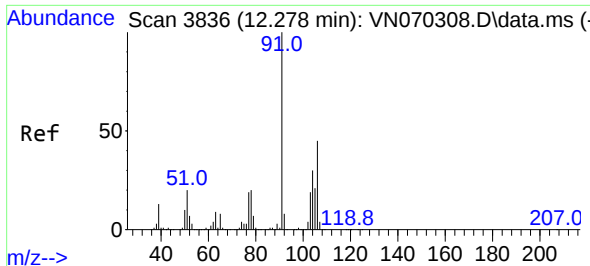
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#68
m/p-Xylenes
Concen: 32.445 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion:106 Resp: 747899
Ion Ratio Lower Upper
106 100
91 210.3 160.6 240.8





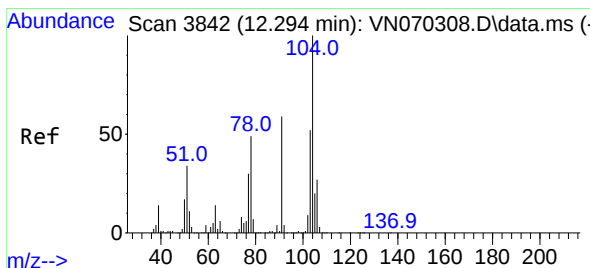
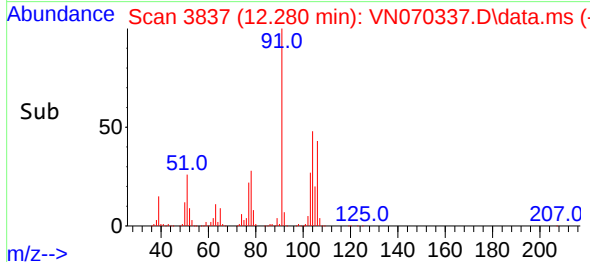
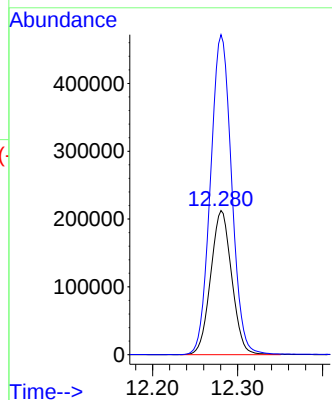
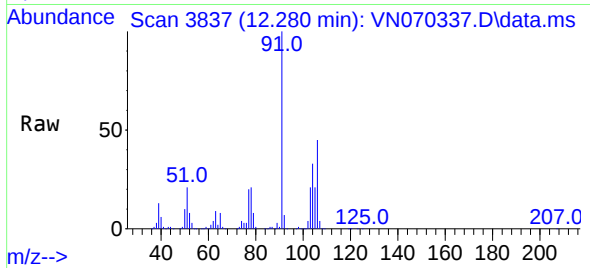
#69
o-Xylene
Concen: 15.949 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion:106 Resp: 365682
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3

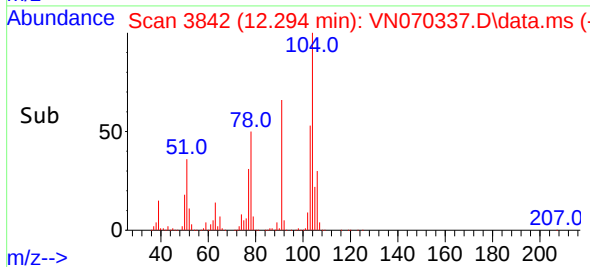
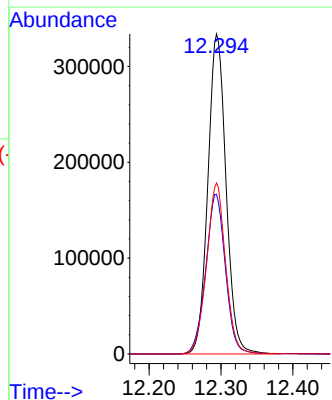
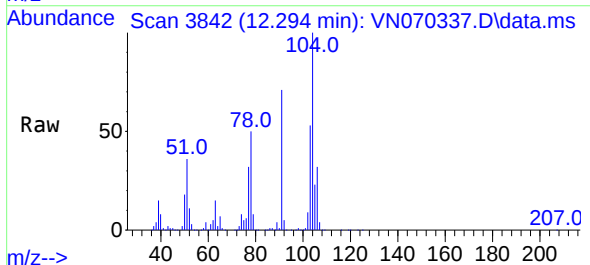
Manual Integrations
APPROVED

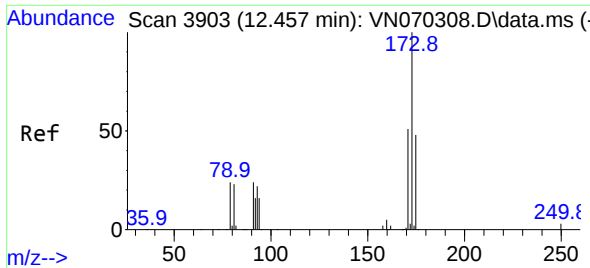
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#70
Styrene
Concen: 16.200 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

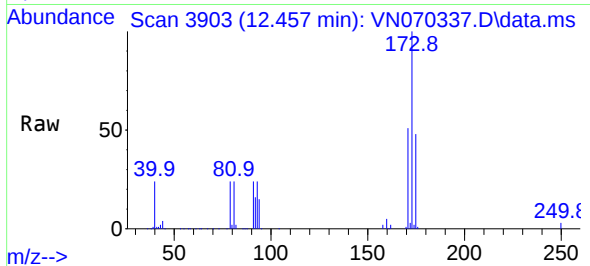
Tgt Ion:104 Resp: 587872
Ion Ratio Lower Upper
104 100
78 54.0 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 18.655 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

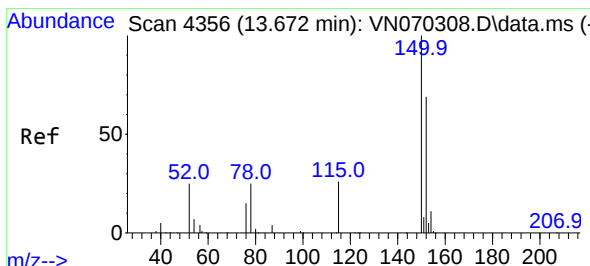
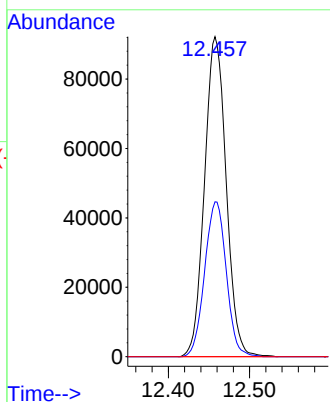
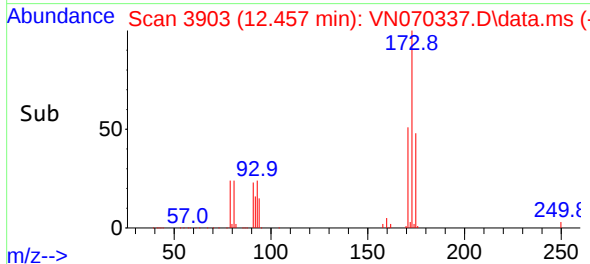
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



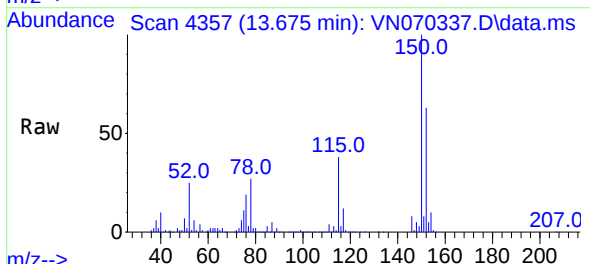
Tgt Ion:173 Resp: 170820
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

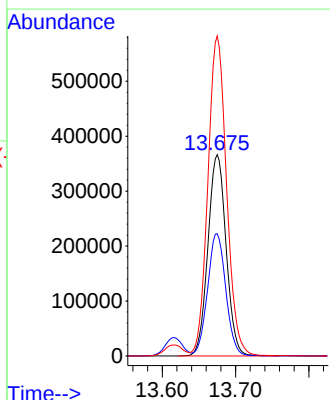
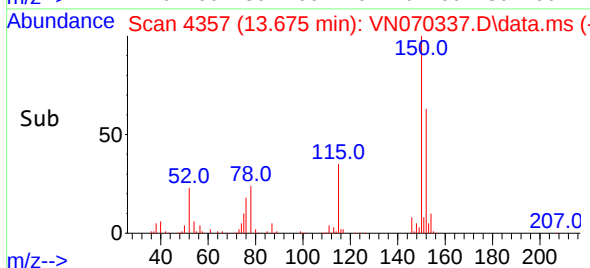
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

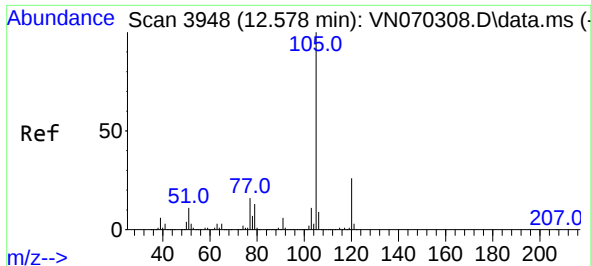


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



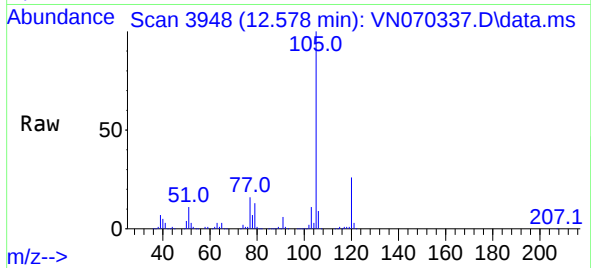
Tgt Ion:152 Resp: 632256
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 163.2 0.0 344.4





#73
Isopropylbenzene
Concen: 16.090 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

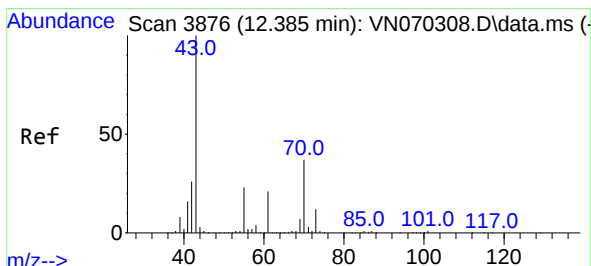
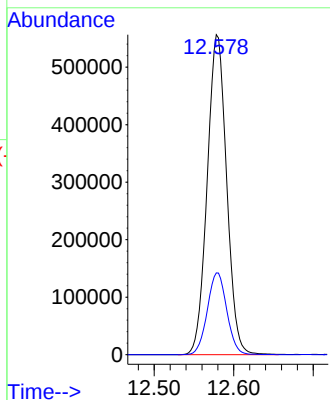
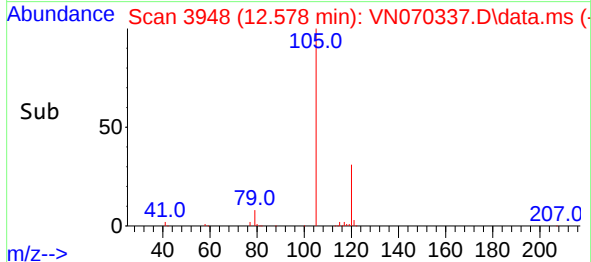
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



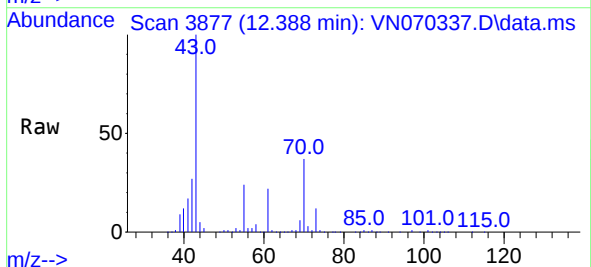
Tgt Ion:105 Resp: 944709
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

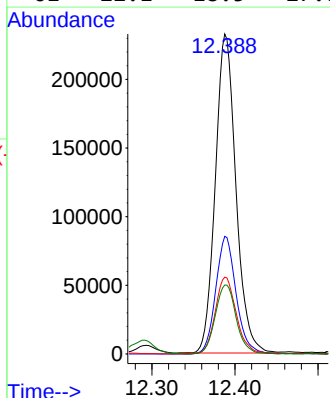
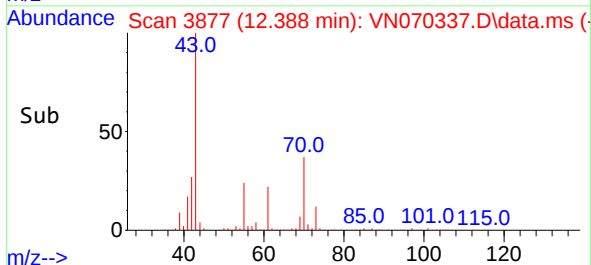
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

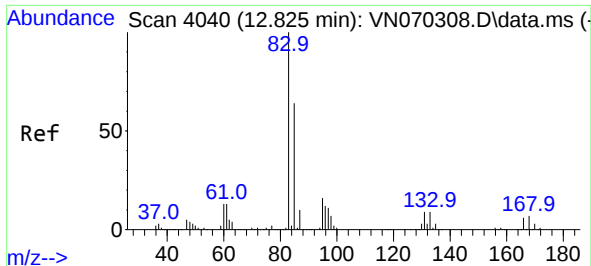


#74
N-ethyl acetate
Concen: 16.262 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



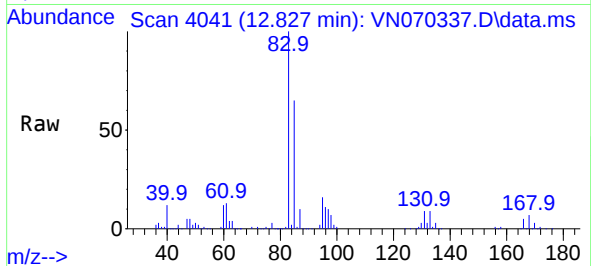
Tgt Ion: 43 Resp: 401464
Ion Ratio Lower Upper
43 100
70 36.6 33.4 50.0
55 24.7 19.3 28.9
61 22.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 16.608 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

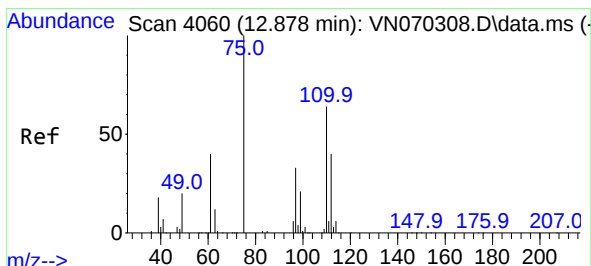
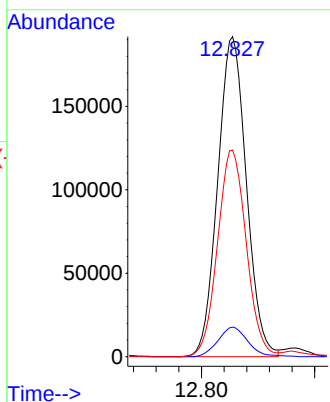
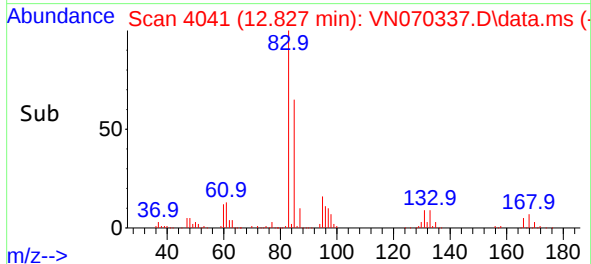
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



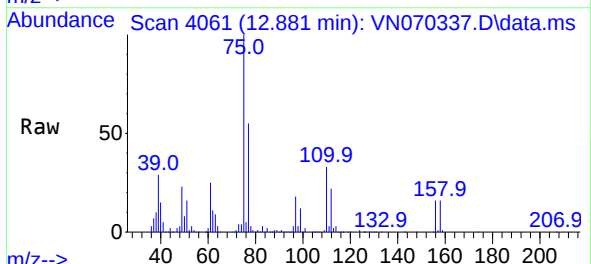
Tgt Ion: 83 Resp: 336878
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 64.7 32.4 97.2

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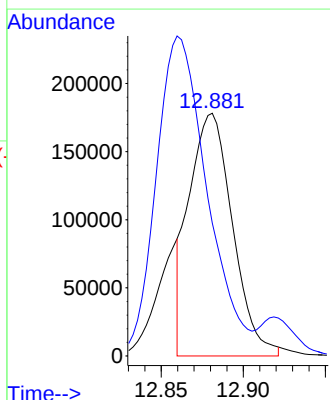
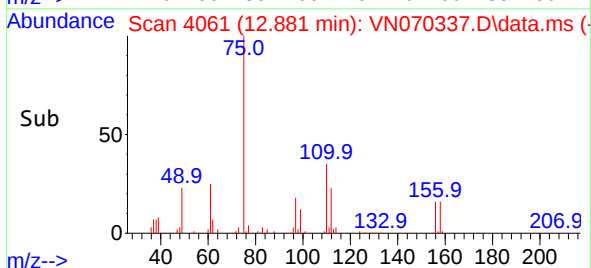
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

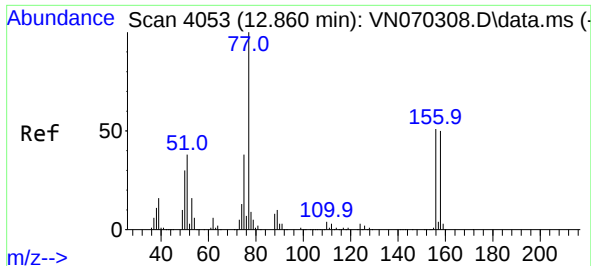


#76
1,2,3-Trichloropropane
Concen: 19.265 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



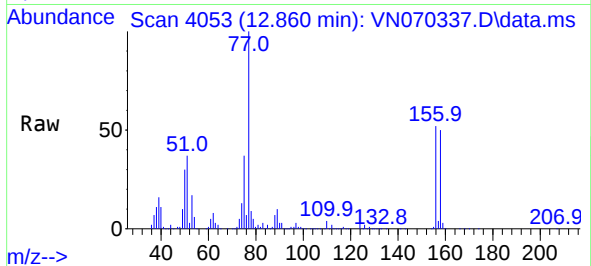
Tgt Ion: 75 Resp: 327318
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 16.215 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

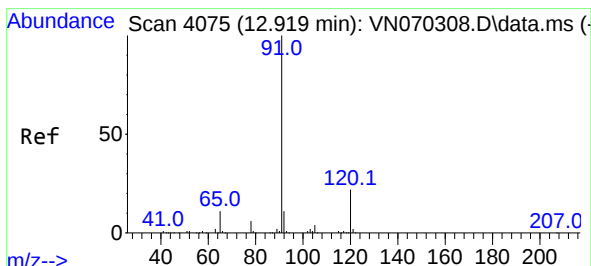
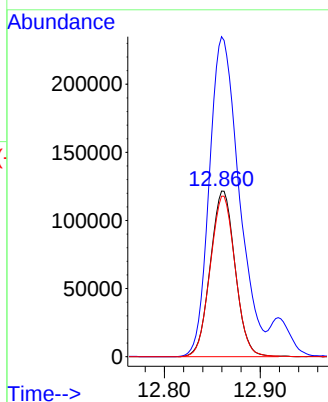
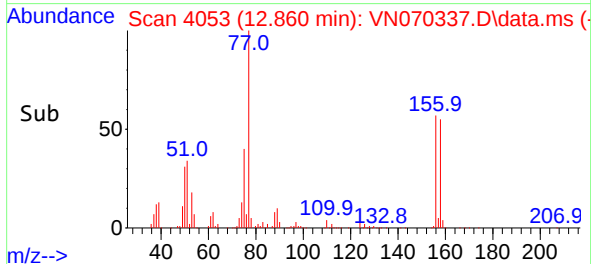
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



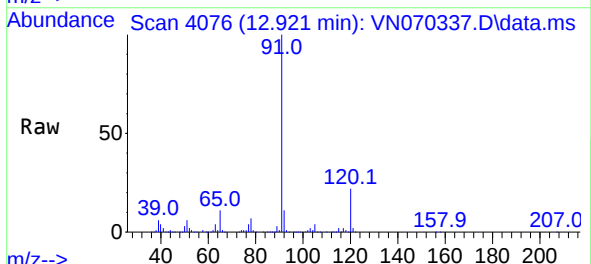
Tgt Ion:156 Resp: 21858
Ion Ratio Lower Upper
156 100
77 231.5 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
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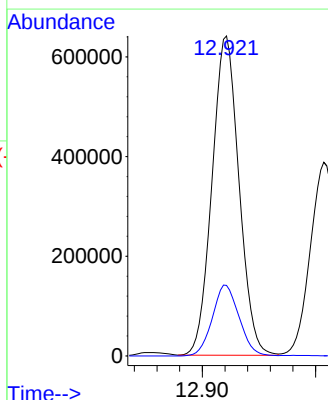
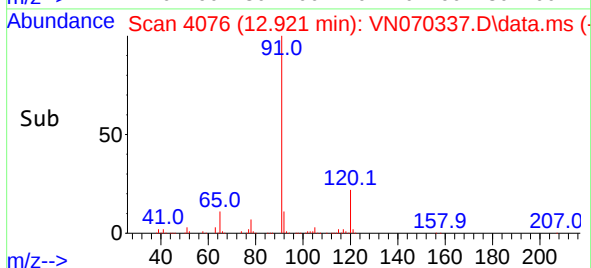
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

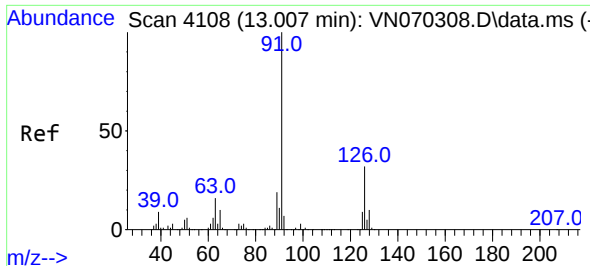


#78
n-propylbenzene
Concen: 16.257 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion: 91 Resp: 1057564
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





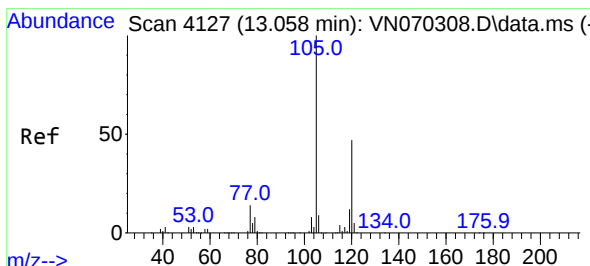
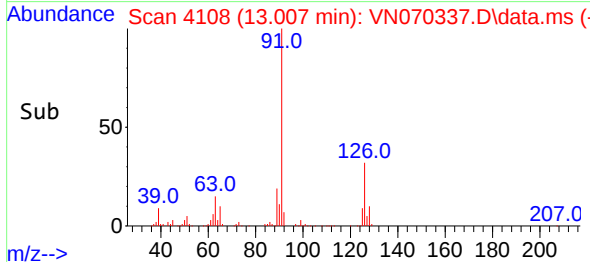
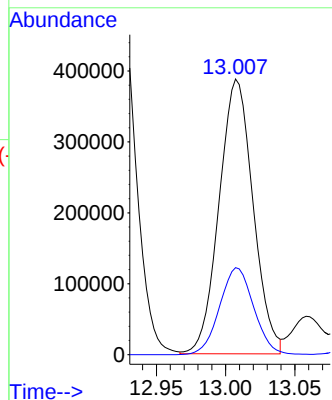
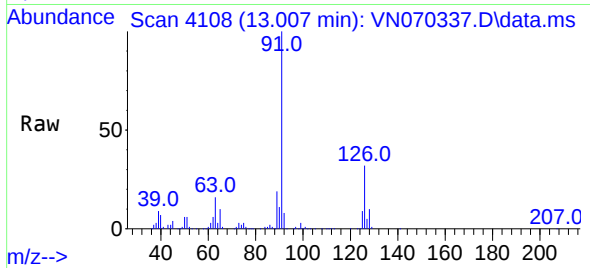
#79
2-Chlorotoluene
Concen: 15.860 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 91 Resp: 662020
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

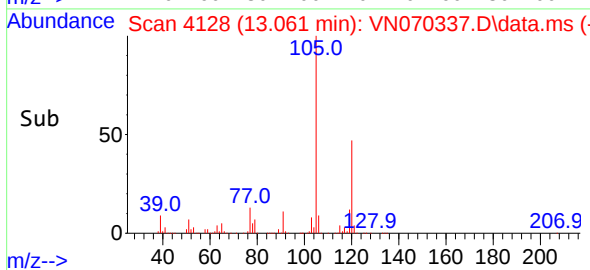
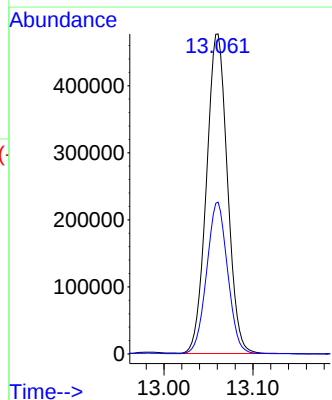
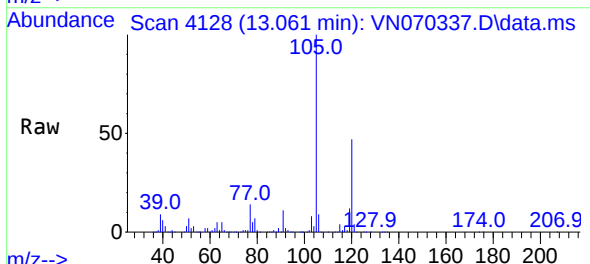
Manual Integrations
APPROVED

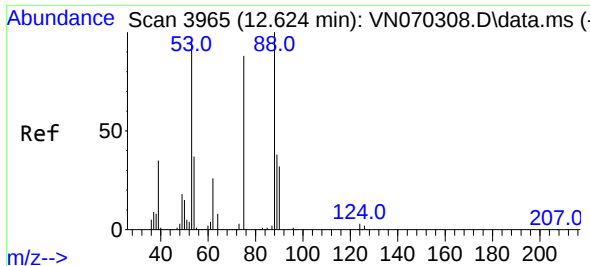
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 16.552 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

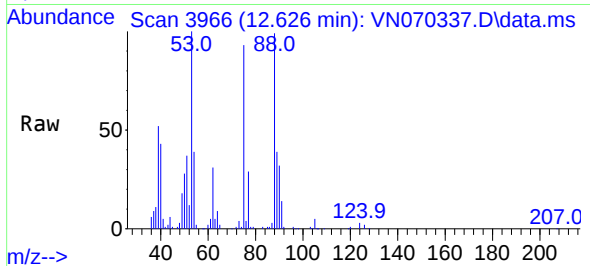
Tgt Ion:105 Resp: 778808
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.670 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

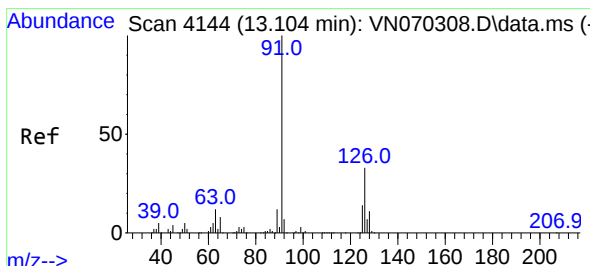
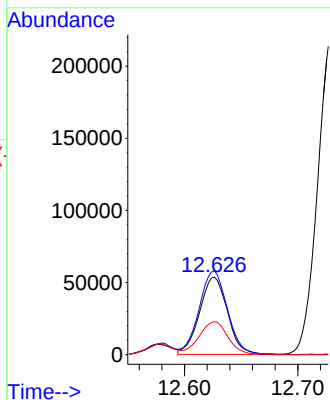
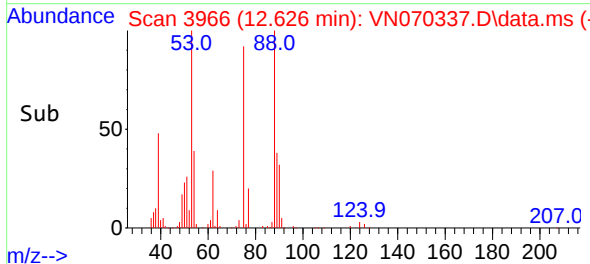
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



Tgt Ion: 75 Resp: 91440
Ion Ratio Lower Upper
75 100
53 109.9 90.5 135.7
89 44.7 38.2 57.4

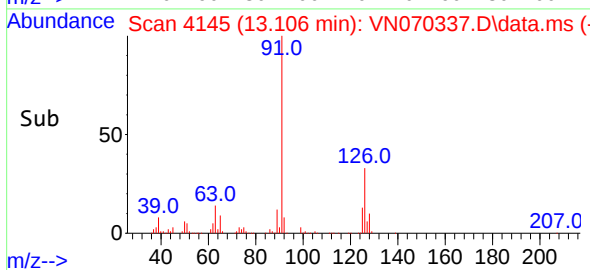
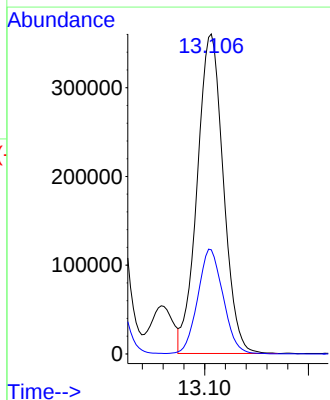
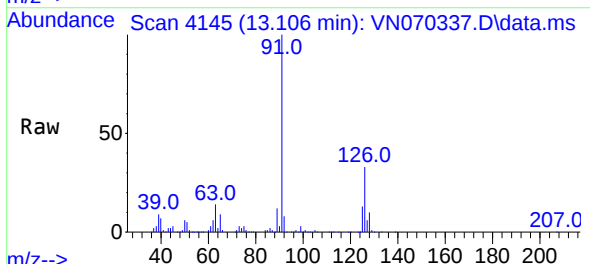
Manual Integrations
APPROVED

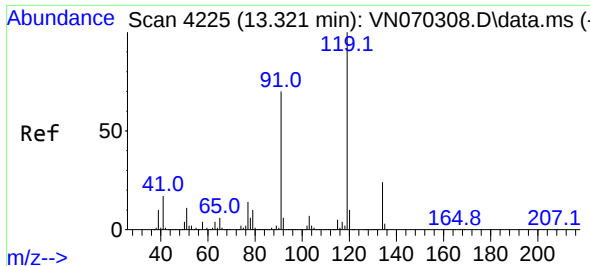
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#82
4-Chlorotoluene
Concen: 16.079 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.002 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

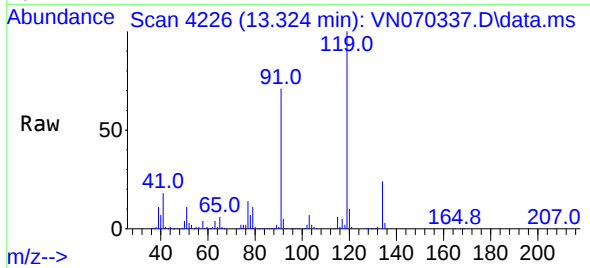
Tgt Ion: 91 Resp: 628685
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 15.563 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

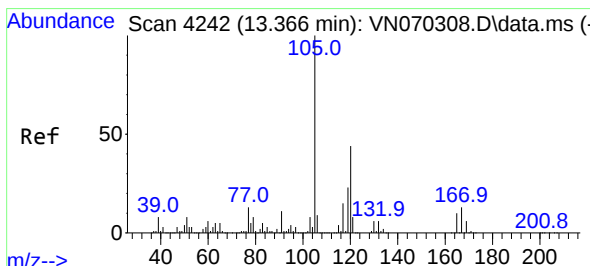
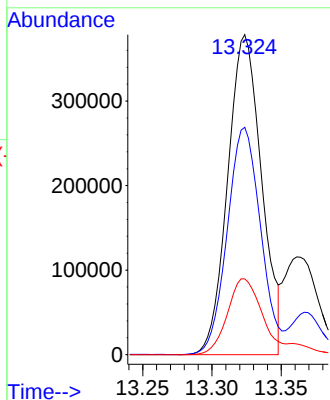
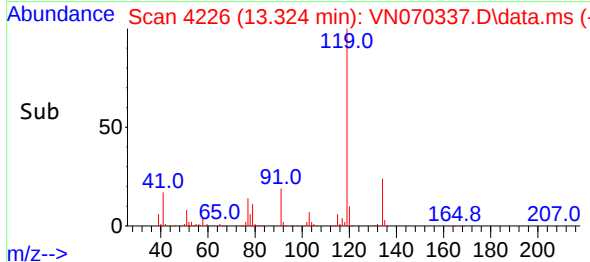
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



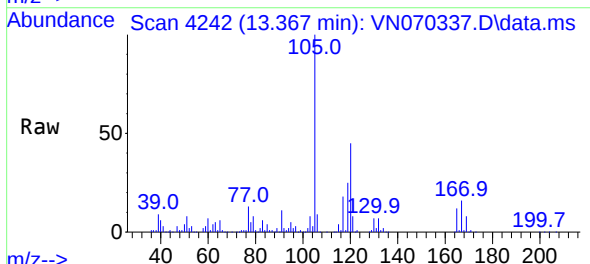
Tgt Ion:119 Resp: 644772
Ion Ratio Lower Upper
119 100
91 70.0 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

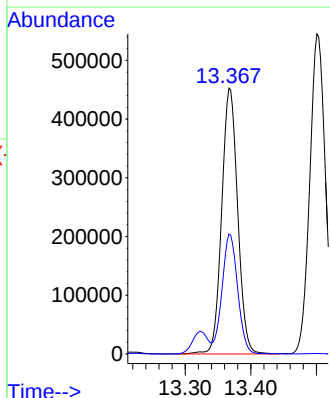
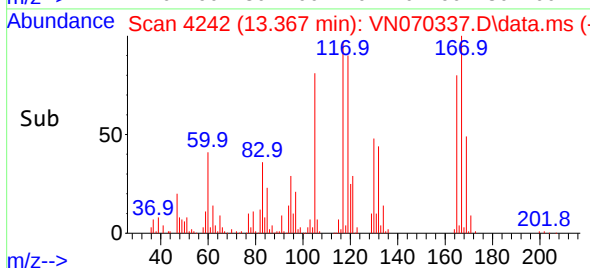
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

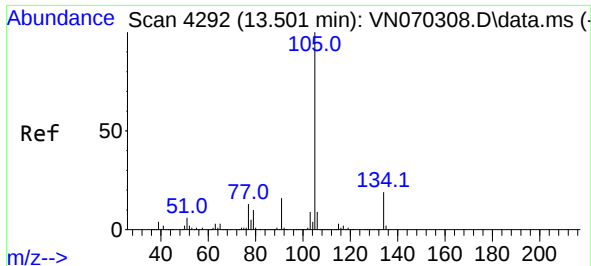


#84
1,2,4-Trimethylbenzene
Concen: 16.895 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



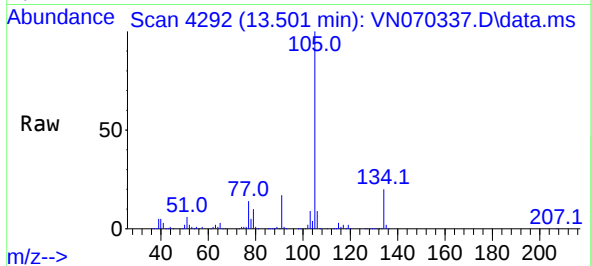
Tgt Ion:105 Resp: 765452
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 16.057 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070337.D
 Acq: 28 Dec 2021 20:27

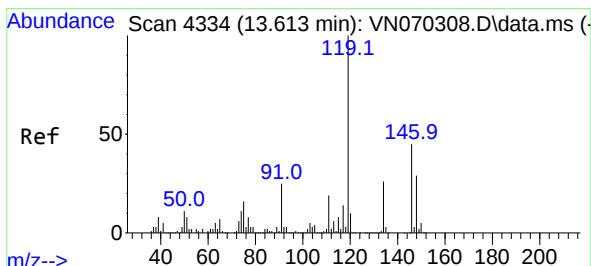
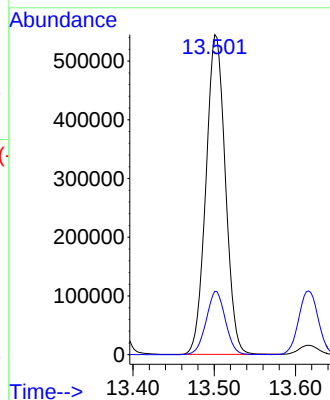
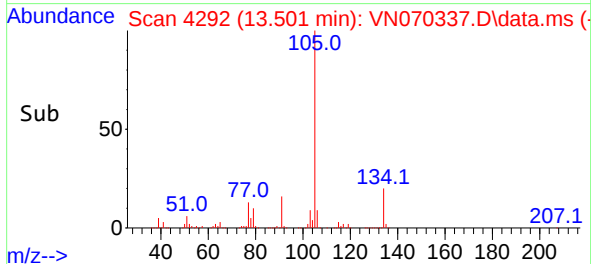
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD01



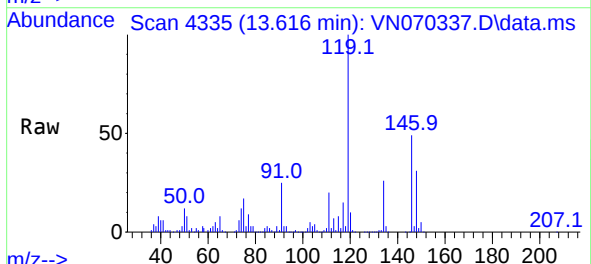
Tgt Ion:105 Resp: 903179
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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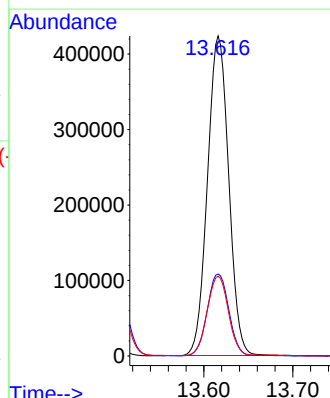
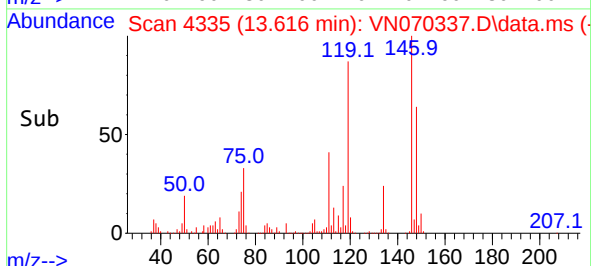
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

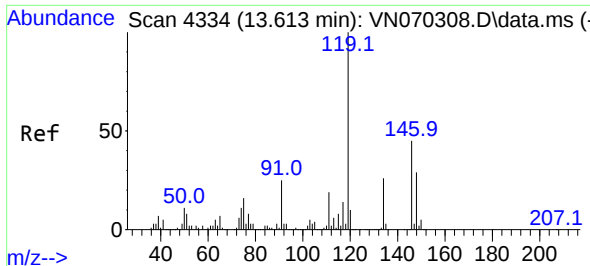


#86
 p-Isopropyltoluene
 Concen: 15.847 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070337.D
 Acq: 28 Dec 2021 20:27



Tgt Ion:119 Resp: 700178
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.9 11.4 34.1





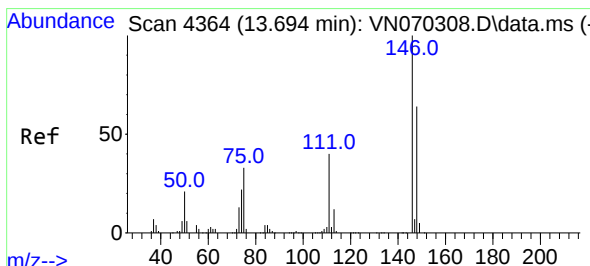
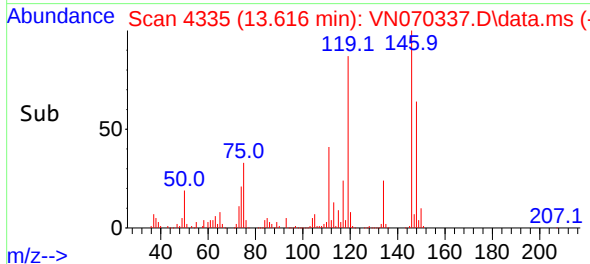
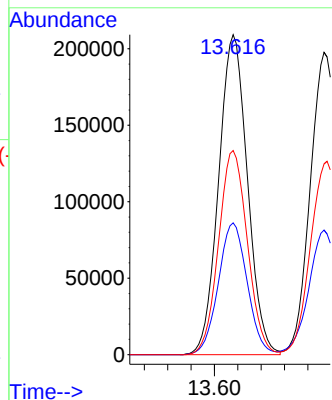
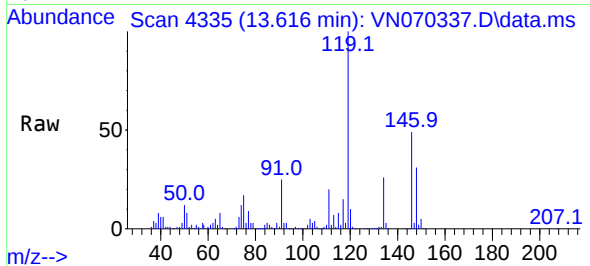
#87
1,3-Dichlorobenzene
Concen: 15.864 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion:146 Resp: 357978
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.9 31.6 95.0

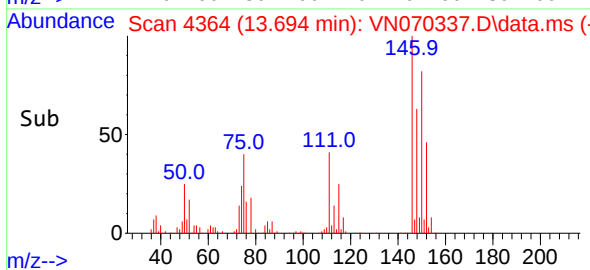
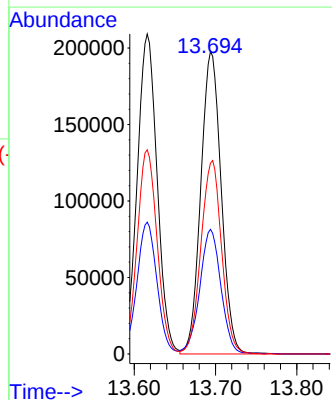
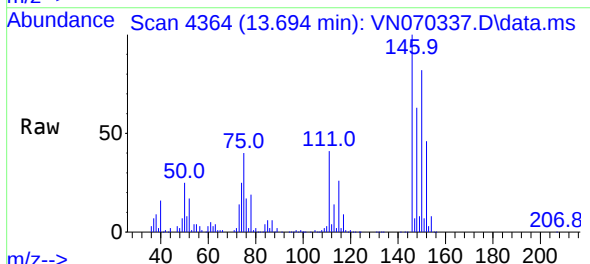
Manual Integrations
APPROVED

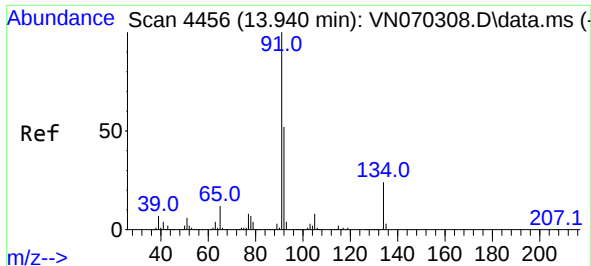
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#88
1,4-Dichlorobenzene
Concen: 15.495 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Tgt Ion:146 Resp: 344912
Ion Ratio Lower Upper
146 100
111 42.3 18.3 54.8
148 64.8 31.8 95.4





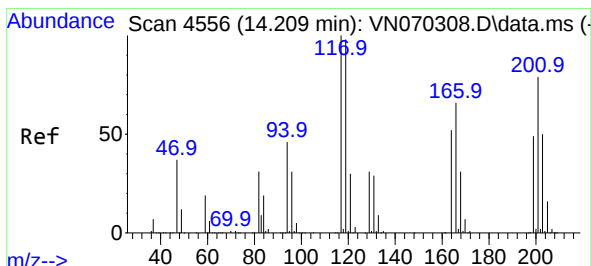
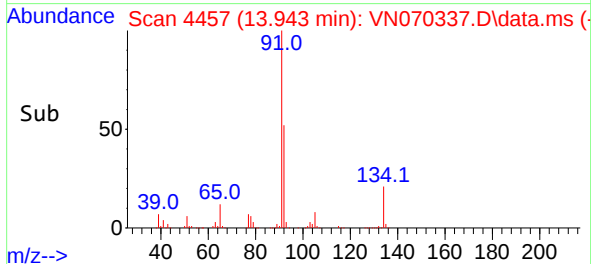
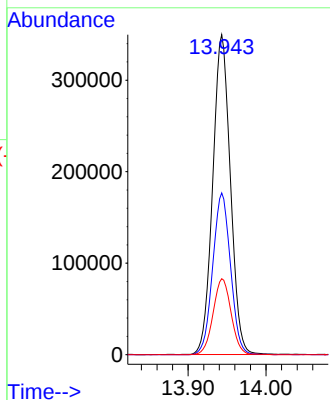
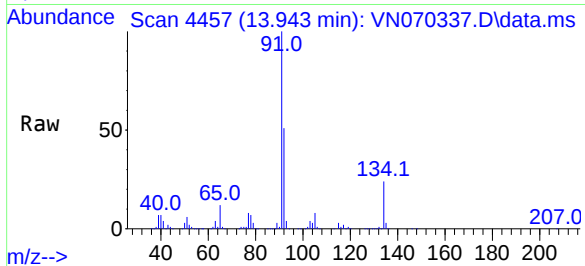
#89
n-Butylbenzene
Concen: 14.918 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01

Tgt Ion: 91 Resp: 549790
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.0
134 24.3 13.6 40.8

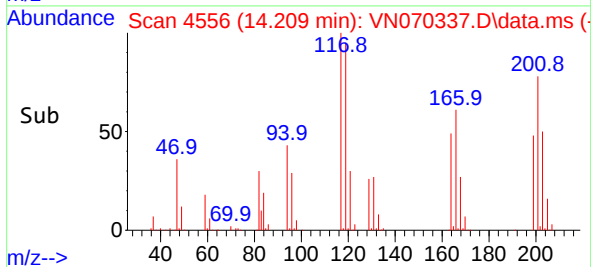
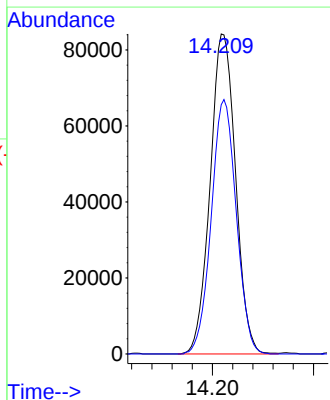
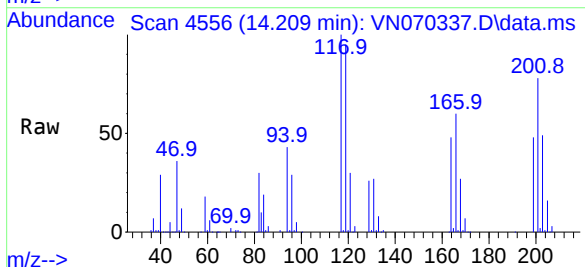
Manual Integrations
APPROVED

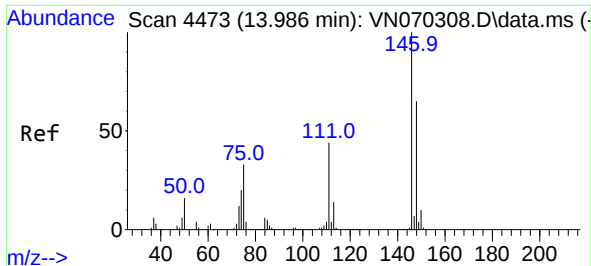
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#90
Hexachloroethane
Concen: 19.151 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

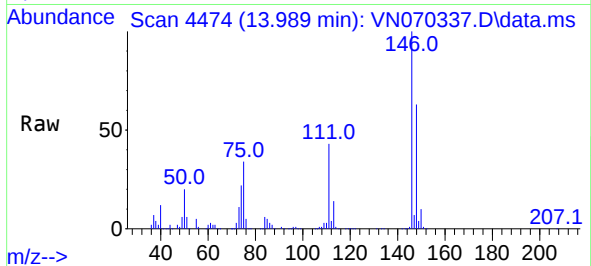
Tgt Ion:117 Resp: 147003
Ion Ratio Lower Upper
117 100
201 78.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 15.940 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

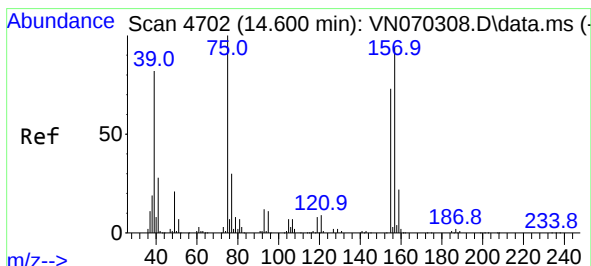
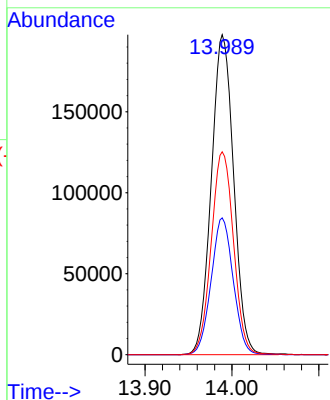
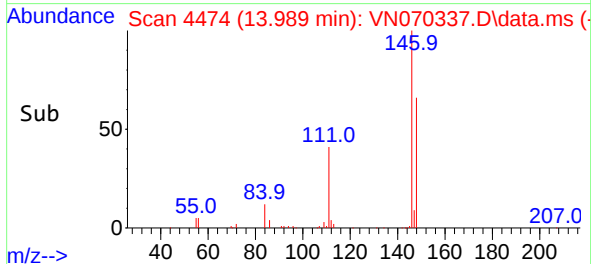
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



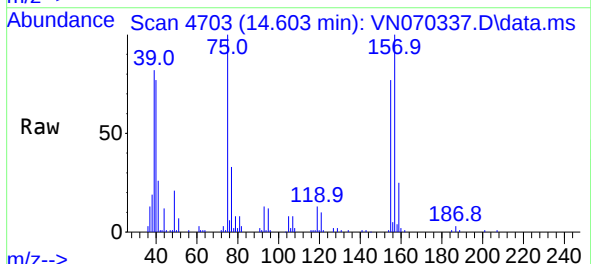
Tgt Ion:146 Resp: 352619
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations
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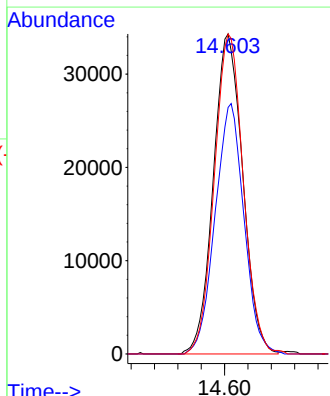
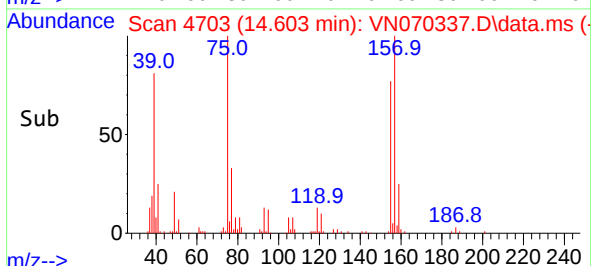
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

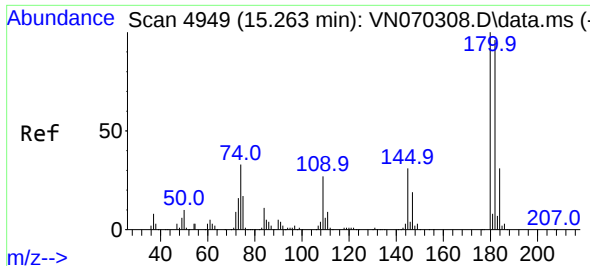


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.624 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



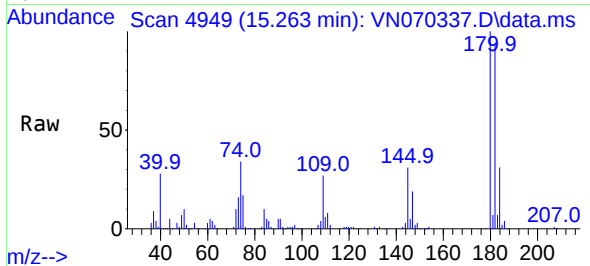
Tgt Ion: 75 Resp: 59944
Ion Ratio Lower Upper
75 100
155 77.0 46.9 140.7
157 98.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 14.592 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

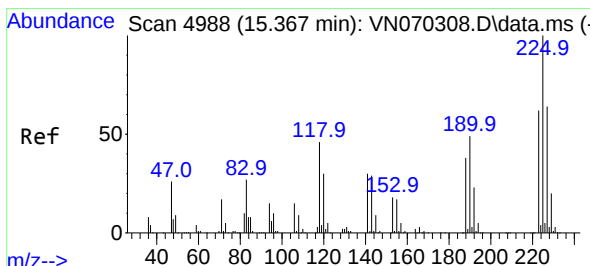
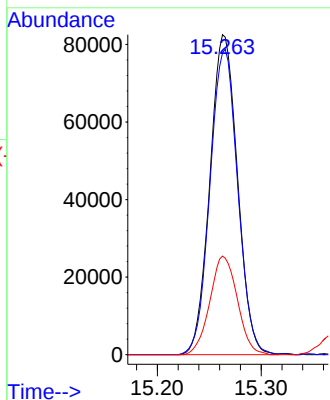
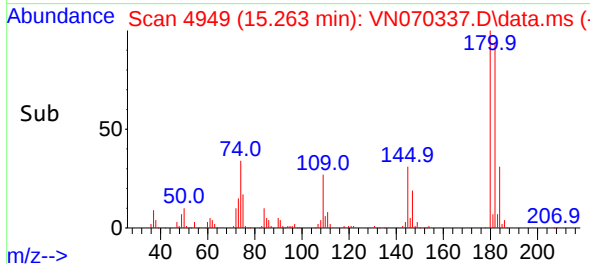
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



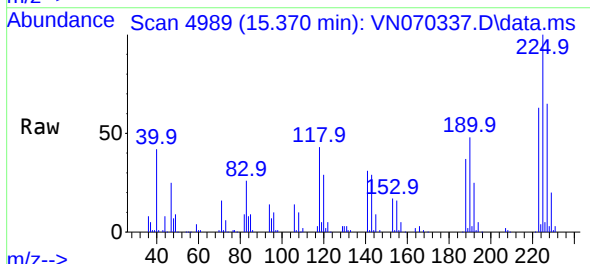
Tgt Ion:180 Resp: 15209
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
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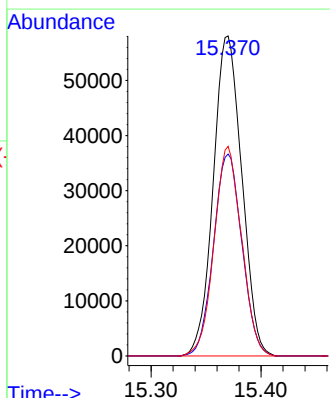
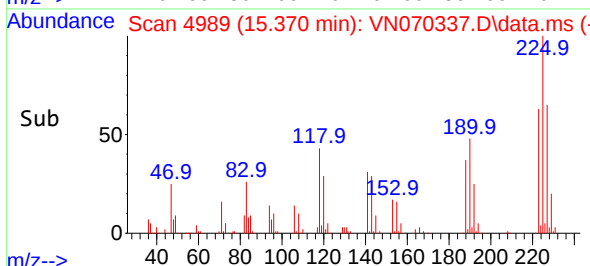
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

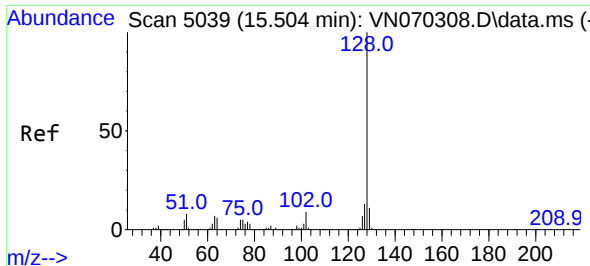


#94
Hexachlorobutadiene
Concen: 17.308 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



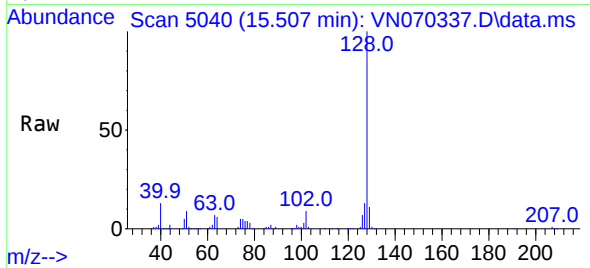
Tgt Ion:225 Resp: 104852
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 63.0 32.1 96.3





#95
Naphthalene
Concen: 14.918 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27

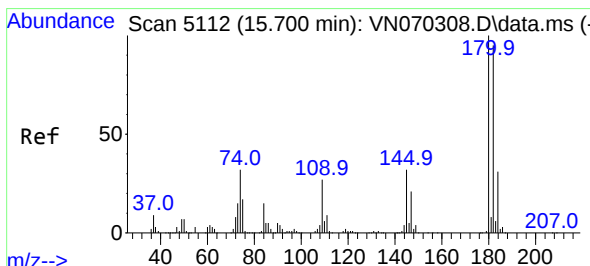
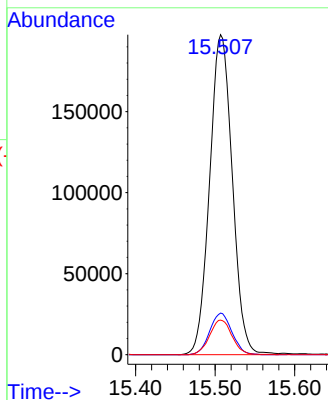
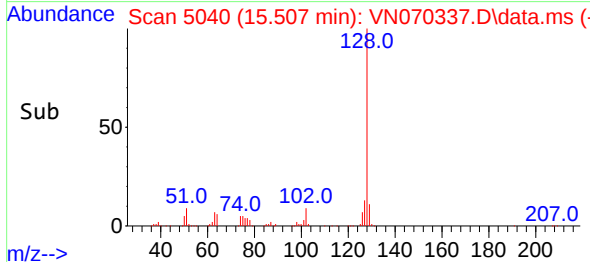
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBSD01



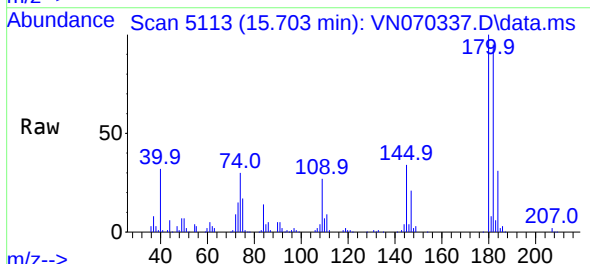
Tgt Ion:128 Resp: 392086
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 15.428 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN070337.D
Acq: 28 Dec 2021 20:27



Tgt Ion:180 Resp: 148028
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 33.1 15.0 45.1

