

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070209.D
 Acq On : 18 Dec 2021 13:28
 Operator : JC/MD
 Sample : VN1218MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 19 08:43:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	930612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1478071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1337571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	583500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	693768	48.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.56%		
35) Dibromofluoromethane	8.021	113	482877	52.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.32%		
50) Toluene-d8	10.440	98	1863551	50.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.26%		
62) 4-Bromofluorobenzene	12.731	95	695785	51.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	175638	16.18	ug/l	97
3) Chloromethane	2.303	50	231173	17.00	ug/l	100
4) Vinyl Chloride	2.448	62	206969	16.55	ug/l	96
5) Bromomethane	2.867	94	125583	18.49	ug/l	96
6) Chloroethane	3.025	64	128838	16.82	ug/l	98
7) Trichlorofluoromethane	3.379	101	272979	16.63	ug/l	98
8) Diethyl Ether	3.824	74	122722	19.42	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	178198	19.37	ug/l	96
10) Methyl Iodide	4.419	142	172211	13.70	ug/l	99
11) Tert butyl alcohol	5.380	59	230097	84.72	ug/l	99
12) 1,1-Dichloroethene	4.183	96	160763	18.14	ug/l	91
13) Acrolein	4.041	56	204377	88.36	ug/l	97
14) Allyl chloride	4.838	41	379234	18.99	ug/l #	90
15) Acrylonitrile	5.557	53	682097	93.20	ug/l	100
16) Acetone	4.288	43	846700	97.96	ug/l	98
17) Carbon Disulfide	4.529	76	350709	15.31	ug/l	100
18) Methyl Acetate	4.859	43	474204	18.18	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	667632	19.37	ug/l	97
20) Methylene Chloride	5.095	84	207345	18.05	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	168344	17.48	ug/l	87
22) Diisopropyl ether	6.498	45	813695	20.84	ug/l #	94
23) Vinyl Acetate	6.436	43	3120311	98.24	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	394854	19.52	ug/l	98
25) 2-Butanone	7.337	43	1074110	91.46	ug/l #	89
26) 2,2-Dichloropropane	7.327	77	308741	19.63	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	215673	18.54	ug/l	84
28) Bromochloromethane	7.659	49	214220	20.37	ug/l #	76
29) Tetrahydrofuran	7.689	42	658578	92.35	ug/l	87
30) Chloroform	7.817	83	396460	19.41	ug/l	99
31) Cyclohexane	8.094	56	360869	18.05	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	320880	18.44	ug/l	96
36) 1,1-Dichloropropene	8.220	75	270171	19.20	ug/l	96
37) Ethyl Acetate	7.415	43	408466	19.50	ug/l	95
38) Carbon Tetrachloride	8.206	117	261320	18.94	ug/l	99
39) Methylcyclohexane	9.459	83	317620	18.98	ug/l #	87
40) Benzene	8.461	78	846282	19.68	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	202544	20.60	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	336614	19.39	ug/l	97
43) Isopropyl Acetate	8.560	43	613531	19.80	ug/l #	93
44) Trichloroethene	9.215	130	195584	19.05	ug/l	90
45) 1,2-Dichloropropane	9.491	63	238533	20.65	ug/l	98
46) Dibromomethane	9.577	93	146979	19.40	ug/l	94
47) Bromodichloromethane	9.762	83	288992	20.15	ug/l	98
48) Methyl methacrylate	9.561	41	282525	19.53	ug/l	86
49) 1,4-Dioxane	9.571	88	87932	338.84	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2052346	102.08	ug/l	95
52) Toluene	10.505	92	518654	19.75	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	297408	19.07	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	333879	19.70	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	212108	20.02	ug/l	98
56) Ethyl methacrylate	10.760	69	352236	19.10	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	380094	20.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	509678	105.86	ug/l	90
59) 2-Hexanone	11.087	43	1554471	102.21	ug/l	93
60) Dibromochloromethane	11.237	129	197223	18.92	ug/l	100
61) 1,2-Dibromoethane	11.347	107	207989	18.95	ug/l	99
64) Tetrachloroethene	10.977	164	175156	19.31	ug/l	92
65) Chlorobenzene	11.771	112	546983	20.16	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	193986	20.31	ug/l	100
67) Ethyl Benzene	11.843	91	1020348	20.70	ug/l	96
68) m/p-Xylenes	11.953	106	748749	41.72	ug/l	92
69) o-Xylene	12.280	106	368862	20.40	ug/l	91
70) Styrene	12.294	104	602566	21.02	ug/l	95
71) Bromoform	12.457	173	138219	18.73	ug/l #	99
73) Isopropylbenzene	12.578	105	986497	19.00	ug/l	98
74) N-amyl acetate	12.390	43	433889	18.90	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	340925	18.99	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	295581m	17.66	ug/l	
77) Bromobenzene	12.862	156	226273	18.56	ug/l	77
78) n-propylbenzene	12.919	91	1127675	19.52	ug/l	96
79) 2-Chlorotoluene	13.007	91	703963	19.28	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	810103	19.39	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	79642	18.37	ug/l	89
82) 4-Chlorotoluene	13.106	91	672506	19.59	ug/l	92
83) tert-Butylbenzene	13.324	119	709790	19.18	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	790028	19.85	ug/l	98
85) sec-Butylbenzene	13.501	105	982513	19.58	ug/l	97
86) p-Isopropyltoluene	13.616	119	772150	19.68	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	388289	19.38	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	378261	19.21	ug/l	96
89) n-Butylbenzene	13.943	91	627267	19.71	ug/l	98
90) Hexachloroethane	14.211	117	120259	17.46	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	387709	19.86	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59918	18.47	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	187634	21.35	ug/l	98
94) Hexachlorobutadiene	15.370	225	112921	21.83	ug/l	98
95) Naphthalene	15.507	128	551089	21.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	193826	22.20	ug/l	97

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ClientSampleId :
VN1218MBSD01

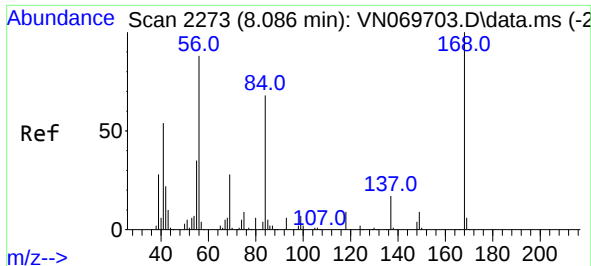
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APPROVED

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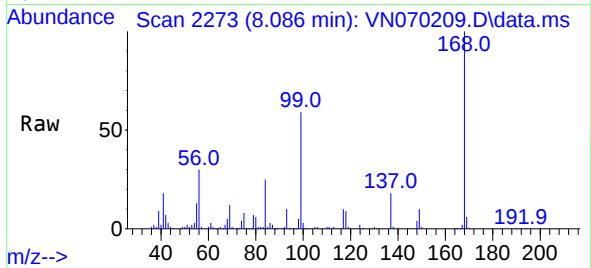
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

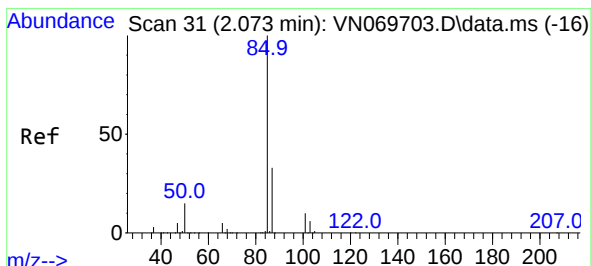
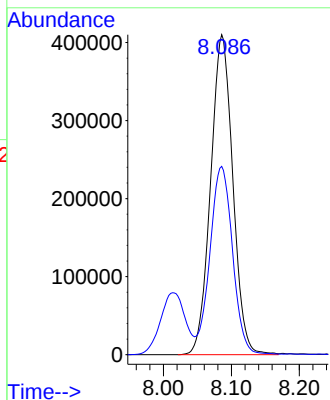
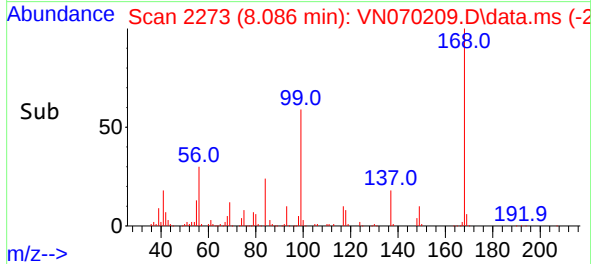
Instrument :
MSVOA_N
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VN1218MBS01



Tgt Ion:168 Resp: 93061
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9

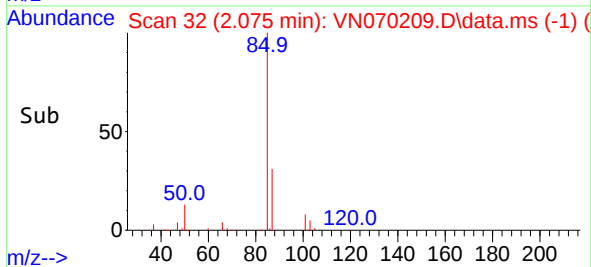
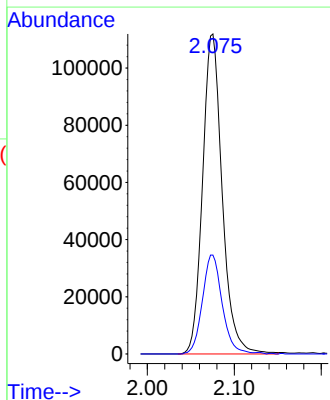
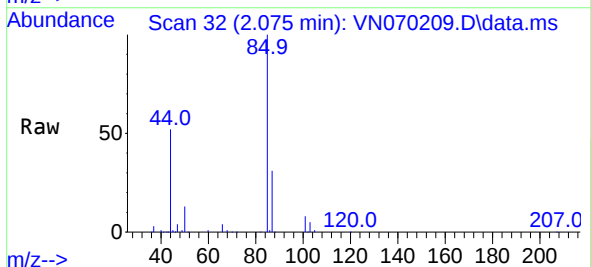
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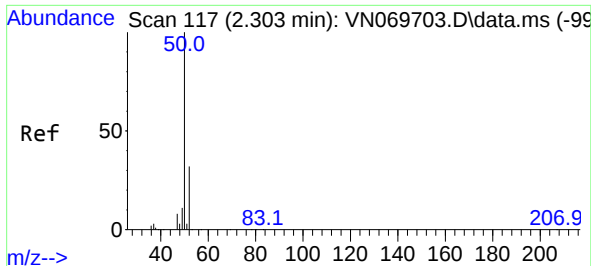
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#2
Dichlorodifluoromethane
Concen: 16.18 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

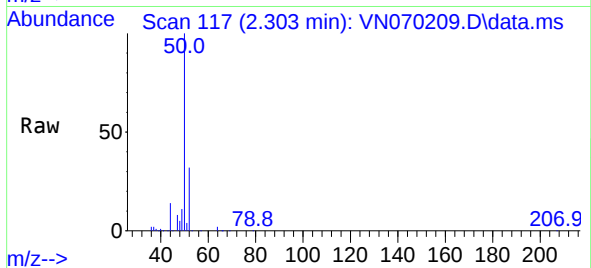
Tgt Ion: 85 Resp: 175638
Ion Ratio Lower Upper
85 100
87 30.9 16.3 48.9





#3
Chloromethane
Concen: 17.00 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

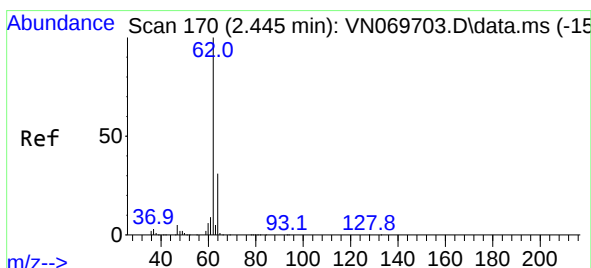
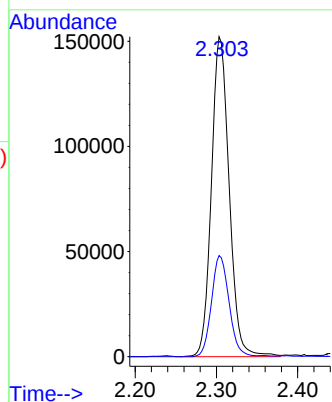
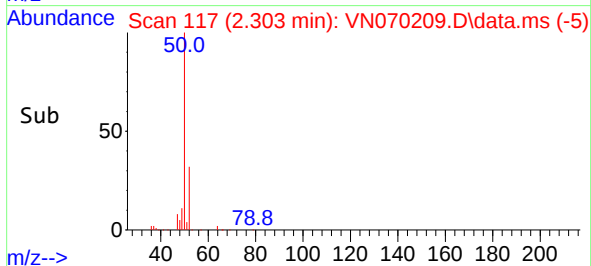
Instrument :
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VN1218MBSD01



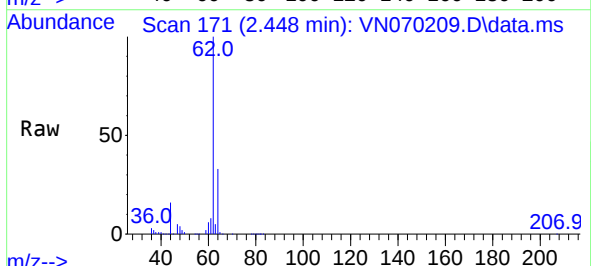
Tgt Ion: 50 Resp: 23117
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

Manual Integrations
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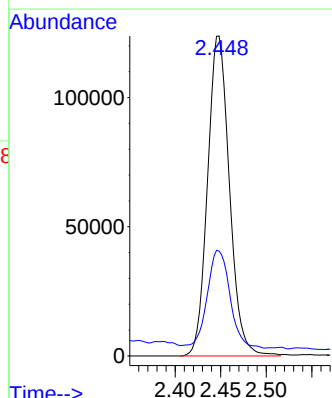
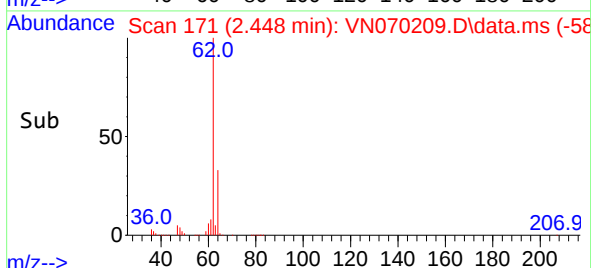
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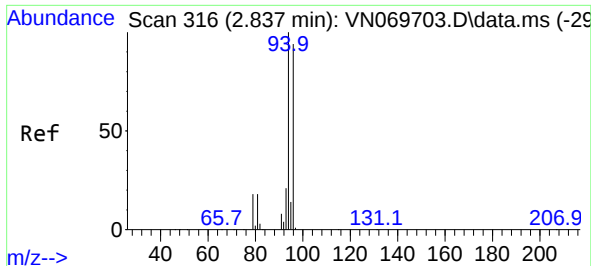


#4
Vinyl Chloride
Concen: 16.55 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



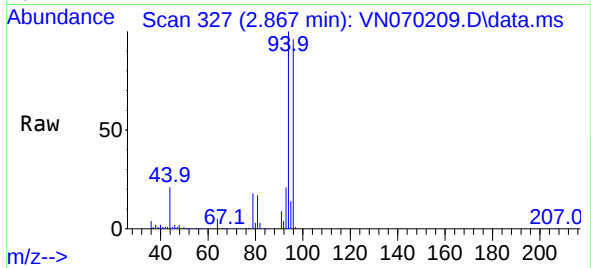
Tgt Ion: 62 Resp: 206969
Ion Ratio Lower Upper
62 100
64 30.1 25.8 38.6





#5
Bromomethane
Concen: 18.49 ug/l
RT: 2.867 min Scan# 316
Delta R.T. 0.030 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

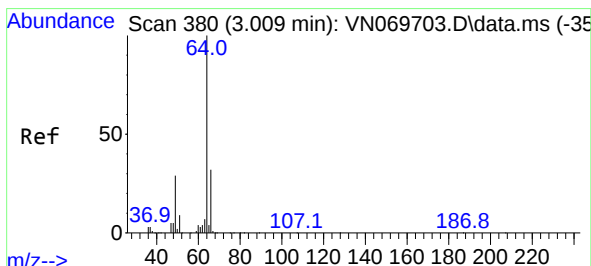
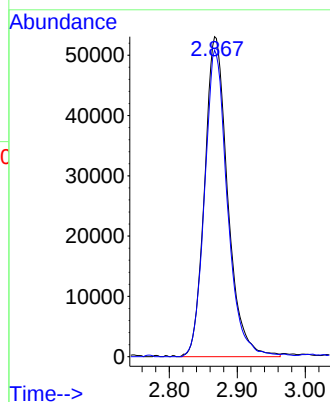
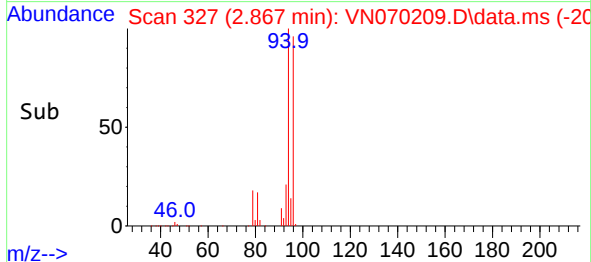
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Tgt Ion: 94 Resp: 12558
Ion Ratio Lower Upper
94 100
96 95.8 73.8 110.8

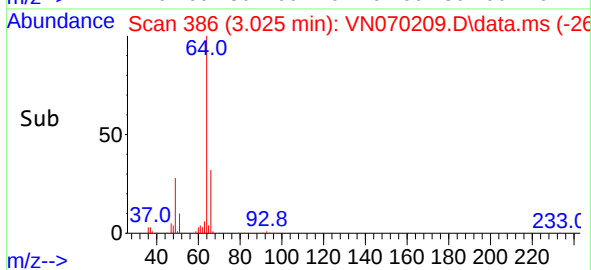
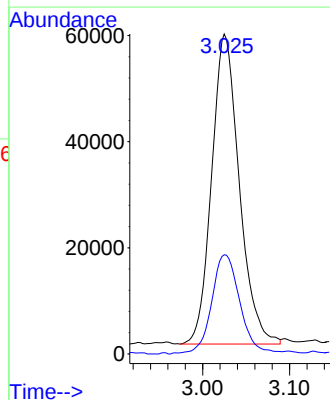
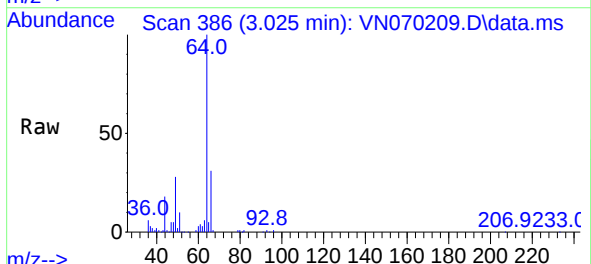
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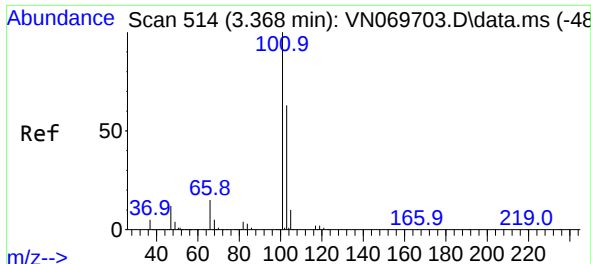
Reviewed By :John Carlone 12/20/2021
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#6
Chloroethane
Concen: 16.82 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion: 64 Resp: 128838
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





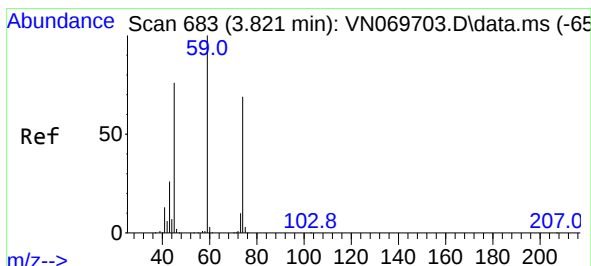
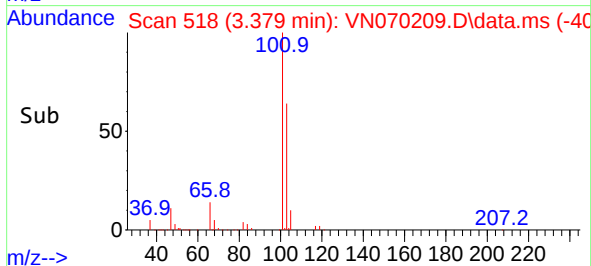
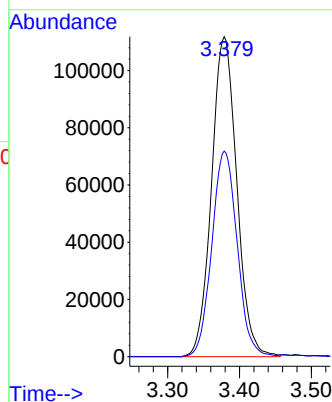
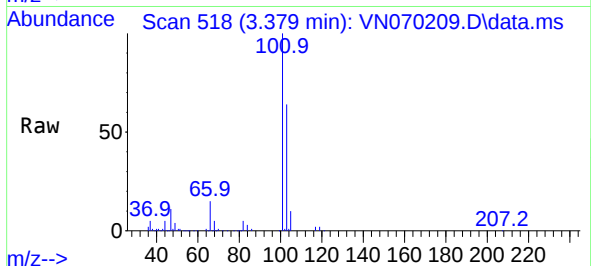
#7
Trichlorofluoromethane
Concen: 16.63 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 272979
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

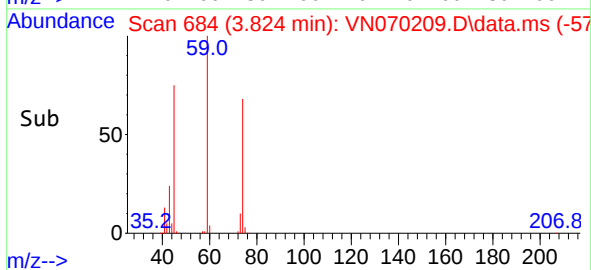
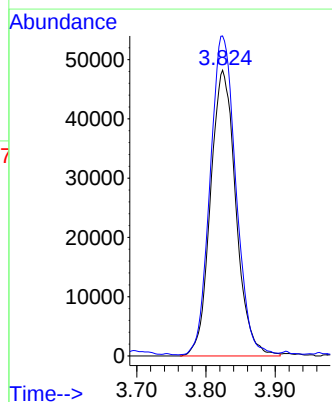
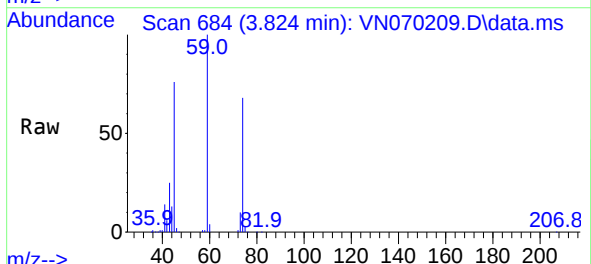
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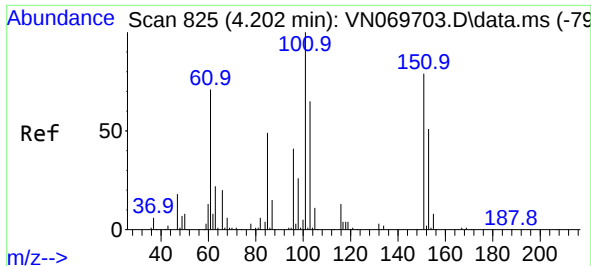
Reviewed By :John Carlone 12/20/2021
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#8
Diethyl Ether
Concen: 19.42 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070209.D
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Tgt Ion: 74 Resp: 122722
Ion Ratio Lower Upper
74 100
45 112.9 47.0 141.2





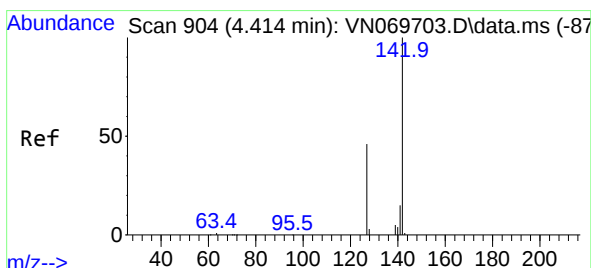
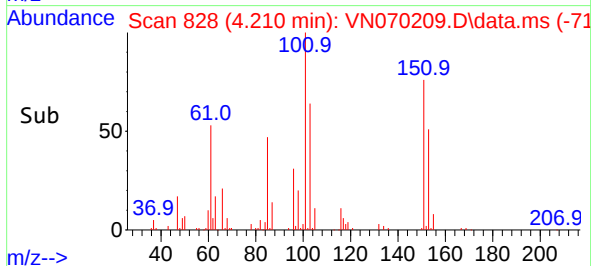
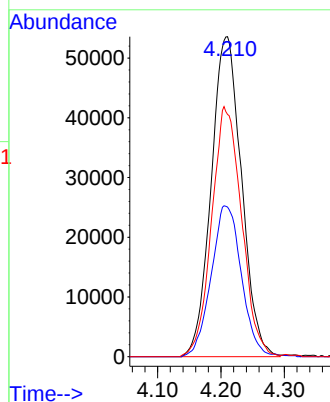
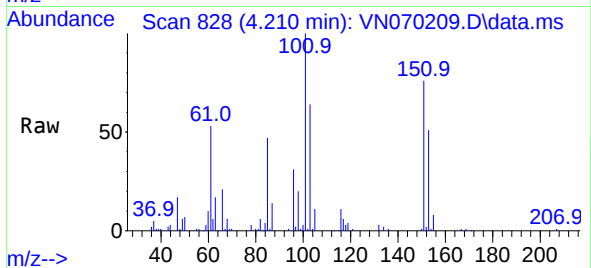
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.37 ug/l
RT: 4.210 min Scan# 801
Delta R.T. 0.008 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion:101 Resp: 178198
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 77.1 65.9 98.9

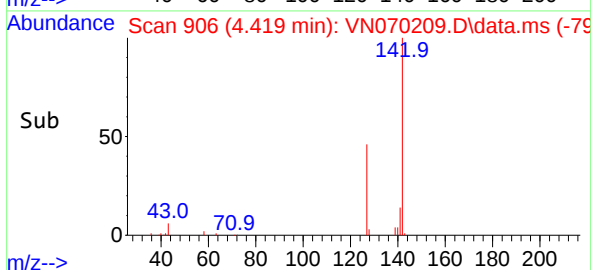
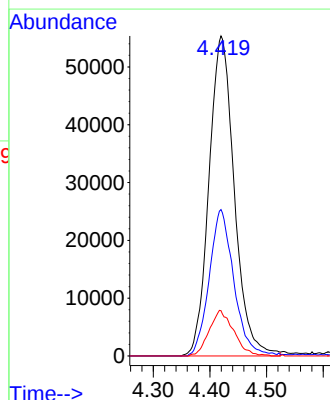
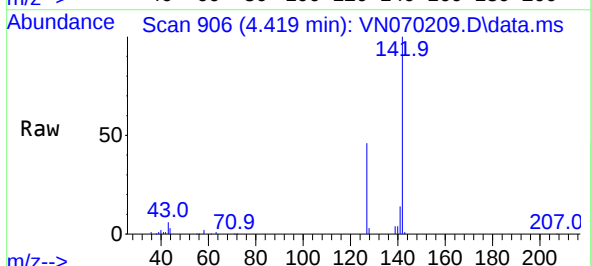
Manual Integrations
APPROVED

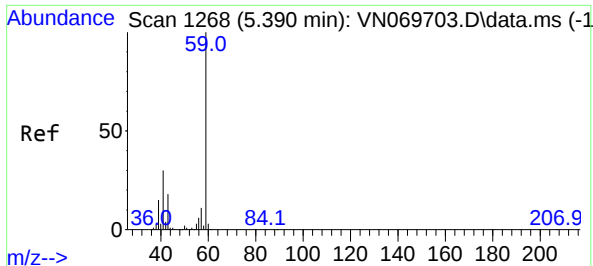
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#10
Methyl Iodide
Concen: 13.70 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

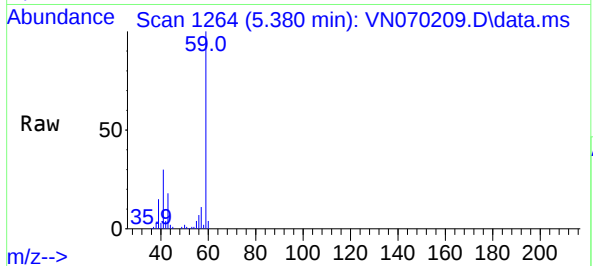
Tgt Ion:142 Resp: 172211
Ion Ratio Lower Upper
142 100
127 44.3 35.4 53.0
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.72 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

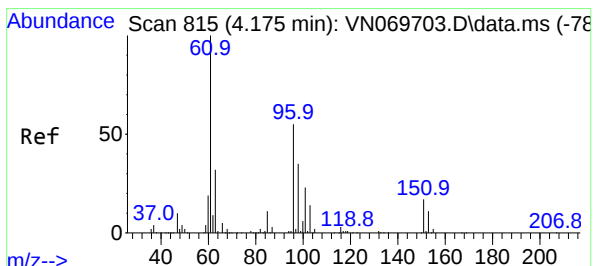
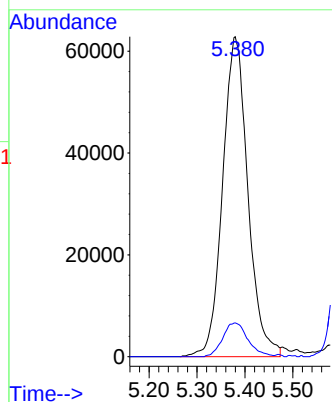
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



Tgt Ion: 59 Resp: 23009
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

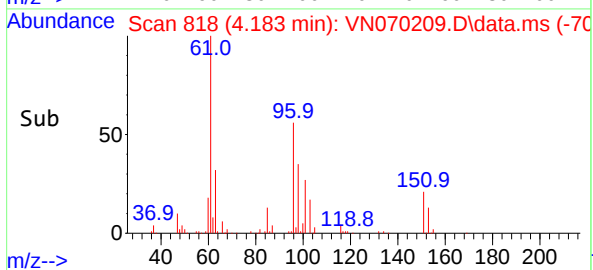
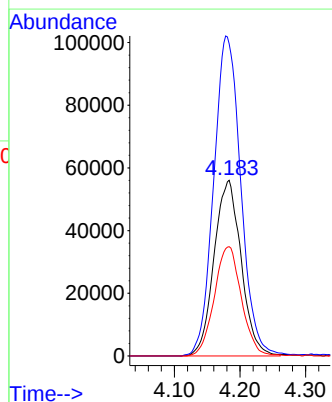
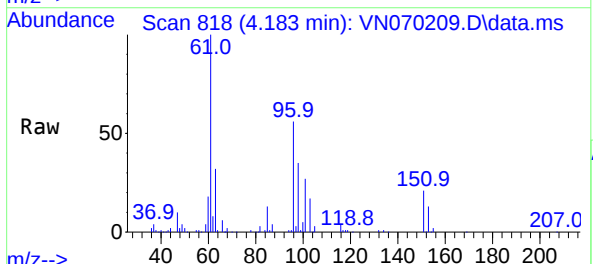
Manual Integrations
APPROVED

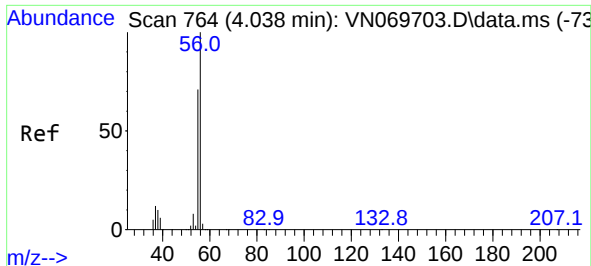
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#12
1,1-Dichloroethene
Concen: 18.14 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

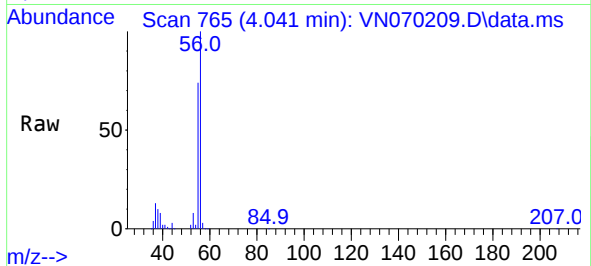
Tgt Ion: 96 Resp: 160763
Ion Ratio Lower Upper
96 100
61 177.7 131.0 196.6
98 62.2 52.4 78.6





#13
Acrolein
Concen: 88.36 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

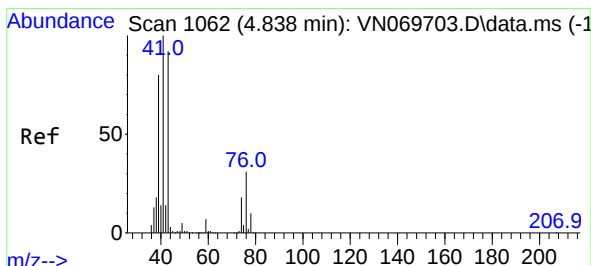
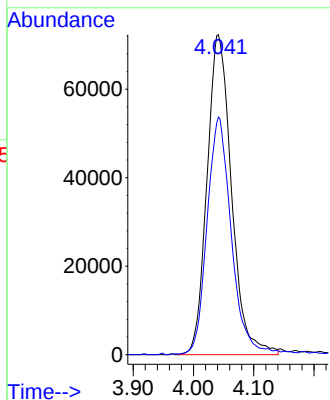
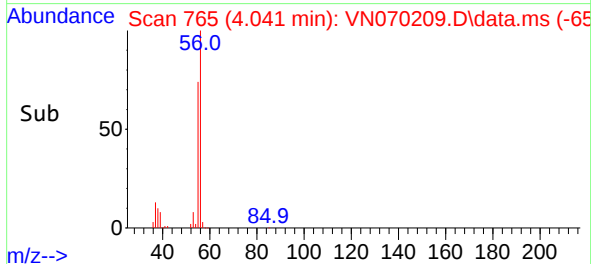
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



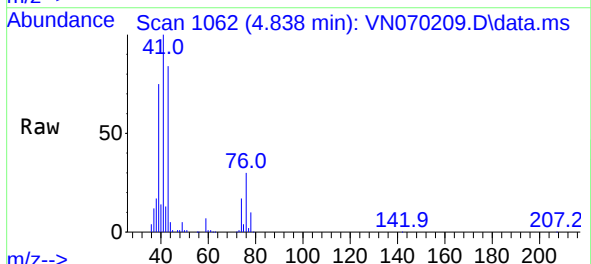
Tgt Ion: 56 Resp: 20437
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0

Manual Integrations
APPROVED

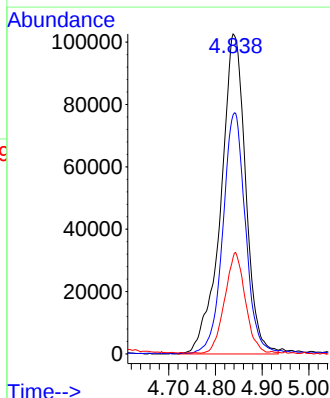
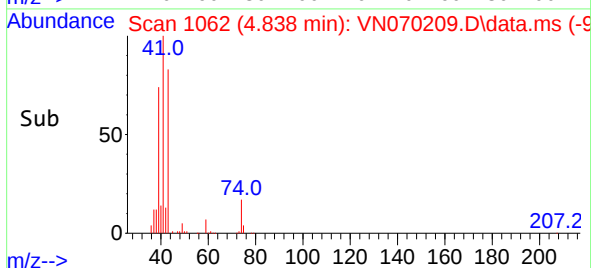
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

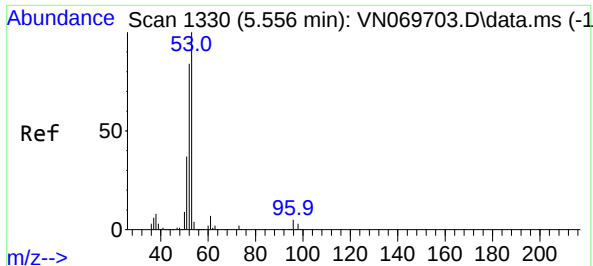


#14
Allyl chloride
Concen: 18.99 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



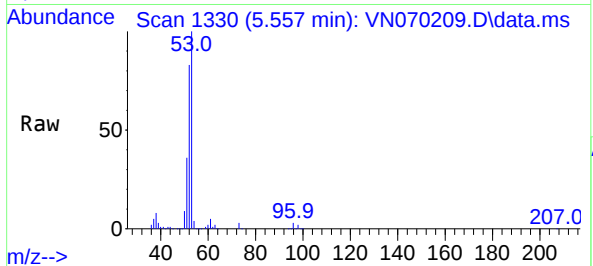
Tgt Ion: 41 Resp: 379234
Ion Ratio Lower Upper
41 100
39 68.1 61.2 91.8
76 25.8 26.0 39.0





#15
Acrylonitrile
Concen: 93.20 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

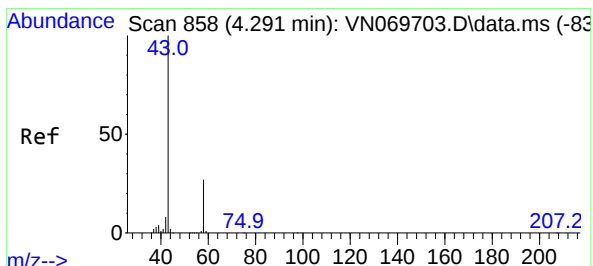
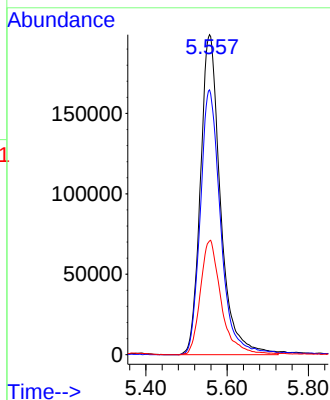
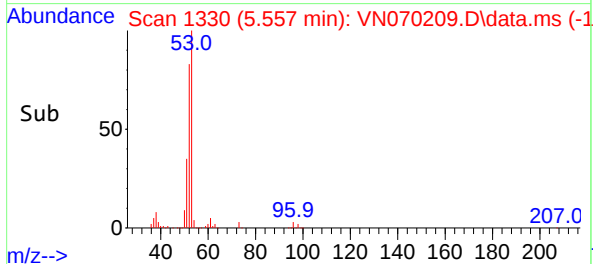
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



Tgt Ion: 53 Resp: 68209
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 36.7 29.6 44.4

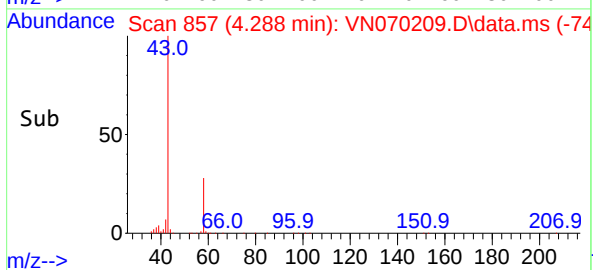
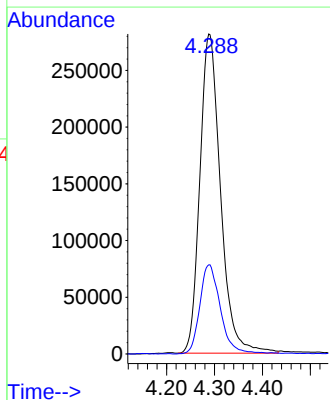
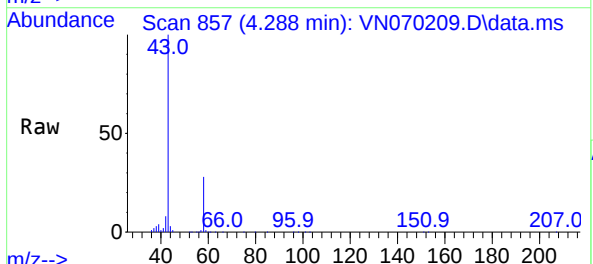
Manual Integrations
APPROVED

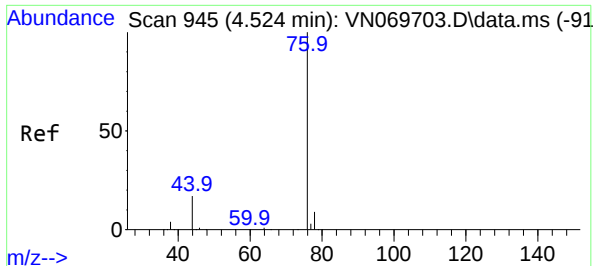
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#16
Acetone
Concen: 97.96 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

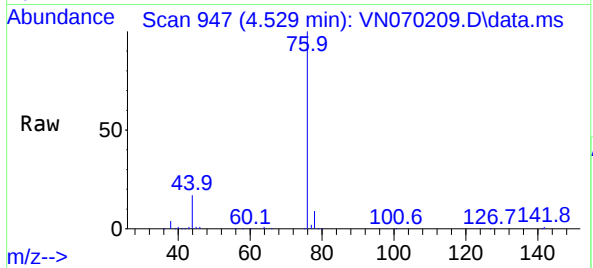
Tgt Ion: 43 Resp: 846700
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#17
Carbon Disulfide
Concen: 15.31 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

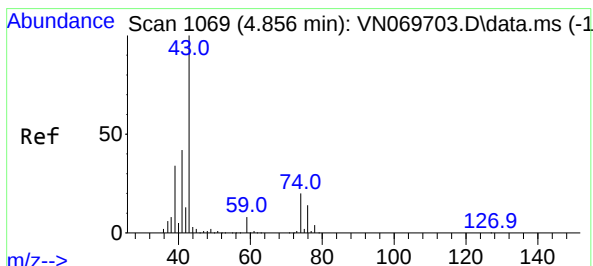
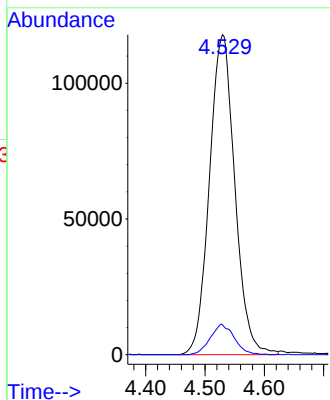
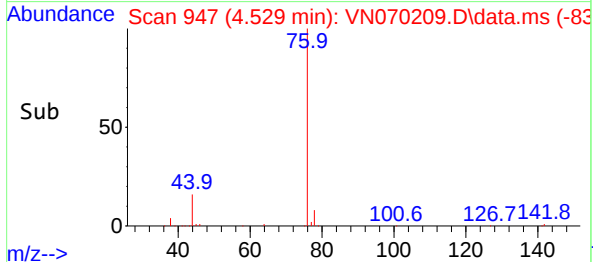
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



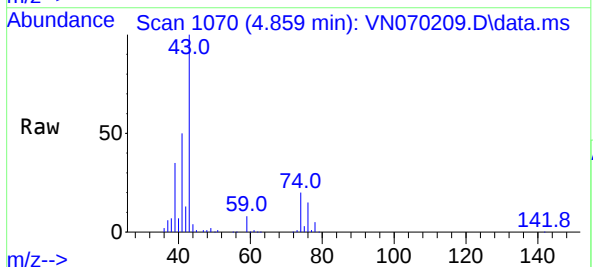
Tgt Ion: 76 Resp: 350709
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
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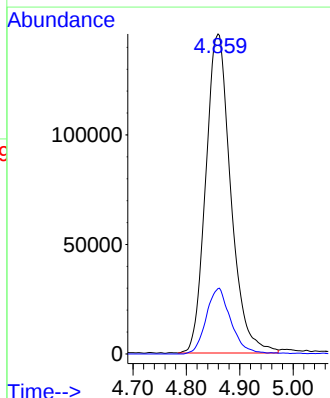
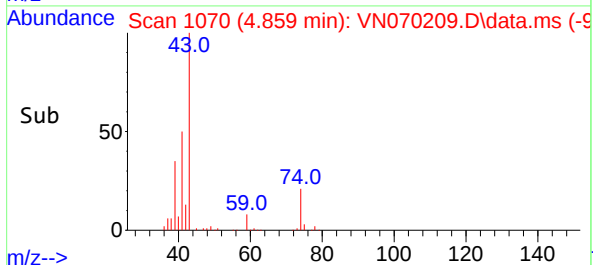
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

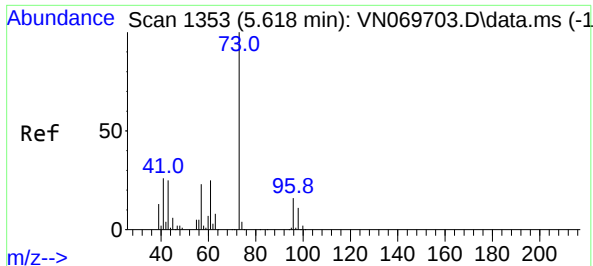


#18
Methyl Acetate
Concen: 18.18 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



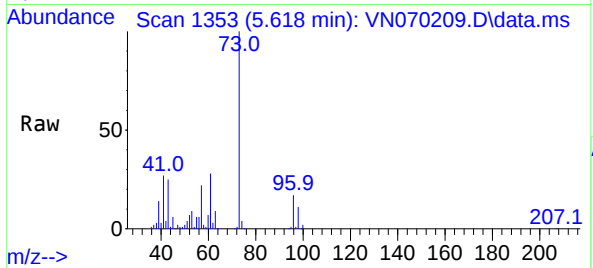
Tgt Ion: 43 Resp: 474204
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.37 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

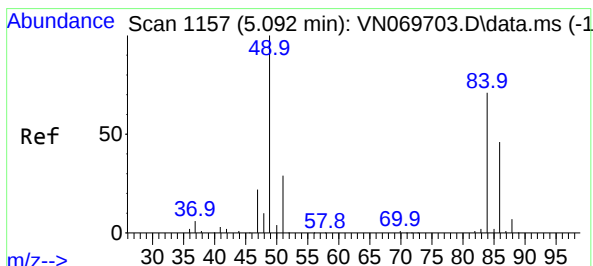
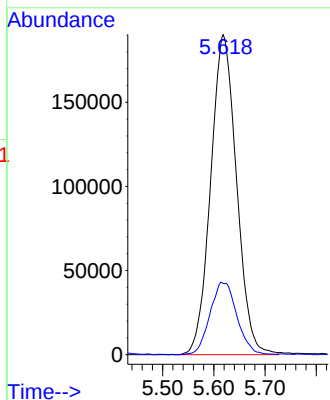
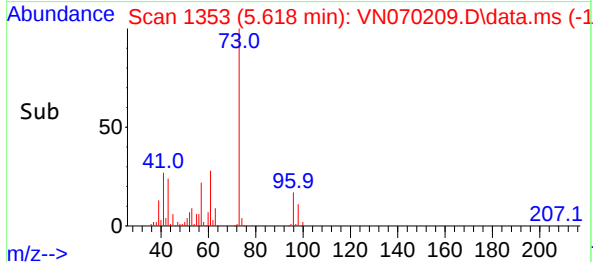
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



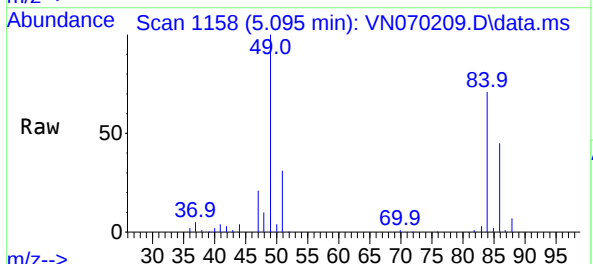
Tgt Ion: 73 Resp: 667632
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

Manual Integrations
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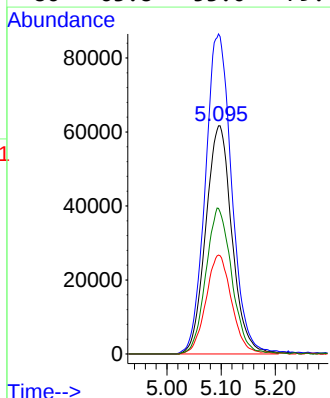
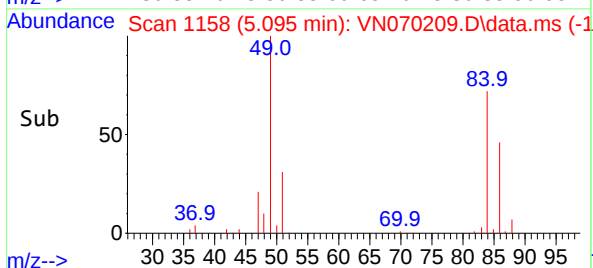
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#20
Methylene Chloride
Concen: 18.05 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



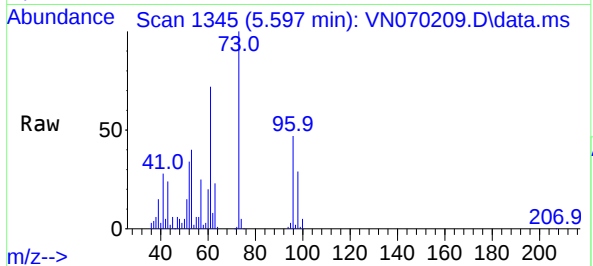
Tgt Ion: 84 Resp: 207345
Ion Ratio Lower Upper
84 100
49 139.9 93.5 140.3
51 43.4 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.48 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

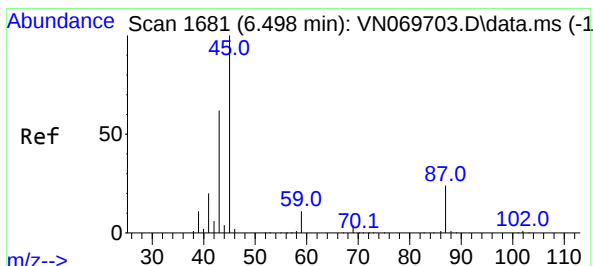
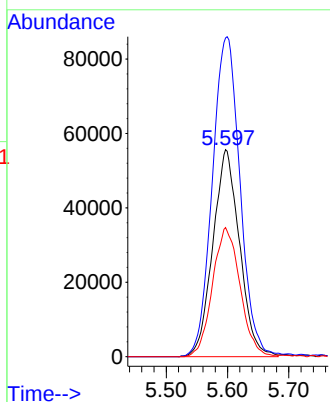
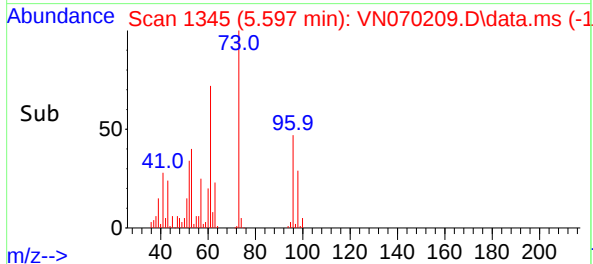
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



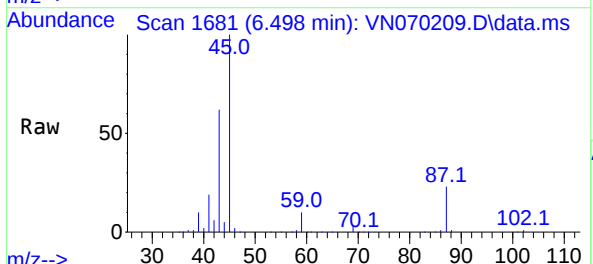
Tgt Ion: 96 Resp: 168344
Ion Ratio Lower Upper
96 100
61 153.9 105.8 158.6
98 62.4 52.0 78.0

Manual Integrations
APPROVED

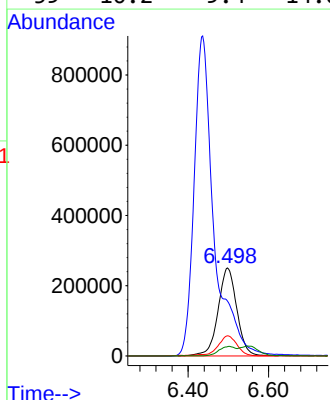
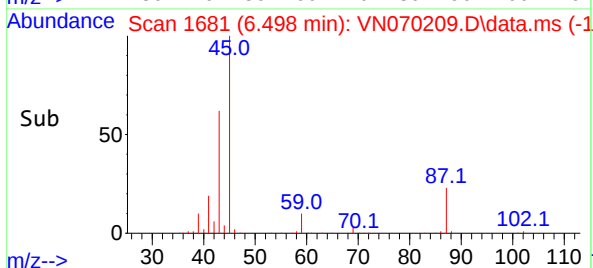
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

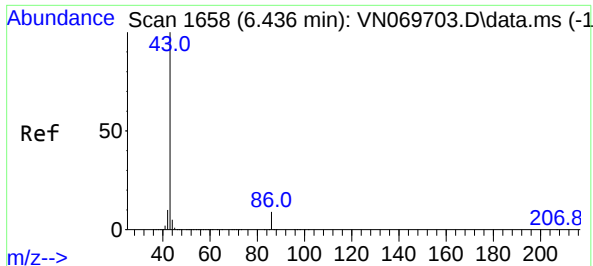


#22
Diisopropyl ether
Concen: 20.84 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



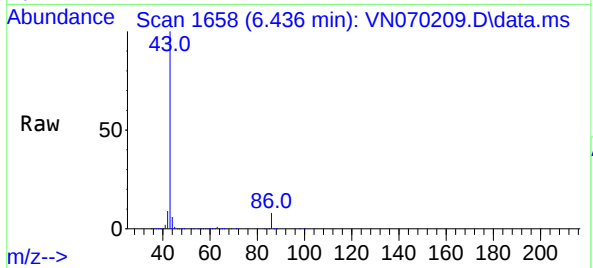
Tgt Ion: 45 Resp: 813695
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 22.8 23.2 34.8#
59 10.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.24 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070209.D
 Acq: 18 Dec 2021 13:28

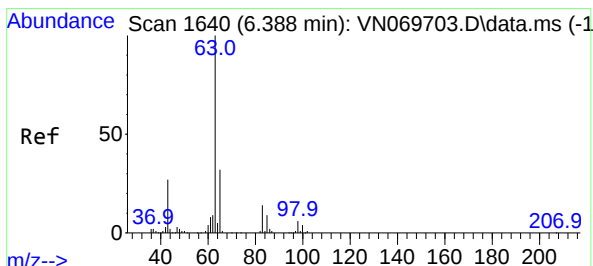
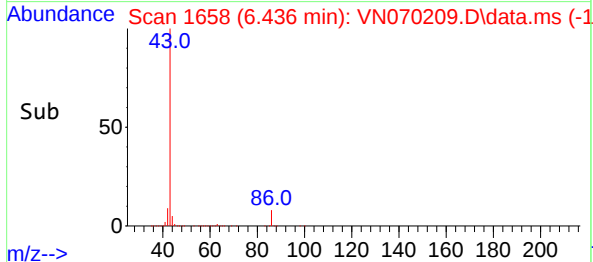
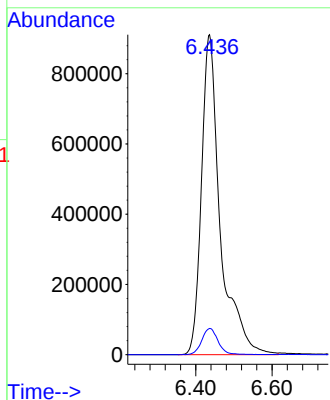
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBSD01



Tgt Ion: 43 Resp: 312031
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

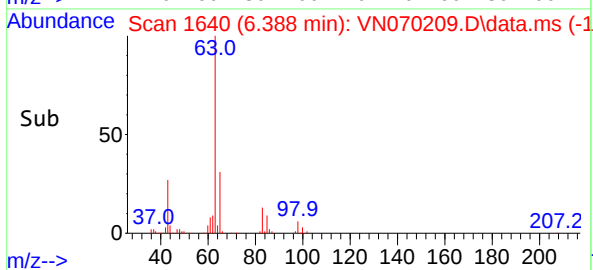
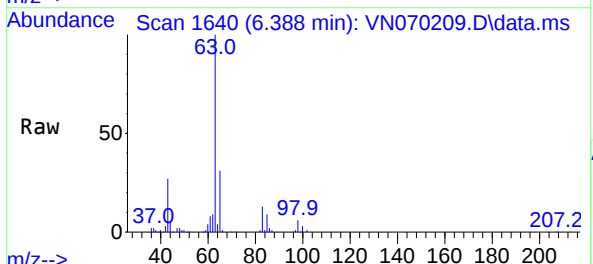
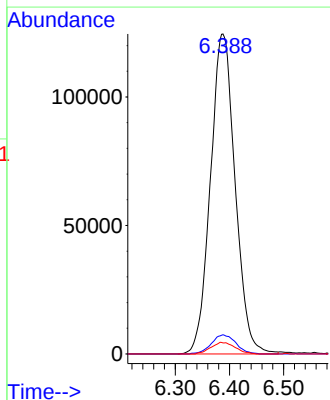
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021



#24
 1,1-Dichloroethane
 Concen: 19.52 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070209.D
 Acq: 18 Dec 2021 13:28

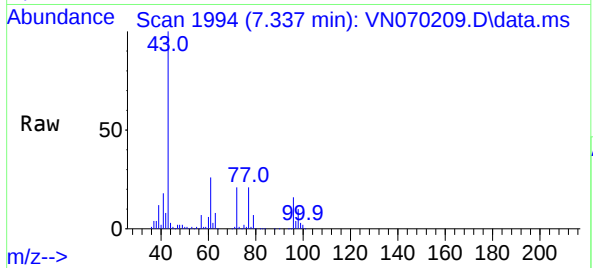
Tgt Ion: 63 Resp: 394854
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 91.46 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

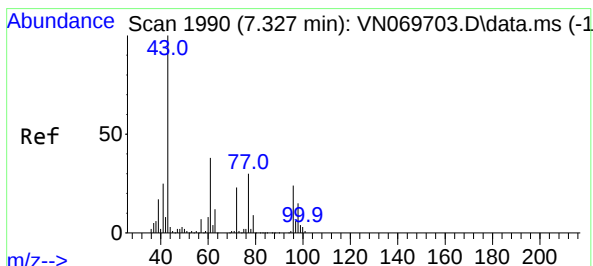
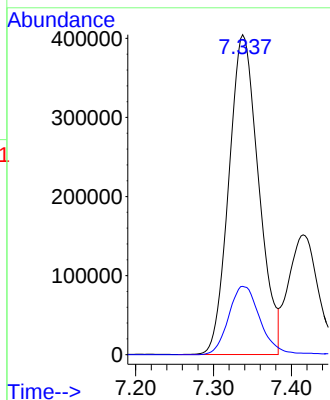
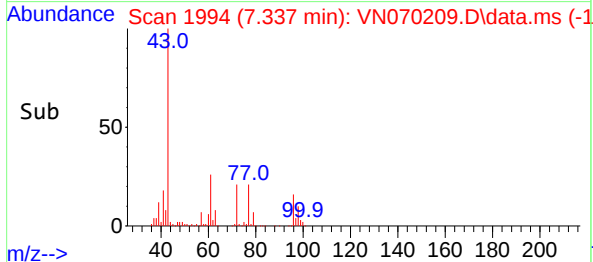
Instrument :
MSVOA_N
Client Sample Id :
VN1218MBS01



Tgt Ion: 43 Resp: 1074110
Ion Ratio Lower Upper
43 100
72 21.4 21.7 32.5

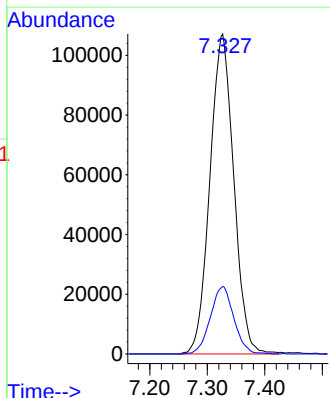
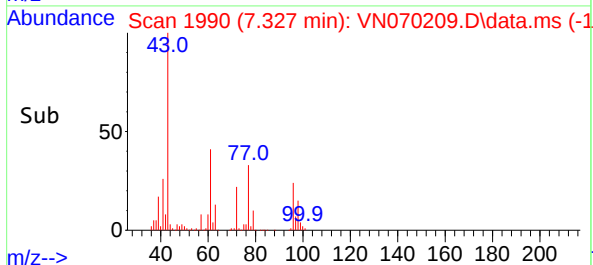
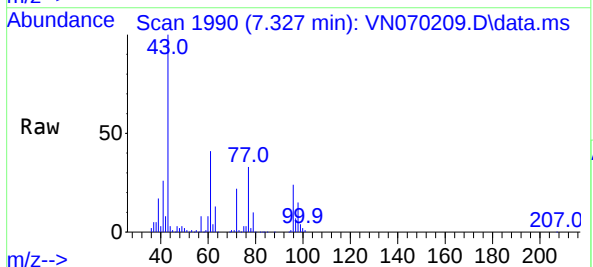
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#26
2,2-Dichloropropane
Concen: 19.63 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

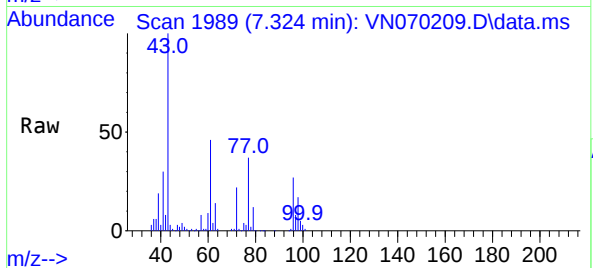
Tgt Ion: 77 Resp: 308741
Ion Ratio Lower Upper
77 100
97 20.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.54 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

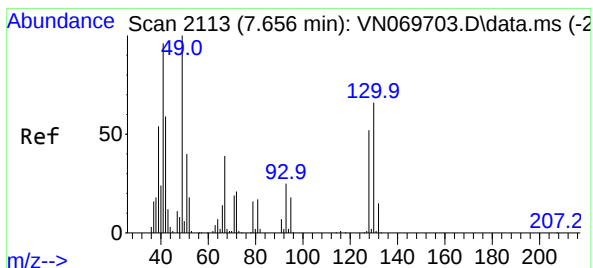
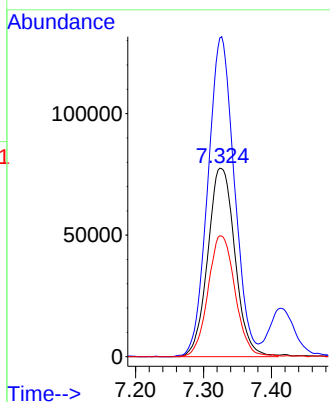
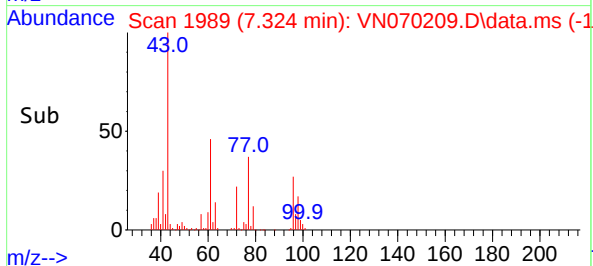
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



Tgt Ion: 96 Resp: 21567
Ion Ratio Lower Upper
96 100
61 165.5 0.0 275.0
98 63.7 0.0 129.6

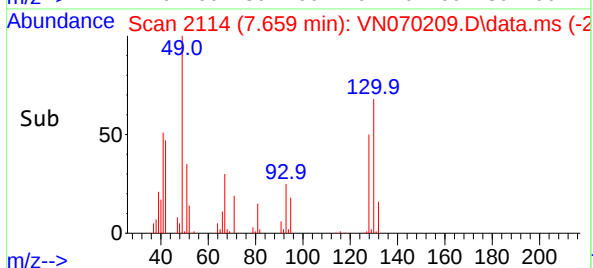
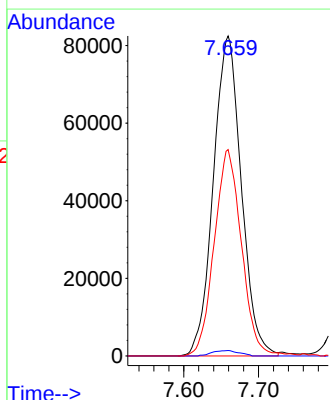
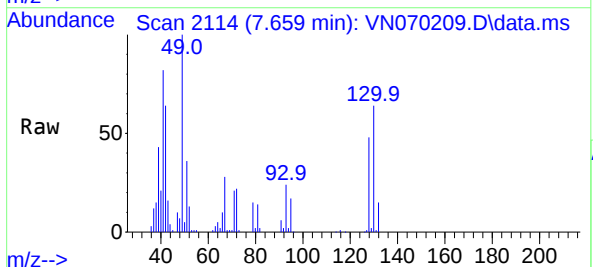
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#28
Bromochloromethane
Concen: 20.37 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion: 49 Resp: 214220
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 92.35 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBS01

Tgt Ion: 42 Resp: 658578

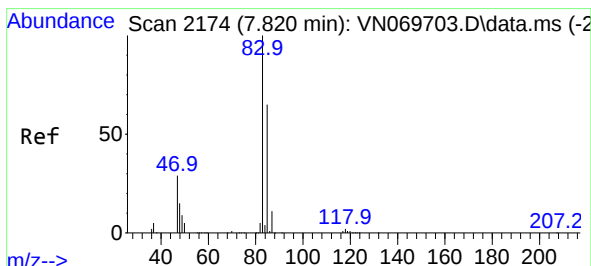
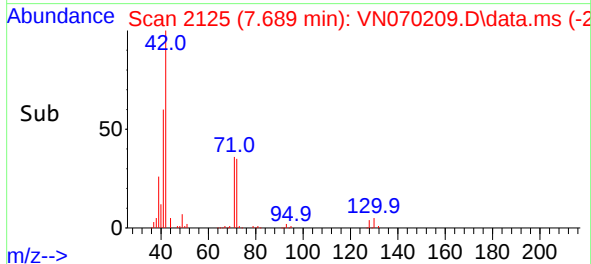
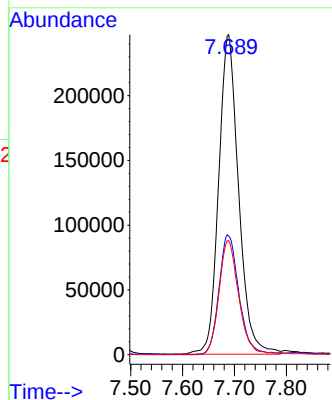
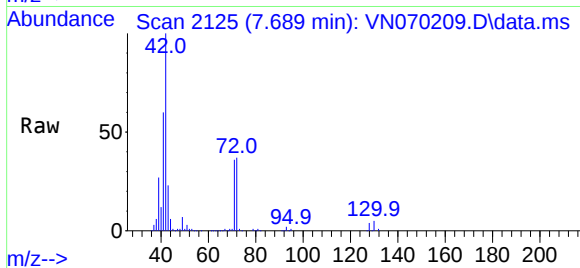
Ion	Ratio	Lower	Upper
42	100		
72	37.1	36.3	54.5
71	35.4	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#30

Chloroform

Concen: 19.41 ug/l

RT: 7.817 min Scan# 2173

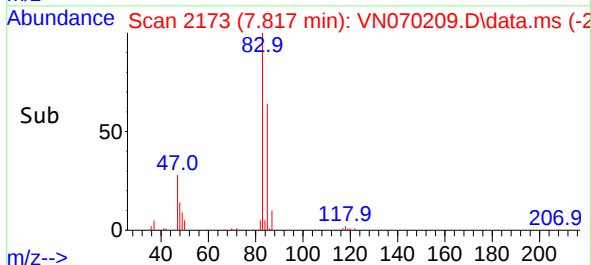
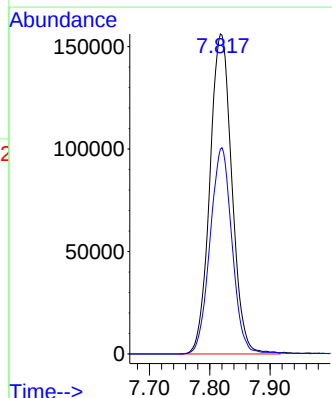
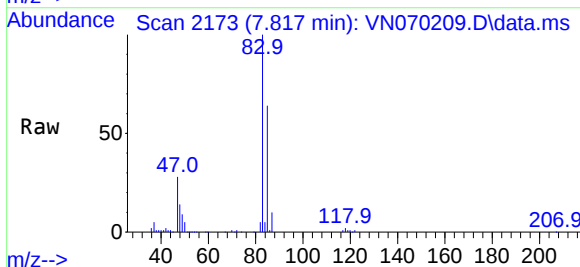
Delta R.T. -0.003 min

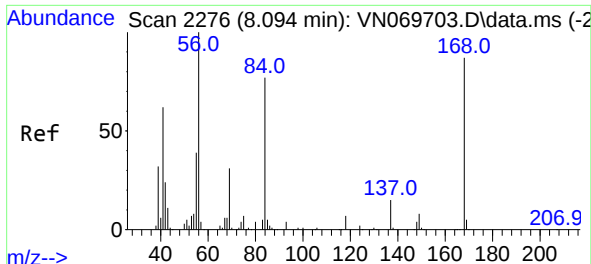
Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

Tgt Ion: 83 Resp: 396460

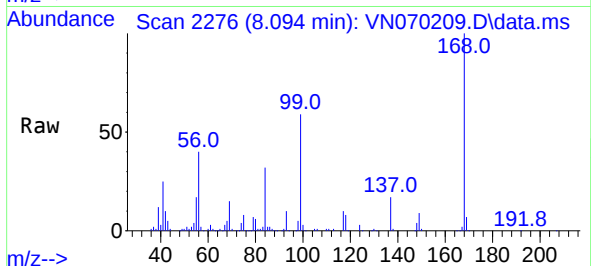
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31
Cyclohexane
Concen: 18.05 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

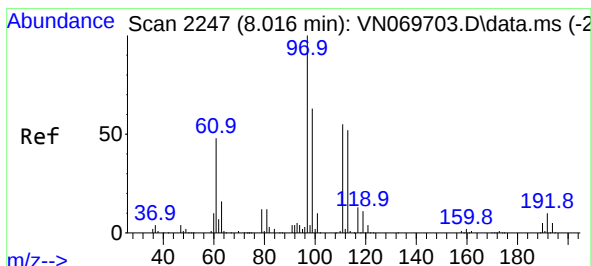
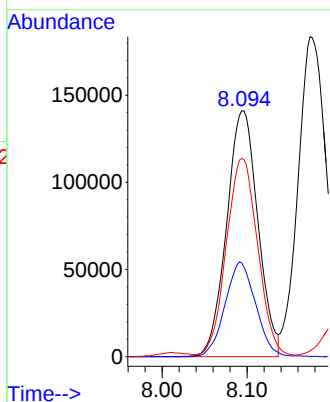
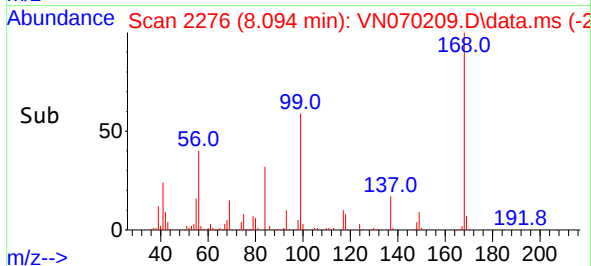
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



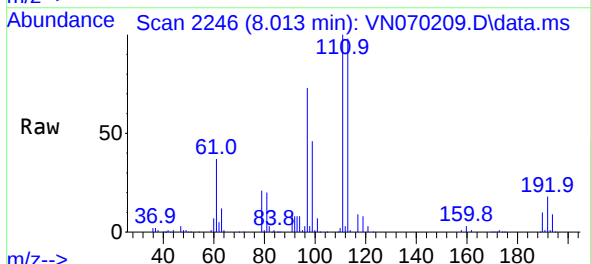
Tgt Ion: 56 Resp: 360869
Ion Ratio Lower Upper
56 100
69 38.1 27.1 40.7
84 79.2 73.4 110.0

Manual Integrations
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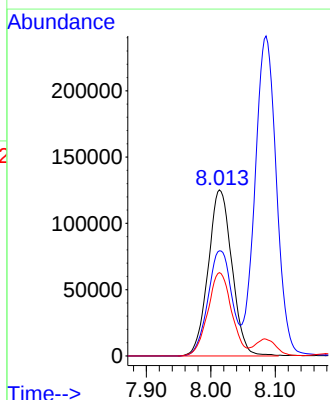
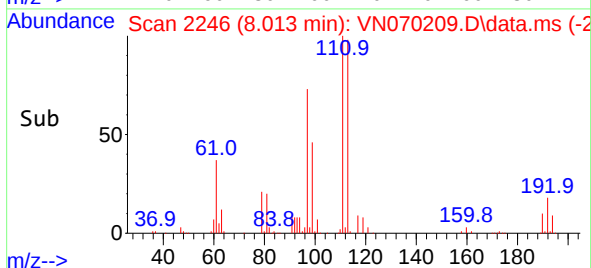
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

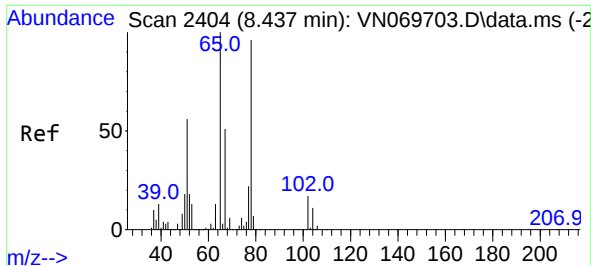


#32
1,1,1-Trichloroethane
Concen: 18.44 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion: 97 Resp: 320880
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.28 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBSD01

Tgt Ion: 65 Resp: 693768

Ion Ratio Lower Upper

65 100

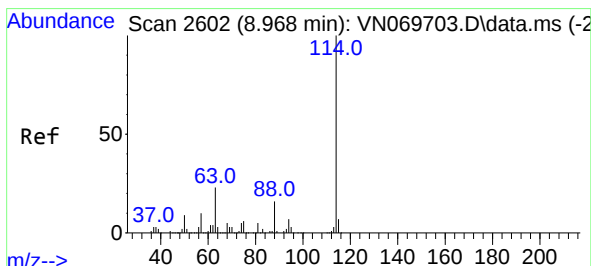
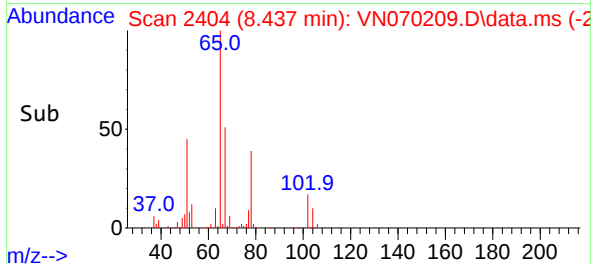
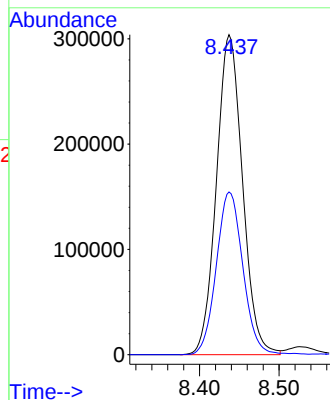
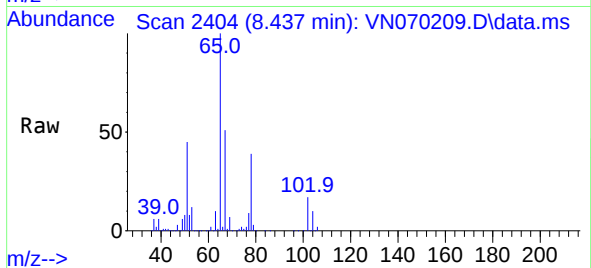
67 51.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

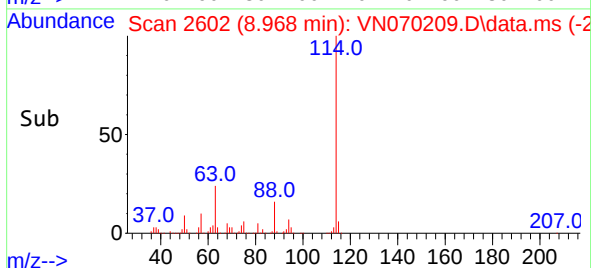
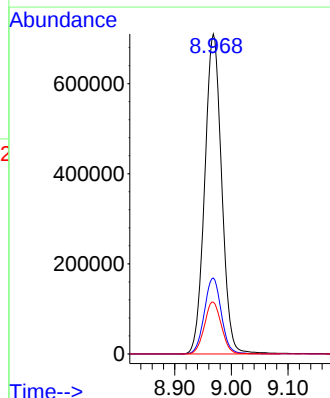
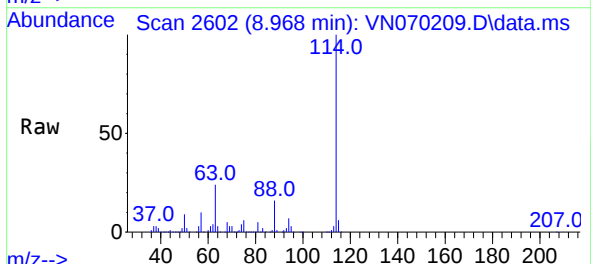
Tgt Ion:114 Resp: 1478071

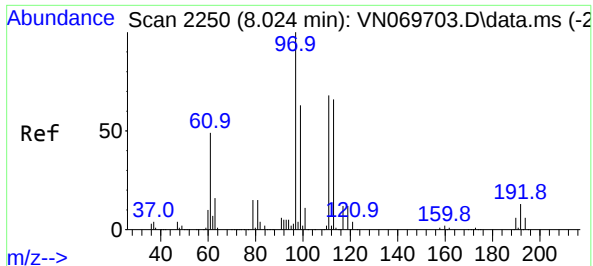
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

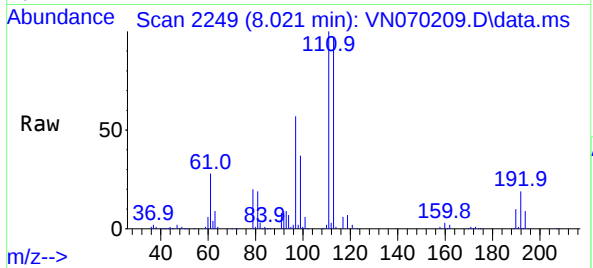
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.16 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

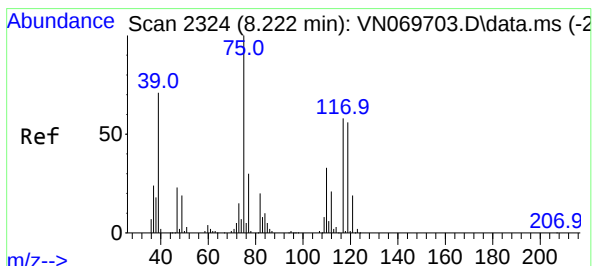
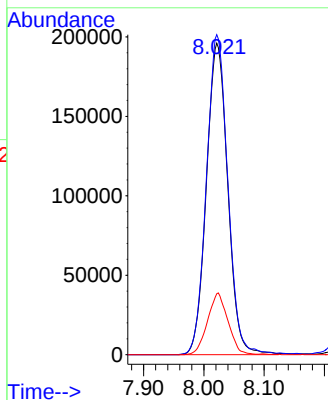
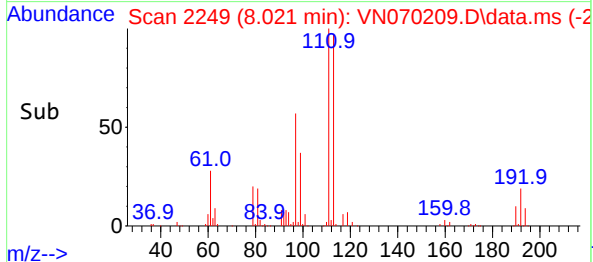
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



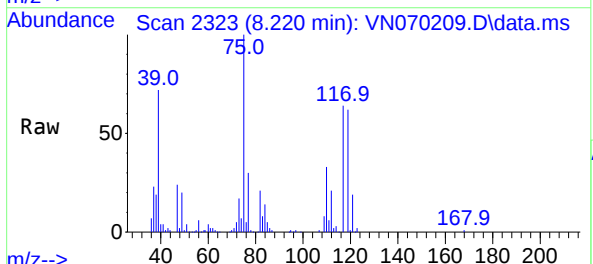
Tgt Ion: 113 Resp: 48287
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.9 16.9 25.3

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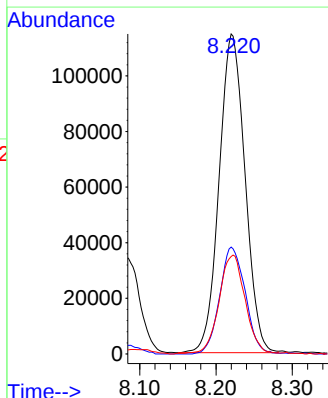
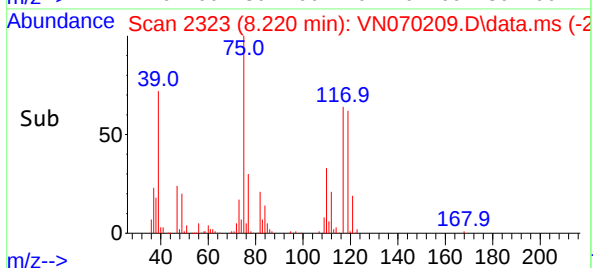
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

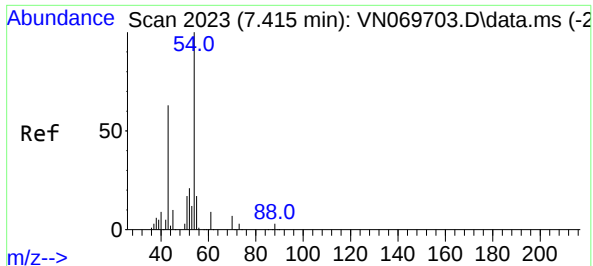


#36
1,1-Dichloropropene
Concen: 19.20 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



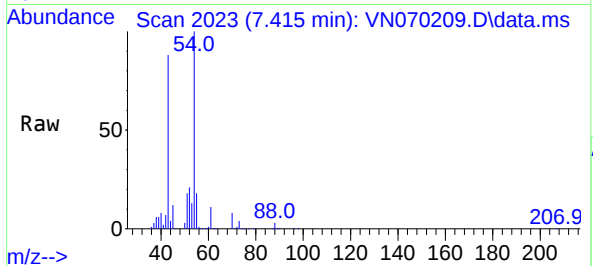
Tgt Ion: 75 Resp: 270171
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 19.50 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

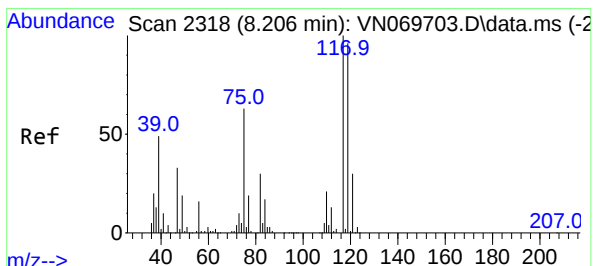
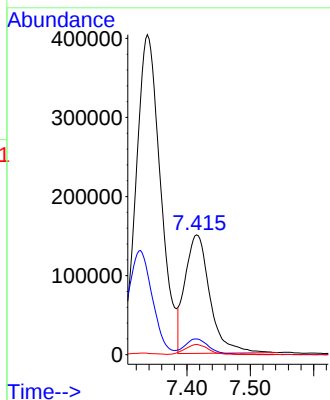
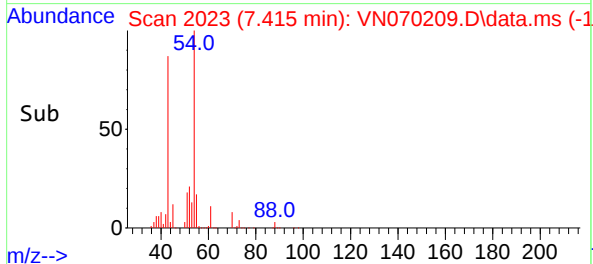
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



Tgt Ion: 43 Resp: 408460
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.1 7.9 11.9

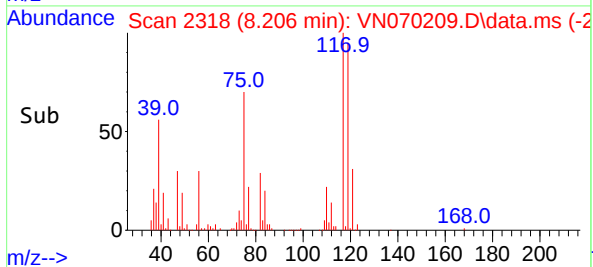
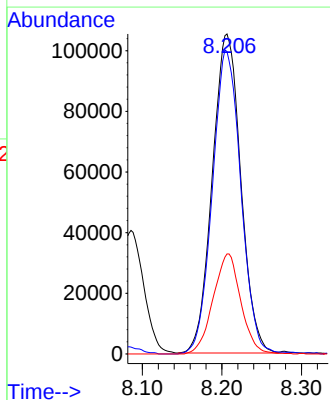
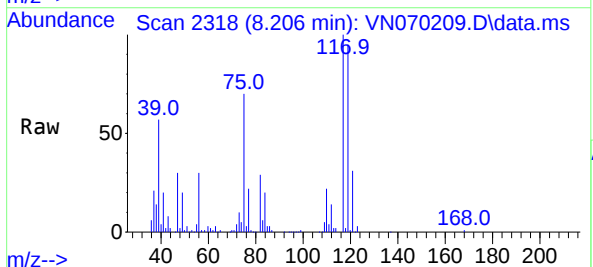
Manual Integrations
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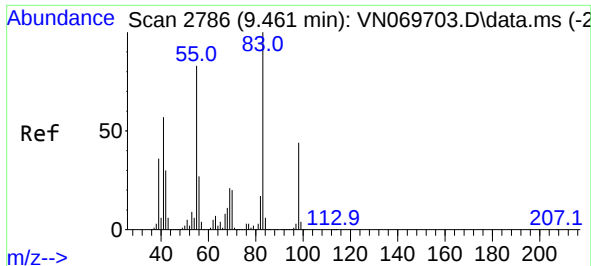
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#38
Carbon Tetrachloride
Concen: 18.94 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

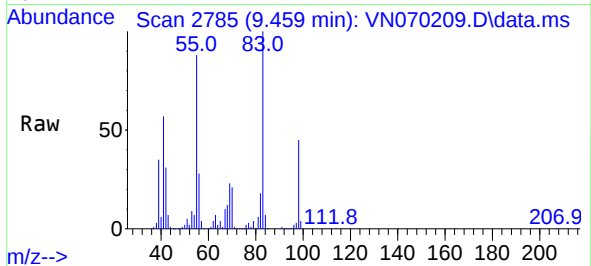
Tgt Ion:117 Resp: 261320
Ion Ratio Lower Upper
117 100
119 94.8 76.1 114.1
121 31.4 24.2 36.2





#39
Methylcyclohexane
Concen: 18.98 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

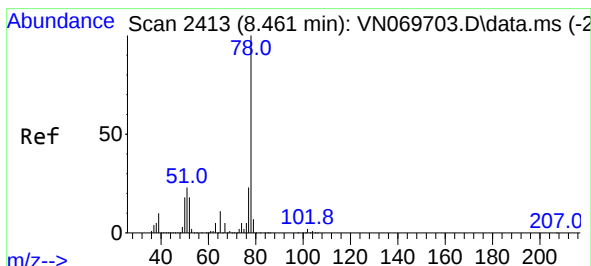
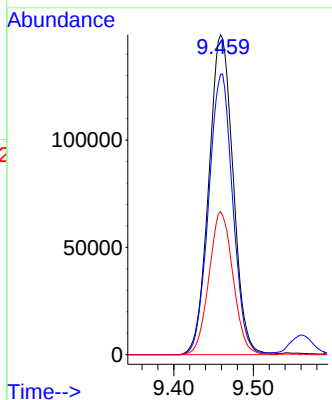
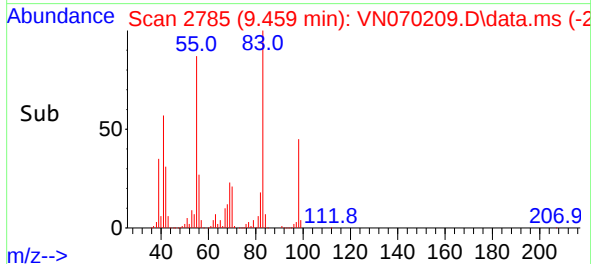
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



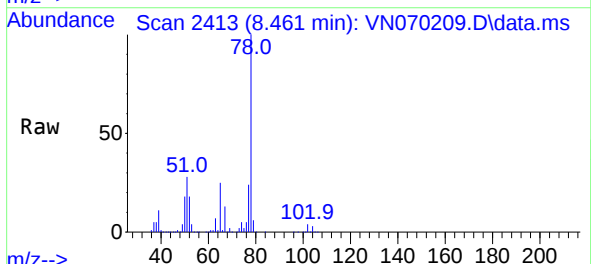
Tgt Ion: 83 Resp: 317620
Ion Ratio Lower Upper
83 100
55 87.6 58.1 87.1
98 44.7 38.4 57.6

Manual Integrations
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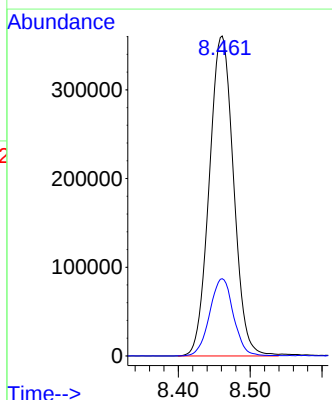
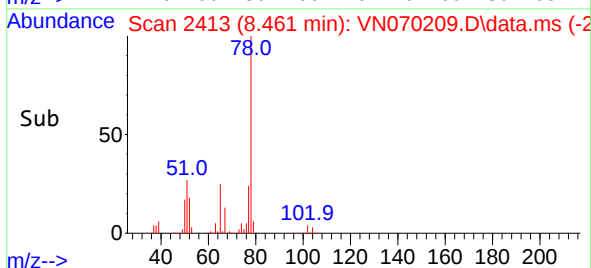
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

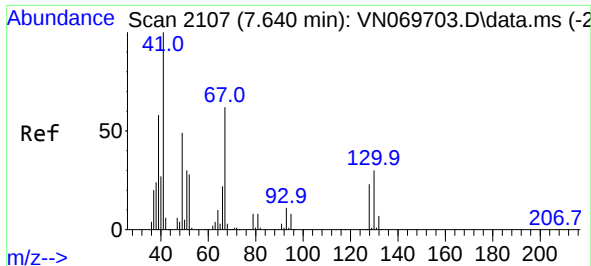


#40
Benzene
Concen: 19.68 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



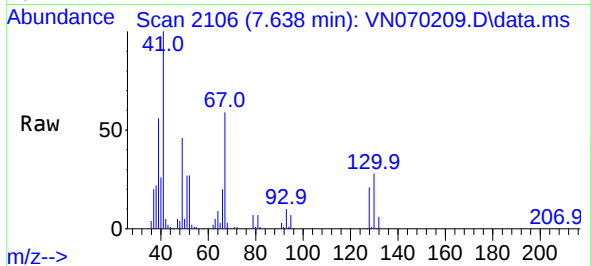
Tgt Ion: 78 Resp: 846282
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 20.60 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

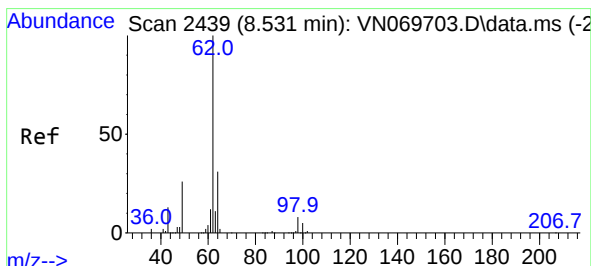
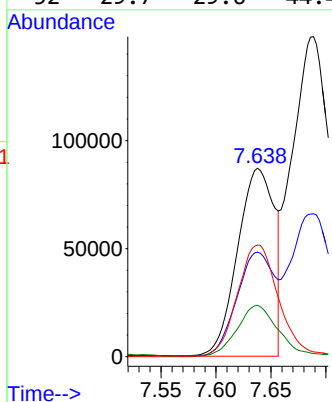
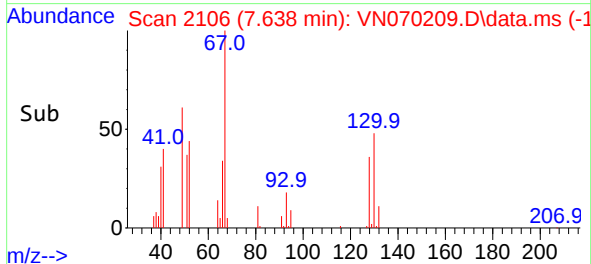
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



Tgt Ion: 41 Resp: 202544
Ion Ratio Lower Upper
41 100
39 55.5 48.1 72.1
67 66.8 68.3 102.5
52 29.7 29.6 44.4

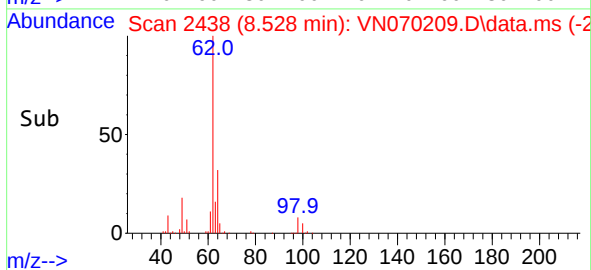
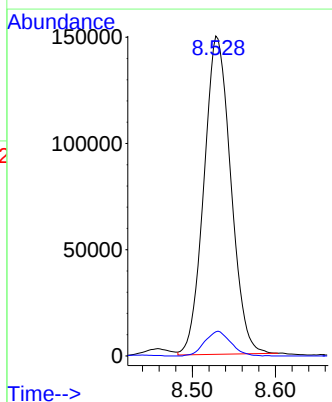
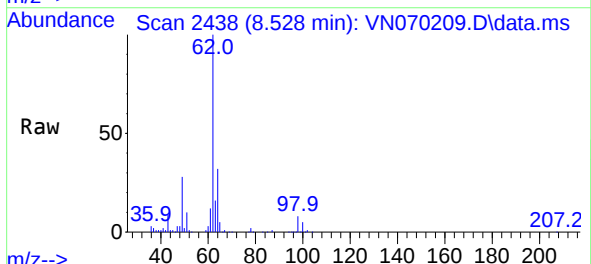
Manual Integrations
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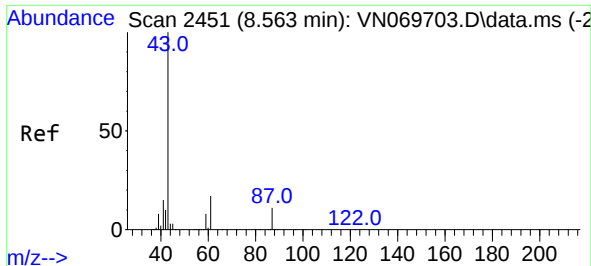
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#42
1,2-Dichloroethane
Concen: 19.39 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion: 62 Resp: 336614
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





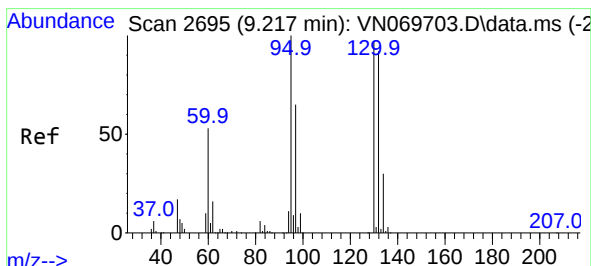
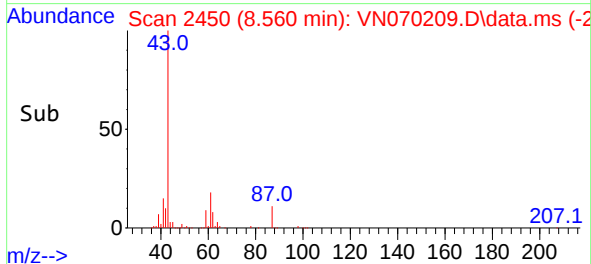
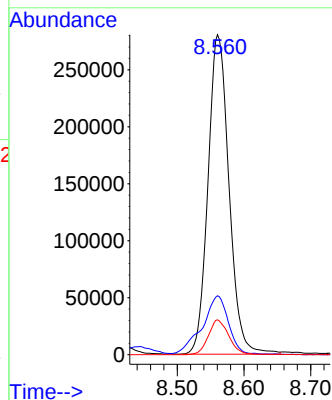
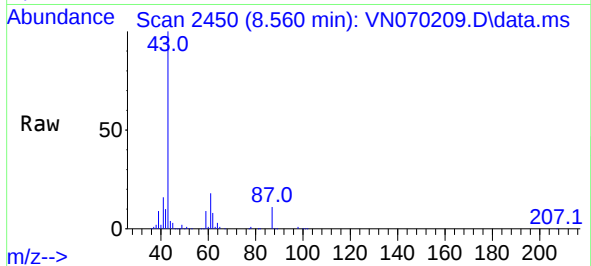
#43
Isopropyl Acetate
Concen: 19.80 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion: 43 Resp: 61353
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.7 11.2 16.8

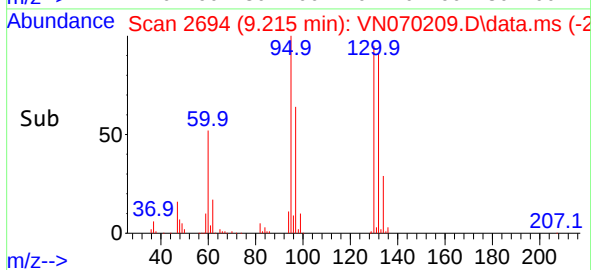
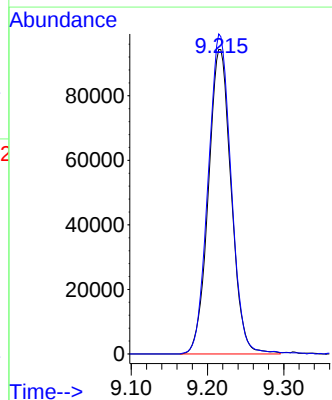
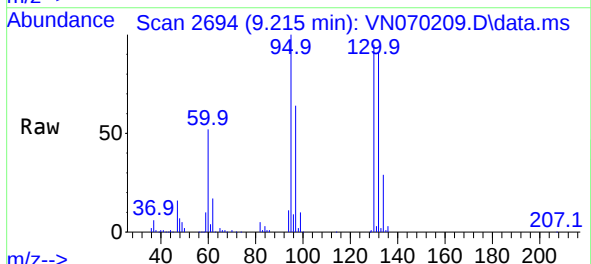
Manual Integrations
APPROVED

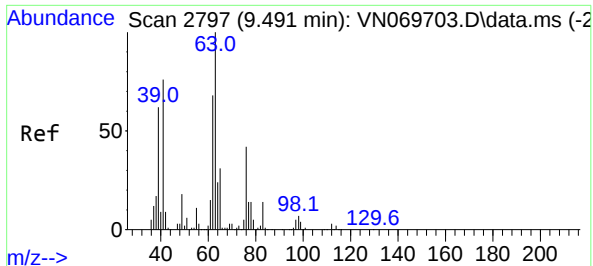
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#44
Trichloroethene
Concen: 19.05 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion:130 Resp: 195584
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.65 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBS01

Tgt Ion: 63 Resp: 23853

Ion Ratio Lower Upper

63 100

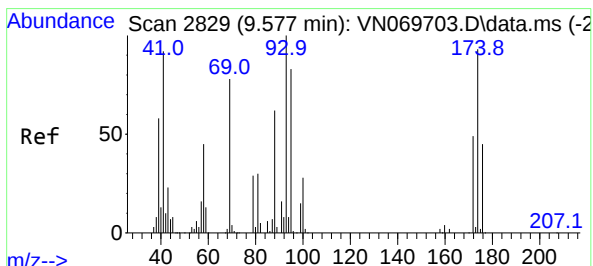
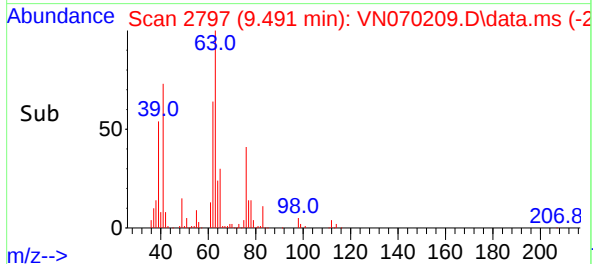
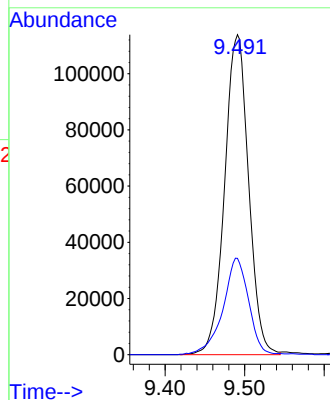
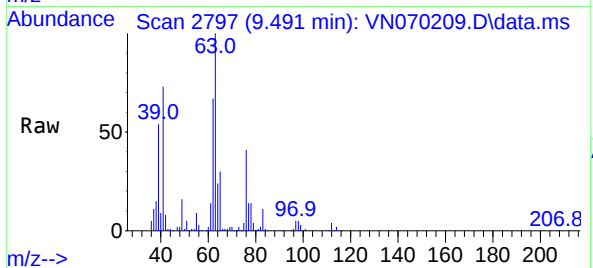
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#46

Dibromomethane

Concen: 19.40 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

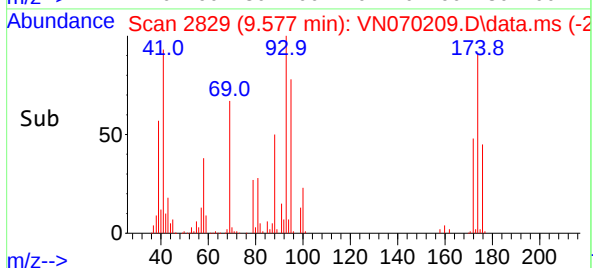
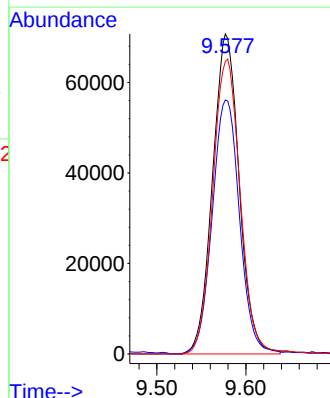
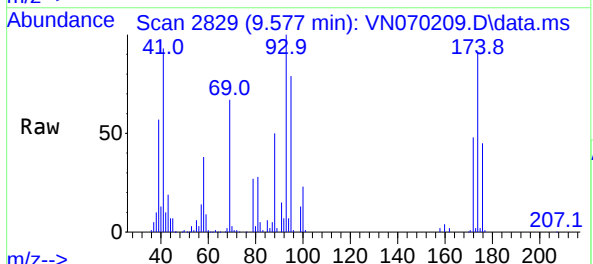
Tgt Ion: 93 Resp: 146979

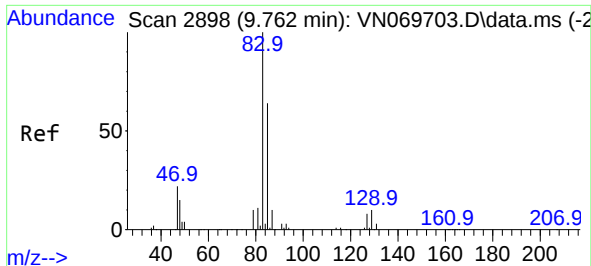
Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

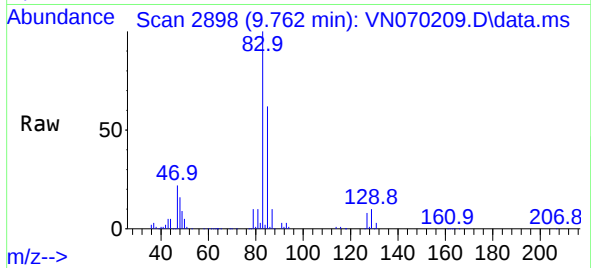
174 95.2 84.6 127.0





#47
Bromodichloromethane
Concen: 20.15 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

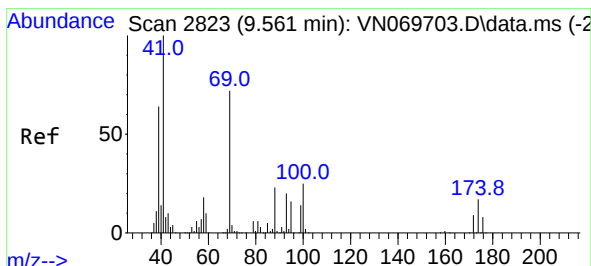
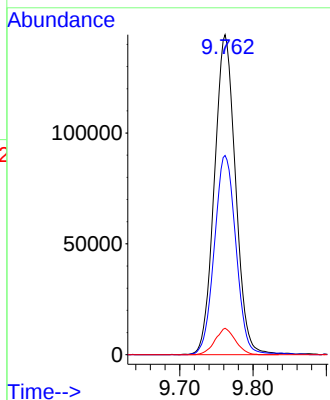
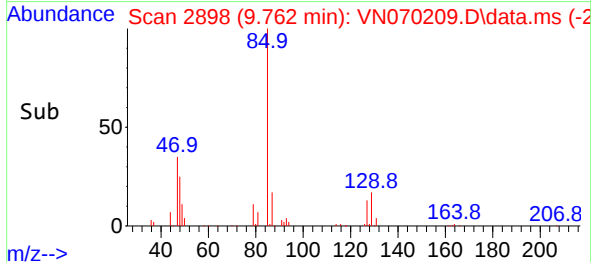
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



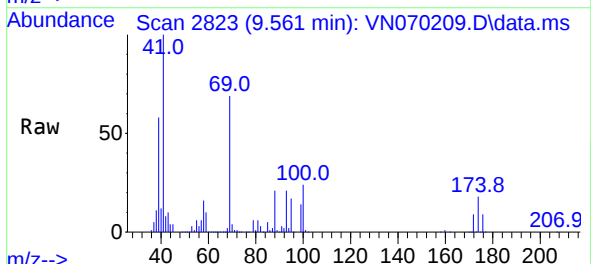
Tgt Ion: 83 Resp: 288992
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
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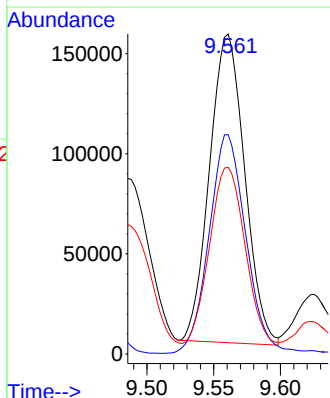
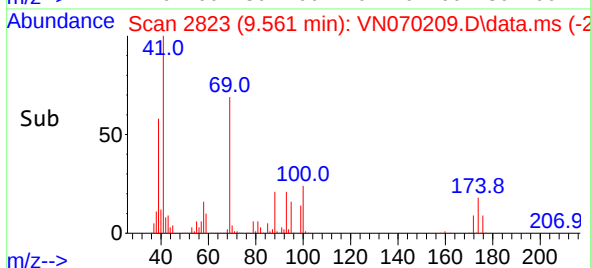
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

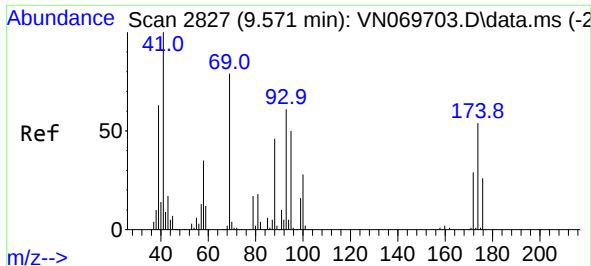


#48
Methyl methacrylate
Concen: 19.53 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



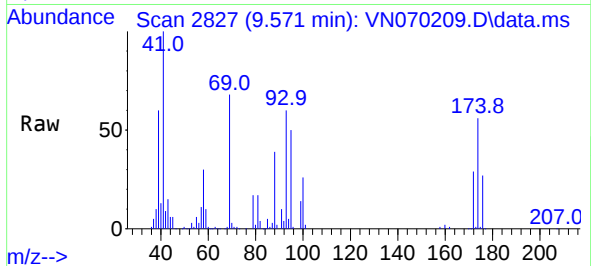
Tgt Ion: 41 Resp: 282525
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 63.7 58.4 87.6





#49
1,4-Dioxane
Concen: 338.84 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

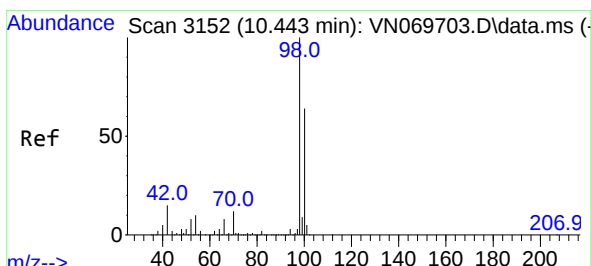
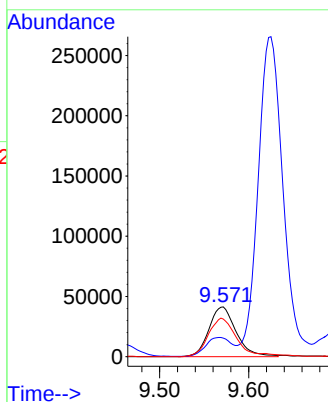
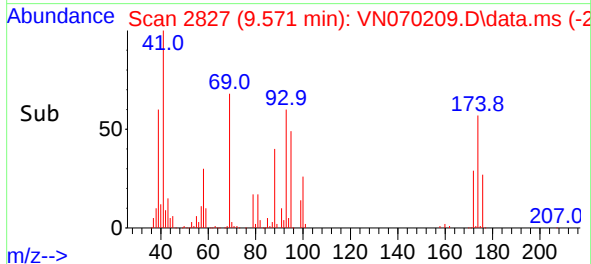
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



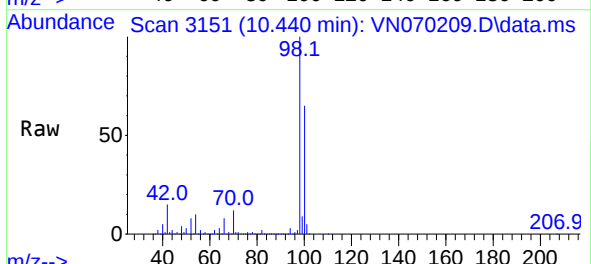
Tgt Ion: 88 Resp: 8793
Ion Ratio Lower Upper
88 100
43 36.9 23.4 35.2
58 77.1 50.6 75.8

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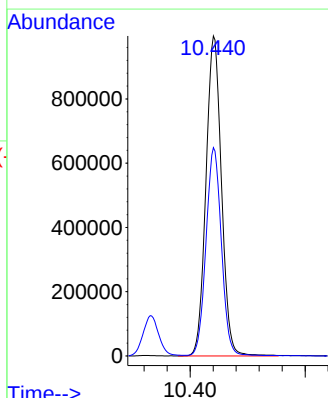
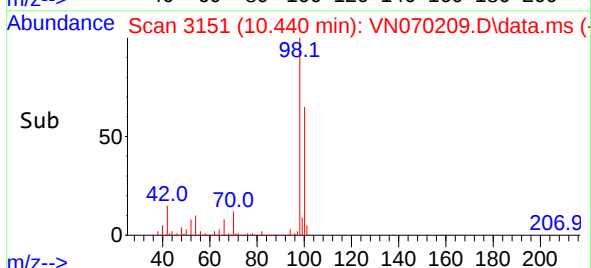
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

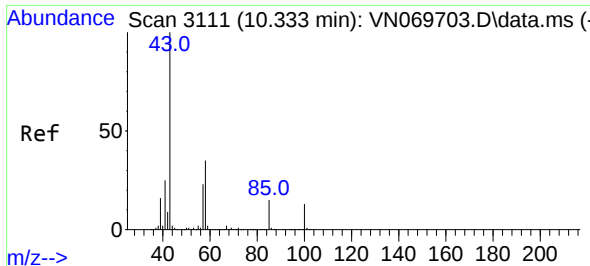


#50
Toluene-d8
Concen: 50.13 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion: 98 Resp: 1863551
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





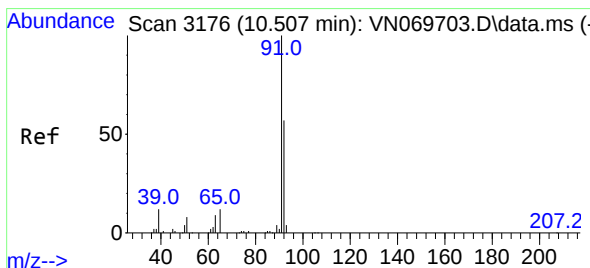
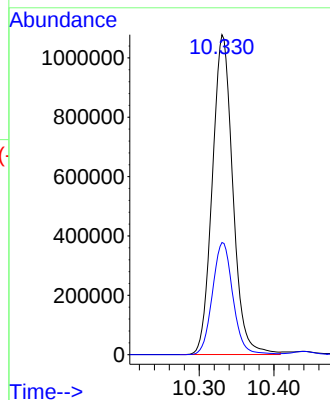
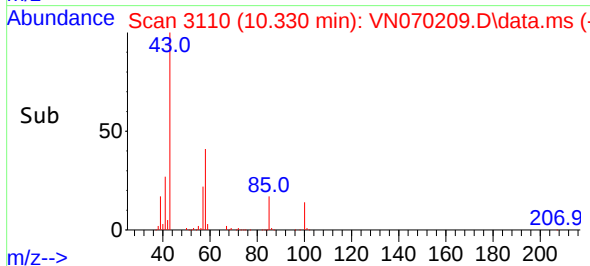
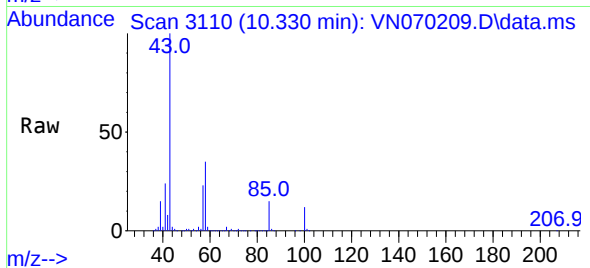
#51
4-Methyl-2-Pentanone
Concen: 102.08 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion: 43 Resp: 2052340
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

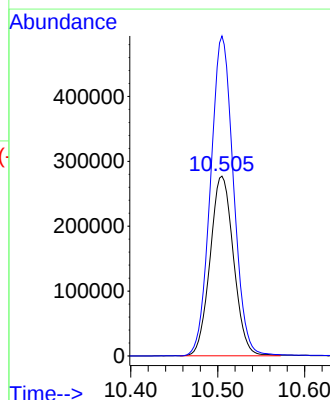
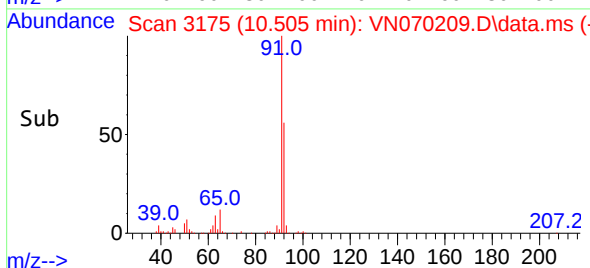
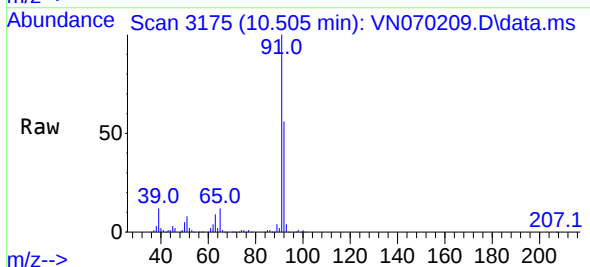
Manual Integrations
APPROVED

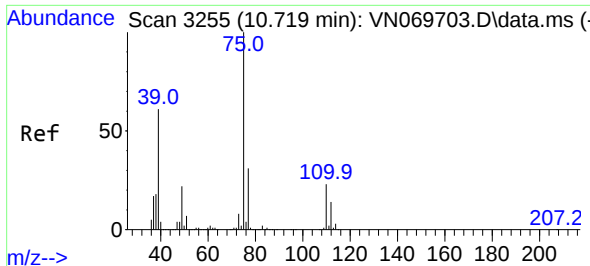
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#52
Toluene
Concen: 19.75 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion: 92 Resp: 518654
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





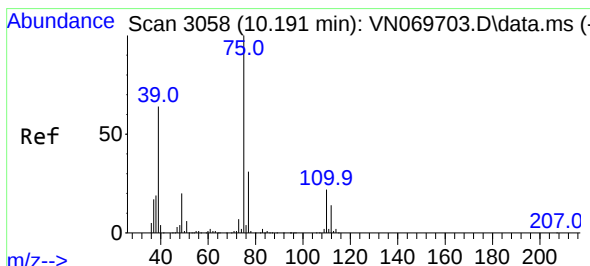
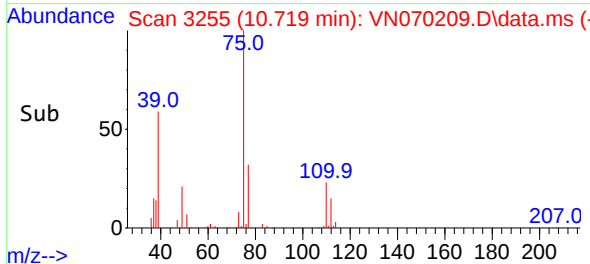
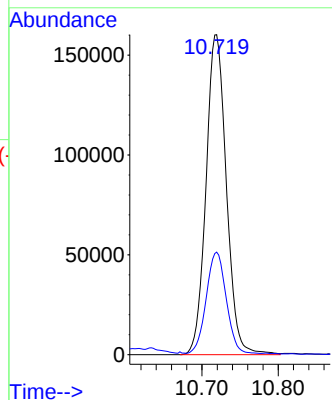
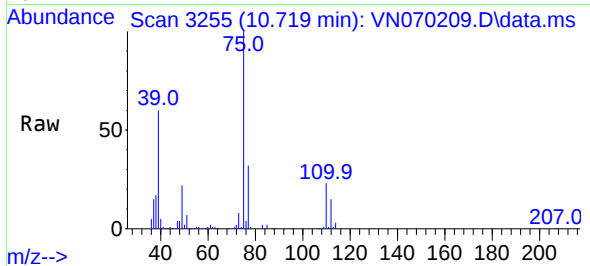
#53
t-1,3-Dichloropropene
Concen: 19.07 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01

Tgt Ion: 75 Resp: 297408
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

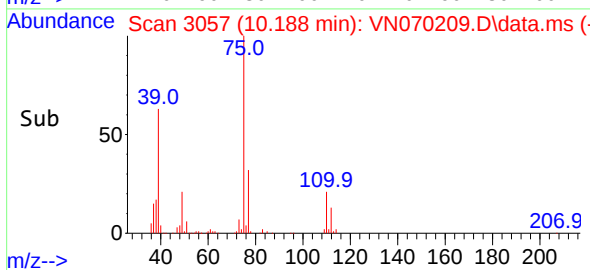
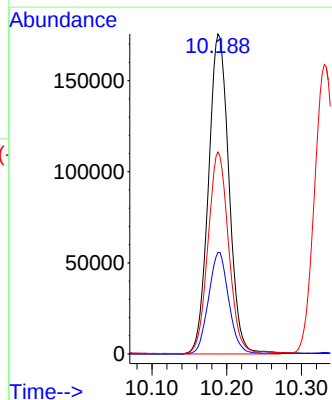
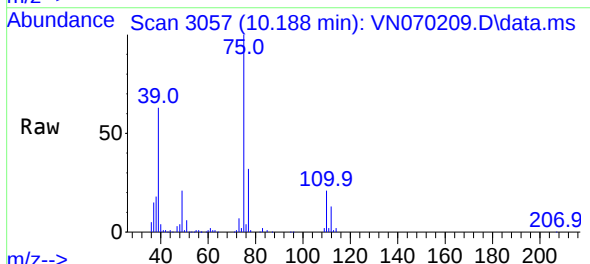
Manual Integrations
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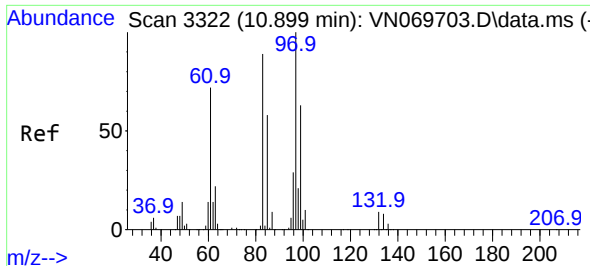
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#54
cis-1,3-Dichloropropene
Concen: 19.70 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

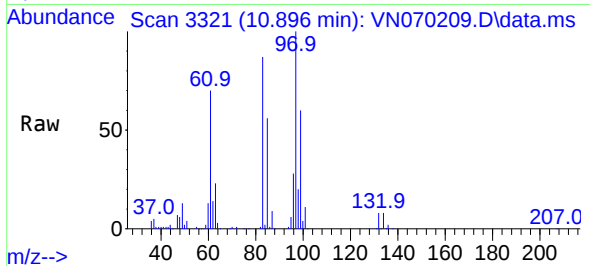
Tgt Ion: 75 Resp: 333879
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 63.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.02 ug/l
RT: 10.896 min Scan# 3120
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

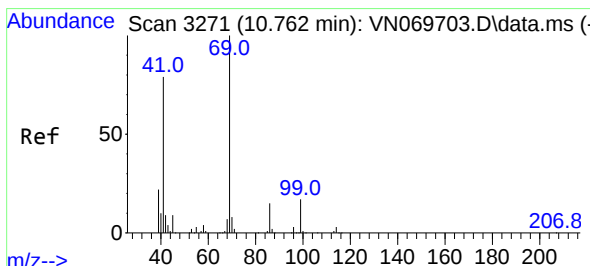
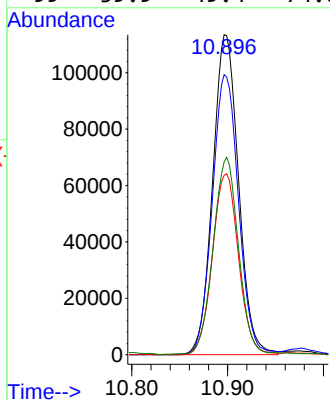
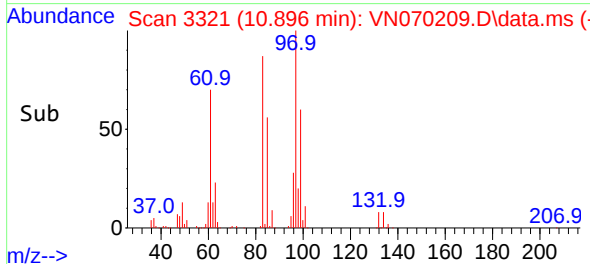
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



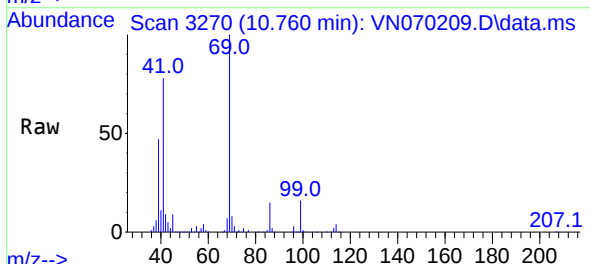
Tgt Ion: 97 Resp: 212108
Ion Ratio Lower Upper
97 100
83 87.5 67.8 101.6
85 56.1 45.4 68.2
99 59.9 49.4 74.0

Manual Integrations
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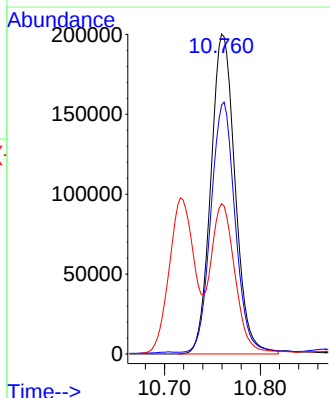
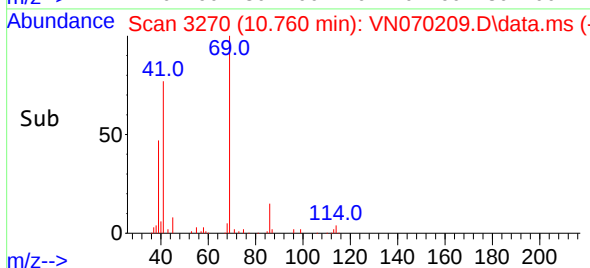
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

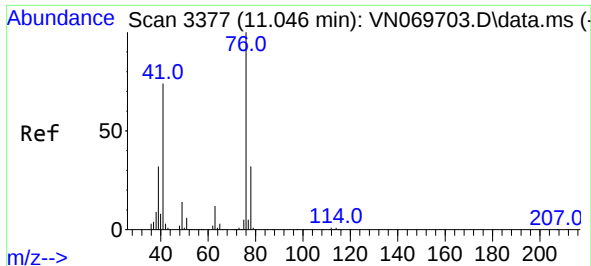


#56
Ethyl methacrylate
Concen: 19.10 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion: 69 Resp: 352236
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 45.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.38 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070209.D

Acq: 18 Dec 2021 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN1218MBS01

Tgt Ion: 76 Resp: 380094

Ion Ratio Lower Upper

76 100

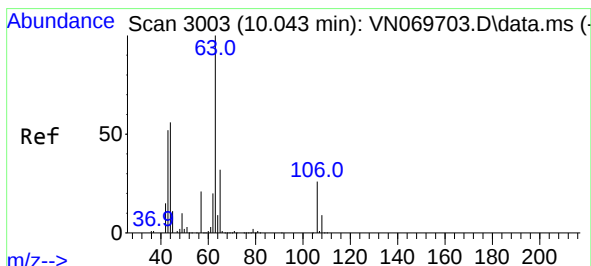
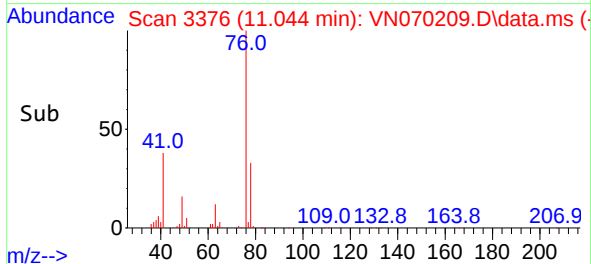
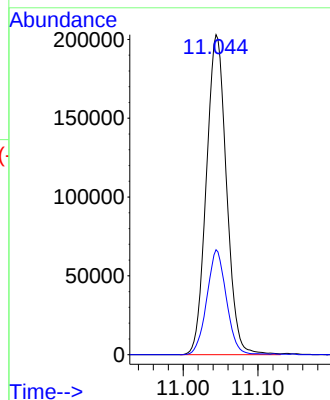
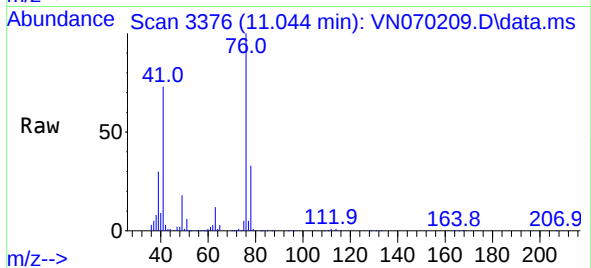
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#58

2-Chloroethyl Vinyl ether

Concen: 105.86 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070209.D

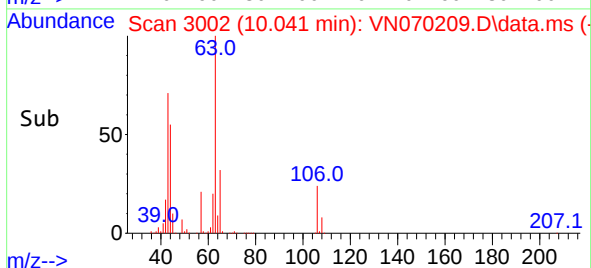
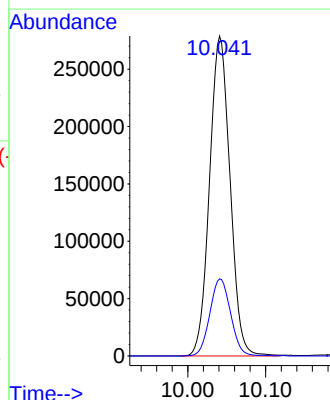
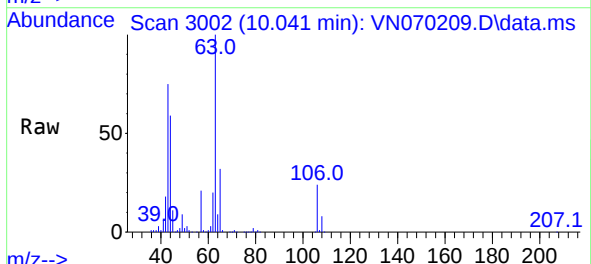
Acq: 18 Dec 2021 13:28

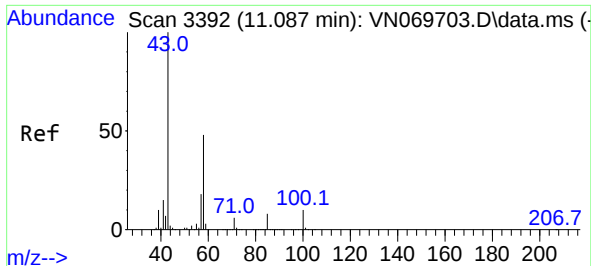
Tgt Ion: 63 Resp: 509678

Ion Ratio Lower Upper

63 100

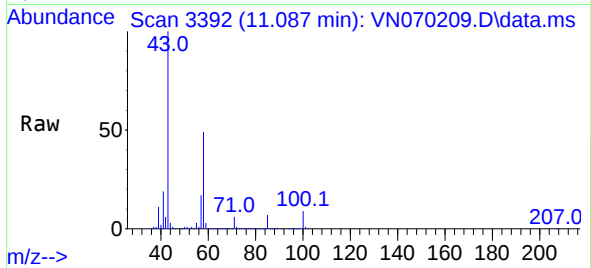
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 102.21 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

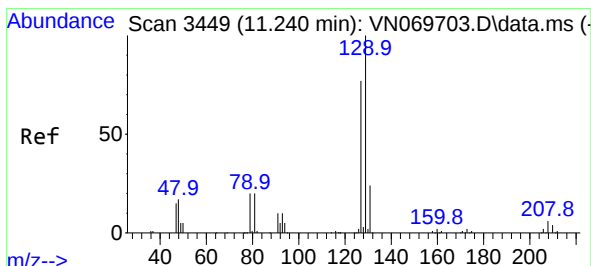
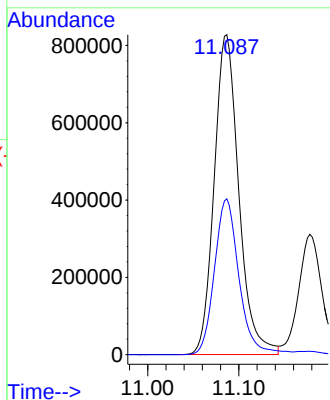
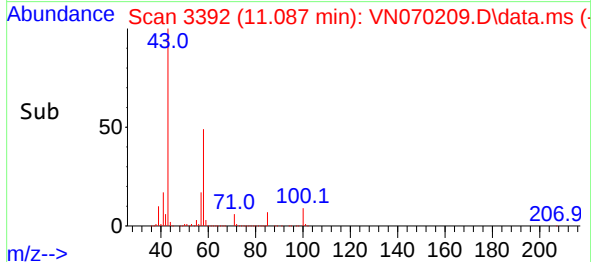
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



Tgt Ion: 43 Resp: 155447
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

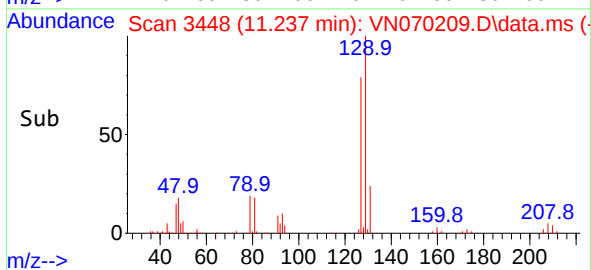
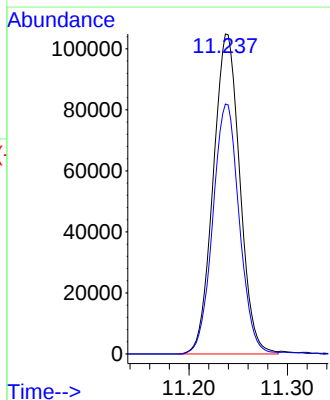
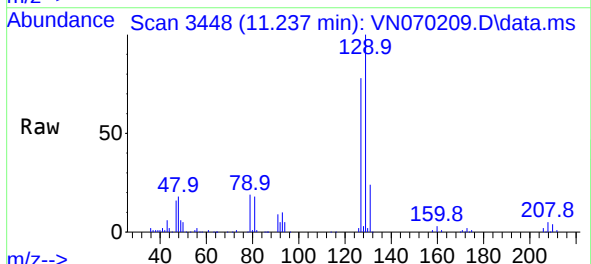
Manual Integrations
APPROVED

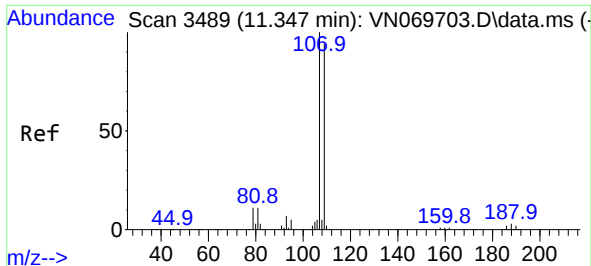
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#60
Dibromochloromethane
Concen: 18.92 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

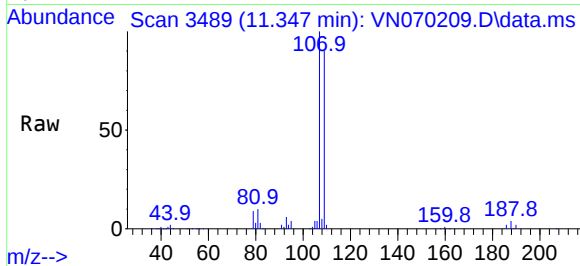
Tgt Ion:129 Resp: 197223
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.95 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

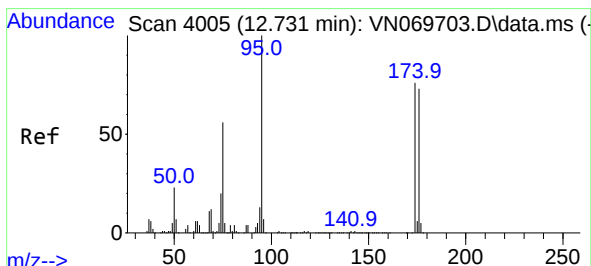
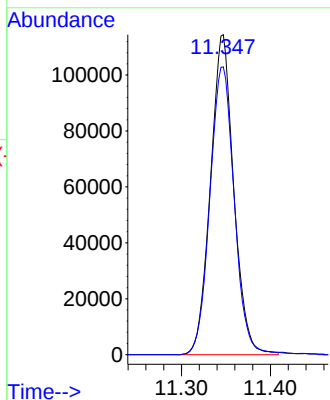
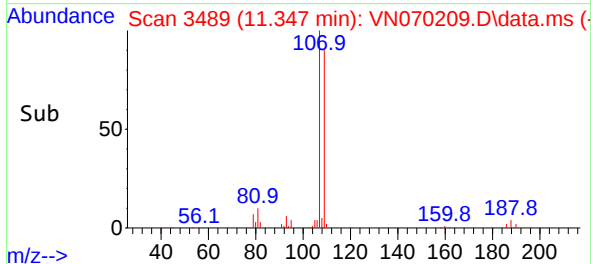
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



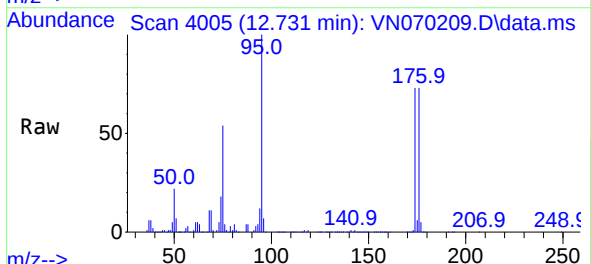
Tgt Ion:107 Resp: 207985
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

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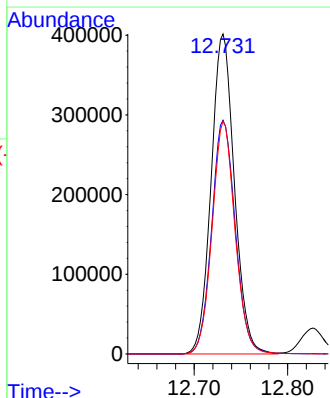
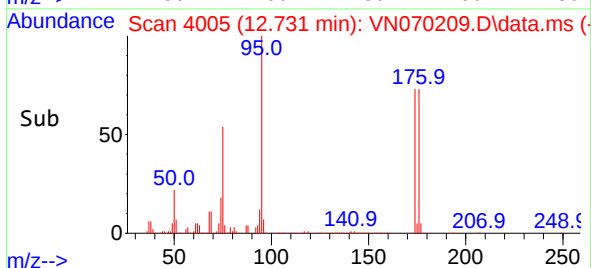
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

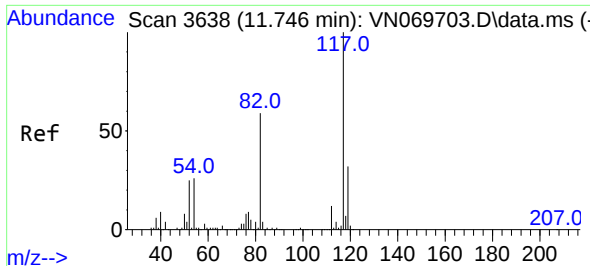


#62
4-Bromofluorobenzene
Concen: 51.66 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



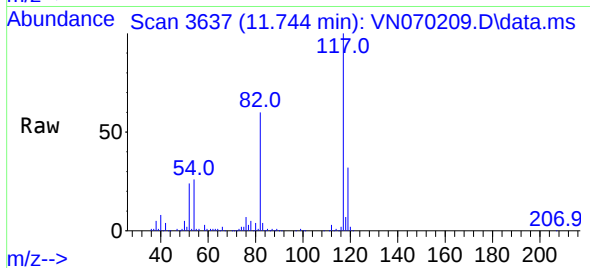
Tgt Ion: 95 Resp: 695785
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

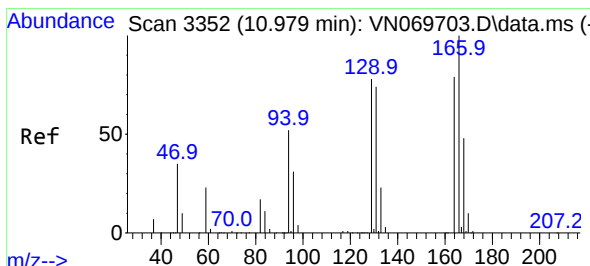
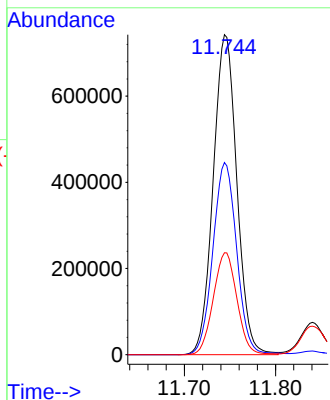
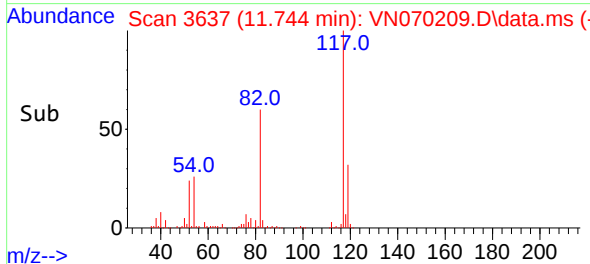
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



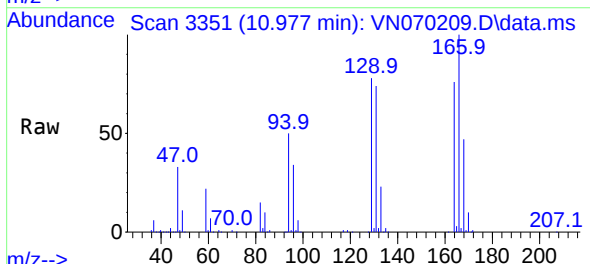
Tgt Ion:117 Resp: 133757
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
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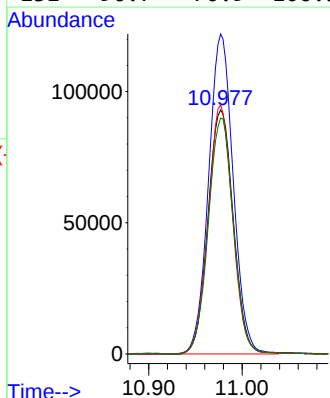
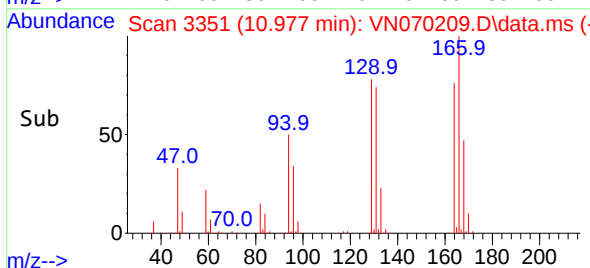
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#64
Tetrachloroethene
Concen: 19.31 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion:164 Resp: 175156
Ion Ratio Lower Upper
164 100
166 131.0 101.9 152.9
129 102.1 72.0 108.0
131 96.7 70.9 106.3





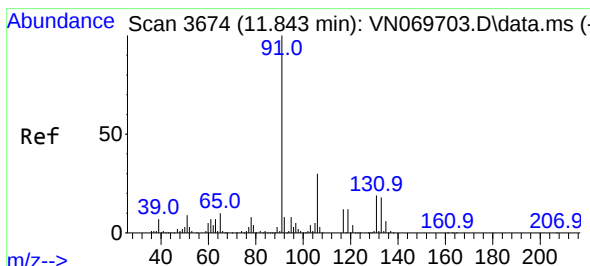
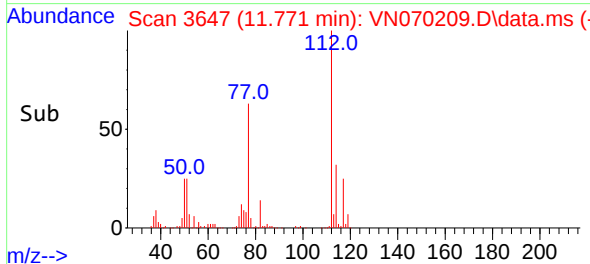
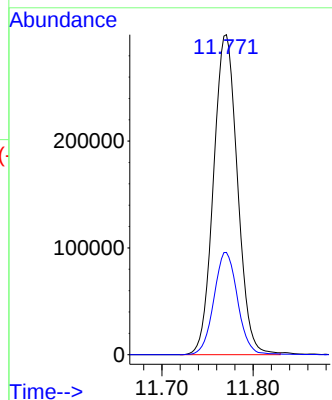
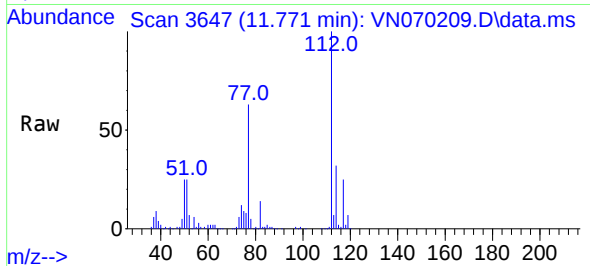
#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion:112 Resp: 54698
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

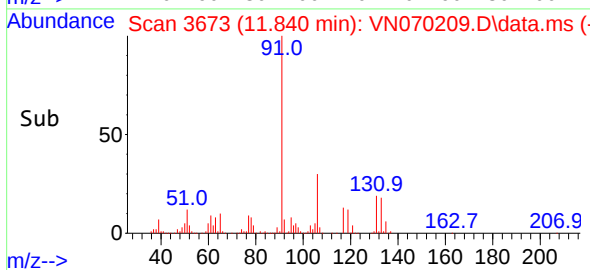
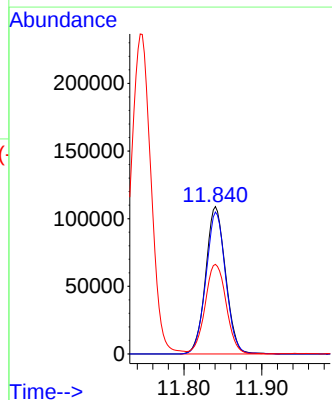
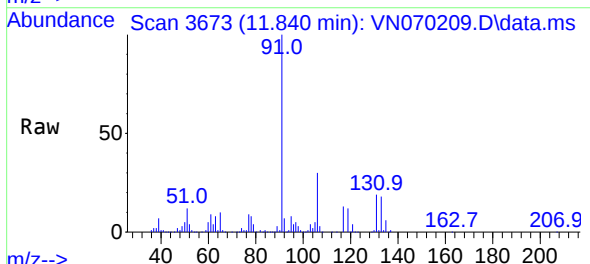
Manual Integrations
APPROVED

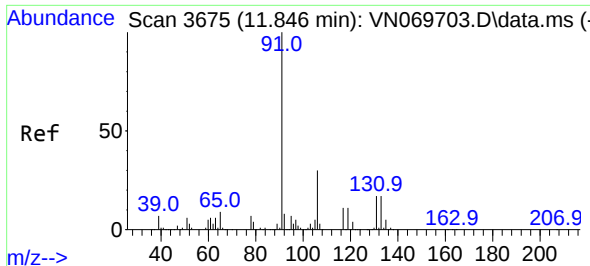
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.31 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

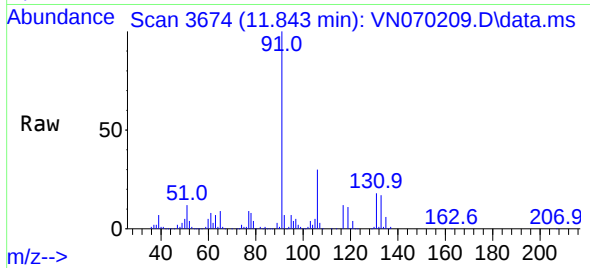
Tgt Ion:131 Resp: 193986
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 20.70 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

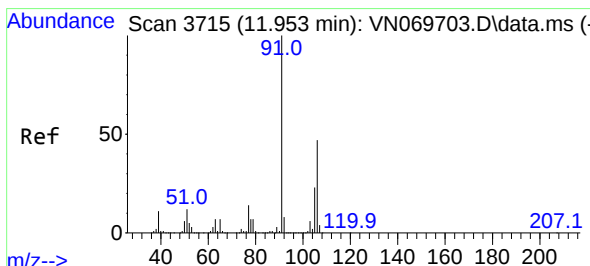
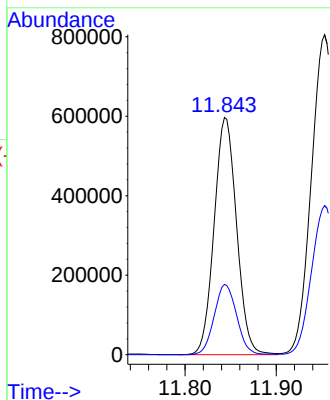
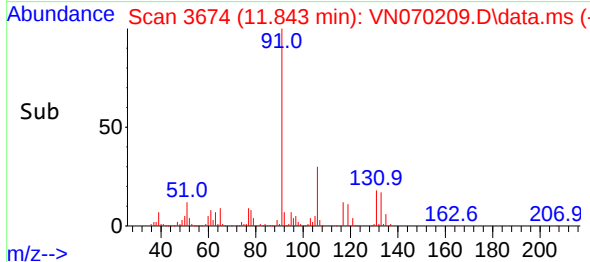
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



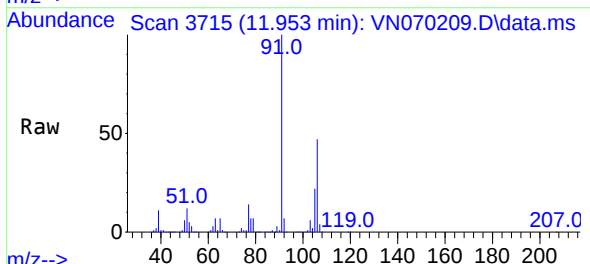
Tgt Ion: 91 Resp: 102034
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

Manual Integrations
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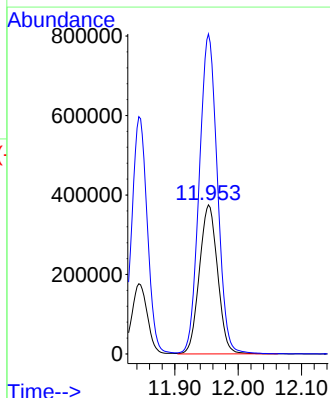
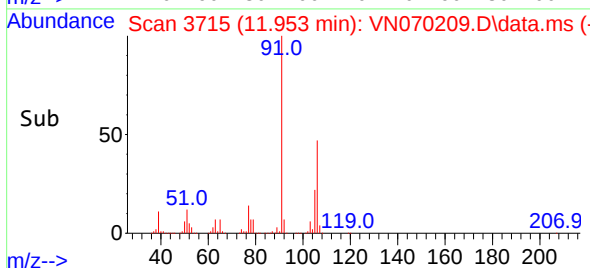
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

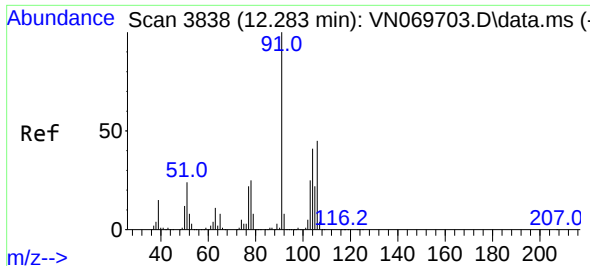


#68
m/p-Xylenes
Concen: 41.72 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion:106 Resp: 748749
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





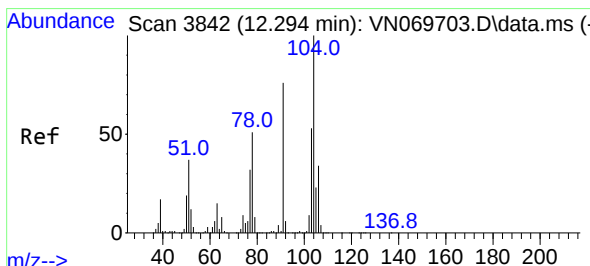
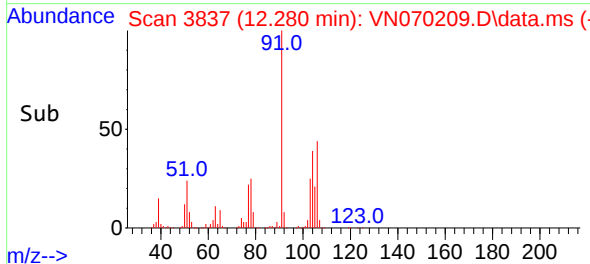
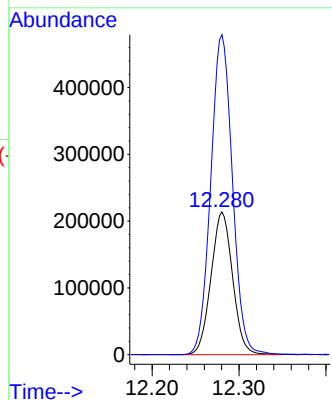
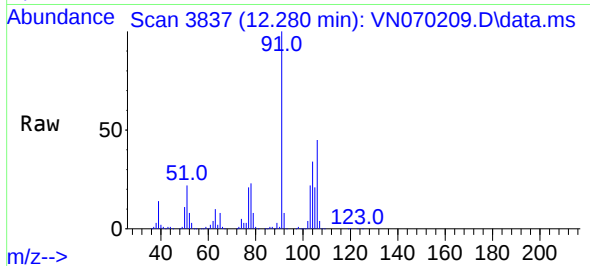
#69
o-Xylene
Concen: 20.40 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion:106 Resp: 368862
Ion Ratio Lower Upper
106 100
91 225.6 105.8 317.3

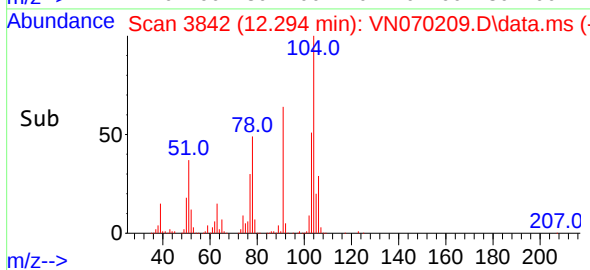
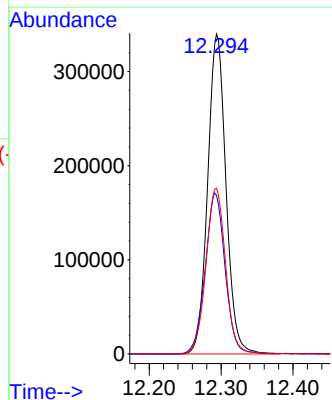
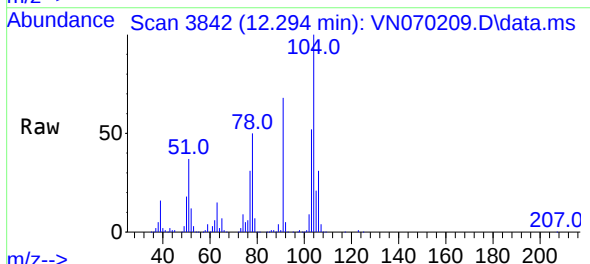
Manual Integrations
APPROVED

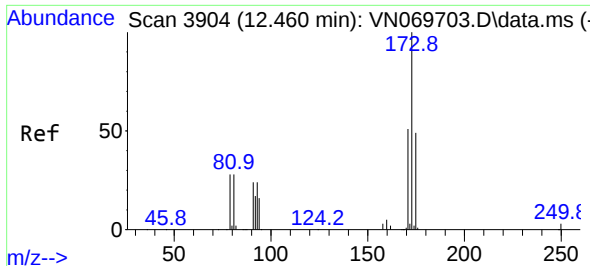
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#70
Styrene
Concen: 21.02 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion:104 Resp: 602566
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 55.7 45.0 67.6





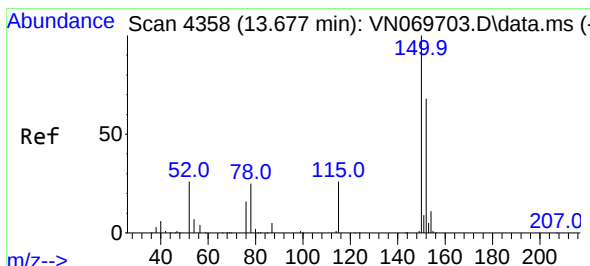
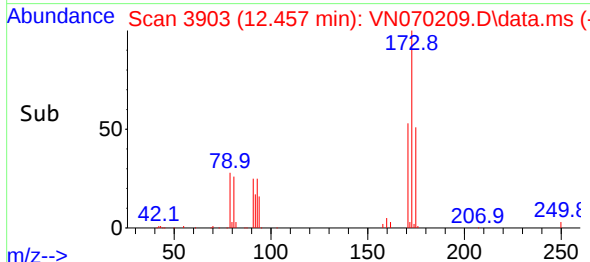
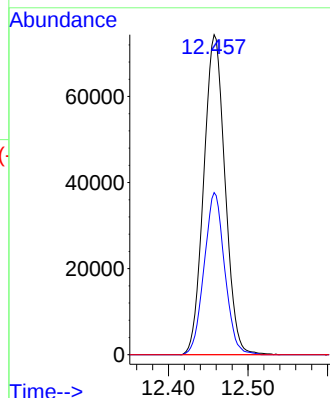
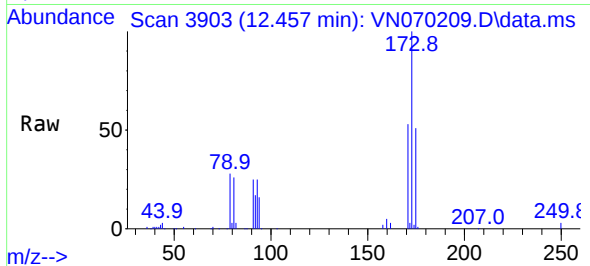
#71
Bromoform
Concen: 18.73 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01

Tgt Ion:173 Resp: 138219
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

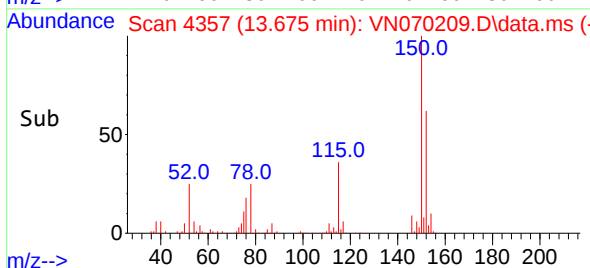
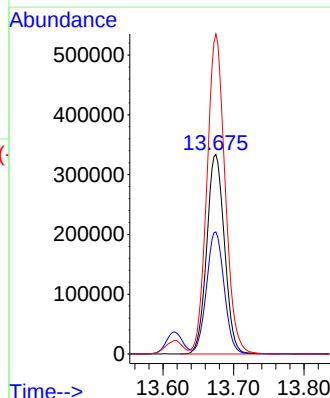
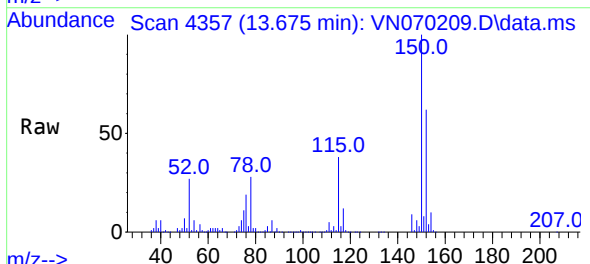
Manual Integrations
APPROVED

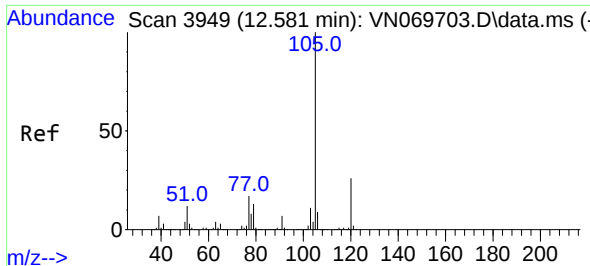
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

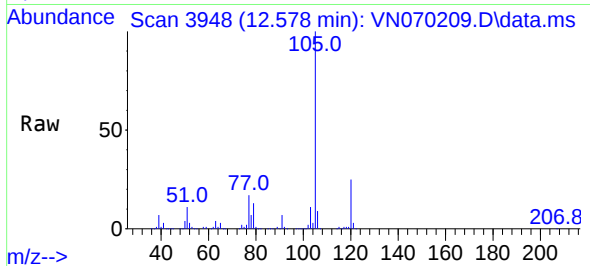
Tgt Ion:152 Resp: 583500
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 164.0 0.0 344.4





#73
Isopropylbenzene
Concen: 19.00 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

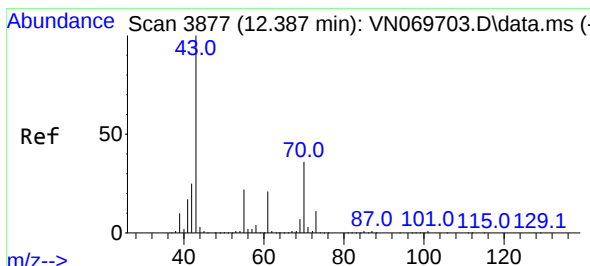
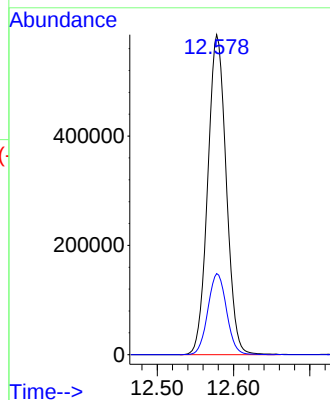
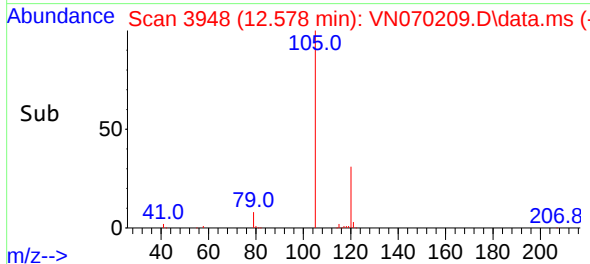
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



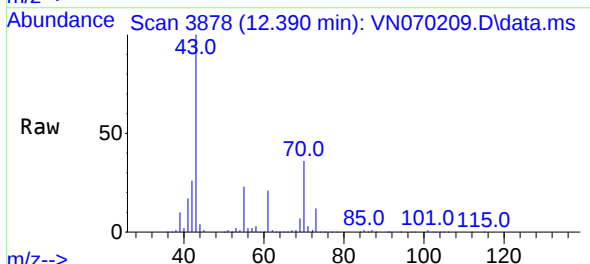
Tgt Ion:105 Resp: 986497
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
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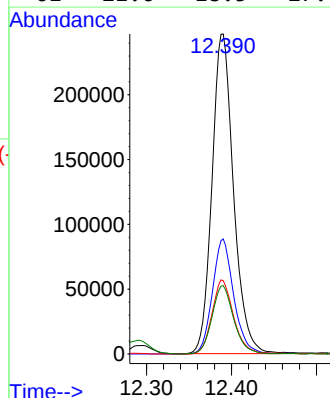
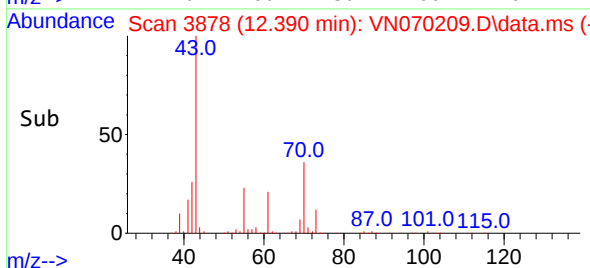
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

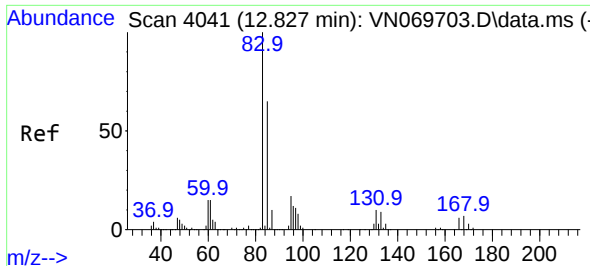


#74
N-ethyl acetate
Concen: 18.90 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



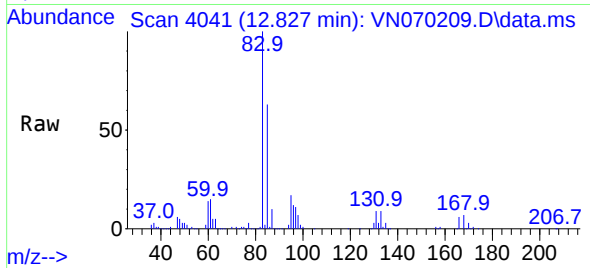
Tgt Ion: 43 Resp: 433889
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.2 19.3 28.9
61 21.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.99 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

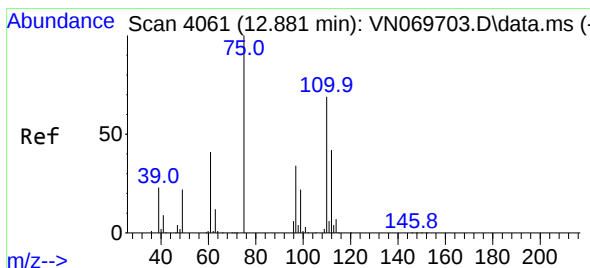
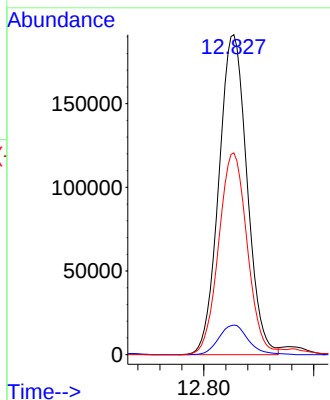
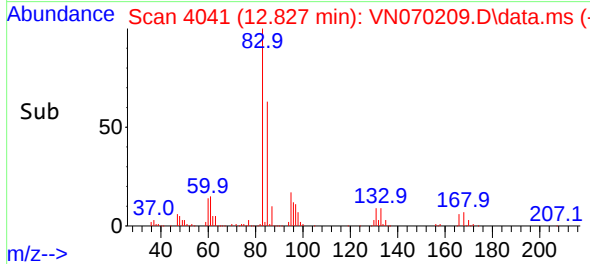
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



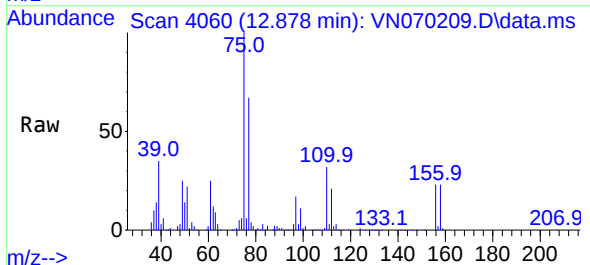
Tgt Ion: 83 Resp: 340925
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

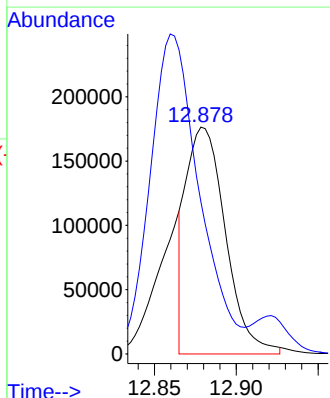
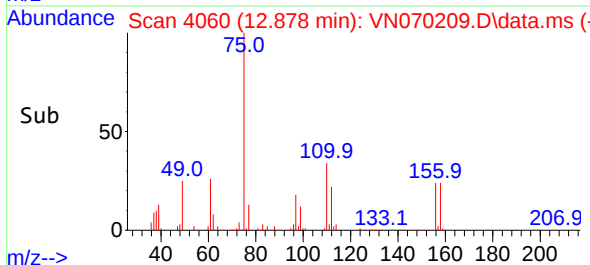
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

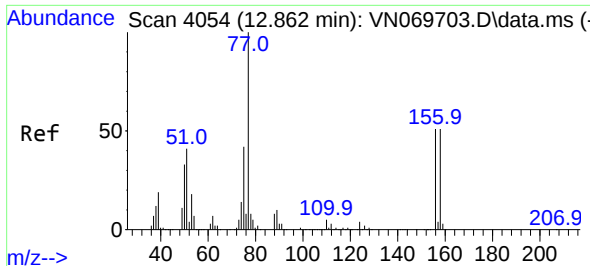


#76
1,2,3-Trichloropropane
Concen: 17.66 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



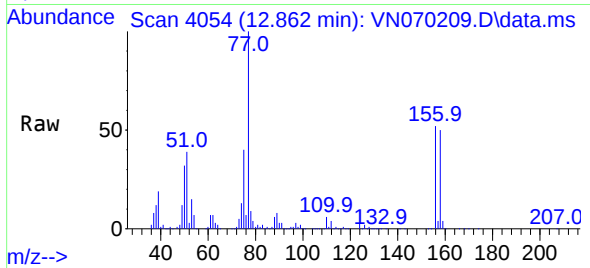
Tgt Ion: 75 Resp: 295581
Ion Ratio Lower Upper
75 100
77 177.3 82.6 247.8





#77
Bromobenzene
Concen: 18.56 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

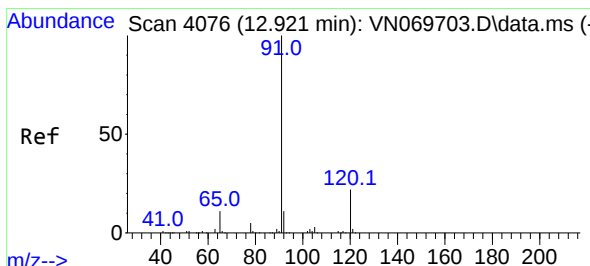
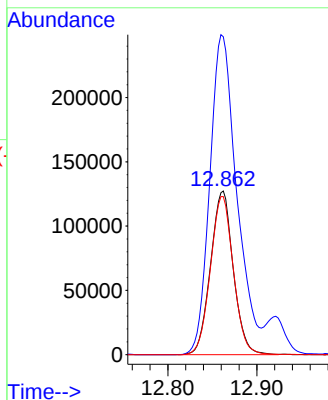
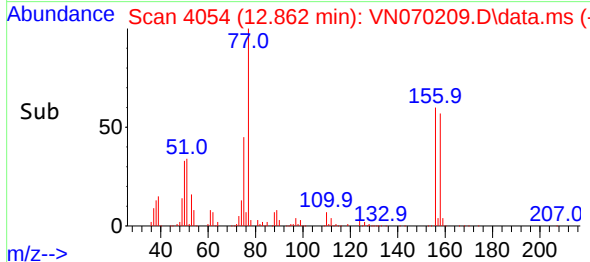
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



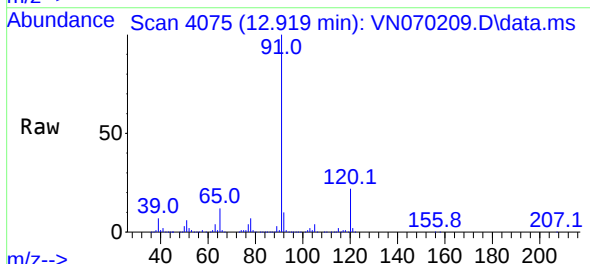
Tgt Ion:156 Resp: 22627
Ion Ratio Lower Upper
156 100
77 231.6 90.6 271.8
158 97.5 48.9 146.7

Manual Integrations
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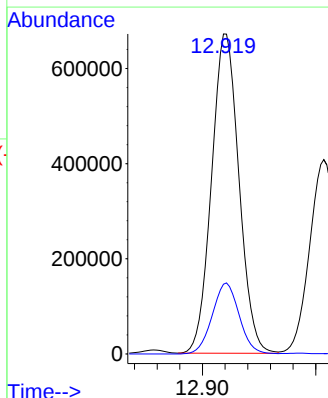
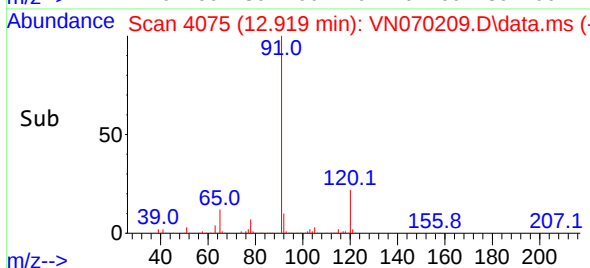
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

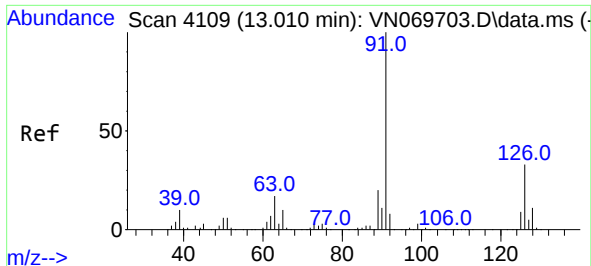


#78
n-propylbenzene
Concen: 19.52 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion: 91 Resp: 1127675
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





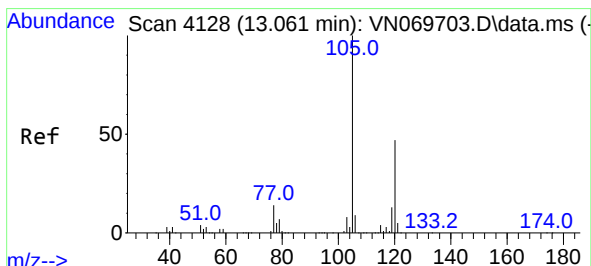
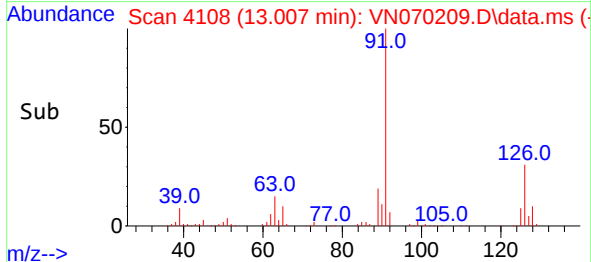
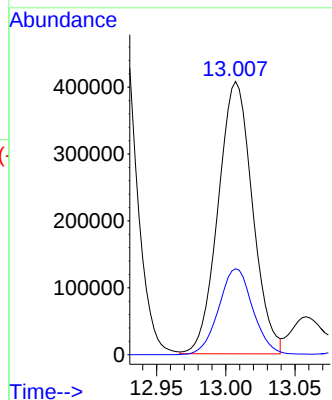
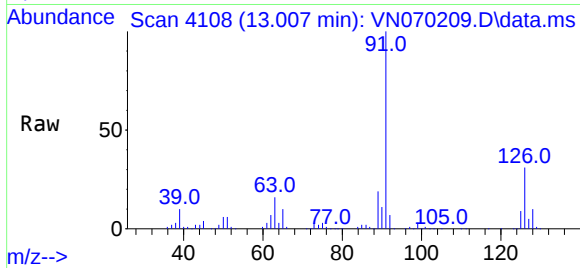
#79
2-Chlorotoluene
Concen: 19.28 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion: 91 Resp: 70396
Ion Ratio Lower Upper
91 100
126 31.5 18.3 54.8

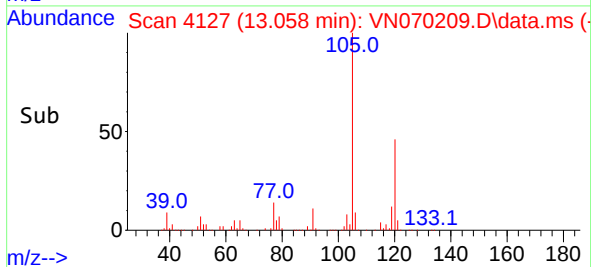
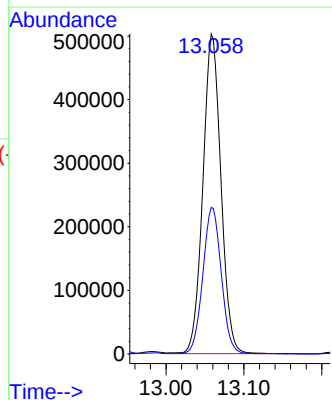
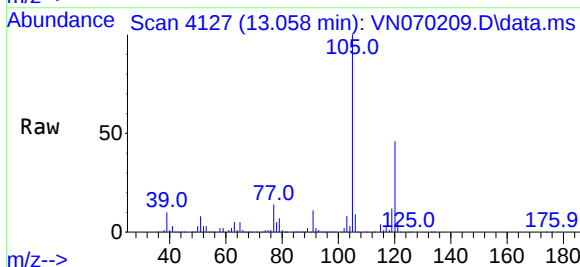
Manual Integrations
APPROVED

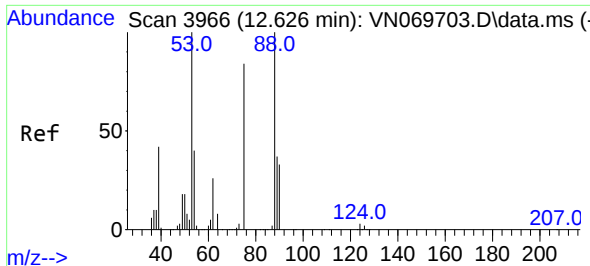
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.39 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

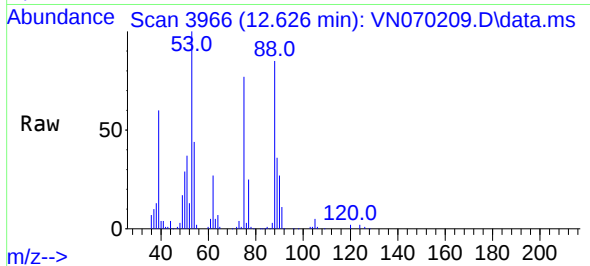
Tgt Ion:105 Resp: 810103
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.37 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

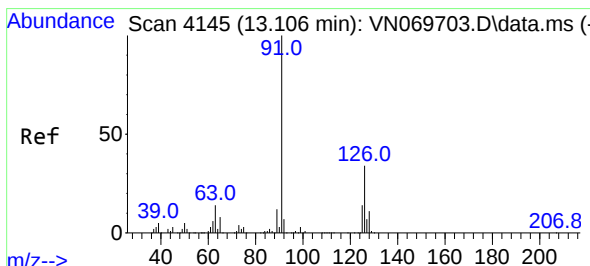
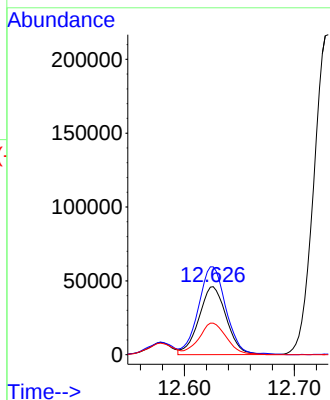
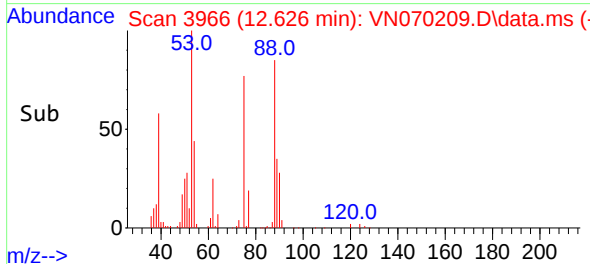
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



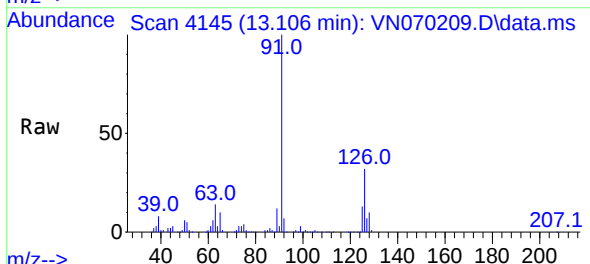
Tgt Ion: 75 Resp: 7964
Ion Ratio Lower Upper
75 100
53 130.1 90.5 135.7
89 47.0 38.2 57.4

Manual Integrations
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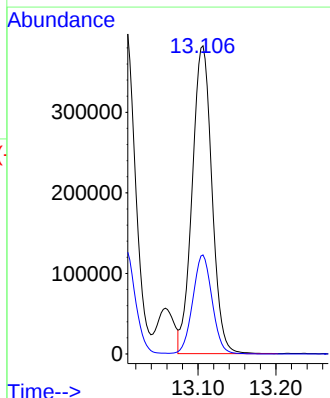
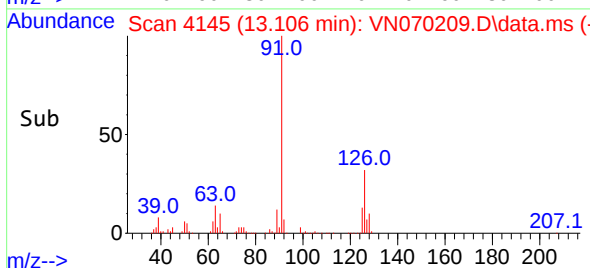
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#82
4-Chlorotoluene
Concen: 19.59 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion: 91 Resp: 672506
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





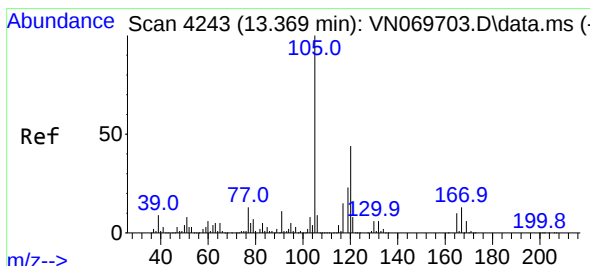
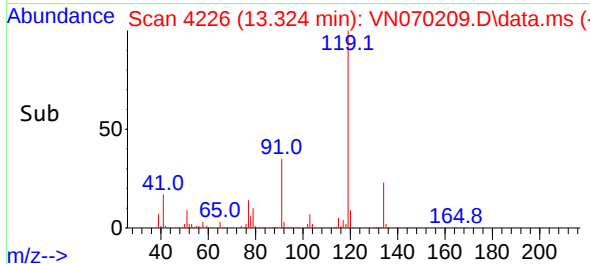
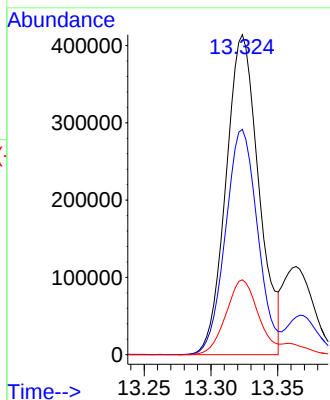
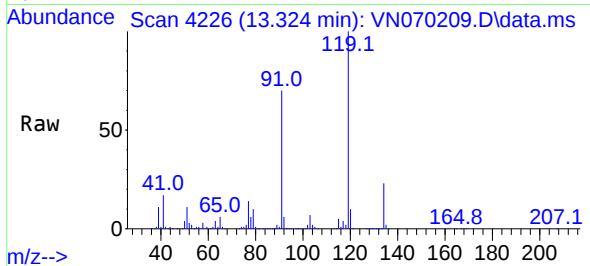
#83
tert-Butylbenzene
Concen: 19.18 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01

Tgt Ion:119 Resp: 709790
Ion Ratio Lower Upper
119 100
91 69.4 31.5 94.5
134 23.3 12.4 37.4

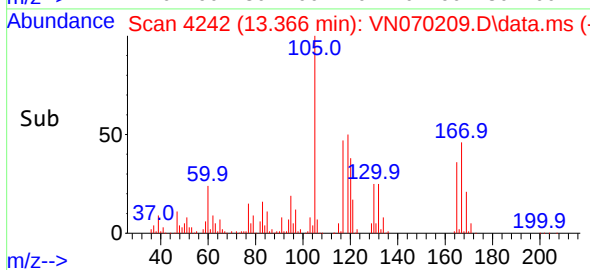
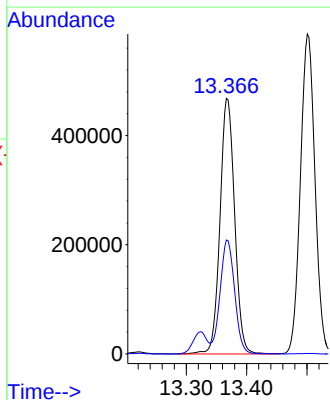
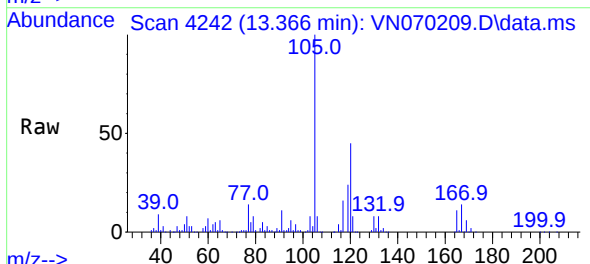
Manual Integrations
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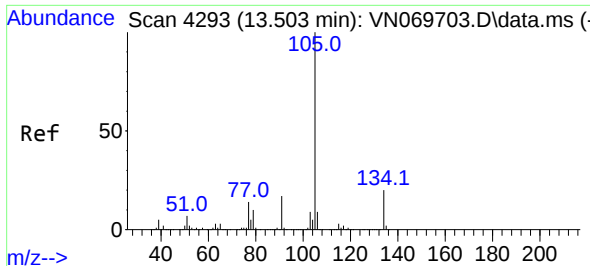
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.85 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

Tgt Ion:105 Resp: 790028
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





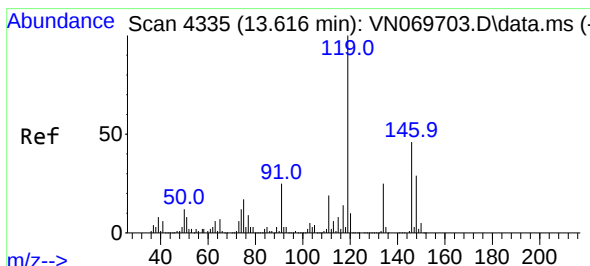
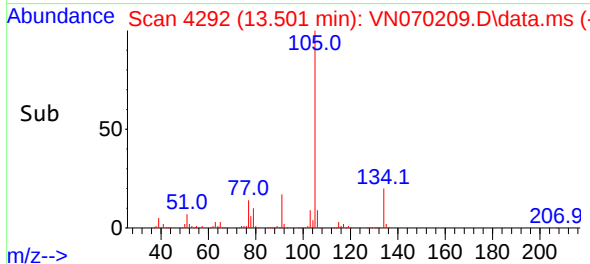
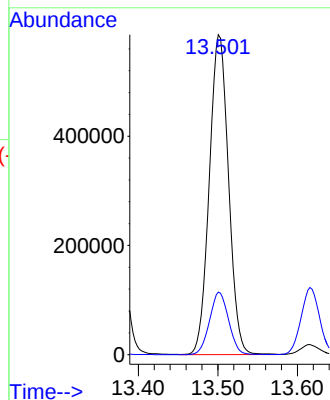
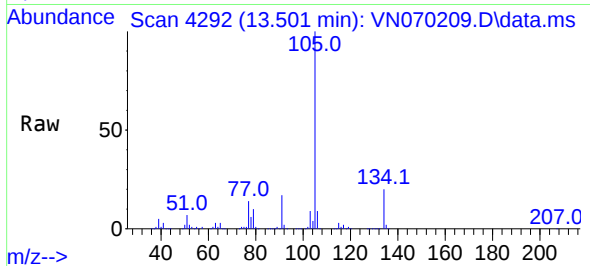
#85
 sec-Butylbenzene
 Concen: 19.58 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070209.D
 Acq: 18 Dec 2021 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Tgt Ion:105 Resp: 98251
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

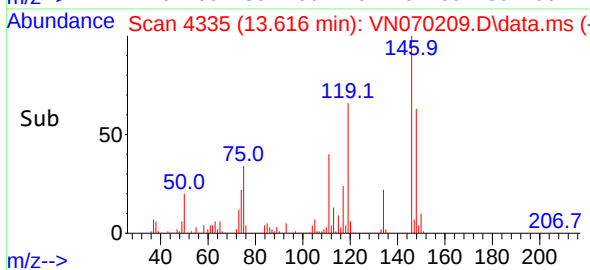
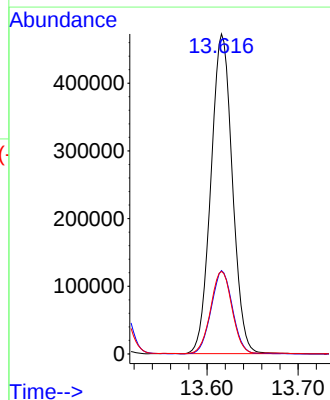
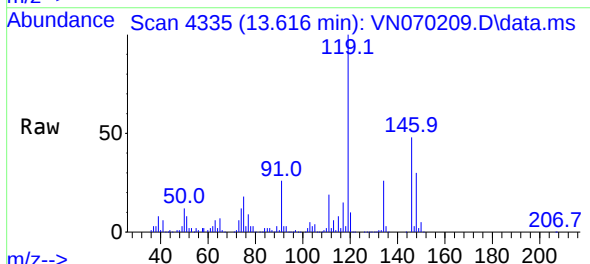
Manual Integrations
 APPROVED

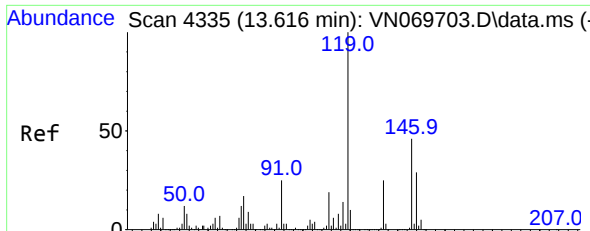
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021



#86
 p-Isopropyltoluene
 Concen: 19.68 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070209.D
 Acq: 18 Dec 2021 13:28

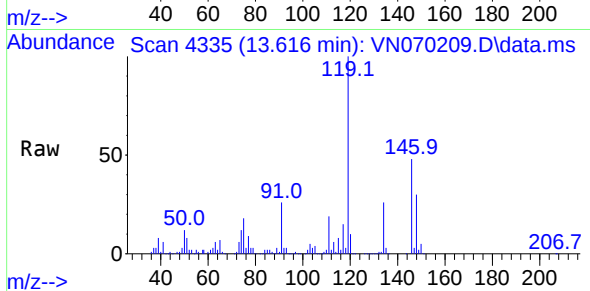
Tgt Ion:119 Resp: 772150
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.38 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

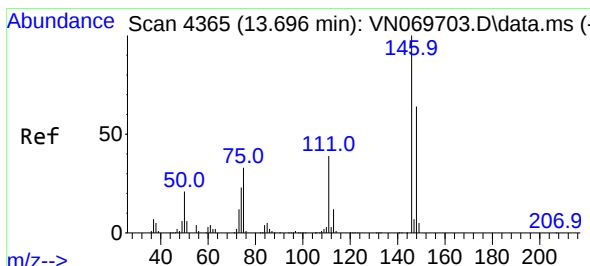
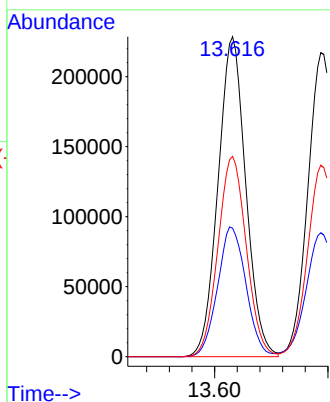
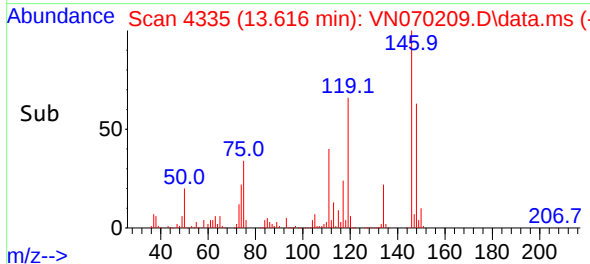
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



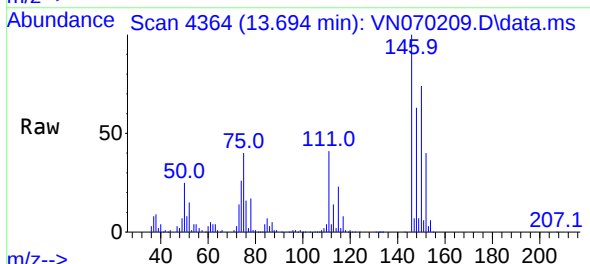
Tgt Ion:146 Resp: 388289
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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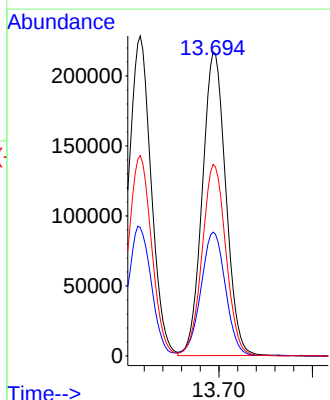
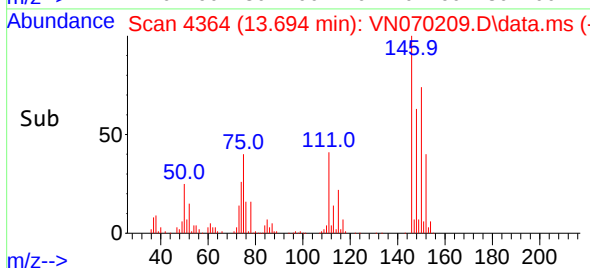
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#88
1,4-Dichlorobenzene
Concen: 19.21 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



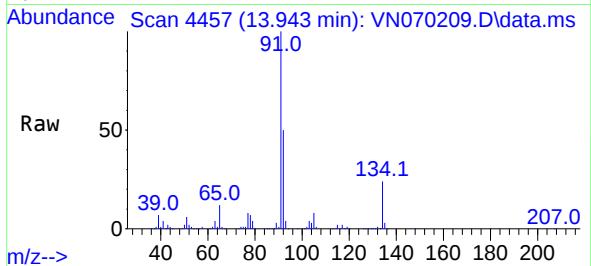
Tgt Ion:146 Resp: 378261
Ion Ratio Lower Upper
146 100
111 42.6 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 19.71 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

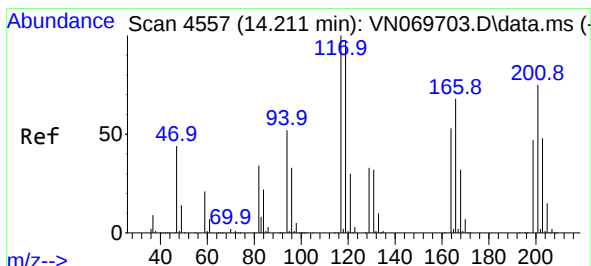
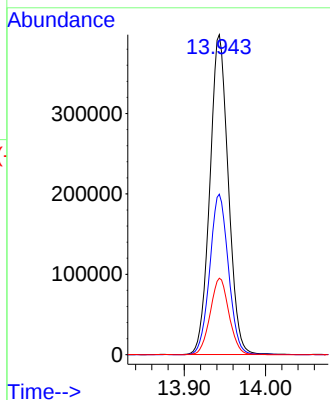
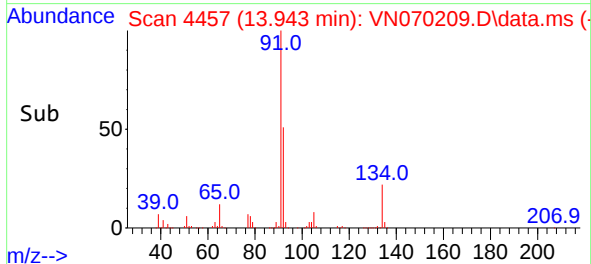
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



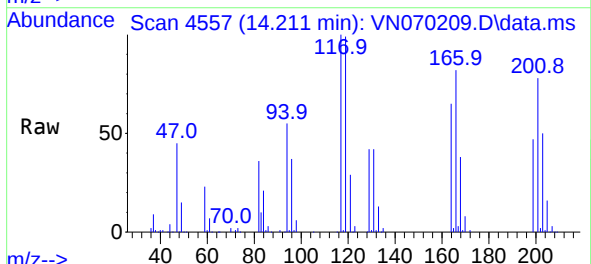
Tgt Ion: 91 Resp: 62726
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.4 13.6 40.8

Manual Integrations
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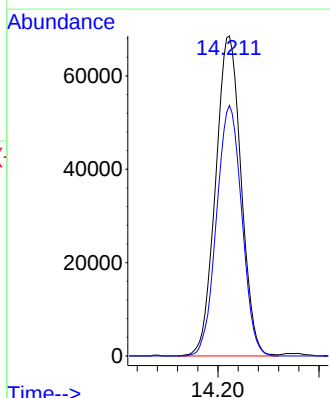
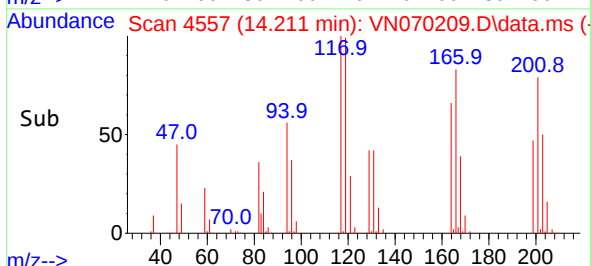
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

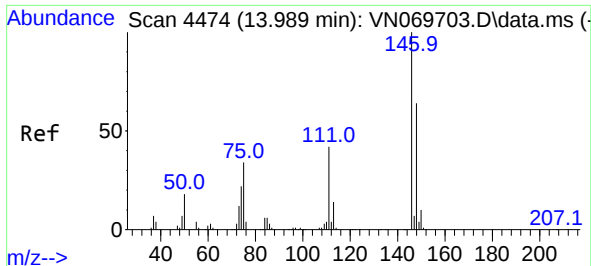


#90
Hexachloroethane
Concen: 17.46 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



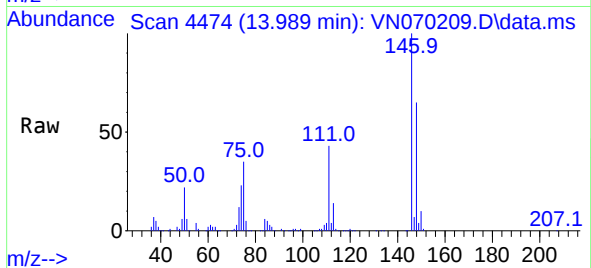
Tgt Ion:117 Resp: 120259
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.86 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

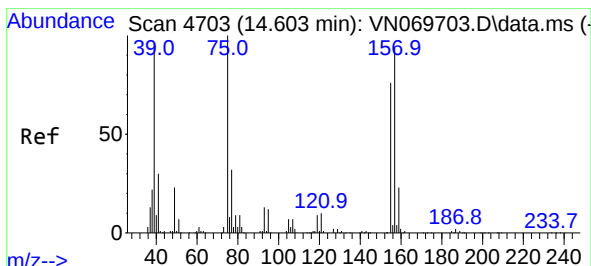
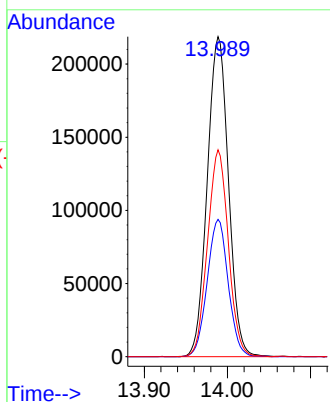
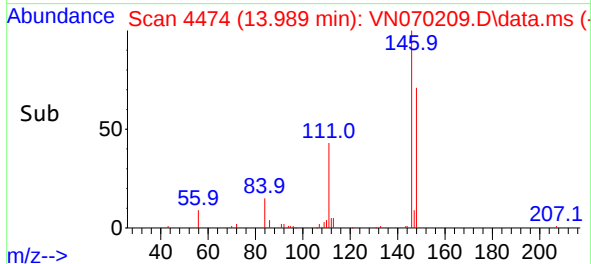
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



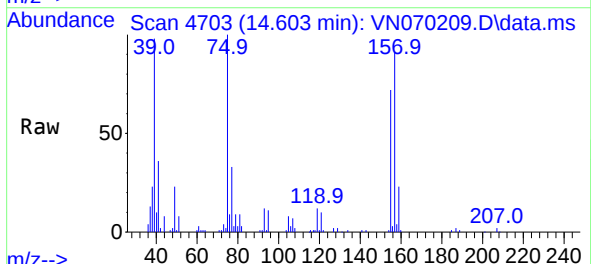
Tgt Ion:146 Resp: 387709
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations
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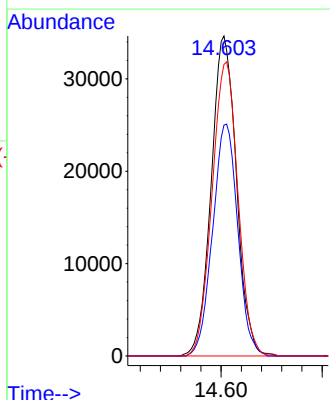
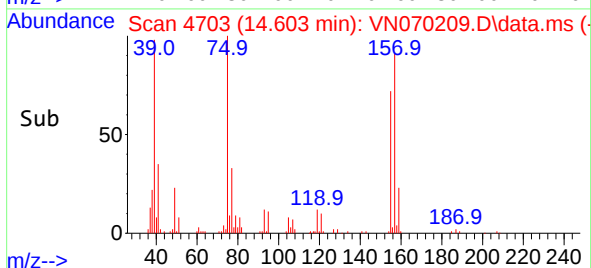
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.47 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



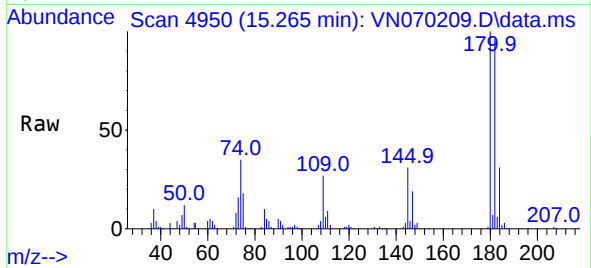
Tgt Ion: 75 Resp: 59918
Ion Ratio Lower Upper
75 100
155 72.2 46.9 140.7
157 94.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 21.35 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

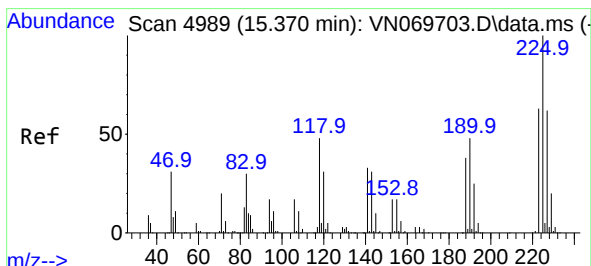
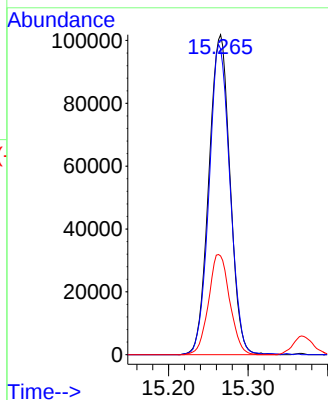
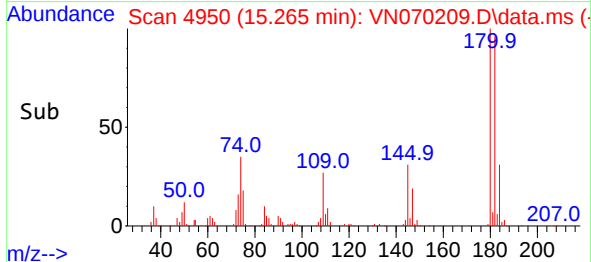
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBS01



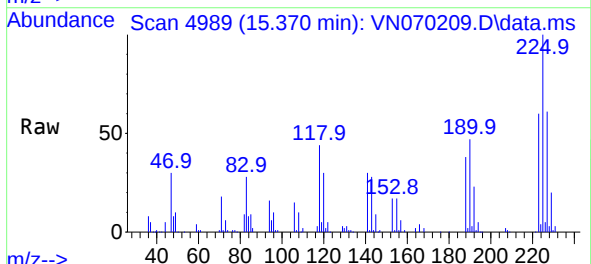
Tgt Ion:180 Resp: 187634
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 31.4 14.5 43.5

Manual Integrations
APPROVED

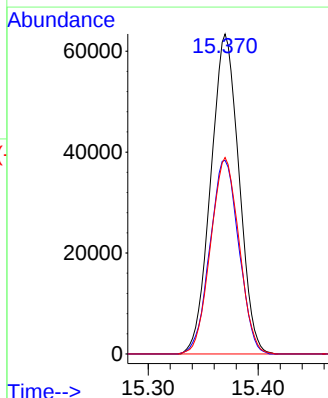
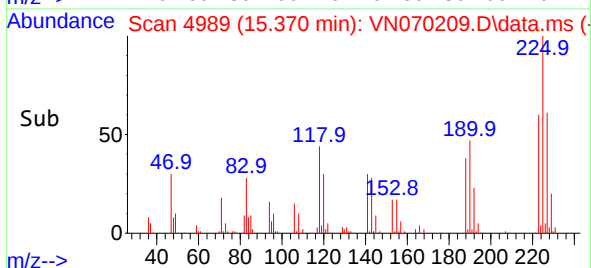
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

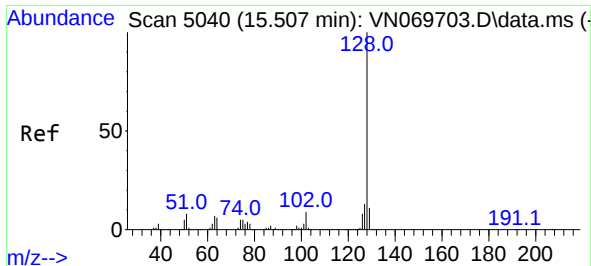


#94
Hexachlorobutadiene
Concen: 21.83 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



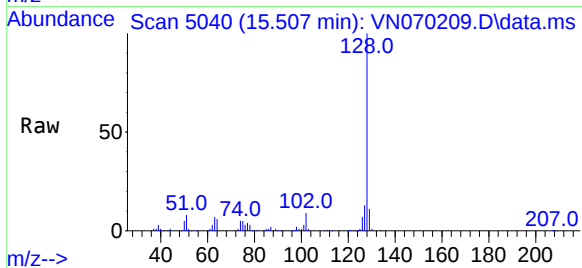
Tgt Ion:225 Resp: 112921
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.7
227 62.2 32.1 96.3





#95
Naphthalene
Concen: 21.77 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28

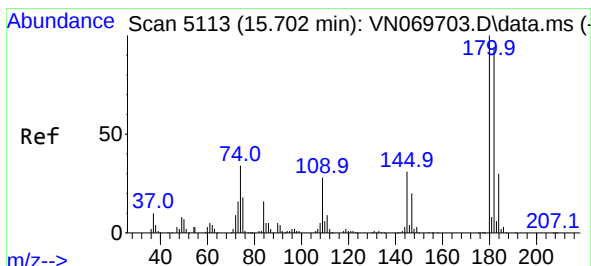
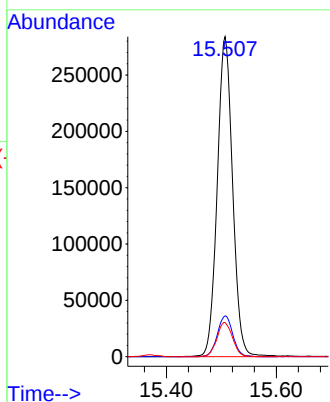
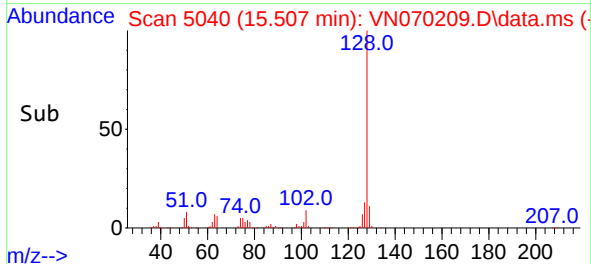
Instrument :
MSVOA_N
ClientSampleId :
VN1218MBSD01



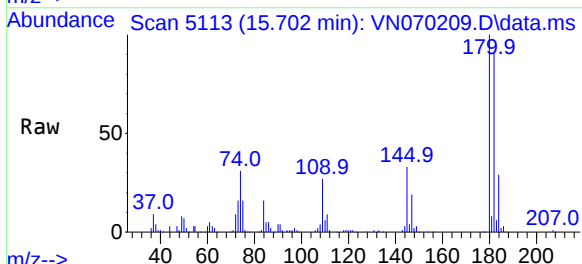
Tgt Ion:128 Resp: 551089
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 22.20 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070209.D
Acq: 18 Dec 2021 13:28



Tgt Ion:180 Resp: 193826
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 33.1 15.0 45.1

