

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069881.D
 Acq On : 9 Dec 2021 00:32
 Operator : JC/MD
 Sample : VN1208WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:52:15 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	1103962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1827238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1670883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	646027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	898395	52.707	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.420%	
35) Dibromofluoromethane	8.021	113	607642	53.090	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.180%	
50) Toluene-d8	10.440	98	2399945	52.221	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.731	95	814538	48.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	240534	18.681	ug/l	100
3) Chloromethane	2.306	50	285942	17.726	ug/l	97
4) Vinyl Chloride	2.448	62	272352	18.362	ug/l	97
5) Bromomethane	2.861	94	152062	18.870	ug/l	98
6) Chloroethane	3.022	64	163845	18.026	ug/l	97
7) Trichlorofluoromethane	3.381	101	351114	18.036	ug/l	96
8) Diethyl Ether	3.824	74	137331	18.316	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	204033	18.697	ug/l	96
10) Methyl Iodide	4.422	142	265742	17.826	ug/l	99
11) Tert butyl alcohol	5.374	59	226401	70.268	ug/l #	81
12) 1,1-Dichloroethene	4.186	96	190205	18.088	ug/l	90
13) Acrolein	4.041	56	286007	104.238	ug/l	100
14) Allyl chloride	4.840	41	422509	17.831	ug/l	93
15) Acrylonitrile	5.556	53	732893	84.415	ug/l	98
16) Acetone	4.288	43	701405	68.407	ug/l	97
17) Carbon Disulfide	4.532	76	465733	17.143	ug/l	99
18) Methyl Acetate	4.859	43	546125	17.646	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	752156	18.396	ug/l	94
20) Methylene Chloride	5.101	84	245023	17.976	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	207082	18.131	ug/l	87
22) Diisopropyl ether	6.498	45	899666	19.425	ug/l #	95
23) Vinyl Acetate	6.433	43	3600635	95.559	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	461077	19.218	ug/l	98
25) 2-Butanone	7.337	43	1074572	77.133	ug/l	90
26) 2,2-Dichloropropane	7.327	77	312041	16.728	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	249645	18.091	ug/l	85
28) Bromochloromethane	7.656	49	254478	20.398	ug/l #	77
29) Tetrahydrofuran	7.689	42	720034	85.115	ug/l #	86
30) Chloroform	7.817	83	455480	18.798	ug/l	99
31) Cyclohexane	8.094	56	443733	18.706	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	383202	18.567	ug/l	96
36) 1,1-Dichloropropene	8.222	75	323821	18.616	ug/l	96
37) Ethyl Acetate	7.415	43	445951	17.225	ug/l	95
38) Carbon Tetrachloride	8.206	117	318571	18.676	ug/l	99
39) Methylcyclohexane	9.461	83	375721	18.159	ug/l	90
40) Benzene	8.461	78	994833	18.711	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	213947	17.604	ug/l	90
42) 1,2-Dichloroethane	8.528	62	405978	18.915	ug/l	96
43) Isopropyl Acetate	8.560	43	712089	18.586	ug/l #	92
44) Trichloroethene	9.217	130	235897	18.589	ug/l	90
45) 1,2-Dichloropropane	9.488	63	273409	19.149	ug/l	99
46) Dibromomethane	9.577	93	176470	18.846	ug/l	93
47) Bromodichloromethane	9.759	83	338428	19.089	ug/l	98
48) Methyl methacrylate	9.558	41	318158	17.794	ug/l	89
49) 1,4-Dioxane	9.569	88	86526	269.706	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2234066	89.886	ug/l	94
52) Toluene	10.505	92	607408	18.712	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	340845	17.883	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	382825	18.419	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	243841	18.618	ug/l	98
56) Ethyl methacrylate	10.762	69	396726	17.601	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	435382	18.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	421820	76.948	ug/l	90
59) 2-Hexanone	11.084	43	1529391	81.343	ug/l	92
60) Dibromochloromethane	11.237	129	230710	18.035	ug/l	100
61) 1,2-Dibromoethane	11.344	107	249276	18.376	ug/l	100
64) Tetrachloroethene	10.977	164	214954	18.973	ug/l	96
65) Chlorobenzene	11.771	112	633917	18.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	227730	19.088	ug/l	99
67) Ethyl Benzene	11.843	91	1174328	19.072	ug/l	96
68) m/p-Xylenes	11.953	106	842791	37.592	ug/l	92
69) o-Xylene	12.280	106	423352	18.747	ug/l	92
70) Styrene	12.294	104	666391	18.610	ug/l	95
71) Bromoform	12.457	173	159676	17.524	ug/l #	99
73) Isopropylbenzene	12.578	105	1104409	19.214	ug/l	99
74) N-amyl acetate	12.387	43	443635	17.453	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	373551	18.794	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	364619m	19.681	ug/l	
77) Bromobenzene	12.859	156	255617	18.933	ug/l	79
78) n-propylbenzene	12.921	91	1223638	19.131	ug/l	96
79) 2-Chlorotoluene	13.007	91	771649	19.093	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	899749	19.448	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	80347	17.102	ug/l	85
82) 4-Chlorotoluene	13.106	91	719813	18.939	ug/l	93
83) tert-Butylbenzene	13.323	119	771868	18.842	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	865810	19.651	ug/l	98
85) sec-Butylbenzene	13.500	105	1030082	18.538	ug/l	97
86) p-Isopropyltoluene	13.616	119	813023	18.719	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	408361	18.411	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	390573	17.919	ug/l	96
89) n-Butylbenzene	13.943	91	609631	17.303	ug/l	97
90) Hexachloroethane	14.209	117	143328	18.796	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	403343	18.664	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61440	17.107	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	162384	17.316	ug/l	98
94) Hexachlorobutadiene	15.370	225	106274	18.556	ug/l	99
95) Naphthalene	15.507	128	416505	16.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	159902	17.161	ug/l	97

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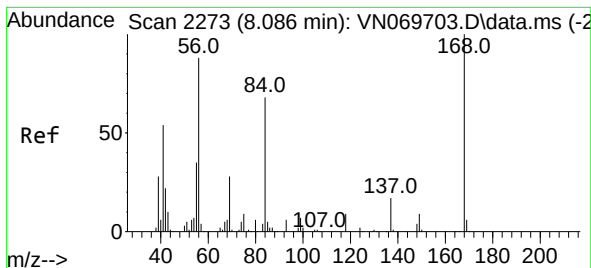
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069881.D

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Instrument :

MSVOA_N

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VN1208WBSD02

Tgt Ion:168 Resp: 110396

Ion Ratio Lower Upper

168 100

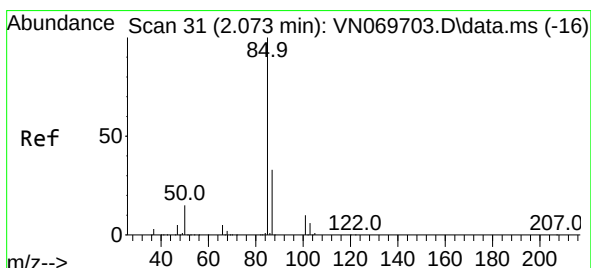
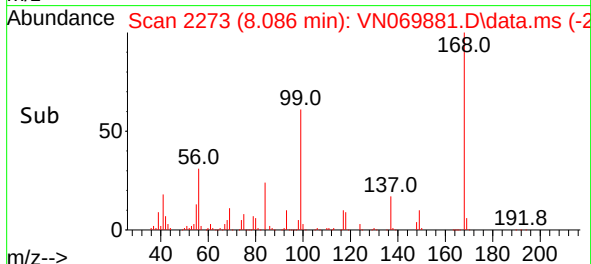
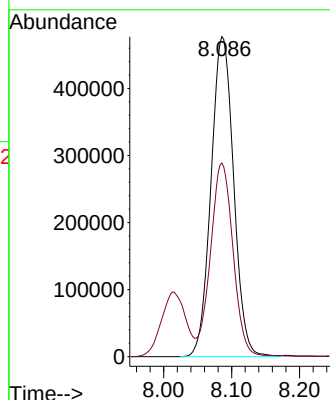
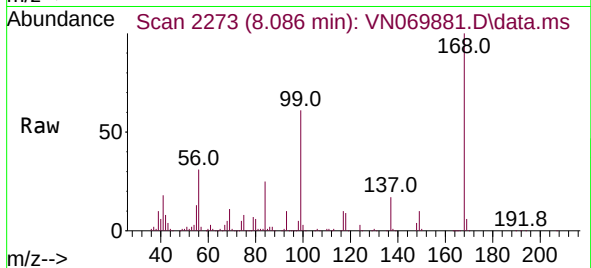
99 60.2 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.681 ug/l

RT: 2.075 min Scan# 32

Delta R.T. 0.003 min

Lab File: VN069881.D

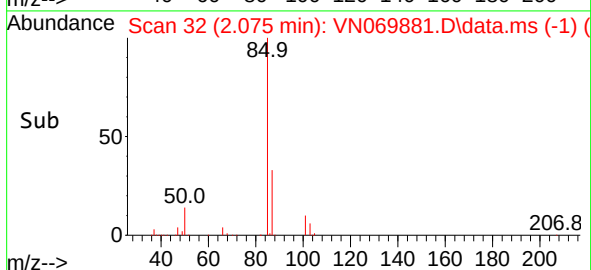
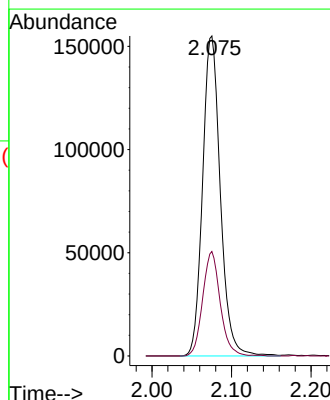
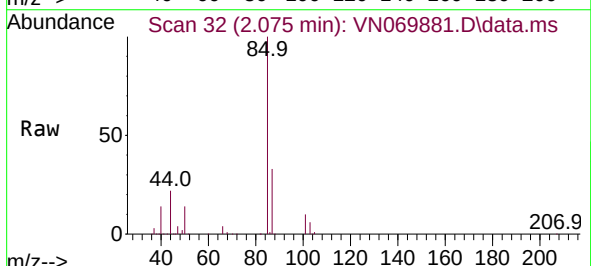
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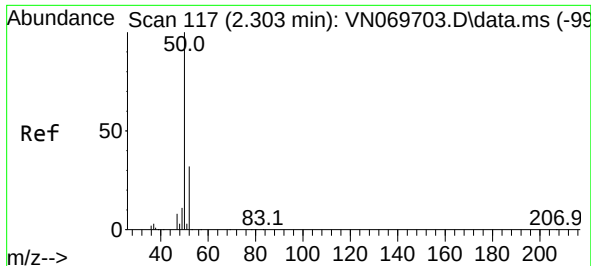
Tgt Ion: 85 Resp: 240534

Ion Ratio Lower Upper

85 100

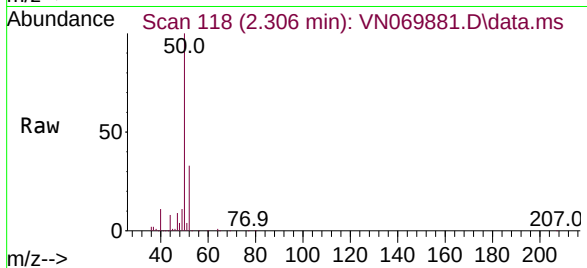
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 17.726 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

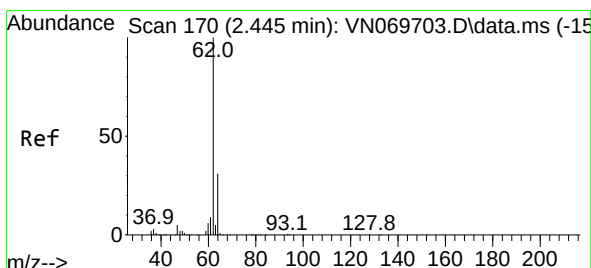
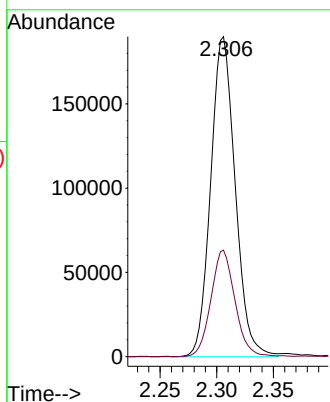
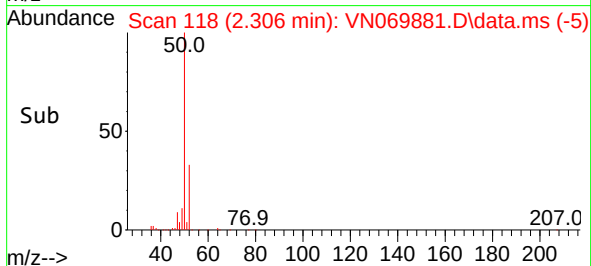
Instrument :
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VN1208WBSD02



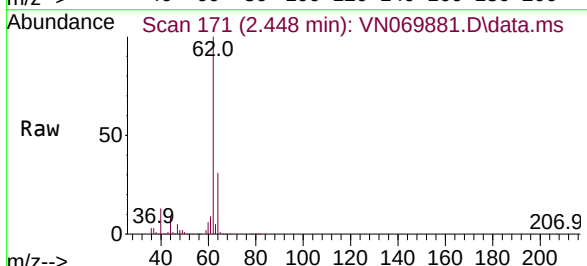
Tgt Ion: 50 Resp: 28594
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

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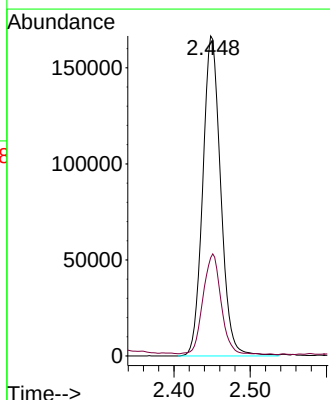
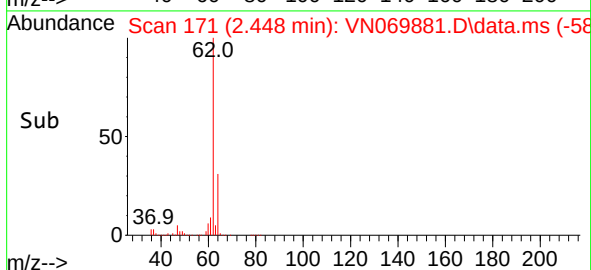
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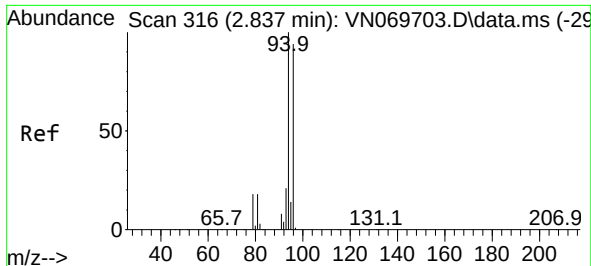


#4
Vinyl Chloride
Concen: 18.362 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



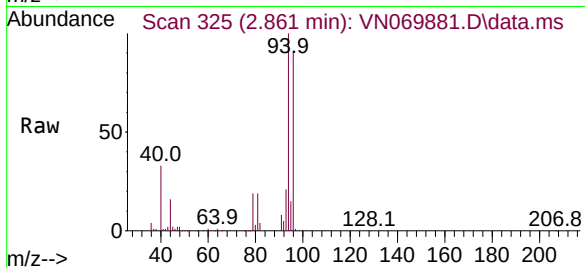
Tgt Ion: 62 Resp: 272352
Ion Ratio Lower Upper
62 100
64 30.3 25.8 38.6





#5
Bromomethane
Concen: 18.870 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

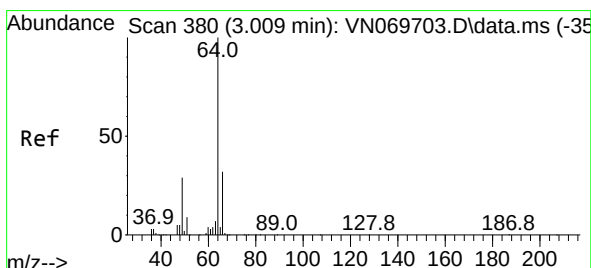
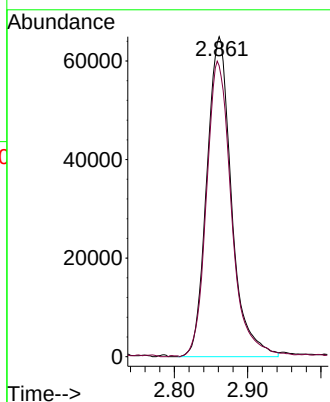
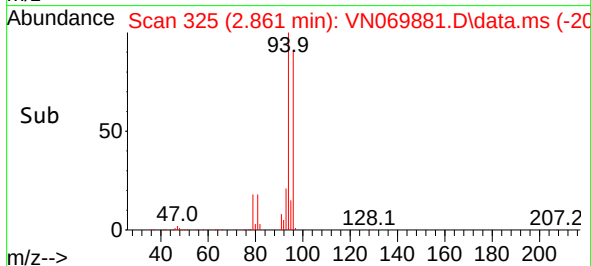
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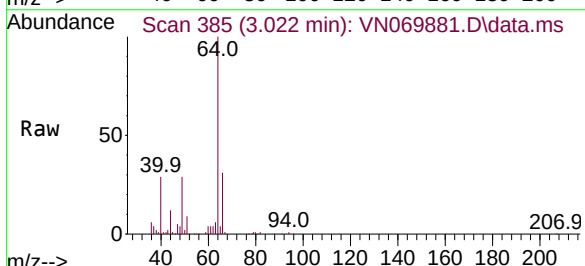
Tgt Ion: 94 Resp: 152062
Ion Ratio Lower Upper
94 100
96 90.7 73.8 110.8

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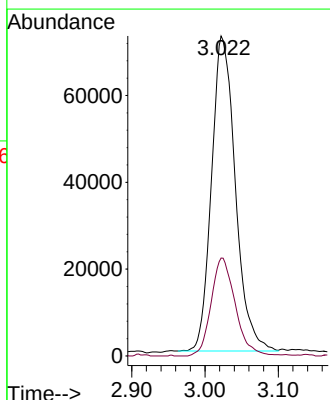
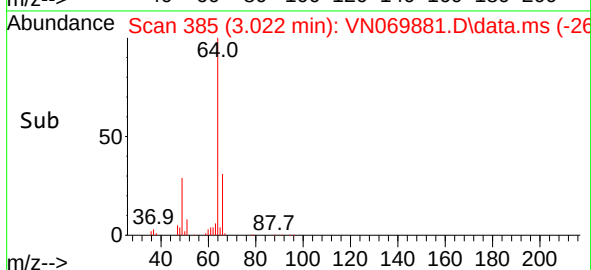
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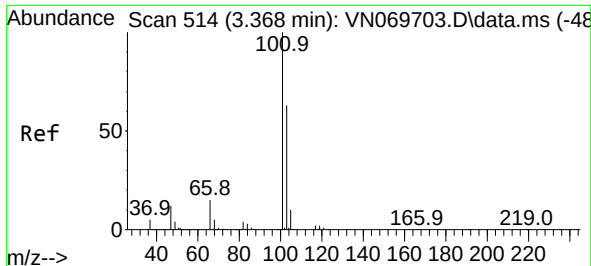


#6
Chloroethane
Concen: 18.026 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion: 64 Resp: 163845
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





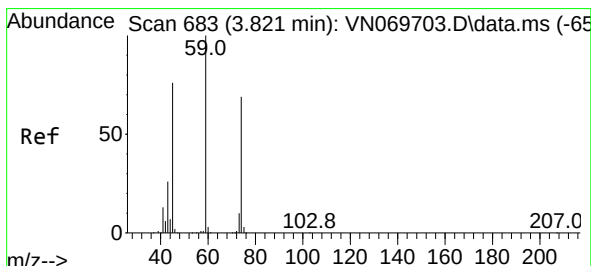
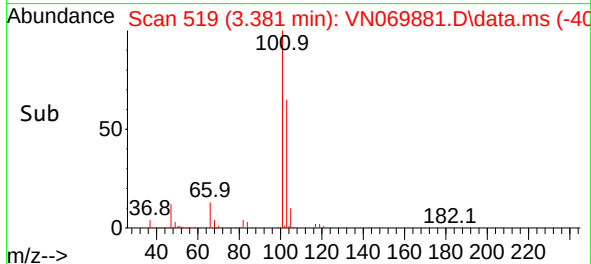
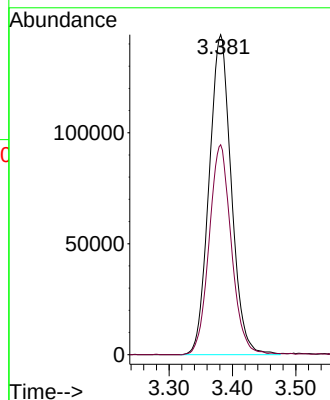
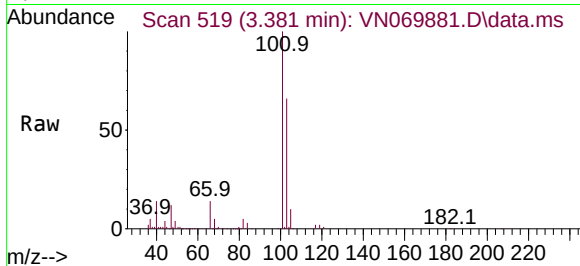
#7
 Trichlorofluoromethane
 Concen: 18.036 ug/l
 RT: 3.381 min Scan# 514
 Delta R.T. 0.013 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32

Instrument :
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Tgt Ion:101 Resp: 351114
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.1 75.1

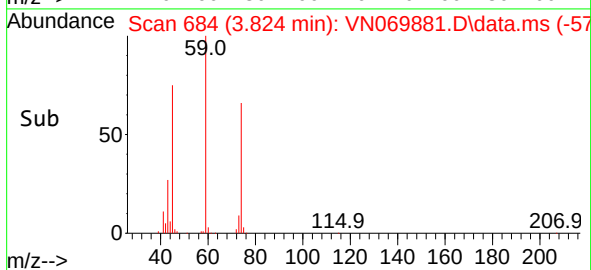
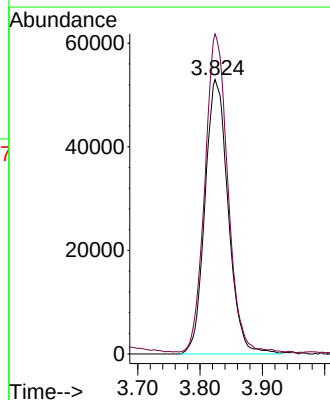
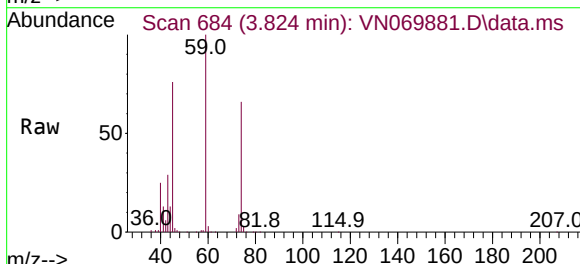
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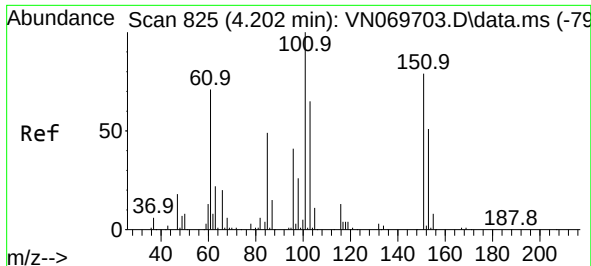
Reviewed By :John Carlone 12/10/2021
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#8
 Diethyl Ether
 Concen: 18.316 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069881.D
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Tgt Ion: 74 Resp: 137331
 Ion Ratio Lower Upper
 74 100
 45 113.1 47.0 141.2





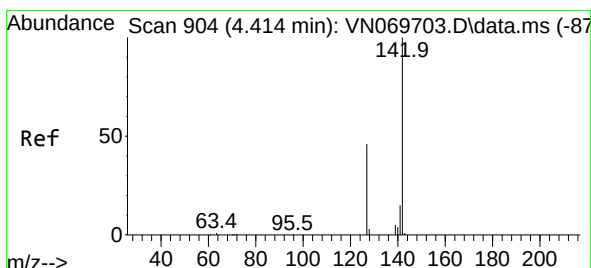
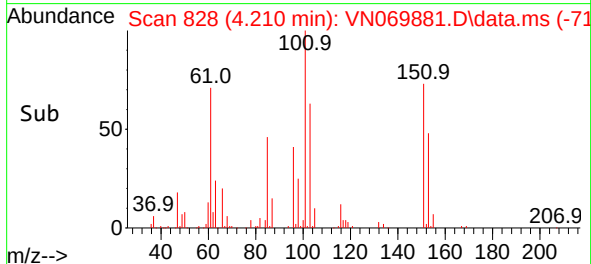
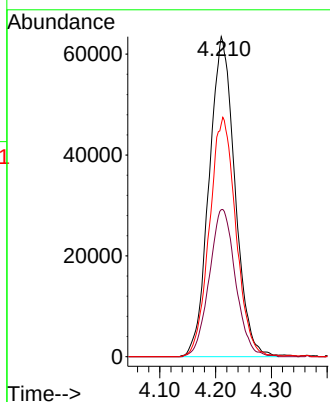
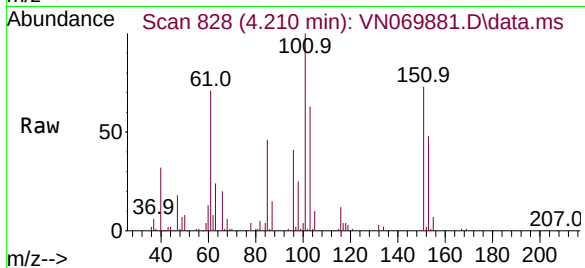
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.697 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:101 Resp: 20403
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 76.6 65.9 98.9

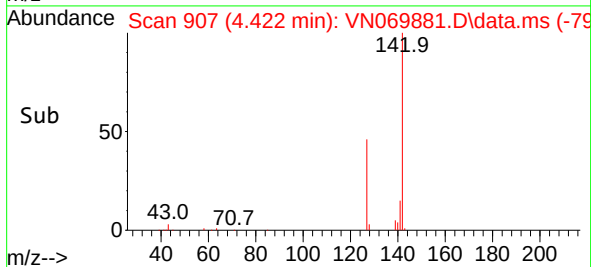
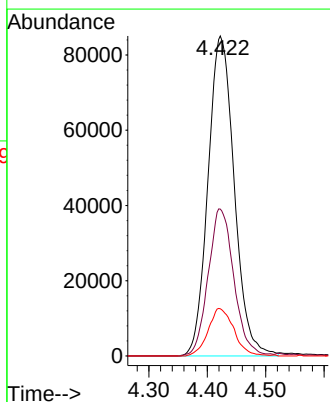
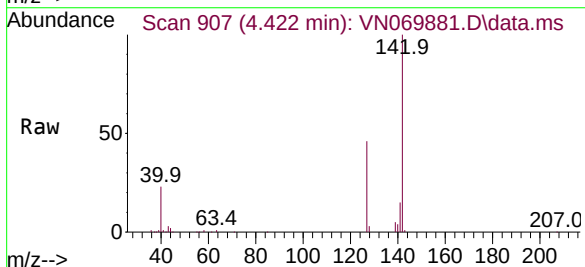
Manual Integrations
APPROVED

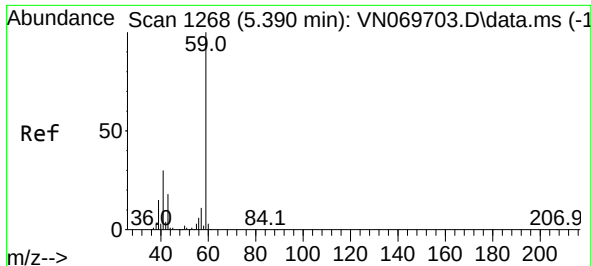
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 17.826 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

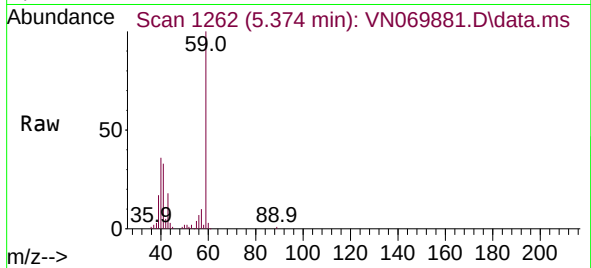
Tgt Ion:142 Resp: 265742
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 70.268 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

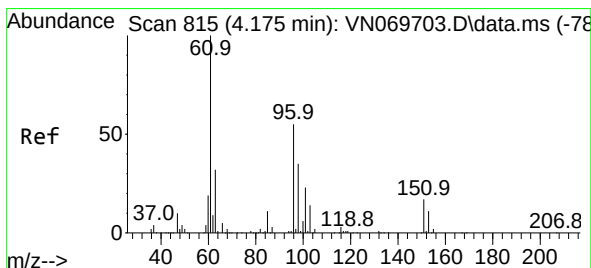
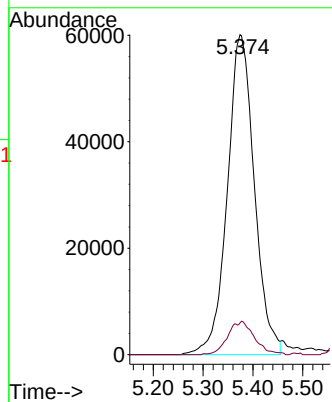
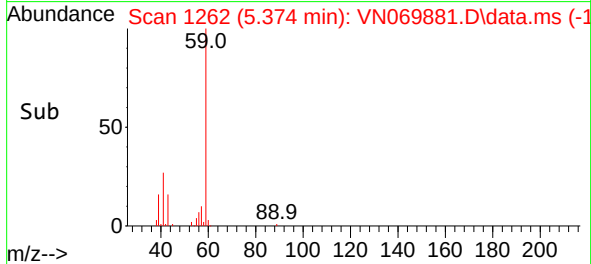
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



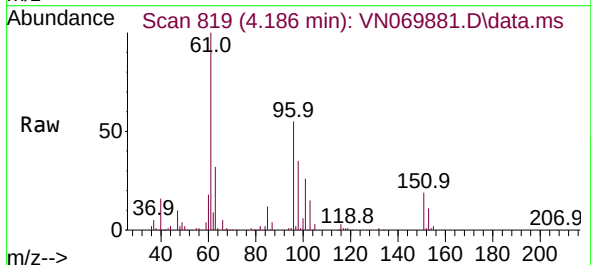
Tgt Ion: 59 Resp: 22640
Ion Ratio Lower Upper
59 100
57 3.8 8.7 13.1

Manual Integrations
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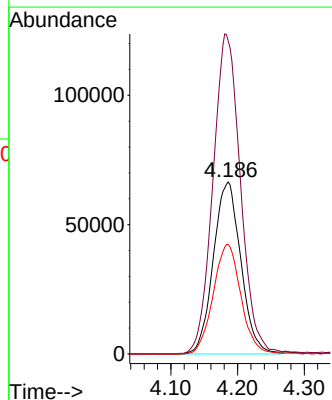
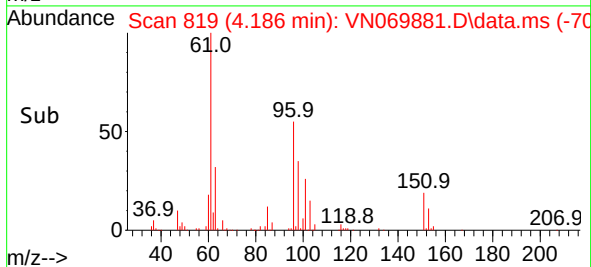
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

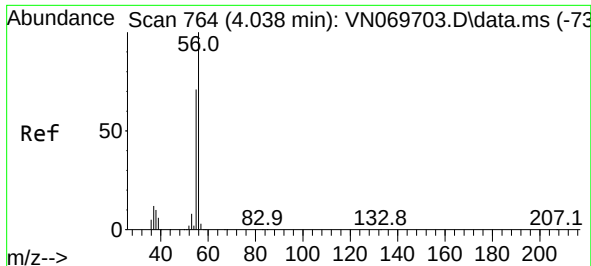


#12
1,1-Dichloroethene
Concen: 18.088 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.011 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



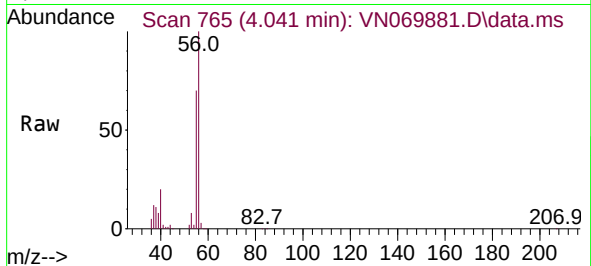
Tgt Ion: 96 Resp: 190205
Ion Ratio Lower Upper
96 100
61 181.6 131.0 196.6
98 63.6 52.4 78.6





#13
Acrolein
Concen: 104.238 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

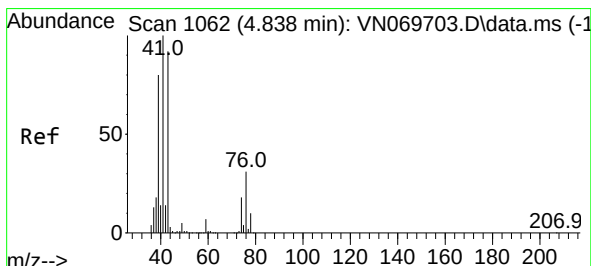
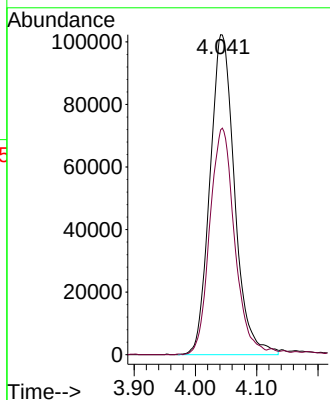
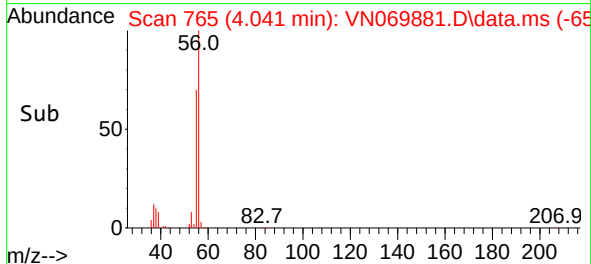
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



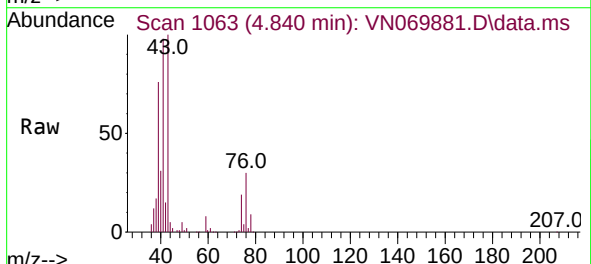
Tgt Ion: 56 Resp: 28600
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

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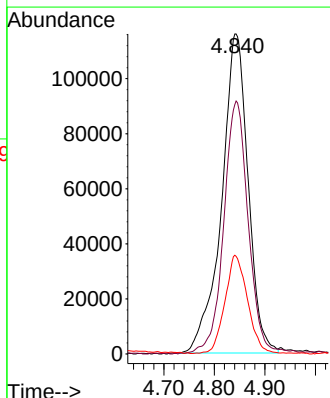
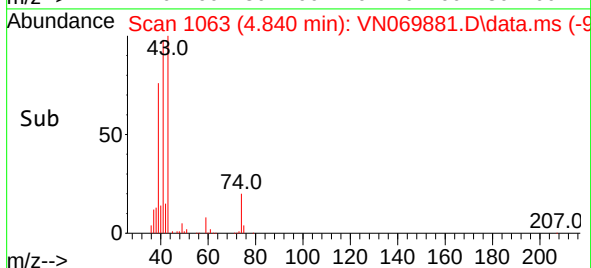
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

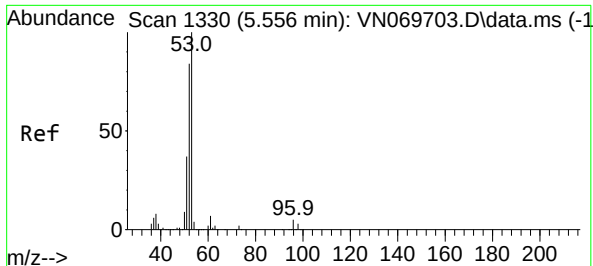


#14
Allyl chloride
Concen: 17.831 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



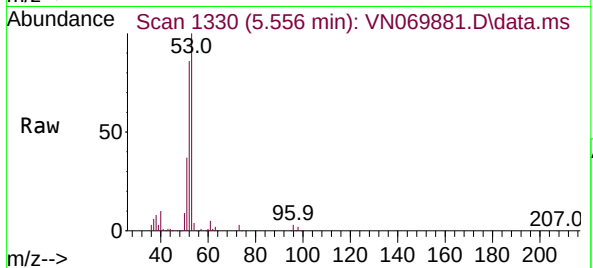
Tgt Ion: 41 Resp: 422509
Ion Ratio Lower Upper
41 100
39 72.6 61.2 91.8
76 26.1 26.0 39.0





#15
Acrylonitrile
Concen: 84.415 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

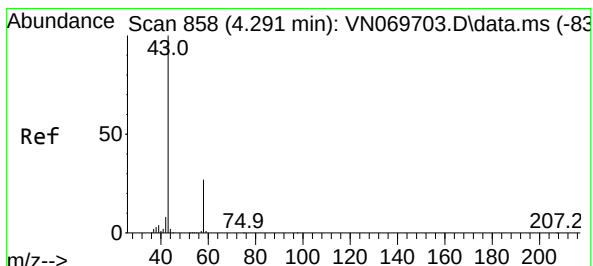
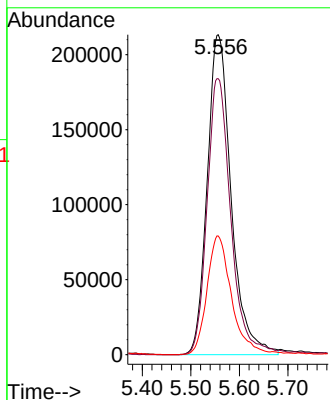
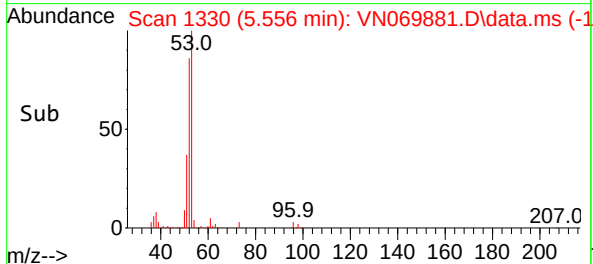
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



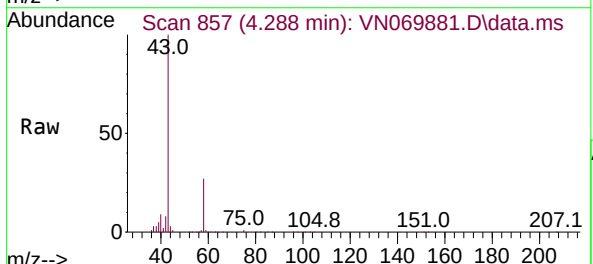
Tgt Ion: 53 Resp: 73289
Ion Ratio Lower Upper
53 100
52 85.1 66.2 99.2
51 37.9 29.6 44.4

Manual Integrations
APPROVED

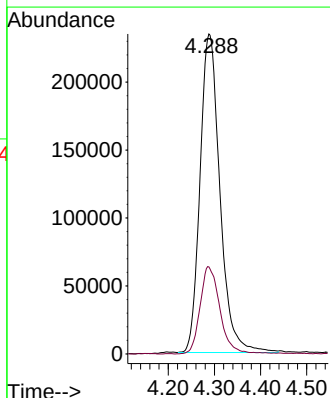
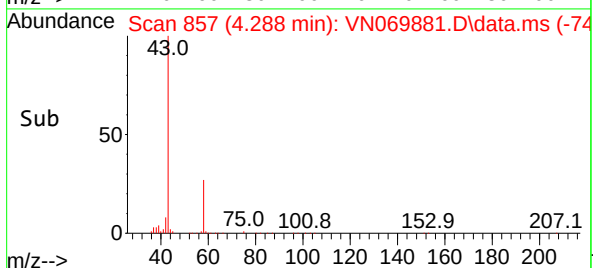
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

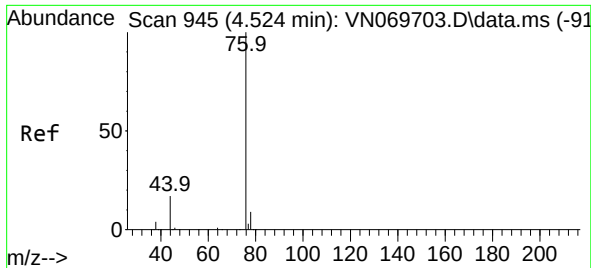


#16
Acetone
Concen: 68.407 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



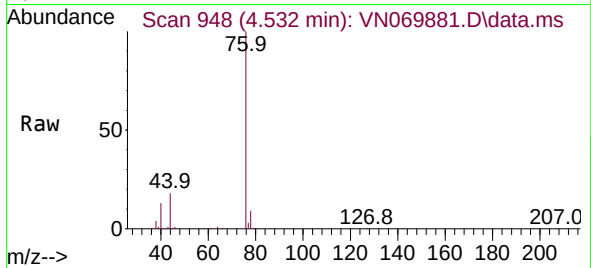
Tgt Ion: 43 Resp: 701405
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 17.143 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

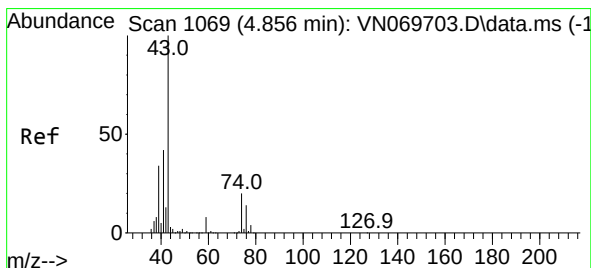
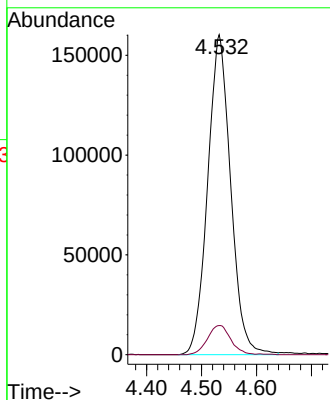
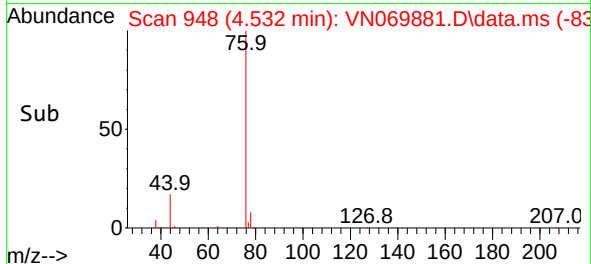
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



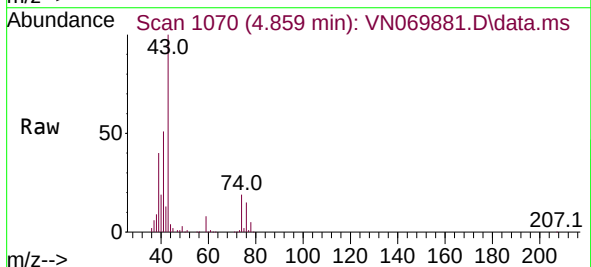
Tgt Ion: 76 Resp: 46573
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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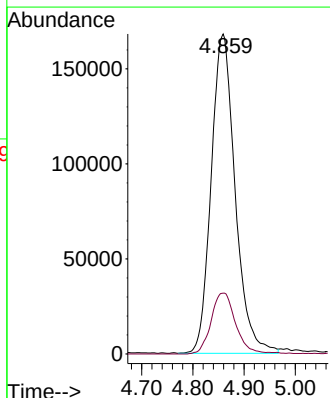
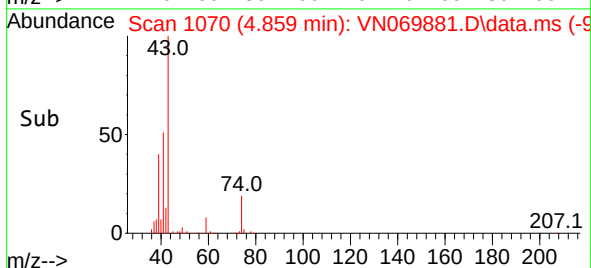
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

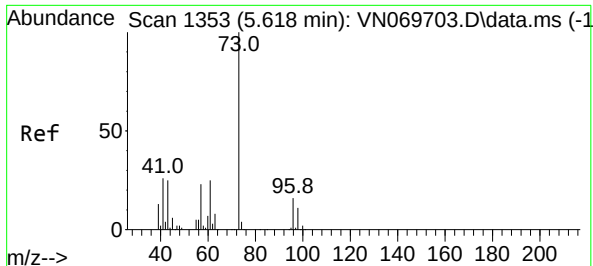


#18
Methyl Acetate
Concen: 17.646 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



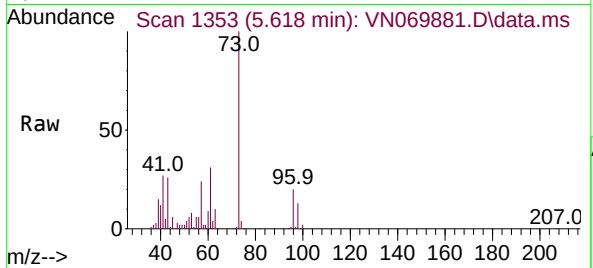
Tgt Ion: 43 Resp: 546125
Ion Ratio Lower Upper
43 100
74 19.4 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 18.396 ug/l
RT: 5.618 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

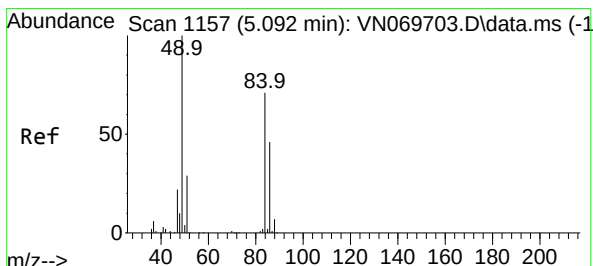
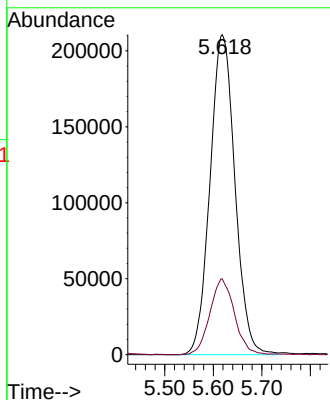
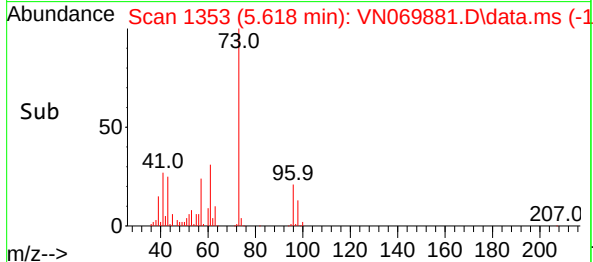
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 73 Resp: 752150
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2

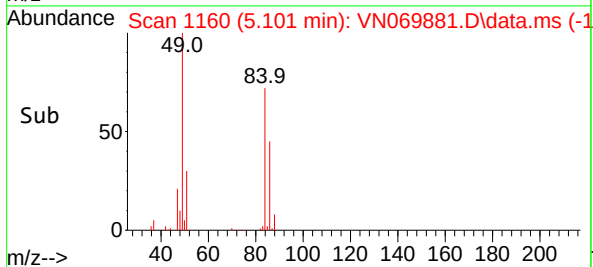
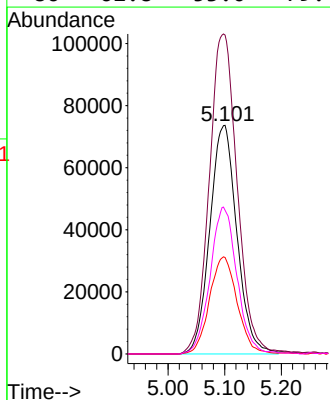
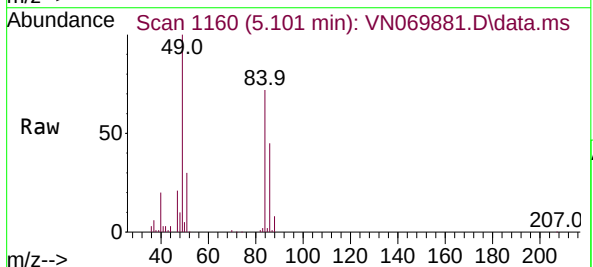
Manual Integrations
APPROVED

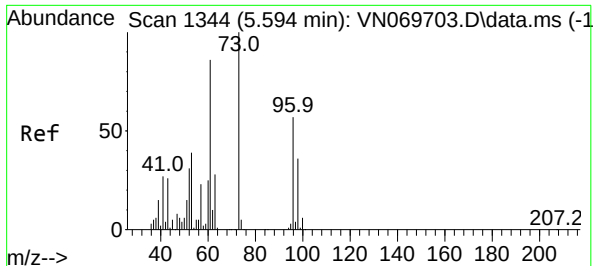
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 17.976 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

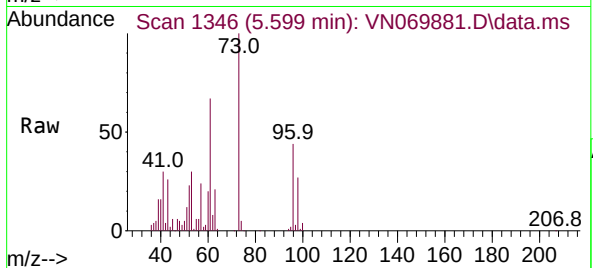
Tgt Ion: 84 Resp: 245023
Ion Ratio Lower Upper
84 100
49 139.5 93.5 140.3
51 42.2 29.4 44.2
86 62.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.131 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

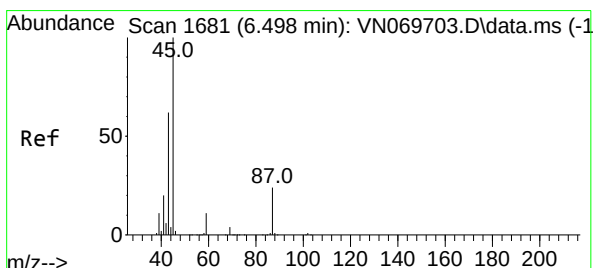
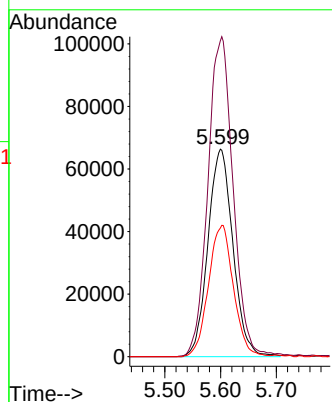
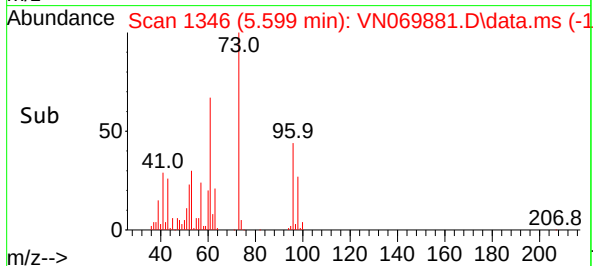
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 96 Resp: 207082
Ion Ratio Lower Upper
96 100
61 152.0 105.8 158.6
98 62.0 52.0 78.0

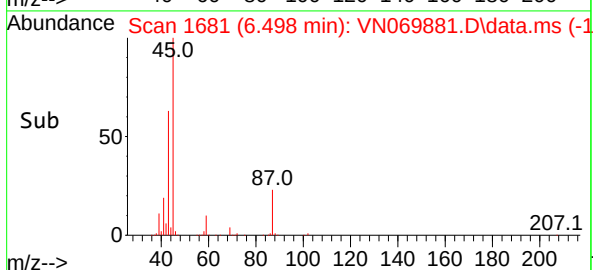
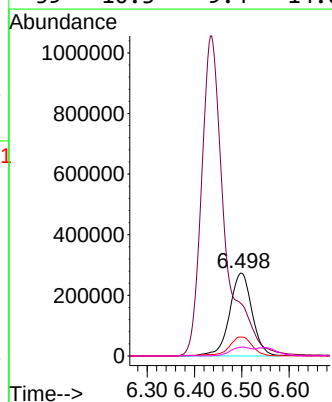
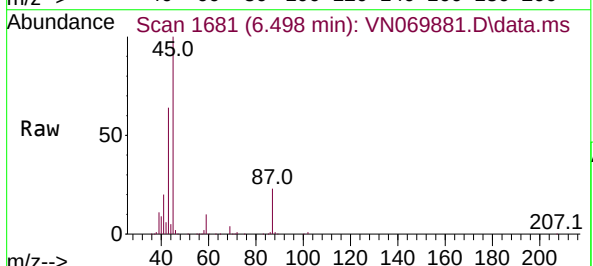
Manual Integrations
APPROVED

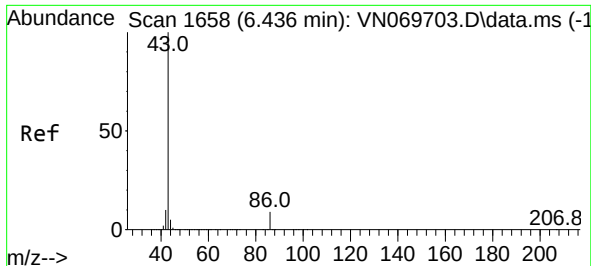
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 19.425 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

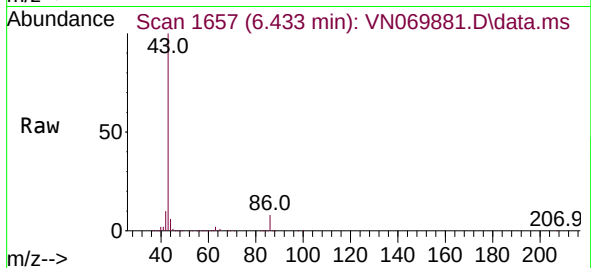
Tgt Ion: 45 Resp: 899666
Ion Ratio Lower Upper
45 100
43 62.9 51.7 77.5
87 22.6 23.2 34.8#
59 10.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 95.559 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32

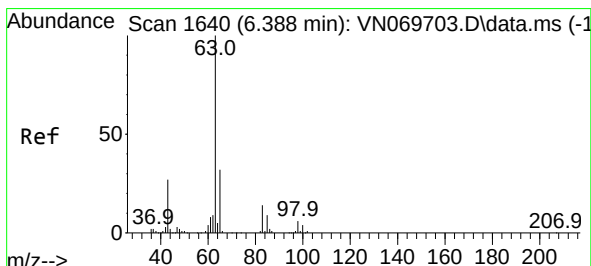
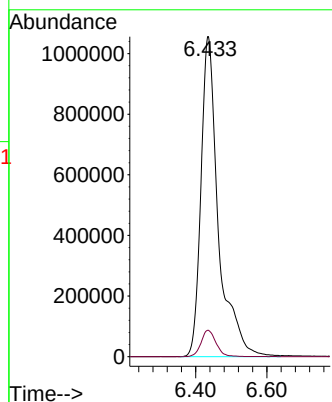
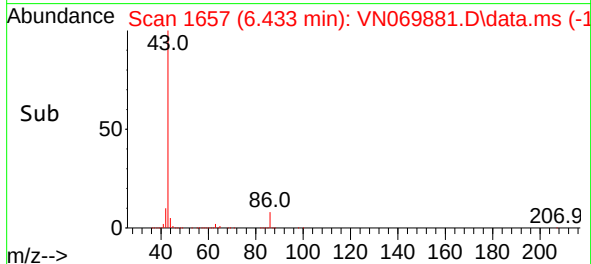
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02



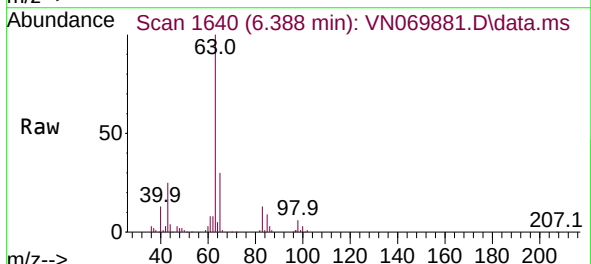
Tgt Ion: 43 Resp: 360063
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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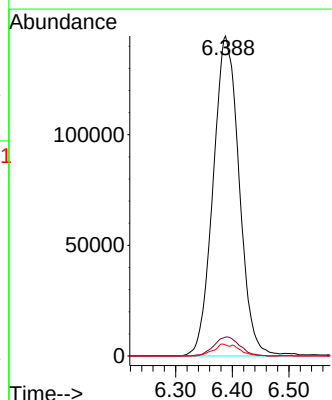
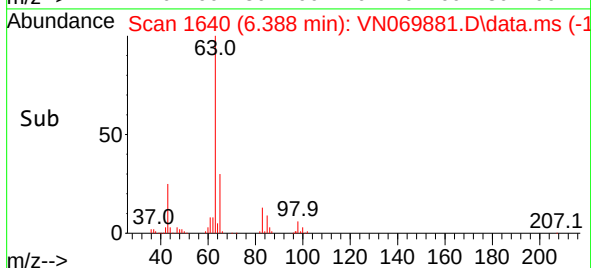
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

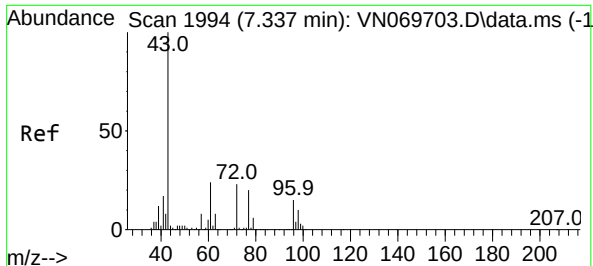


#24
 1,1-Dichloroethane
 Concen: 19.218 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32



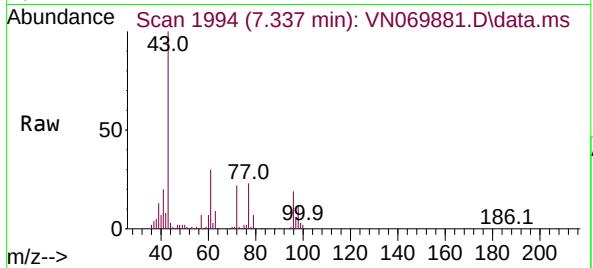
Tgt Ion: 63 Resp: 461077
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 77.133 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

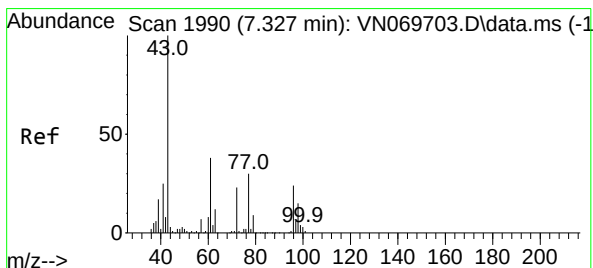
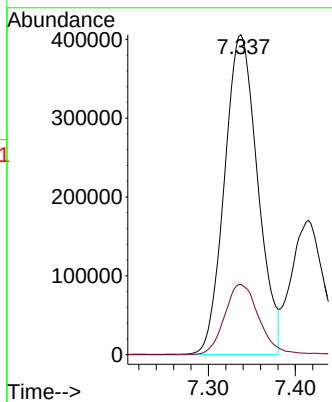
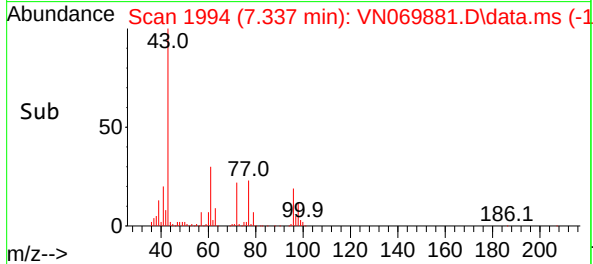
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 43 Resp: 107457
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5

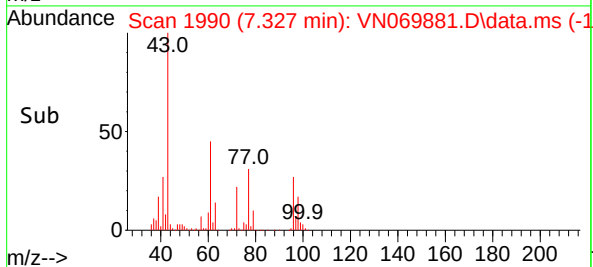
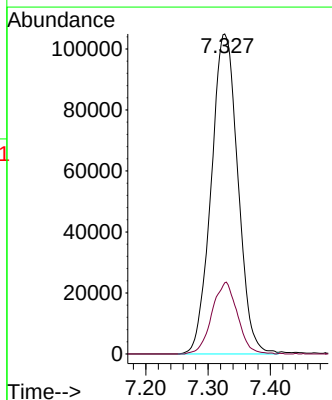
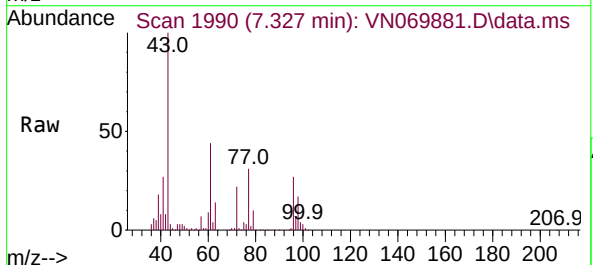
Manual Integrations
APPROVED

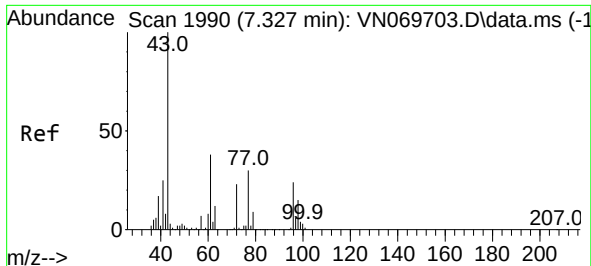
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 16.728 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

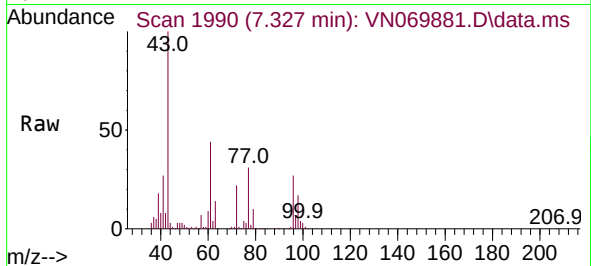
Tgt Ion: 77 Resp: 312041
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.091 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32

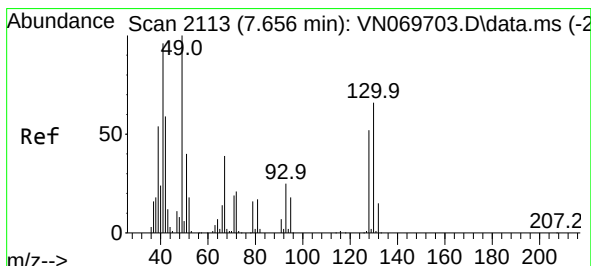
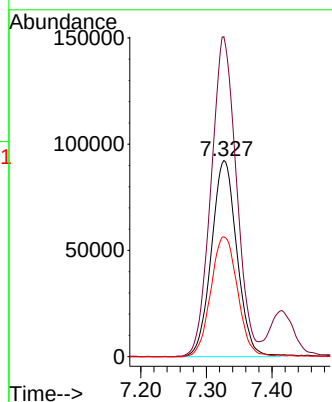
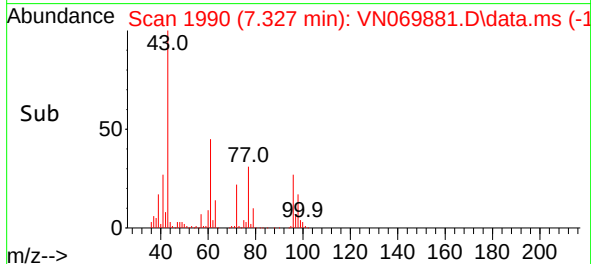
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02



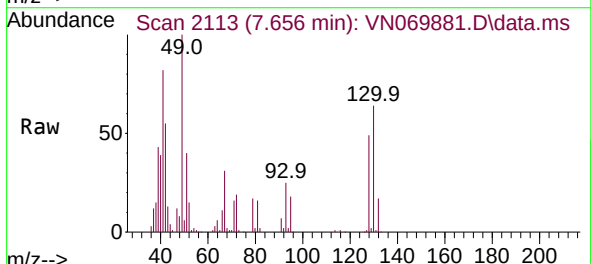
Tgt Ion: 96 Resp: 249649
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 275.0
 98 63.9 0.0 129.6

Manual Integrations
 APPROVED

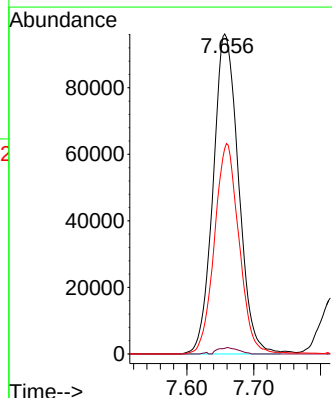
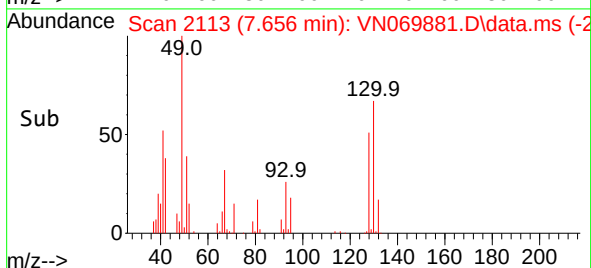
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

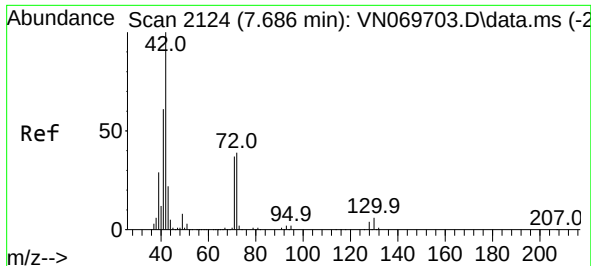


#28
 Bromochloromethane
 Concen: 20.398 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32



Tgt Ion: 49 Resp: 254478
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 63.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 85.115 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 42 Resp: 720034

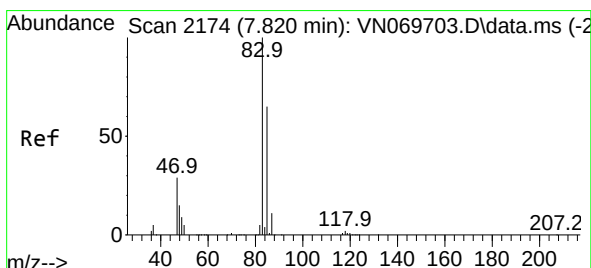
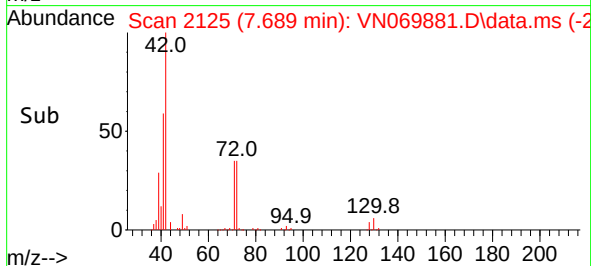
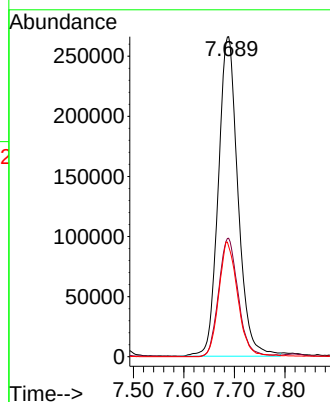
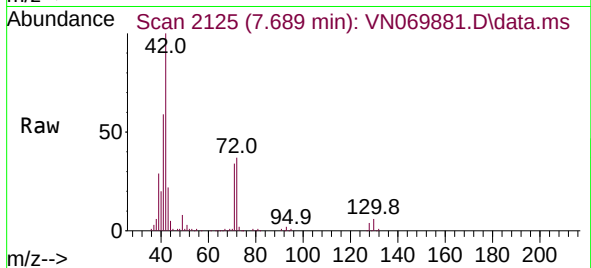
Ion	Ratio	Lower	Upper
42	100		
72	36.5	36.3	54.5
71	34.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 18.798 ug/l

RT: 7.817 min Scan# 2173

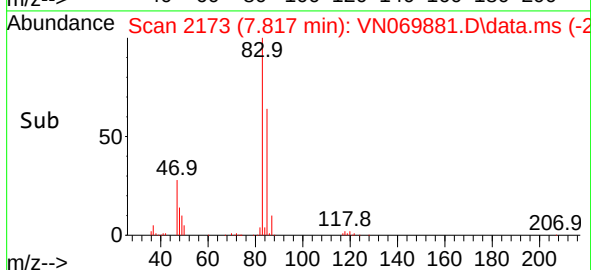
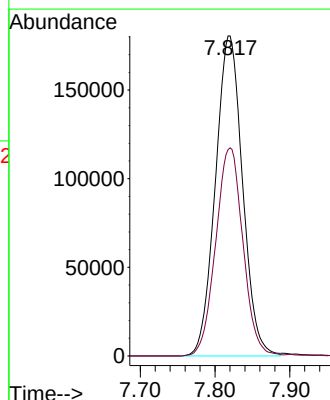
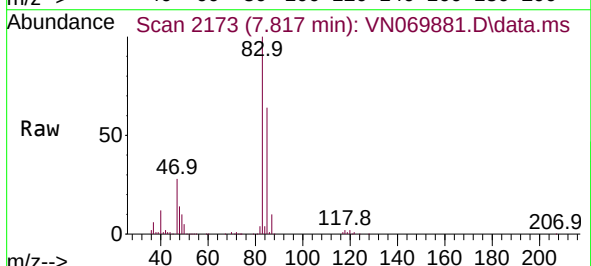
Delta R.T. -0.003 min

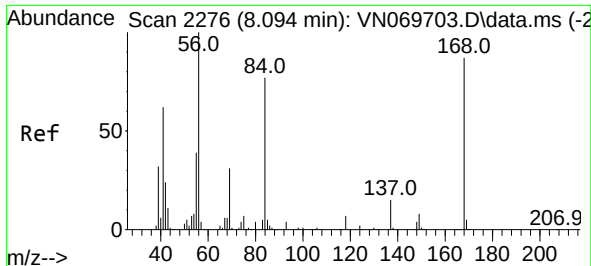
Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Tgt Ion: 83 Resp: 455480

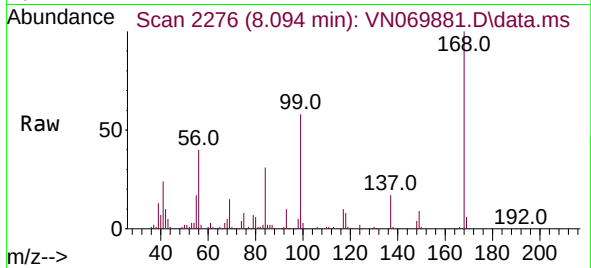
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.9	77.9





#31
Cyclohexane
Concen: 18.706 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

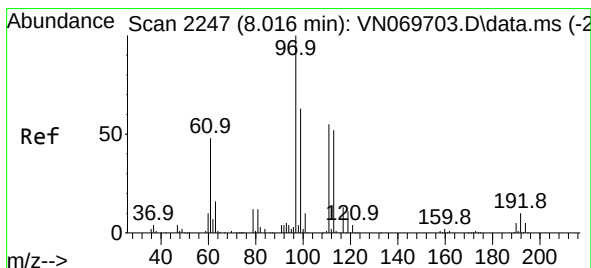
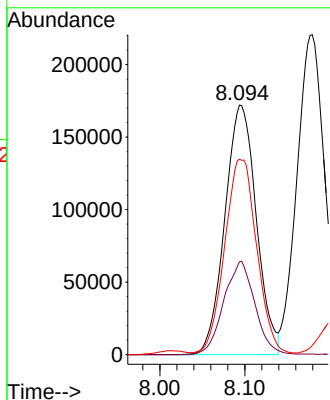
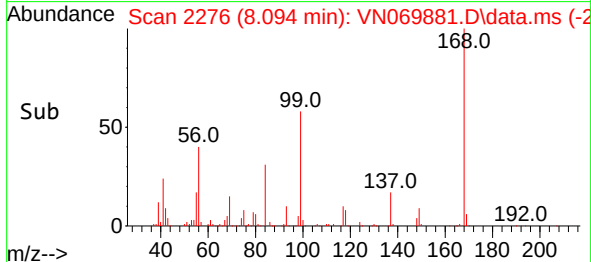
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 56 Resp: 44373
Ion Ratio Lower Upper
56 100
69 37.3 27.1 40.7
84 76.9 73.4 110.0

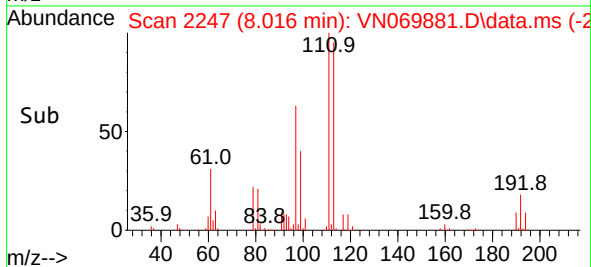
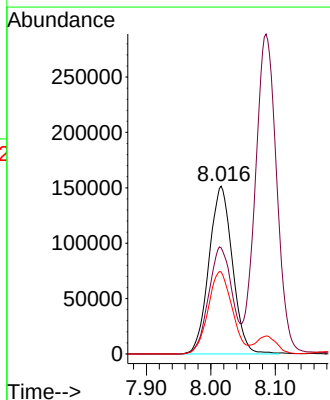
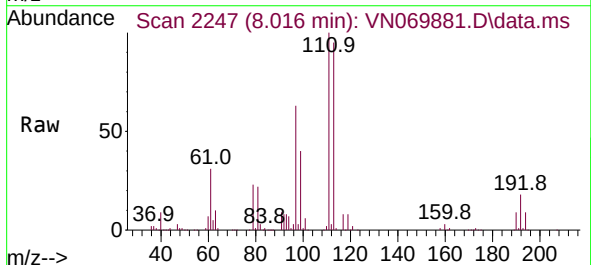
Manual Integrations
APPROVED

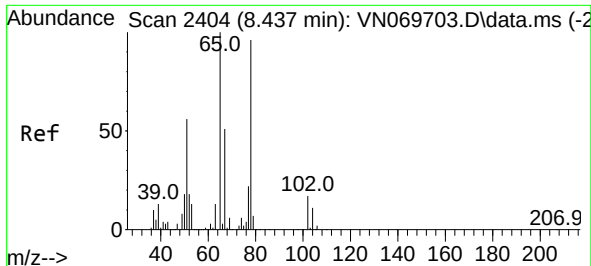
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 18.567 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Tgt Ion: 97 Resp: 383202
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.707 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 65 Resp: 89839

Ion Ratio Lower Upper

65 100

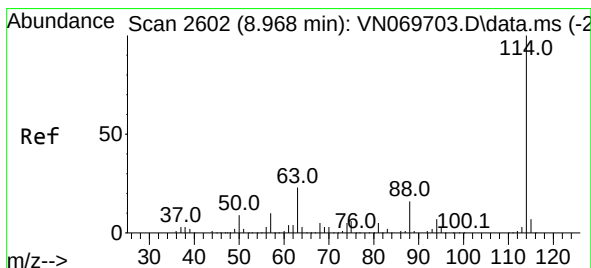
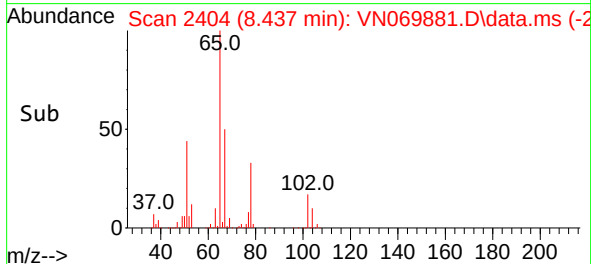
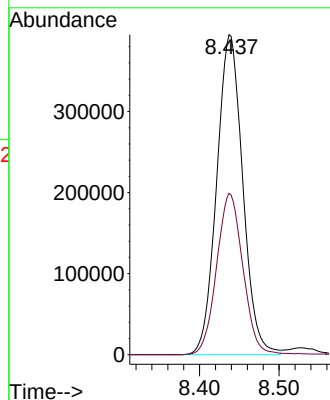
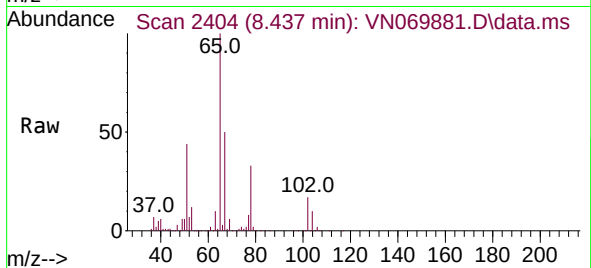
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

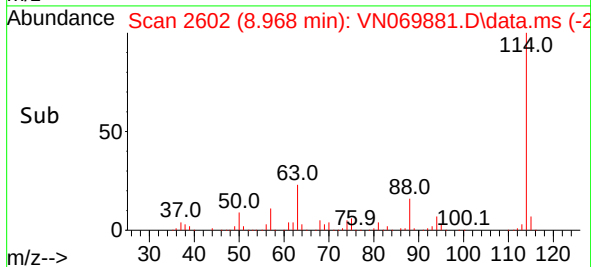
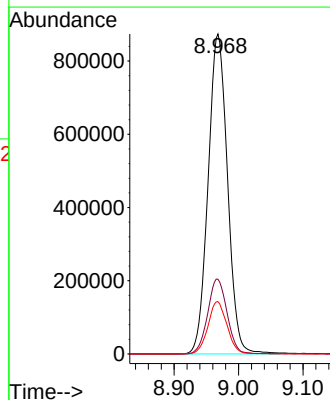
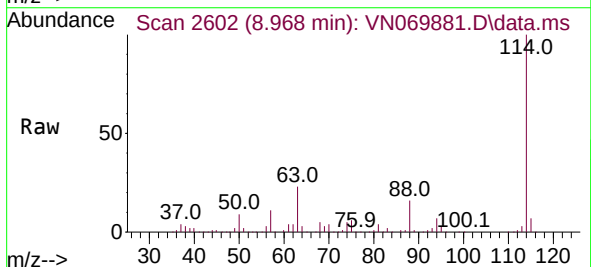
Tgt Ion:114 Resp: 1827238

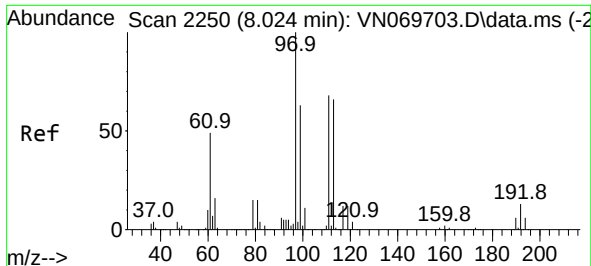
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

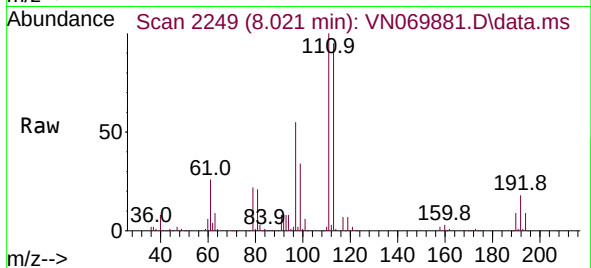
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.090 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

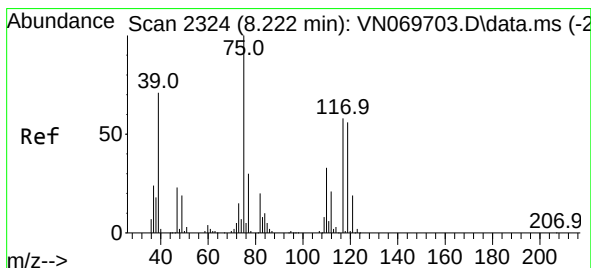
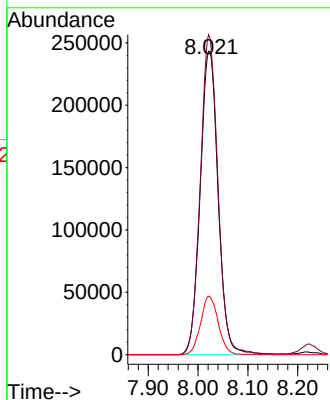
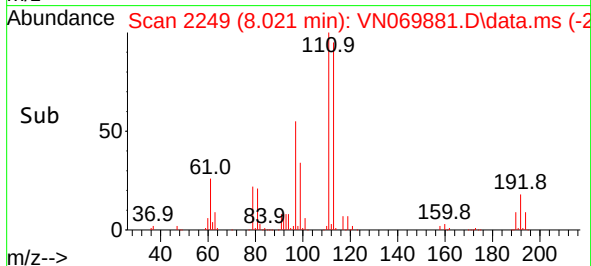
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:113 Resp: 60764
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.0 16.9 25.3

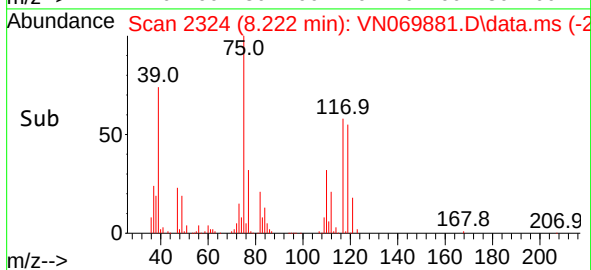
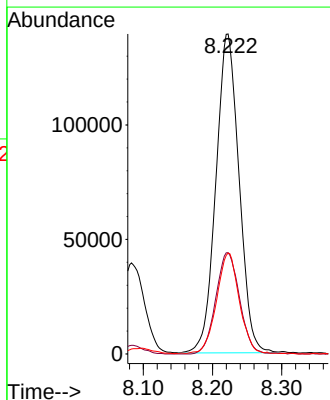
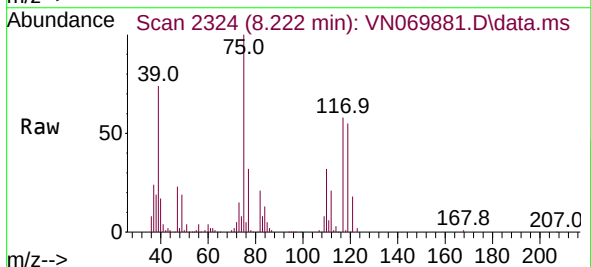
Manual Integrations
APPROVED

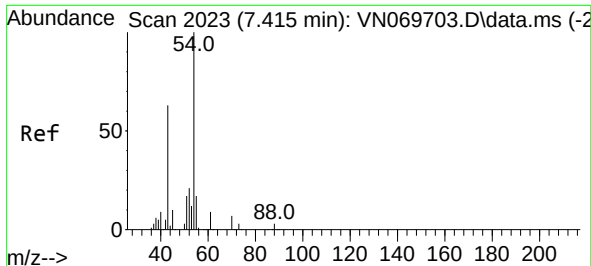
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 18.616 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

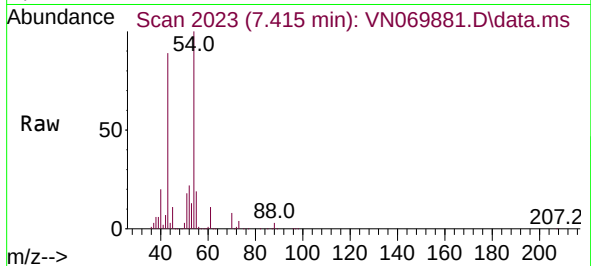
Tgt Ion: 75 Resp: 323821
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 17.225 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

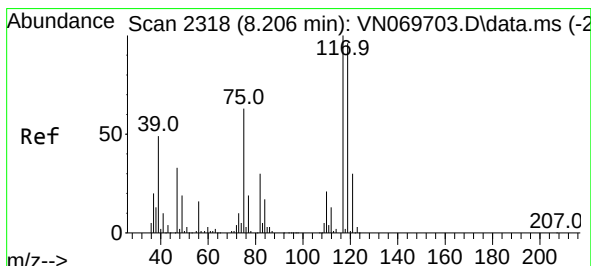
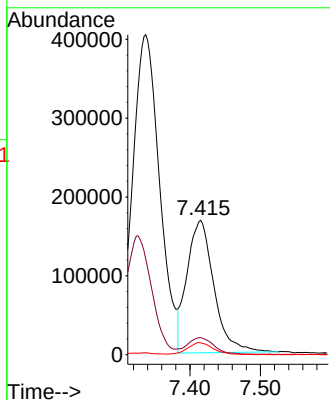
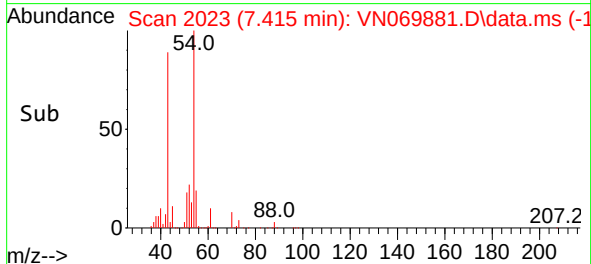
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 43 Resp: 44595
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.7 7.9 11.9

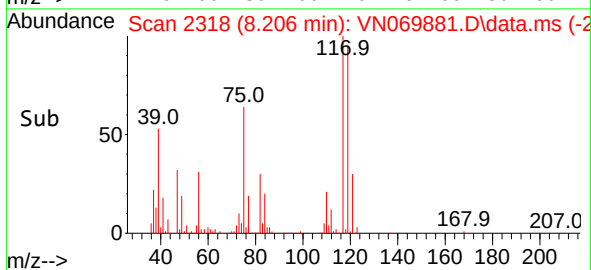
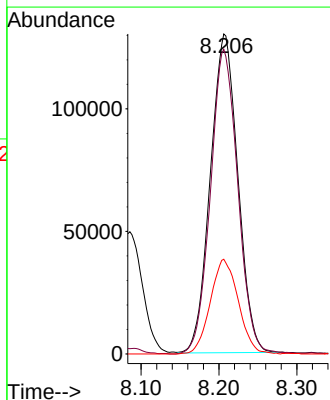
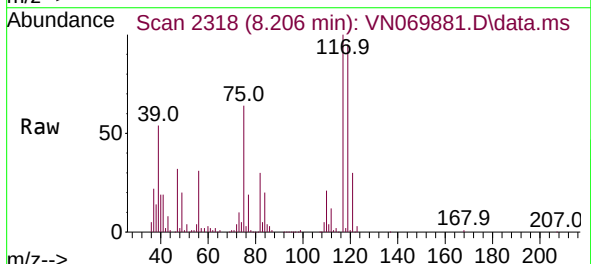
Manual Integrations
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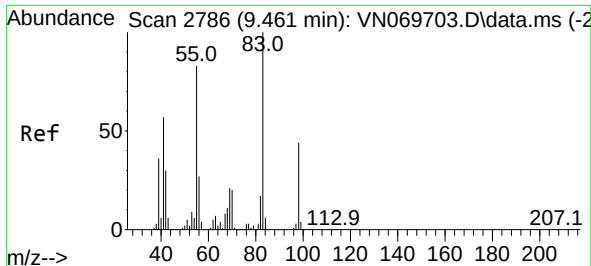
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 18.676 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

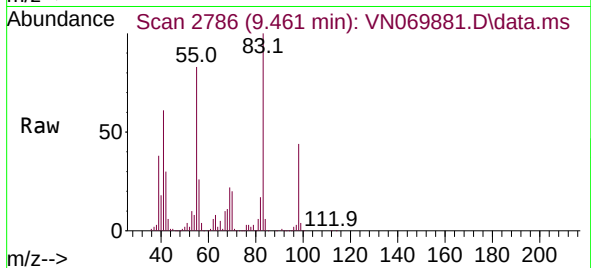
Tgt Ion:117 Resp: 318571
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 29.7 24.2 36.2





#39
Methylcyclohexane
Concen: 18.159 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

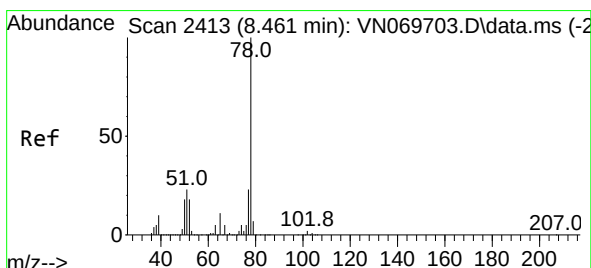
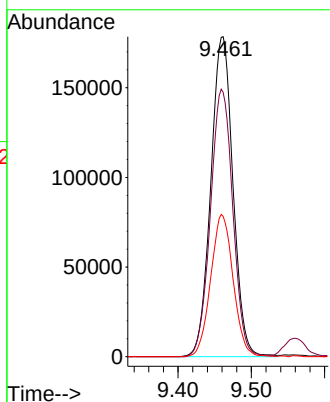
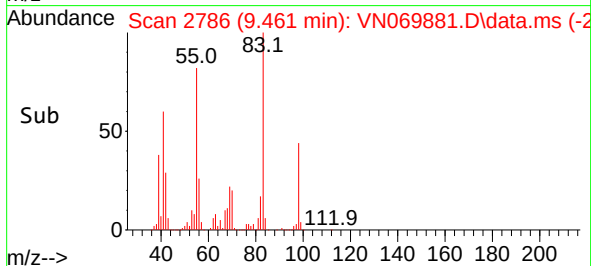
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



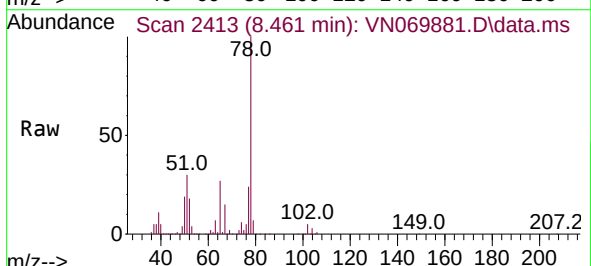
Tgt Ion: 83 Resp: 37572
Ion Ratio Lower Upper
83 100
55 82.6 58.1 87.1
98 43.8 38.4 57.6

Manual Integrations
APPROVED

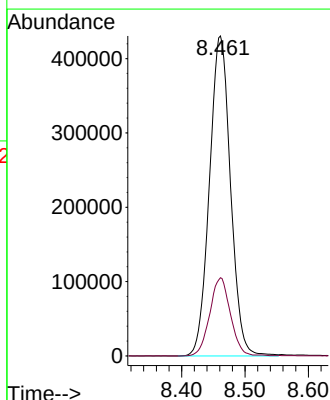
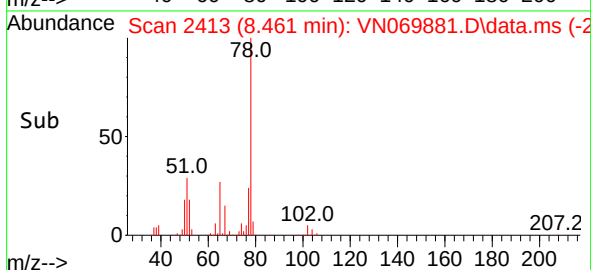
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

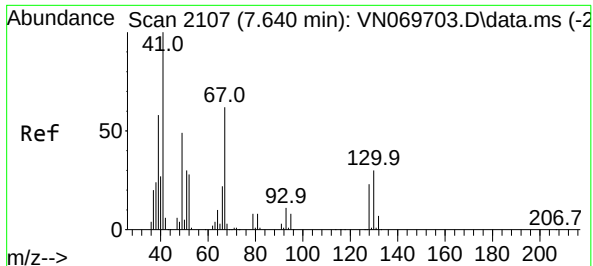


#40
Benzene
Concen: 18.711 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



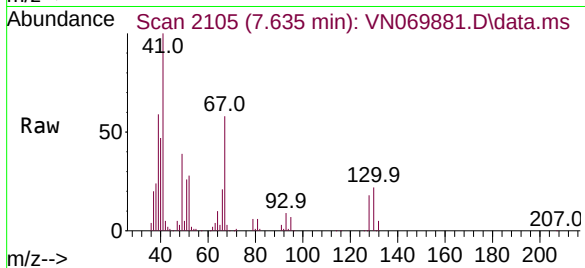
Tgt Ion: 78 Resp: 994833
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 17.604 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

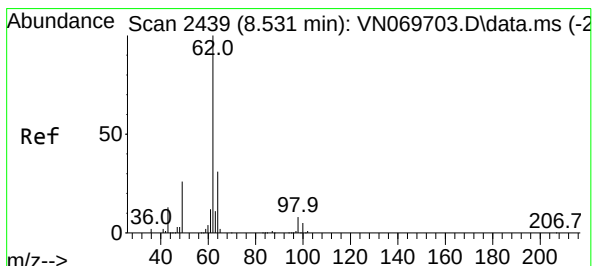
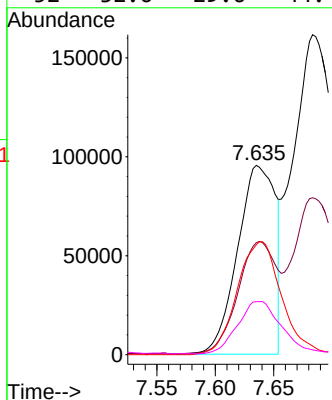
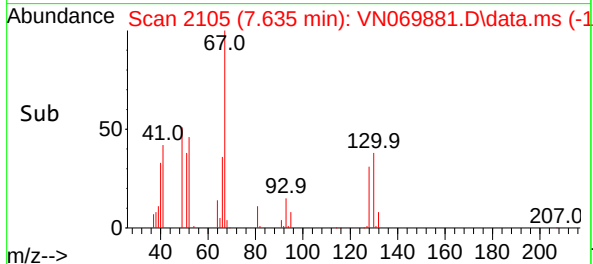
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 41 Resp: 21394
Ion Ratio Lower Upper
41 100
39 61.5 48.1 72.1
67 70.4 68.3 102.5
52 32.6 29.6 44.4

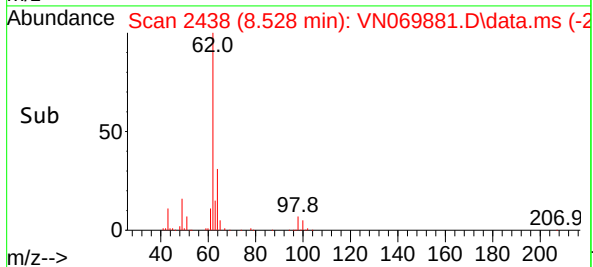
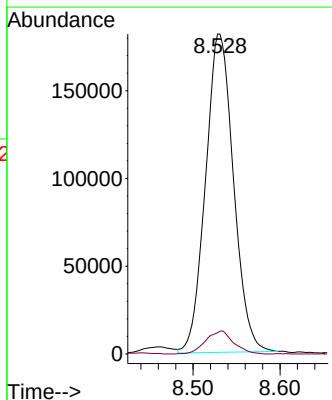
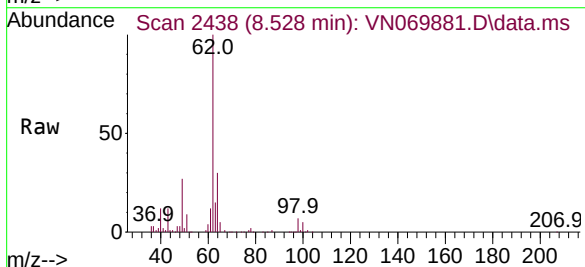
Manual Integrations
APPROVED

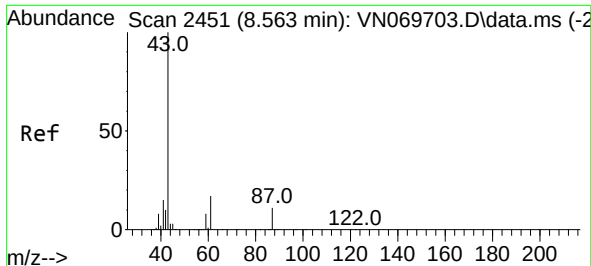
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 18.915 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Tgt Ion: 62 Resp: 405978
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6





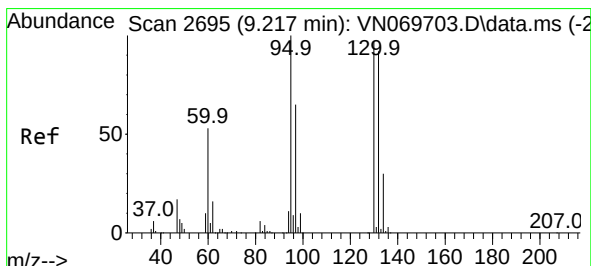
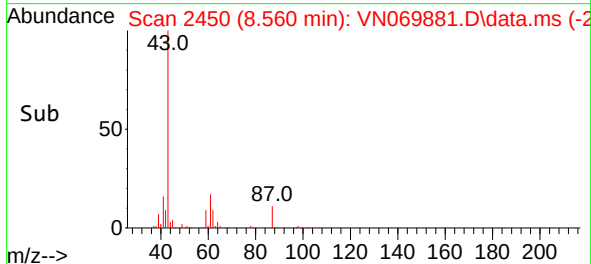
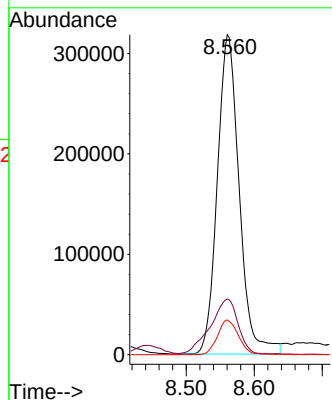
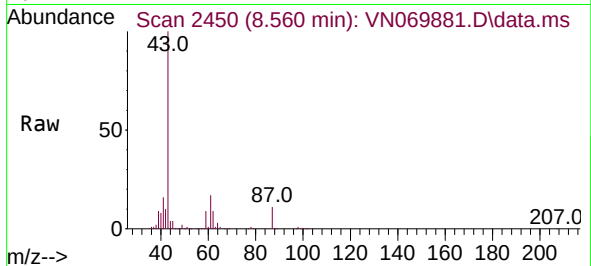
#43
Isopropyl Acetate
Concen: 18.586 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 43 Resp: 712089
Ion Ratio Lower Upper
43 100
61 21.5 20.4 30.6
87 10.4 11.2 16.8

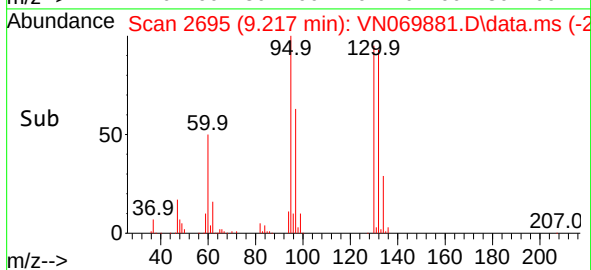
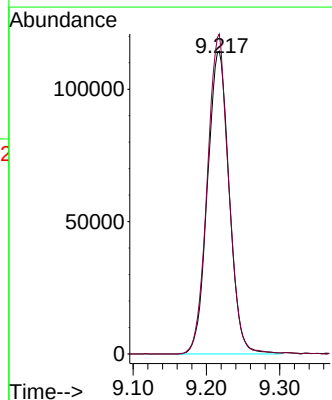
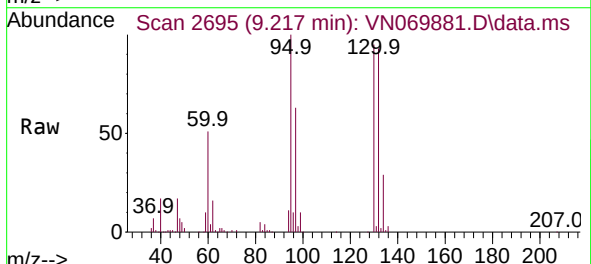
Manual Integrations
APPROVED

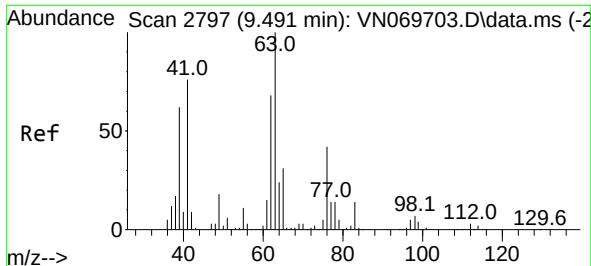
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 18.589 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

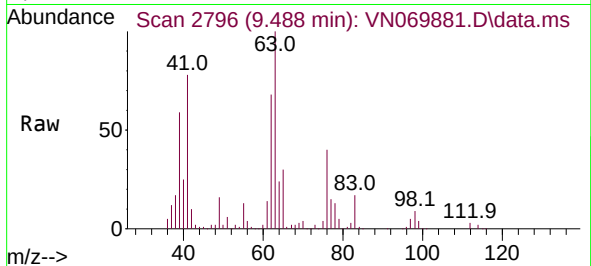
Tgt Ion:130 Resp: 235897
Ion Ratio Lower Upper
130 100
95 105.5 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.149 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

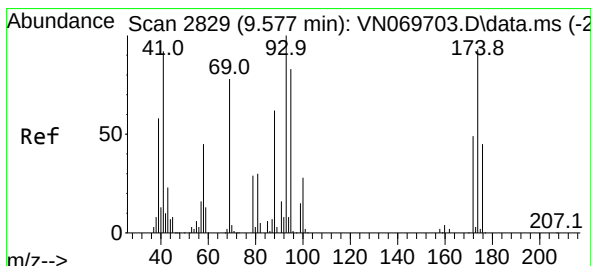
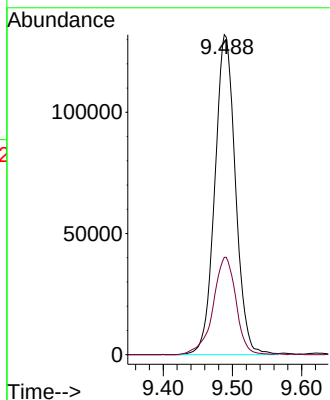
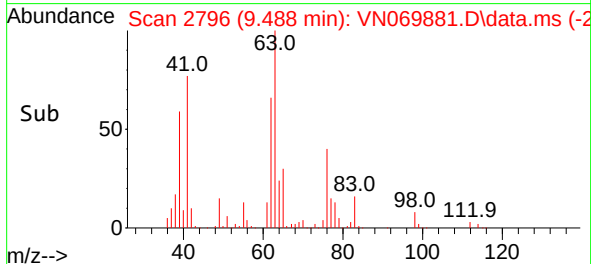
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



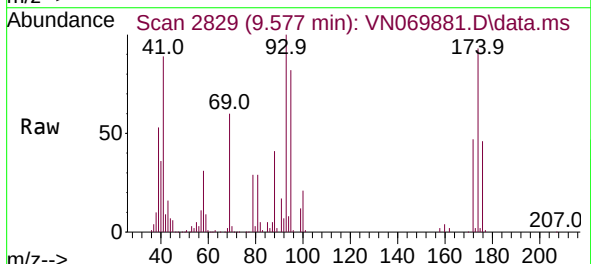
Tgt Ion: 63 Resp: 273409
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

Manual Integrations
APPROVED

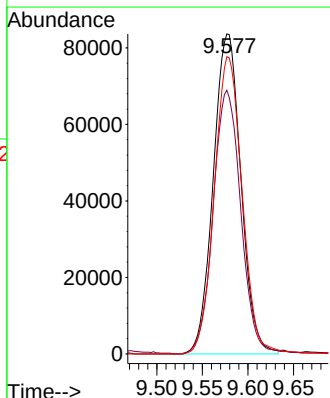
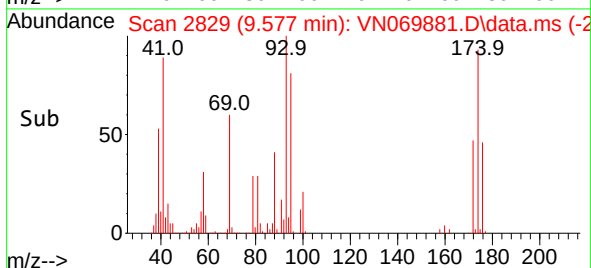
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

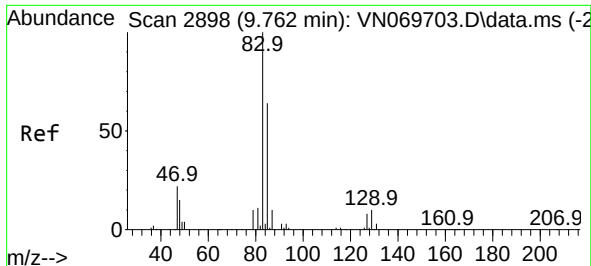


#46
Dibromomethane
Concen: 18.846 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



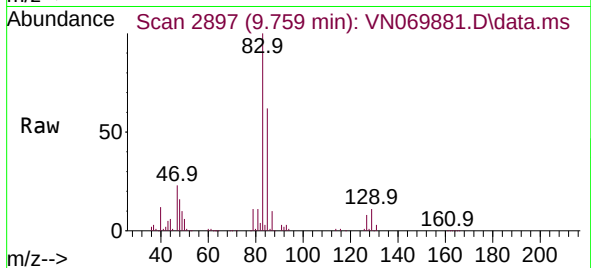
Tgt Ion: 93 Resp: 176470
Ion Ratio Lower Upper
93 100
95 82.6 65.9 98.9
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 19.089 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

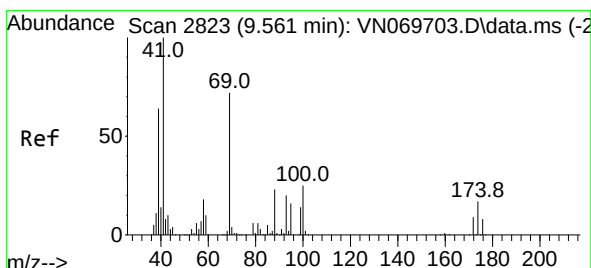
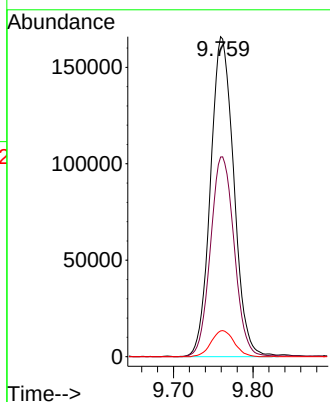
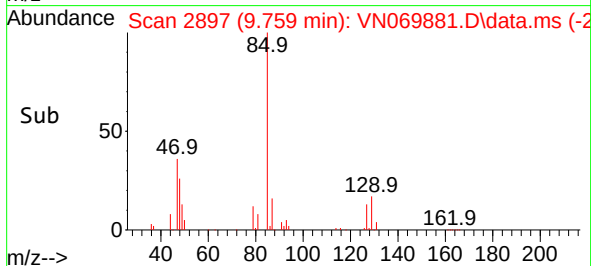
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 83 Resp: 338428
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 8.1 7.1 10.7

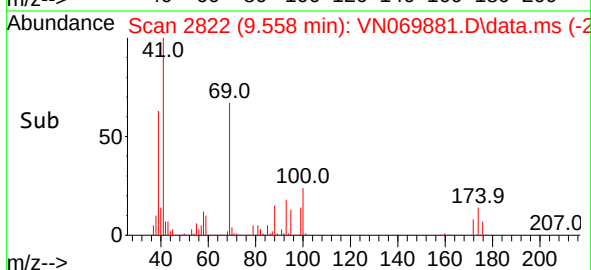
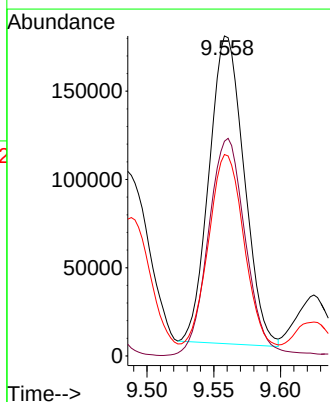
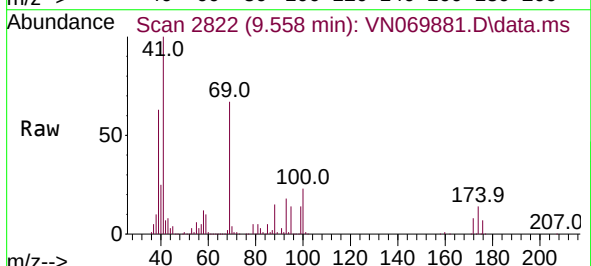
Manual Integrations
APPROVED

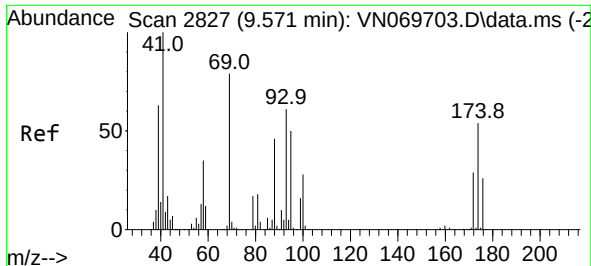
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 17.794 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Tgt Ion: 41 Resp: 318158
Ion Ratio Lower Upper
41 100
69 75.2 72.4 108.6
39 68.5 58.4 87.6





#49

1,4-Dioxane

Concen: 269.706 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

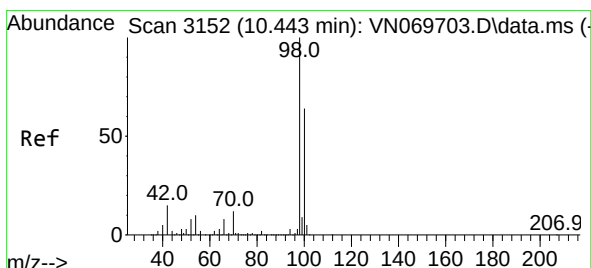
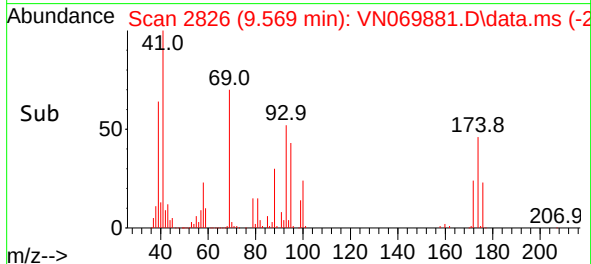
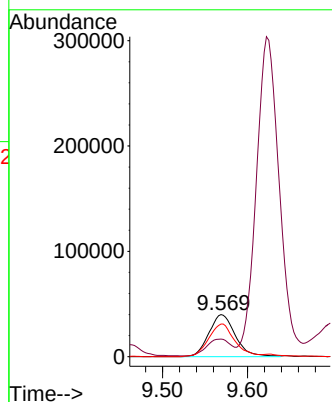
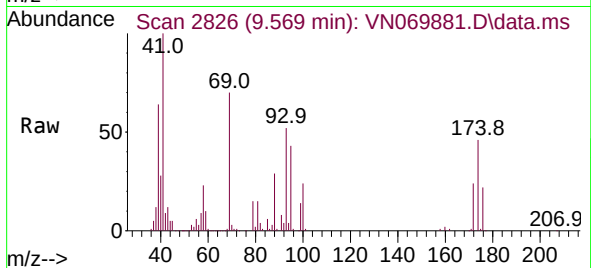
Tgt Ion:	88	Resp:	86520
Ion Ratio	Lower	Upper	
88	100		
43	35.9	23.4	35.2
58	76.5	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 52.221 ug/l

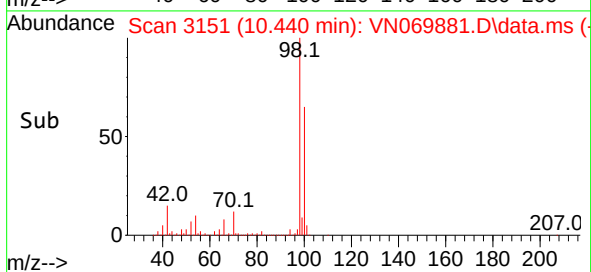
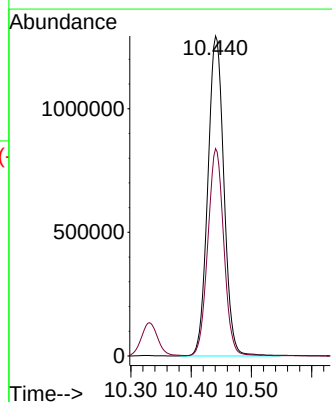
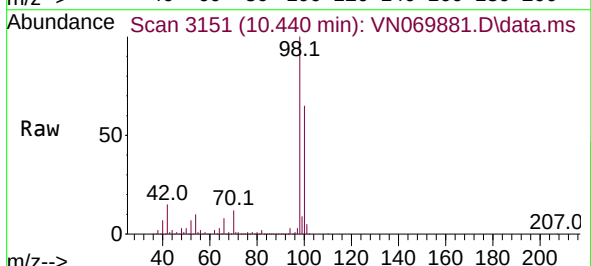
RT: 10.440 min Scan# 3151

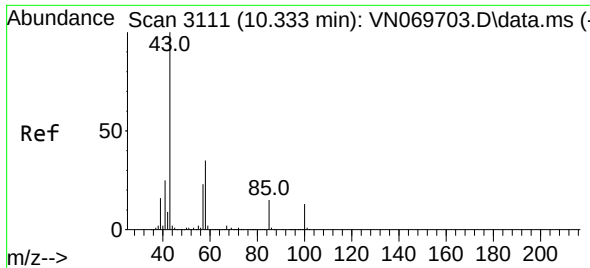
Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Tgt Ion:	98	Resp:	2399945
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.4	75.6





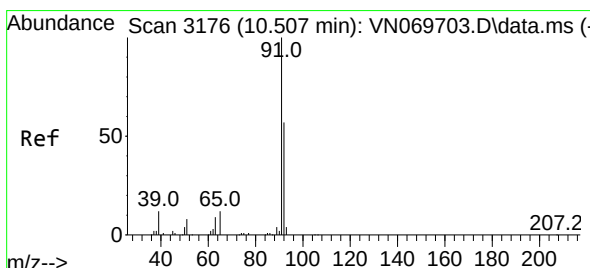
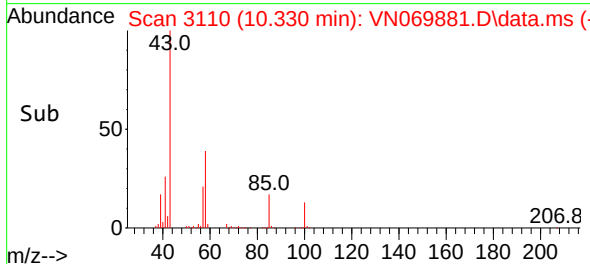
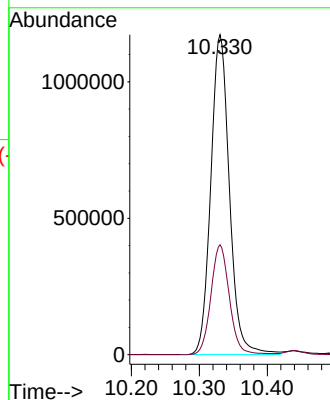
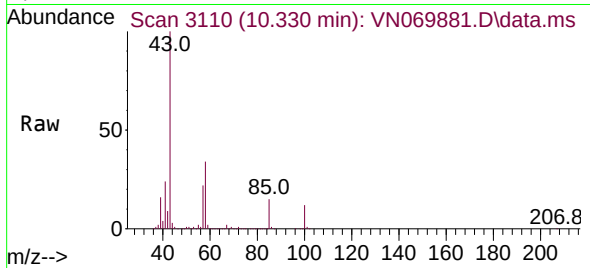
#51
4-Methyl-2-Pentanone
Concen: 89.886 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 43 Resp: 223406
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6

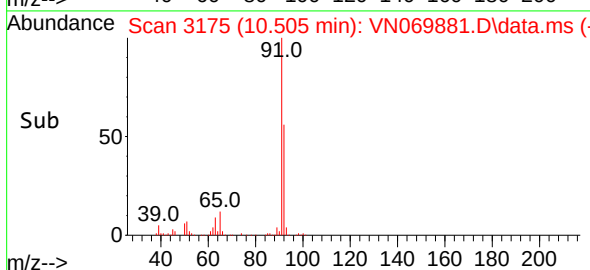
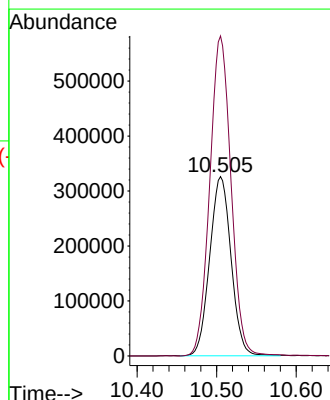
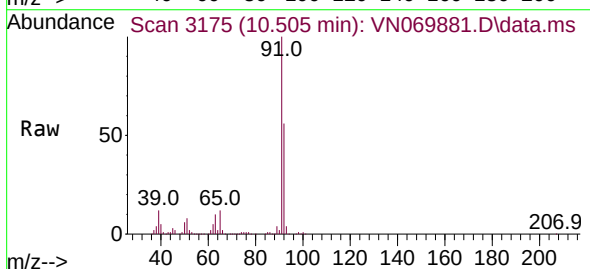
Manual Integrations
APPROVED

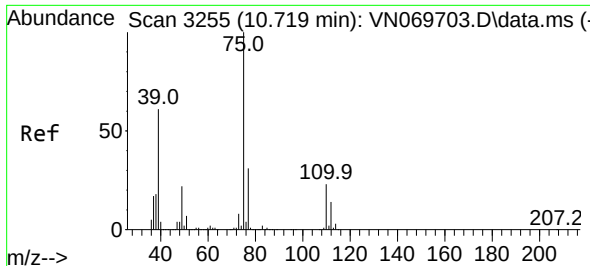
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 18.712 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

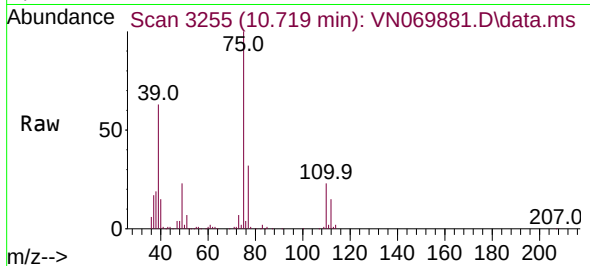
Tgt Ion: 92 Resp: 607408
Ion Ratio Lower Upper
92 100
91 178.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.883 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

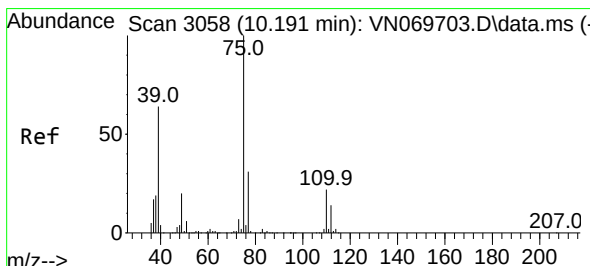
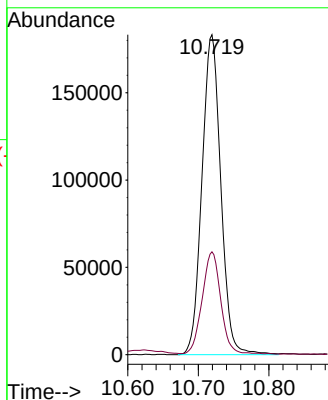
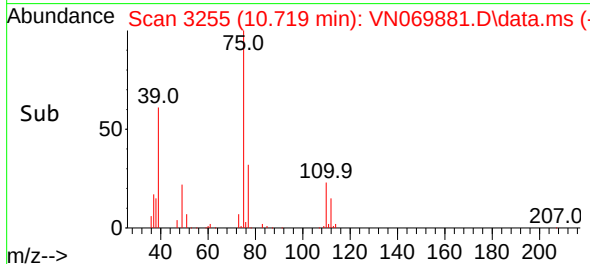
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



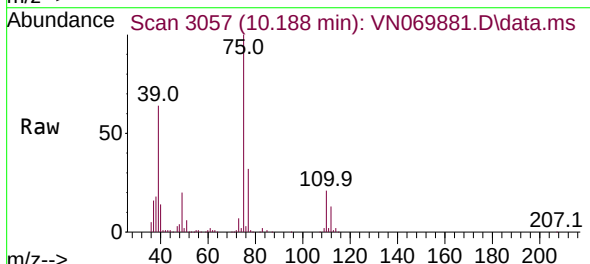
Tgt Ion: 75 Resp: 340845
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations
APPROVED

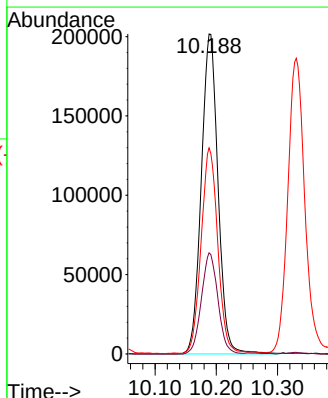
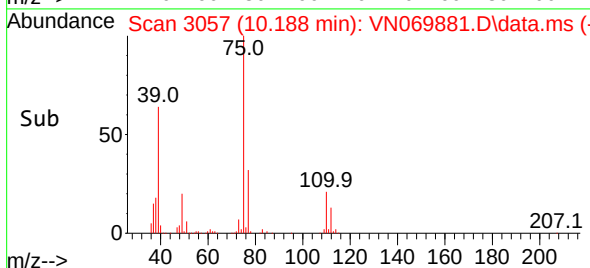
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

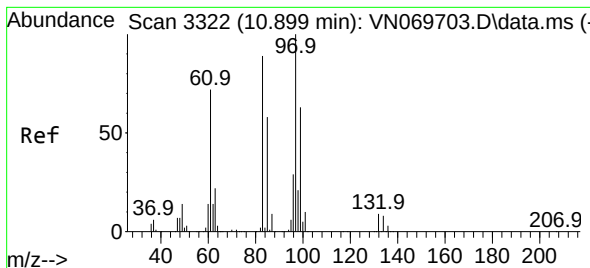


#54
cis-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



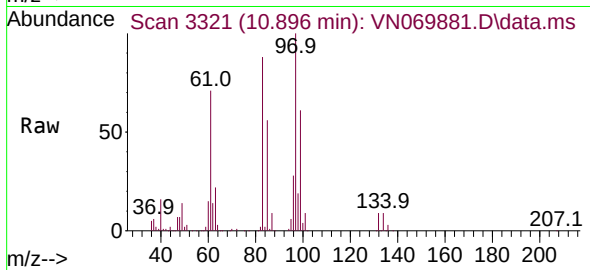
Tgt Ion: 75 Resp: 382825
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 64.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 18.618 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

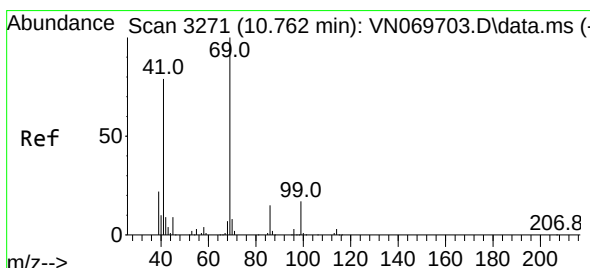
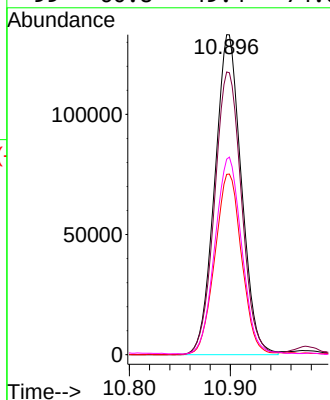
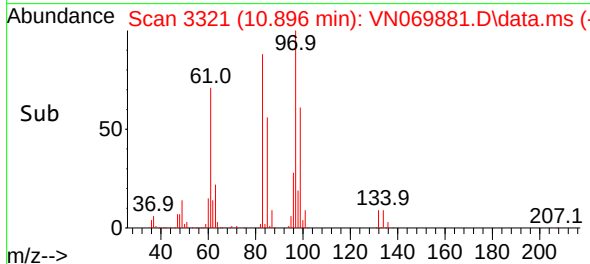
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



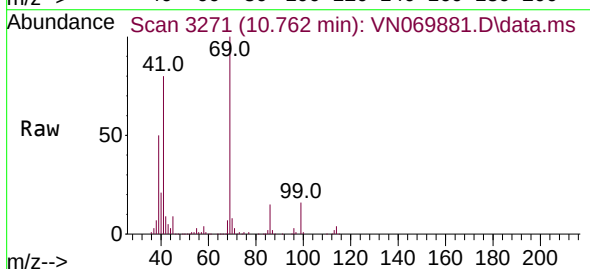
Tgt Ion: 97 Resp: 24384
Ion Ratio Lower Upper
97 100
83 88.2 67.8 101.6
85 56.4 45.4 68.2
99 60.8 49.4 74.0

Manual Integrations
APPROVED

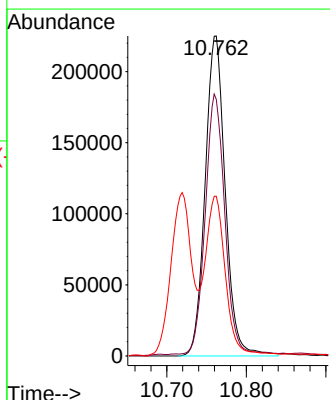
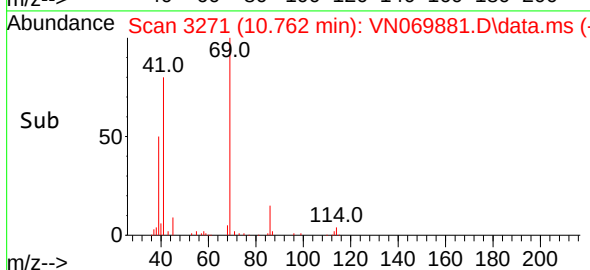
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

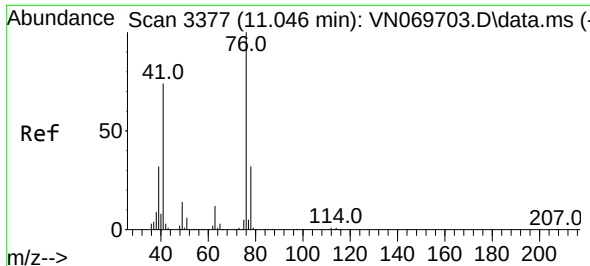


#56
Ethyl methacrylate
Concen: 17.601 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion: 69 Resp: 396726
Ion Ratio Lower Upper
69 100
41 79.4 51.4 77.0#
39 48.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.879 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 76 Resp: 43538

Ion Ratio Lower Upper

76 100

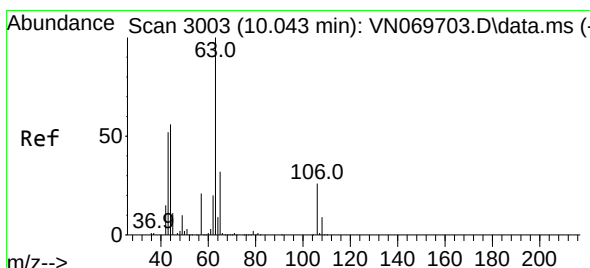
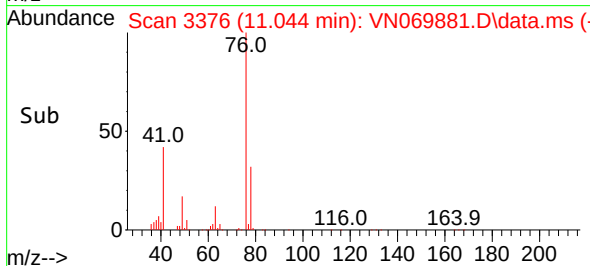
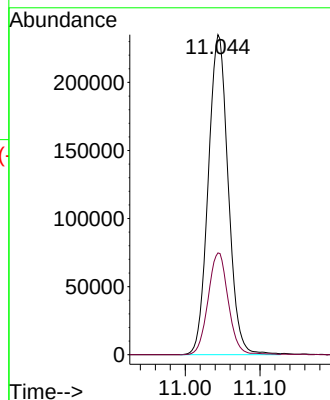
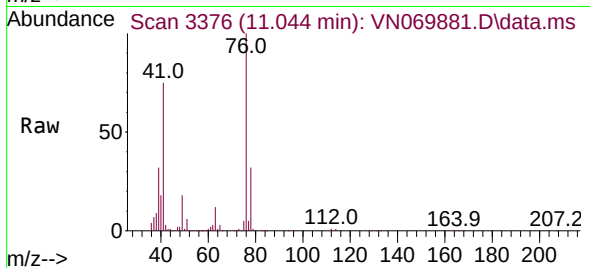
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 76.948 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069881.D

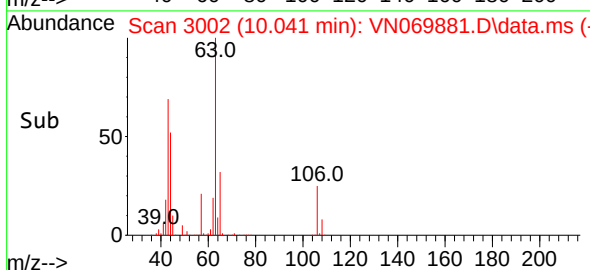
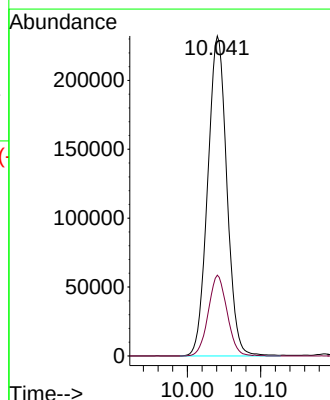
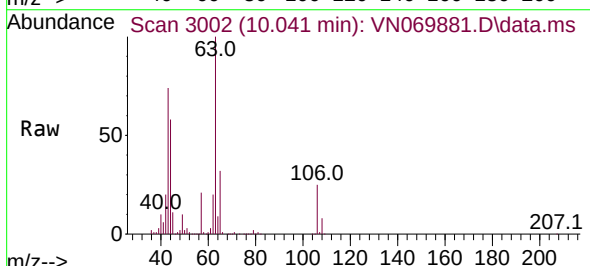
Acq: 9 Dec 2021 00:32

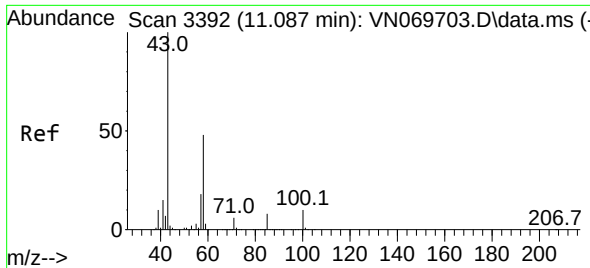
Tgt Ion: 63 Resp: 421820

Ion Ratio Lower Upper

63 100

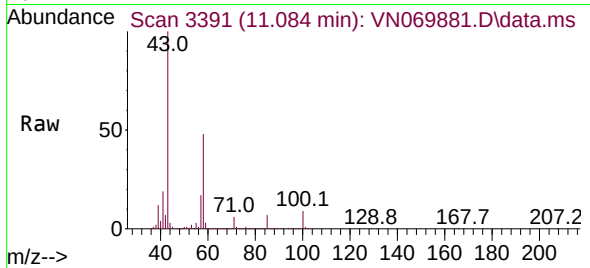
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 81.343 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

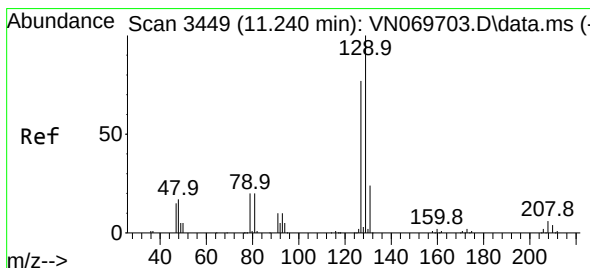
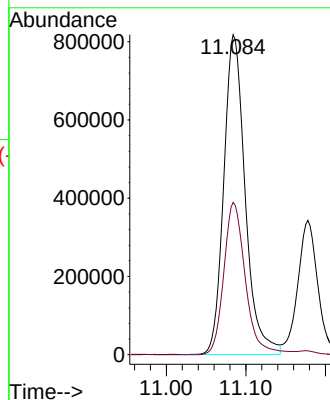
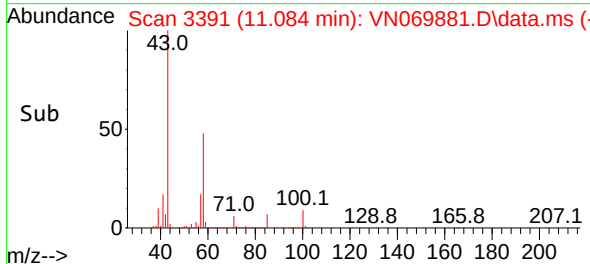
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 43 Resp: 152939
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7

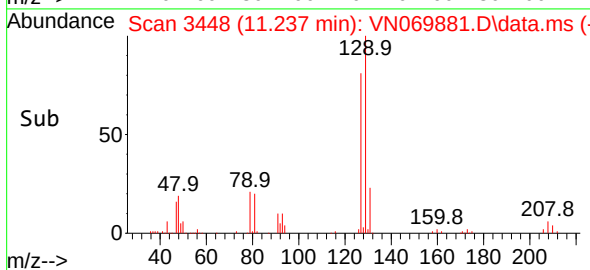
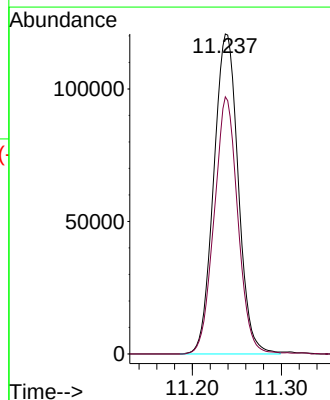
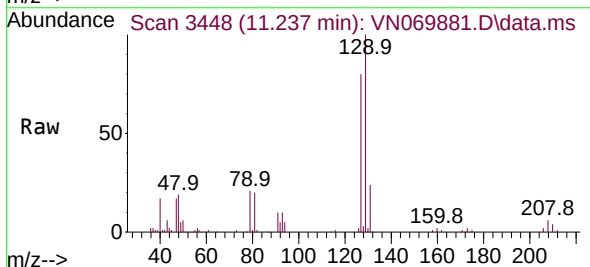
Manual Integrations
APPROVED

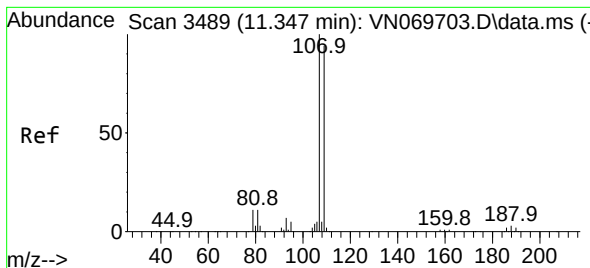
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 18.035 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

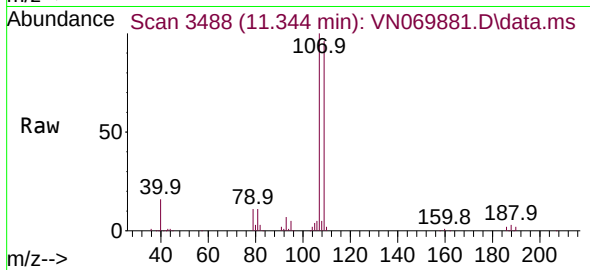
Tgt Ion:129 Resp: 230710
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.376 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

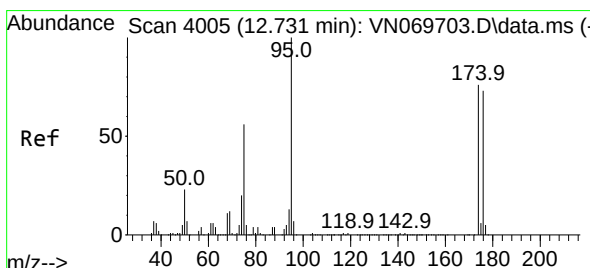
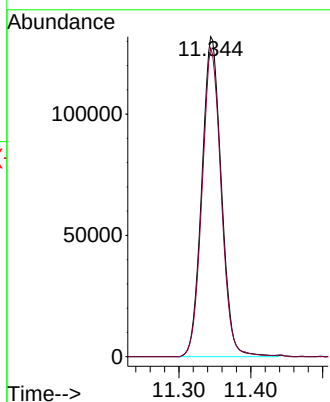
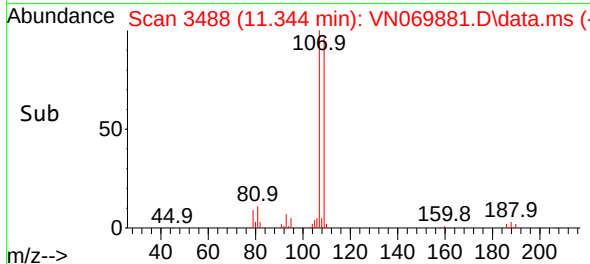
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:107 Resp: 249270
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

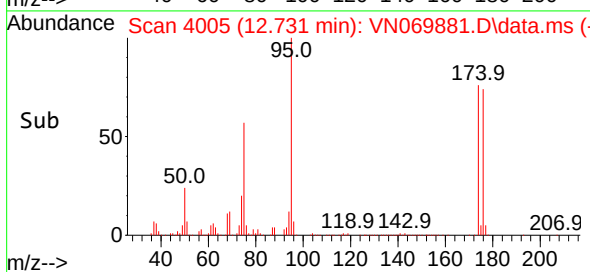
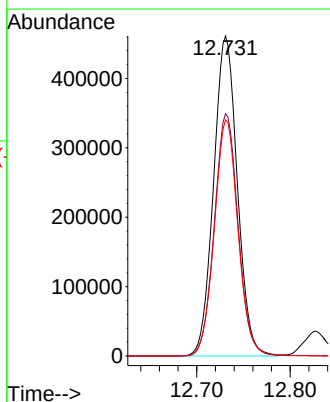
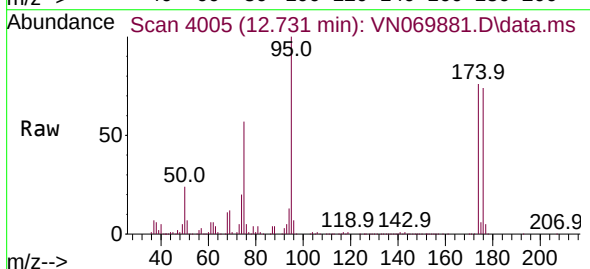
Manual Integrations
APPROVED

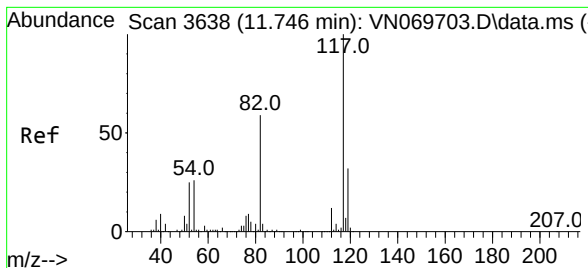
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

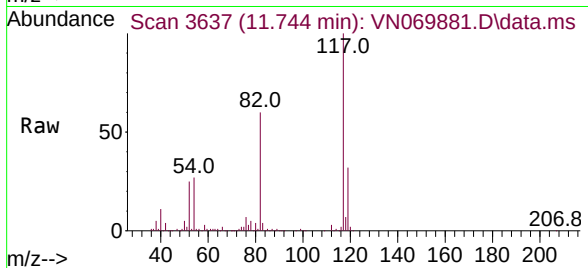
Tgt Ion: 95 Resp: 814538
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

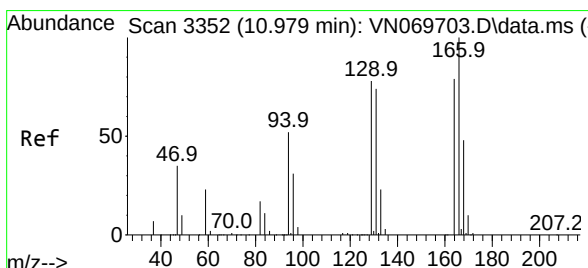
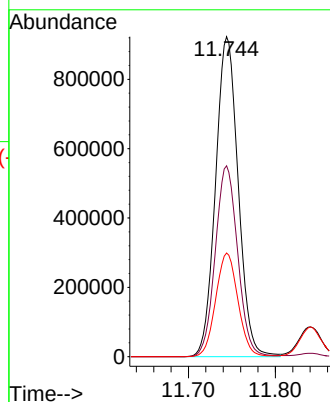
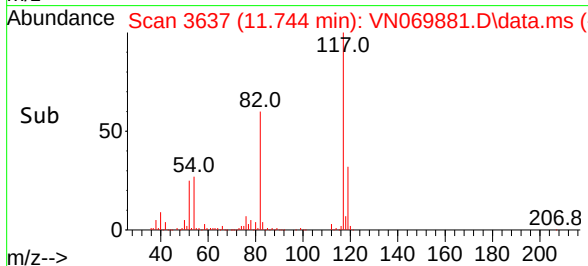
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:117 Resp: 167088
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.4 25.4 38.2

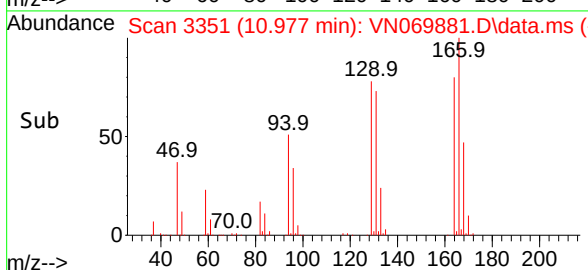
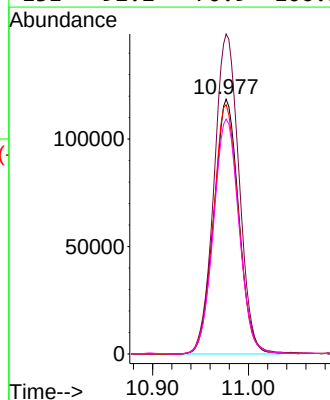
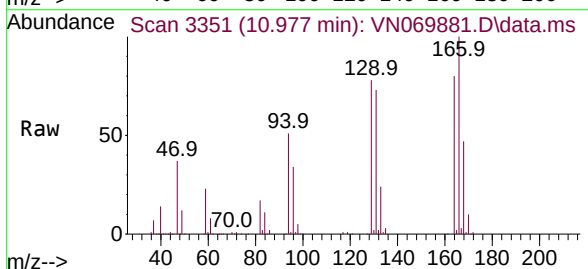
Manual Integrations
APPROVED

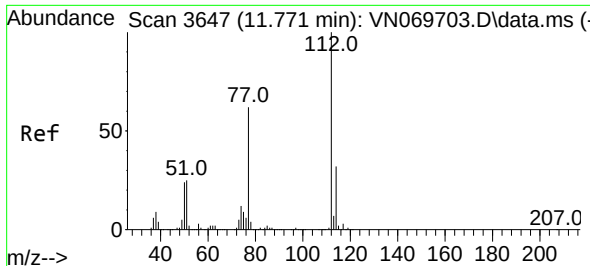
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 18.973 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

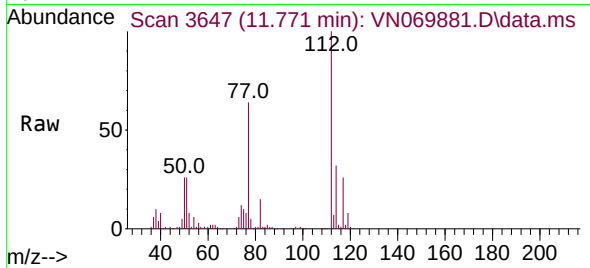
Tgt Ion:164 Resp: 214954
Ion Ratio Lower Upper
164 100
166 125.6 101.9 152.9
129 97.8 72.0 108.0
131 92.2 70.9 106.3





#65
Chlorobenzene
Concen: 18.701 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

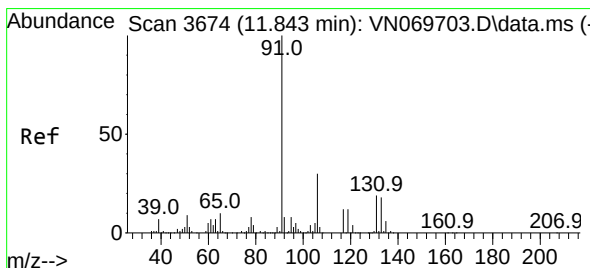
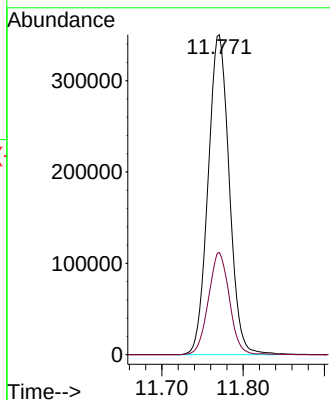
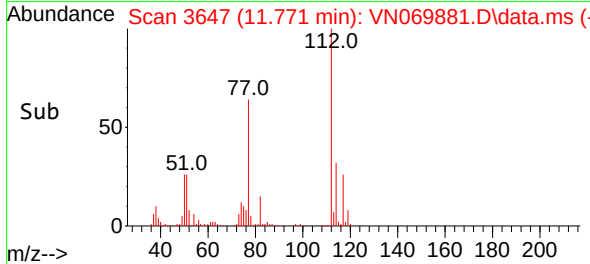
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



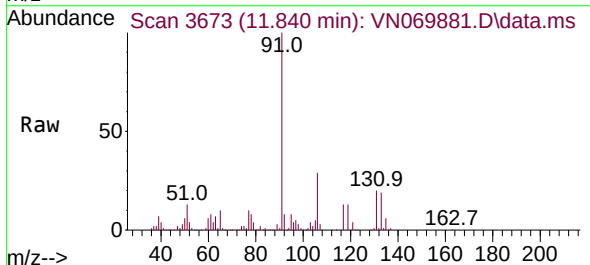
Tgt Ion:112 Resp: 63391
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

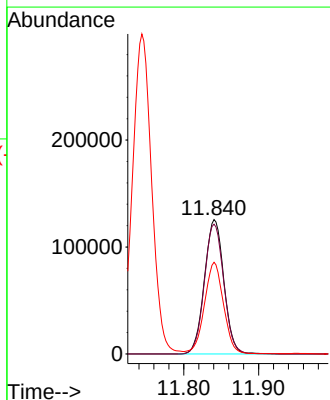
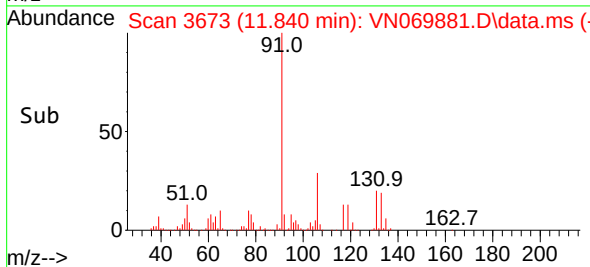
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

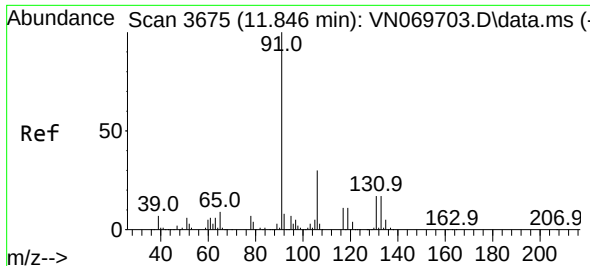


#66
1,1,1,2-Tetrachloroethane
Concen: 19.088 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



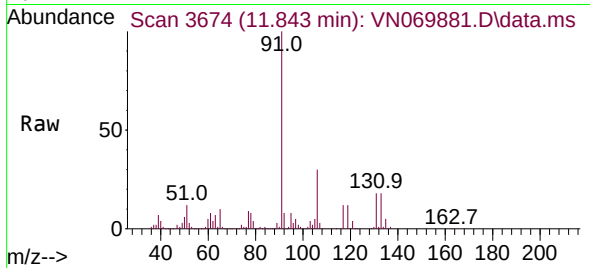
Tgt Ion:131 Resp: 227730
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 66.3 32.1 96.5





#67
Ethyl Benzene
Concen: 19.072 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

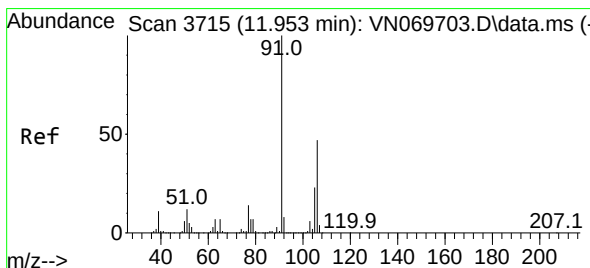
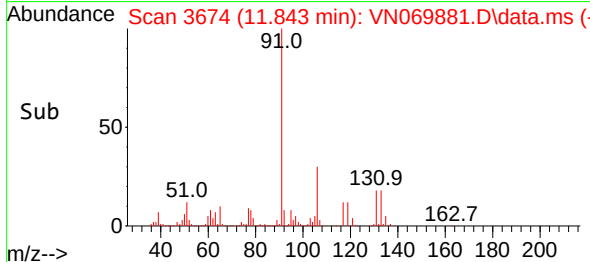
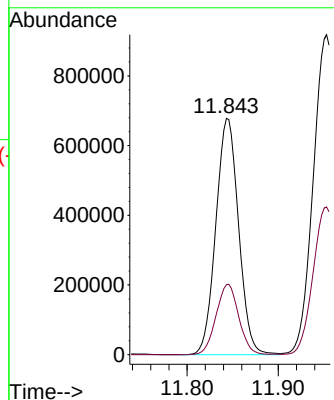
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 91 Resp: 1174328
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

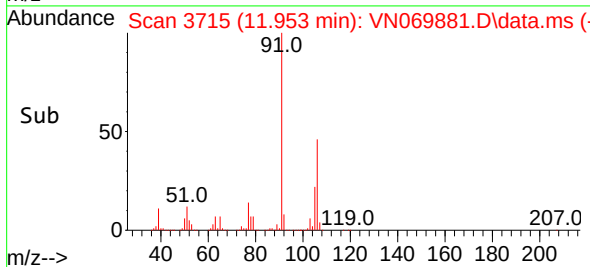
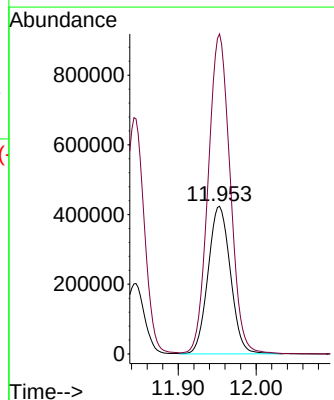
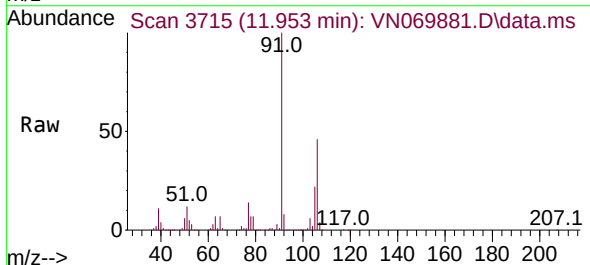
Manual Integrations
APPROVED

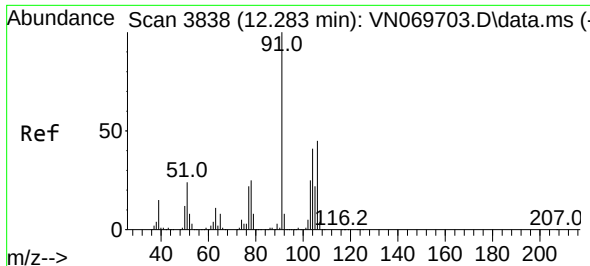
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 37.592 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Tgt Ion:106 Resp: 842791
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8





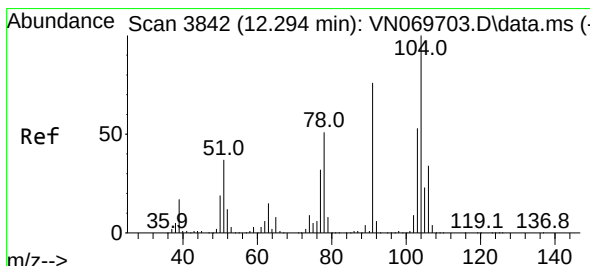
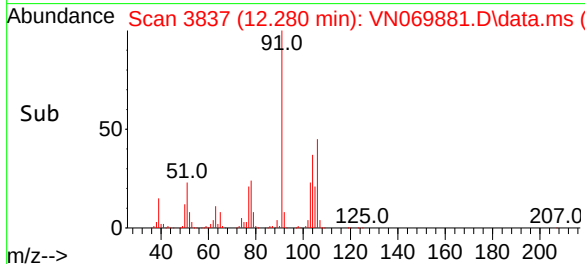
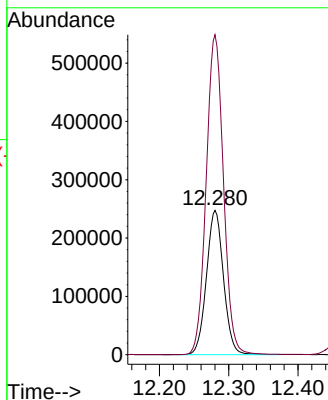
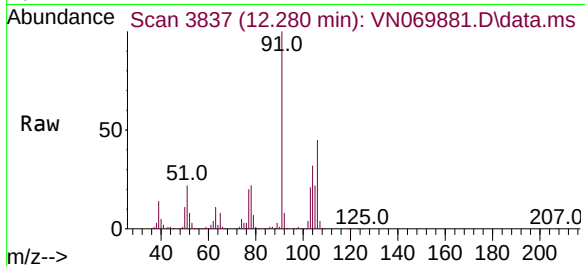
#69
o-Xylene
Concen: 18.747 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:106 Resp: 423352
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

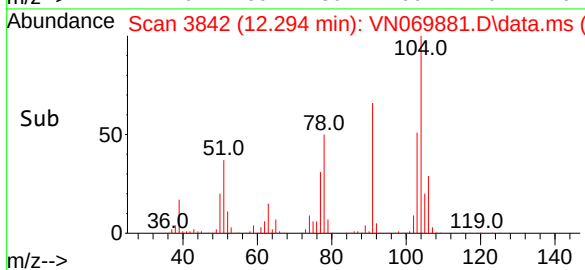
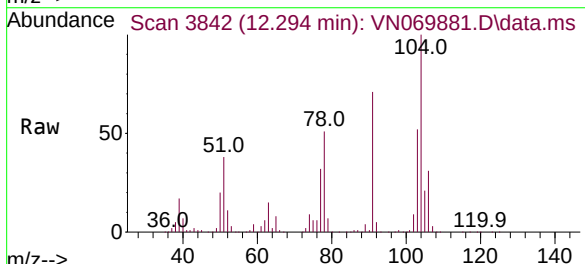
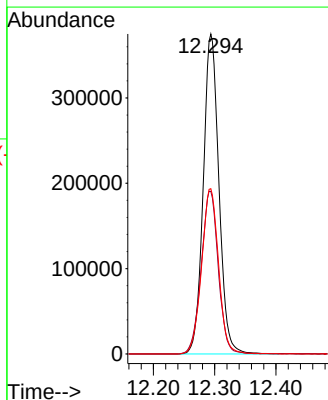
Manual Integrations
APPROVED

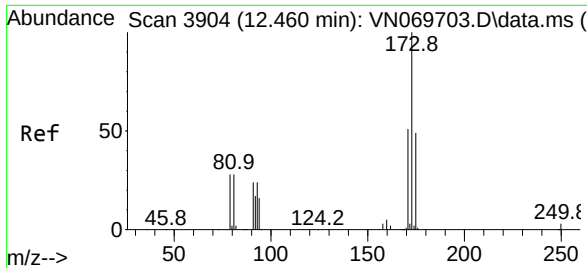
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 18.610 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

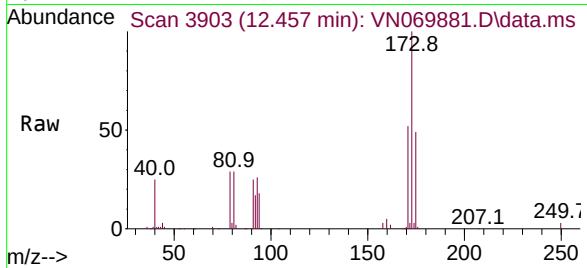
Tgt Ion:104 Resp: 666391
Ion Ratio Lower Upper
104 100
78 55.2 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 17.524 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

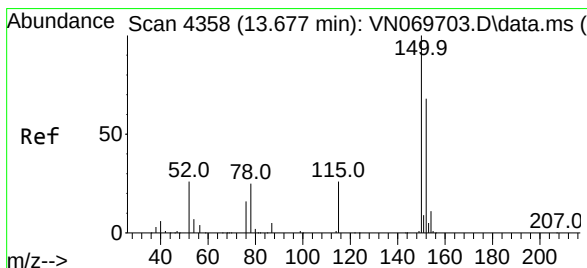
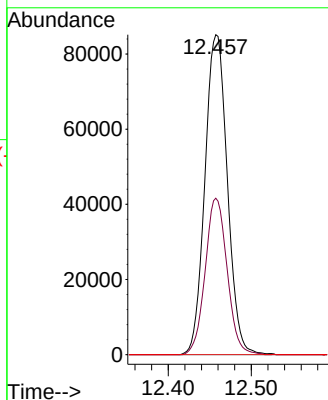
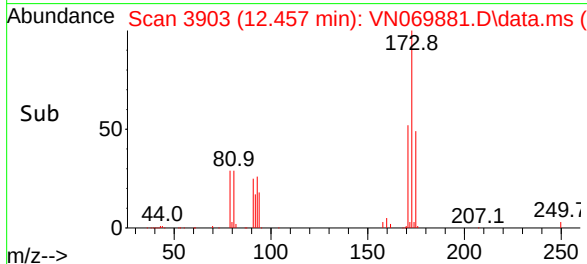
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



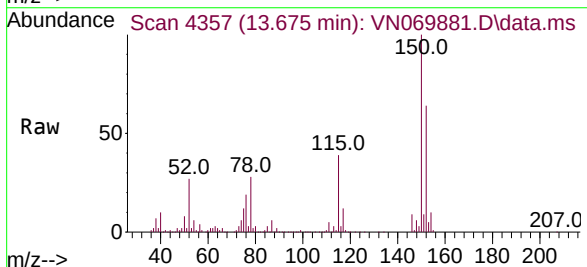
Tgt Ion:173 Resp: 159670
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

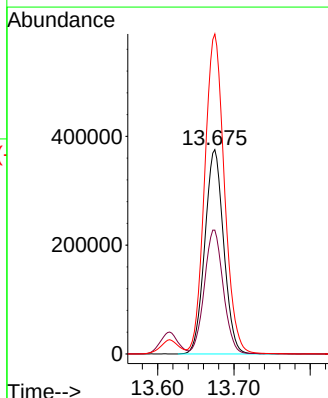
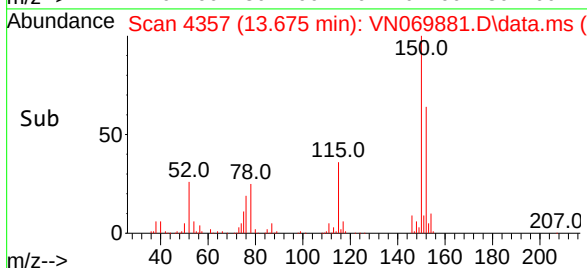
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

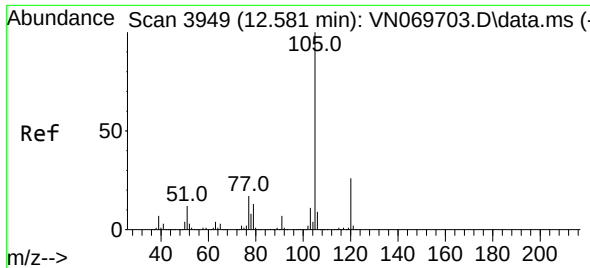


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



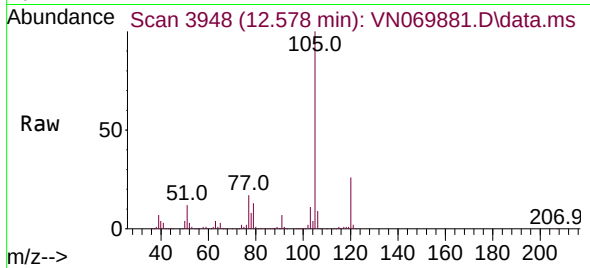
Tgt Ion:152 Resp: 646027
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 164.0 0.0 344.4





#73
Isopropylbenzene
Concen: 19.214 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

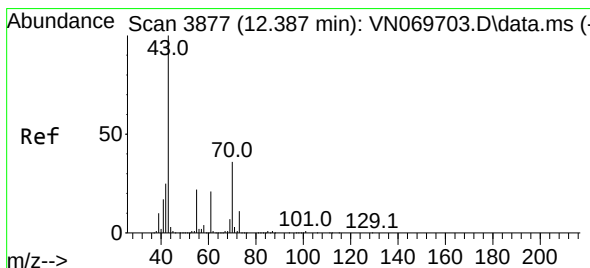
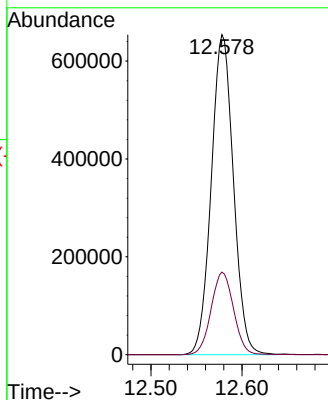
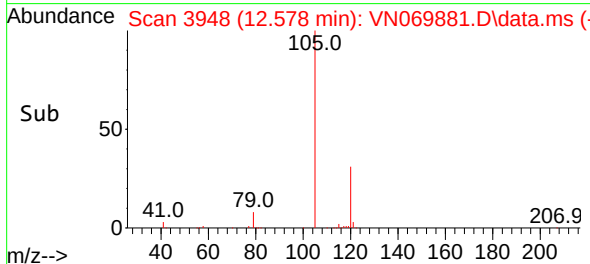
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



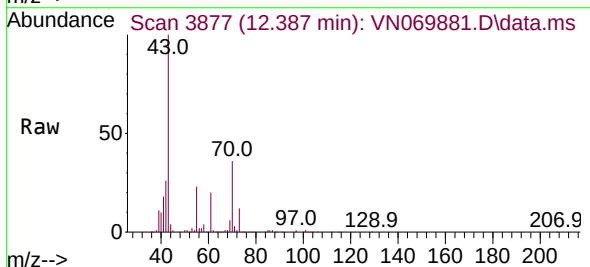
Tgt Ion:105 Resp: 1104409
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations
APPROVED

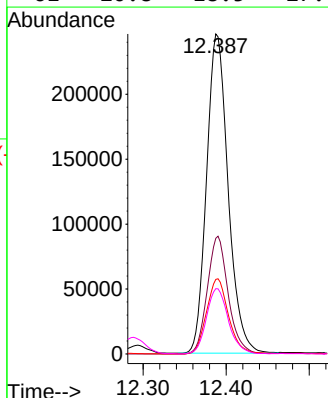
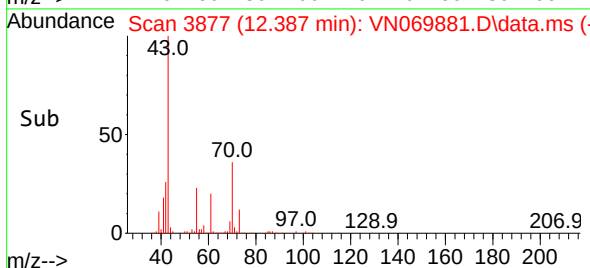
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

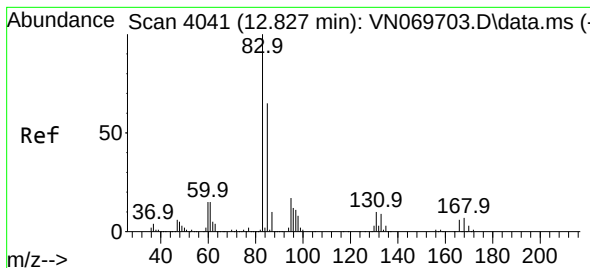


#74
N-ethyl acetate
Concen: 17.453 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion: 43 Resp: 443635
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 24.1 19.3 28.9
61 20.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.794 ug/l

RT: 12.825 min Scan# 4041

Delta R.T. -0.003 min

Lab File: VN069881.D

Acq: 9 Dec 2021 00:32

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 83 Resp: 37355

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.5

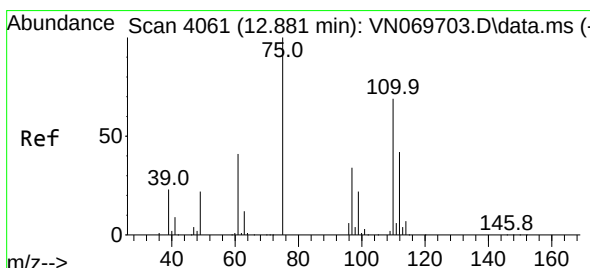
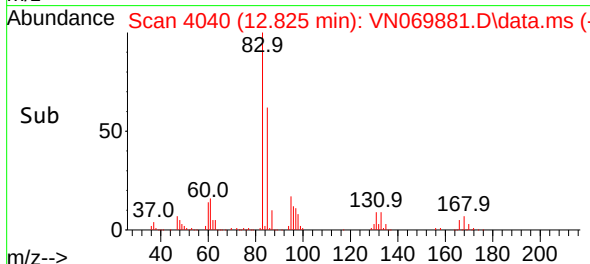
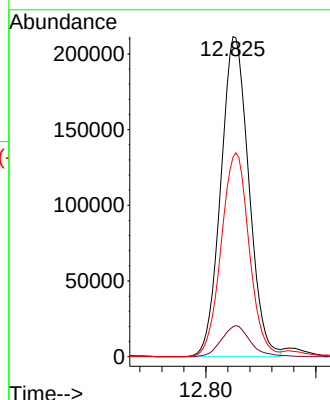
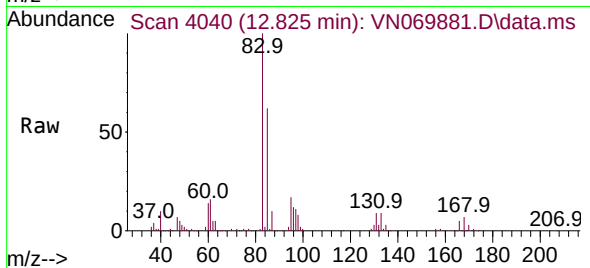
85 63.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#76

1,2,3-Trichloropropane

Concen: 19.681 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. -0.003 min

Lab File: VN069881.D

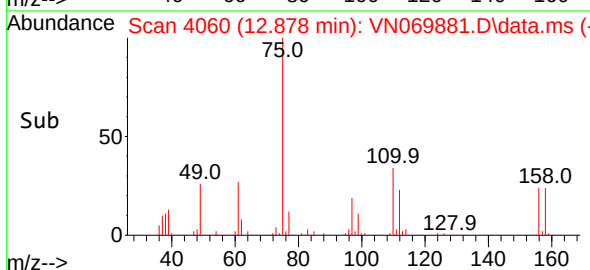
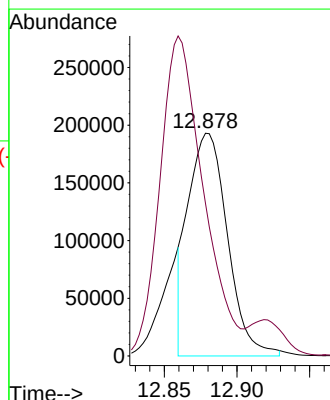
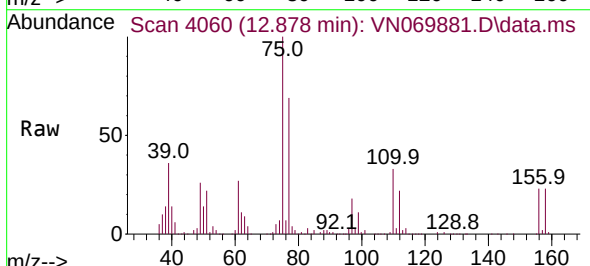
Acq: 9 Dec 2021 00:32

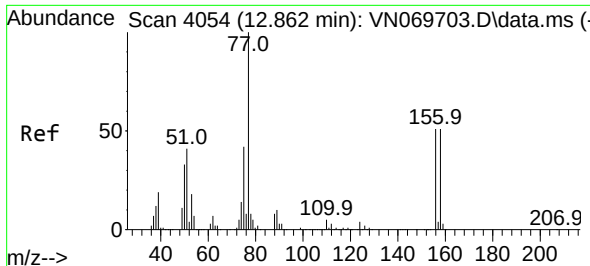
Tgt Ion: 75 Resp: 364619

Ion Ratio Lower Upper

75 100

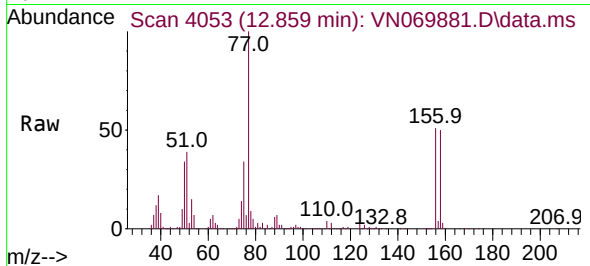
77 158.6 82.6 247.8





#77
Bromobenzene
Concen: 18.933 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

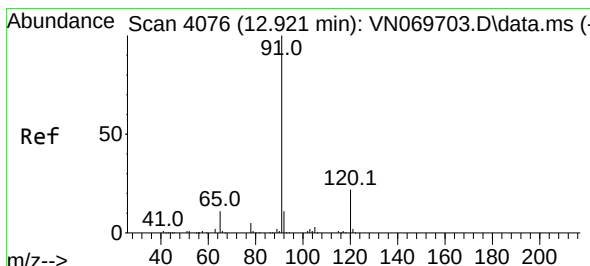
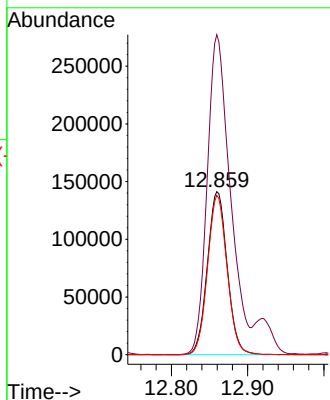
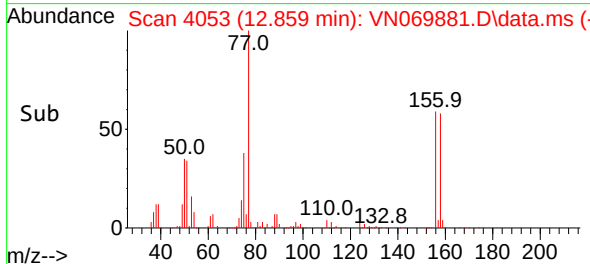
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:156 Resp: 25561
Ion Ratio Lower Upper
156 100
77 226.3 90.6 271.8
158 95.8 48.9 146.7

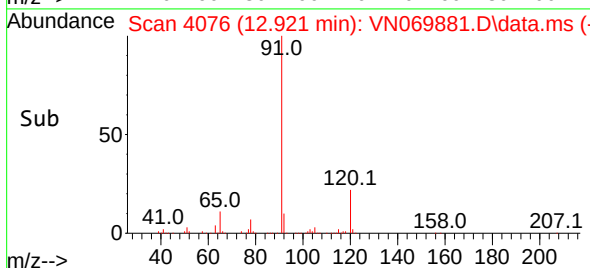
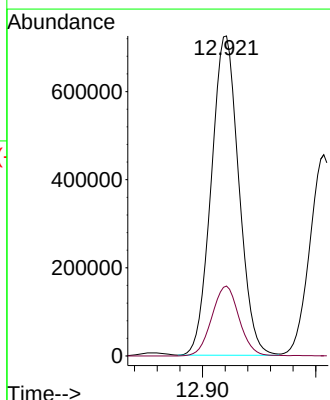
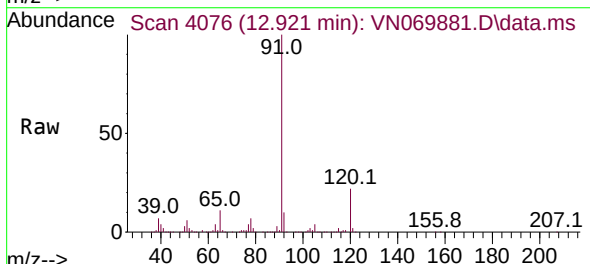
Manual Integrations
APPROVED

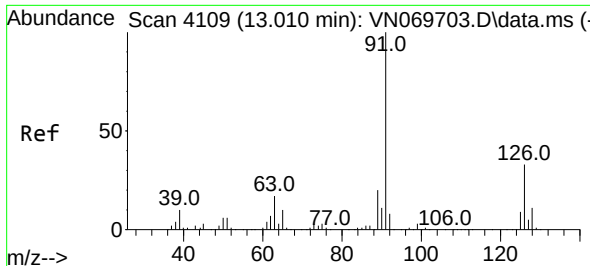
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 19.131 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Tgt Ion: 91 Resp: 1223638
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





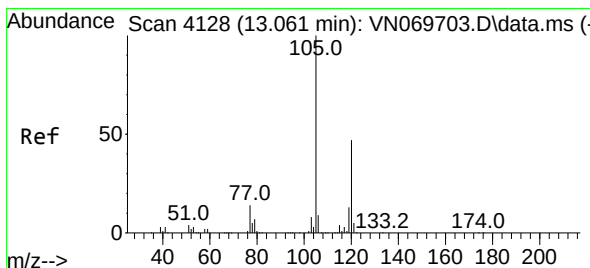
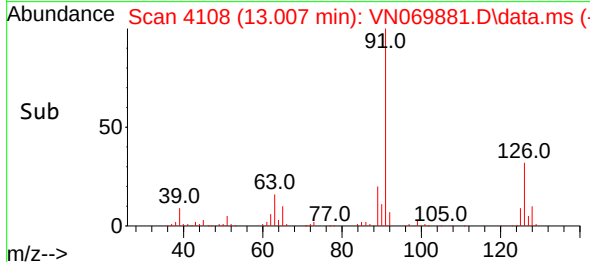
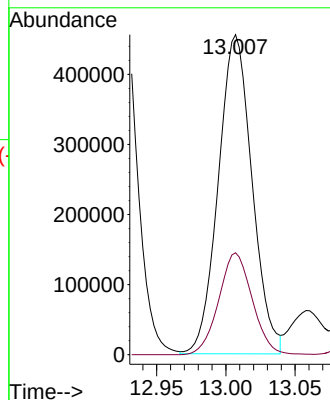
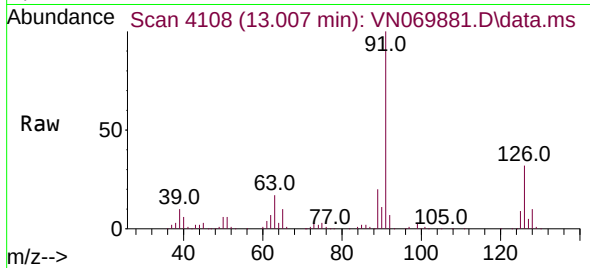
#79
2-Chlorotoluene
Concen: 19.093 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 91 Resp: 771649
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

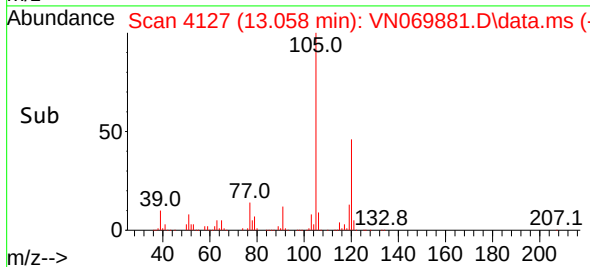
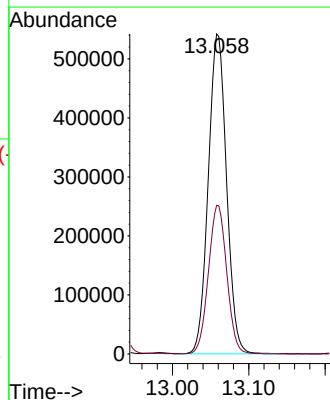
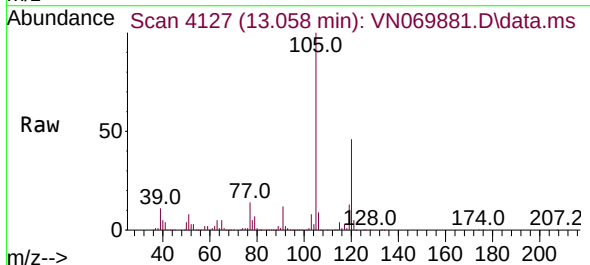
Manual Integrations
APPROVED

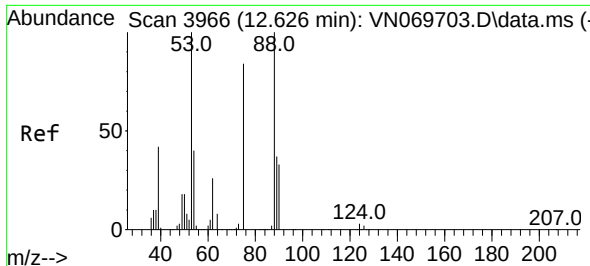
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.448 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

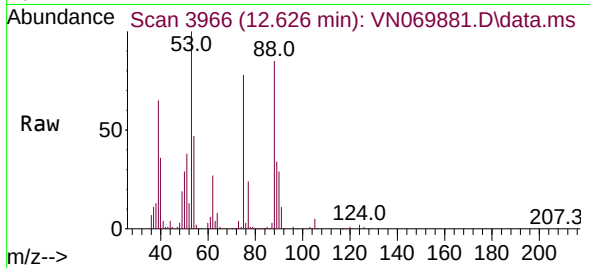
Tgt Ion:105 Resp: 899749
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.102 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

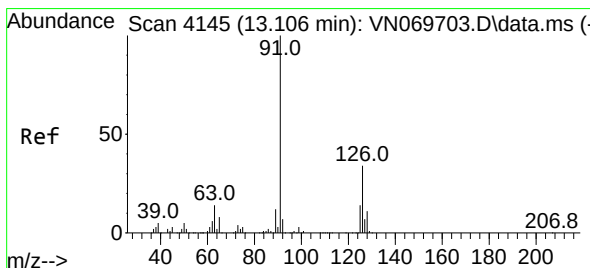
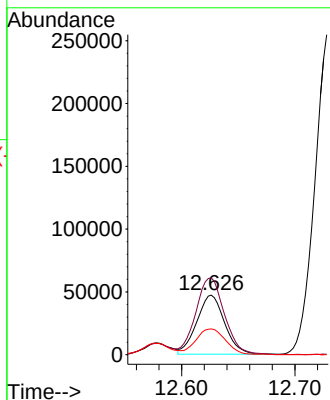
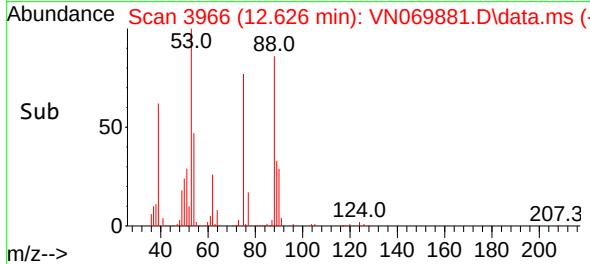
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



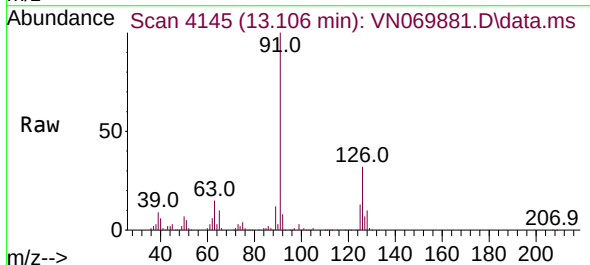
Tgt Ion: 75 Resp: 8034
Ion Ratio Lower Upper
75 100
53 134.2 90.5 135.7
89 45.0 38.2 57.4

Manual Integrations
APPROVED

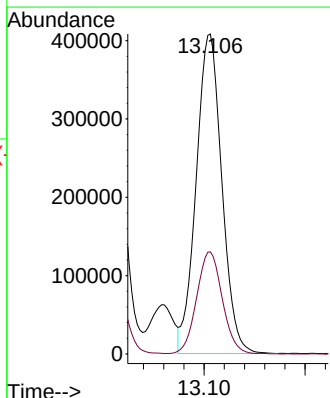
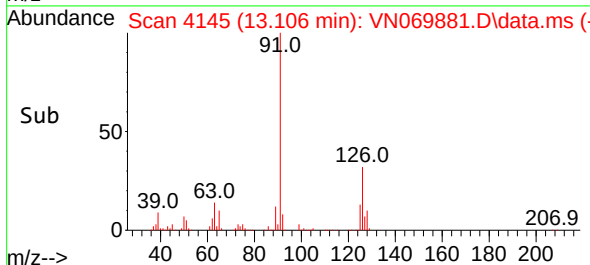
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

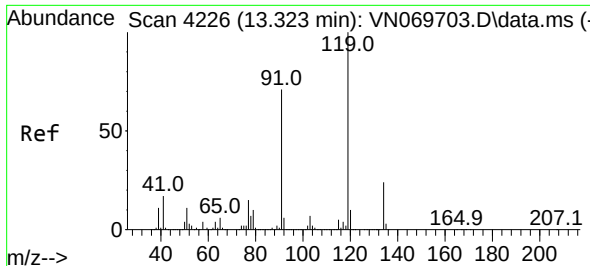


#82
4-Chlorotoluene
Concen: 18.939 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



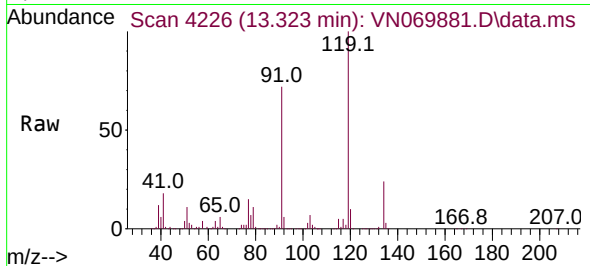
Tgt Ion: 91 Resp: 719813
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.842 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

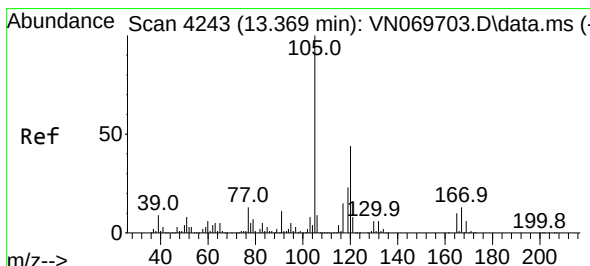
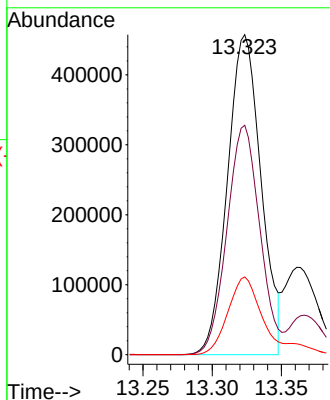
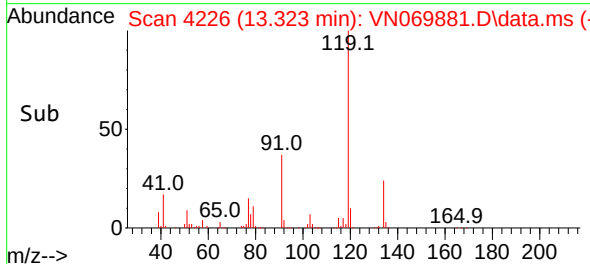
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



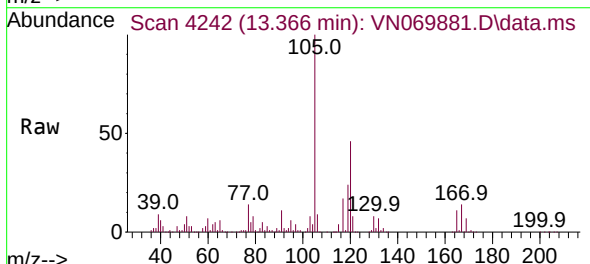
Tgt Ion:119 Resp: 771868
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 26.6 12.4 37.4

Manual Integrations
APPROVED

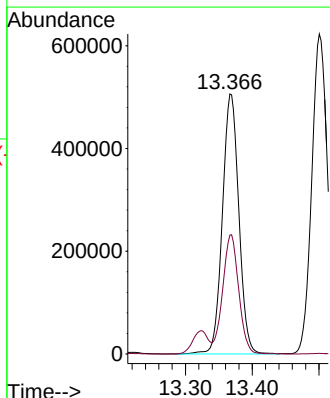
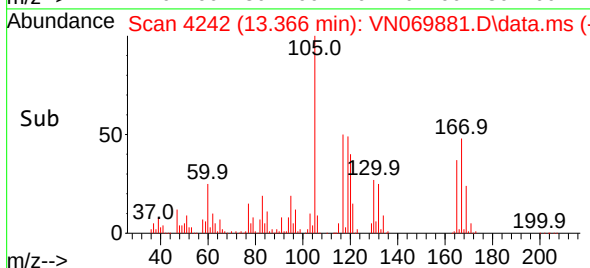
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

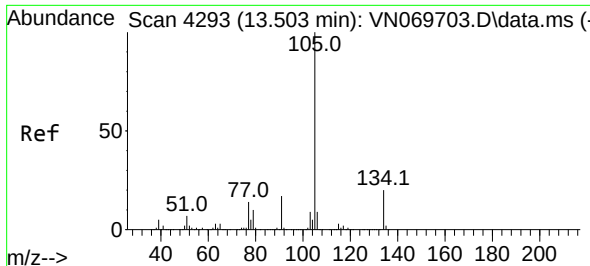


#84
1,2,4-Trimethylbenzene
Concen: 19.651 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion:105 Resp: 865810
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





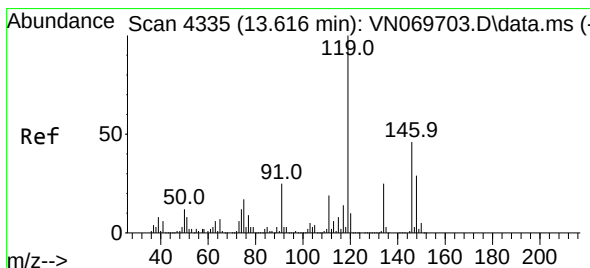
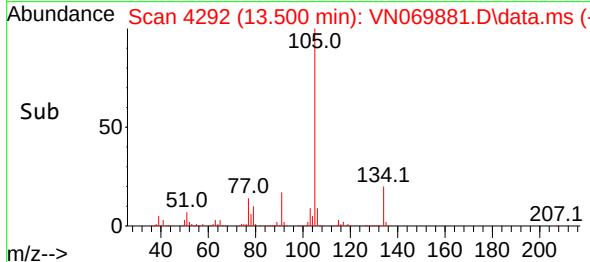
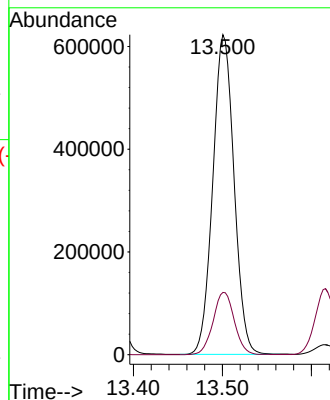
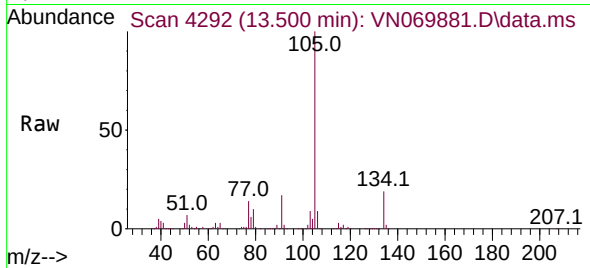
#85
 sec-Butylbenzene
 Concen: 18.538 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tgt Ion:105 Resp: 103008
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

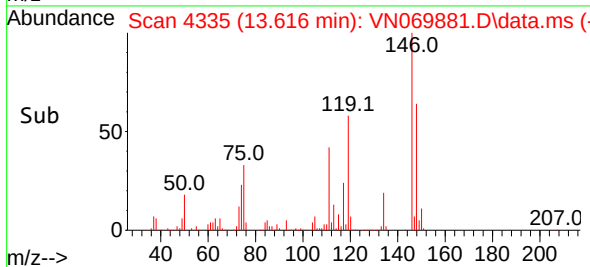
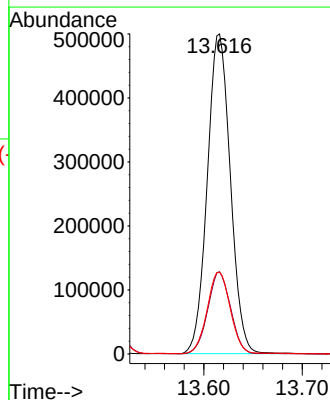
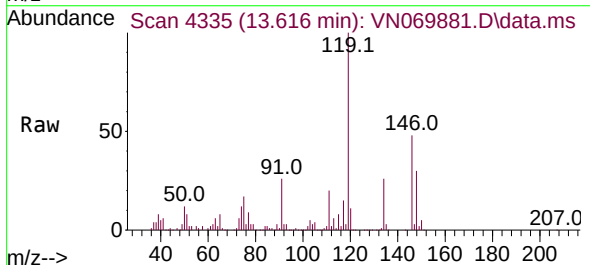
Manual Integrations
 APPROVED

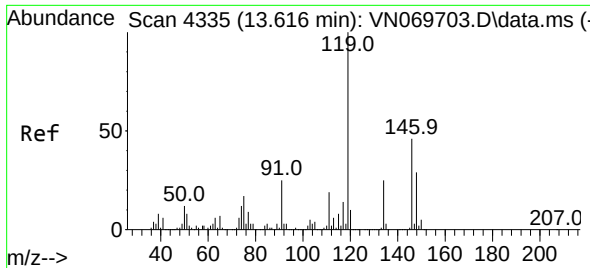
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 18.719 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069881.D
 Acq: 9 Dec 2021 00:32

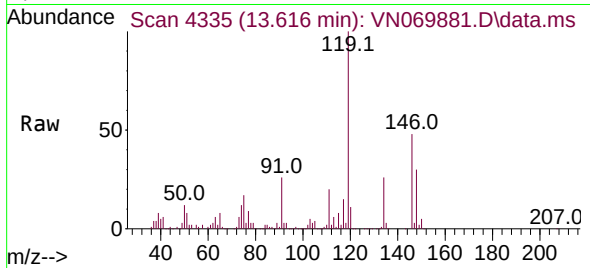
Tgt Ion:119 Resp: 813023
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.411 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

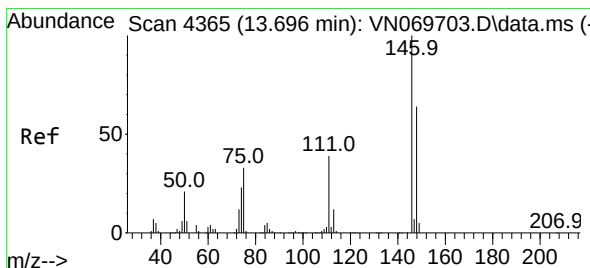
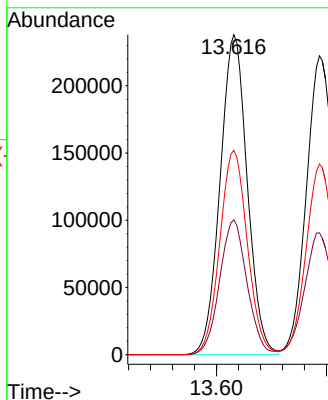
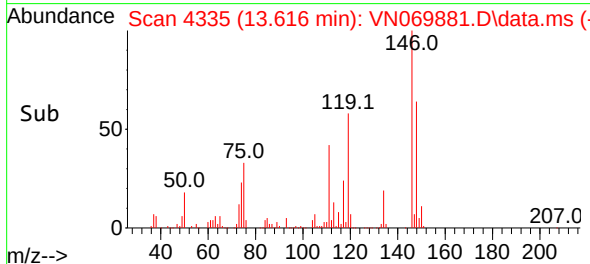
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



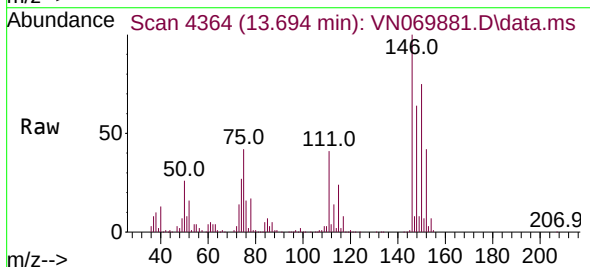
Tgt Ion:146 Resp: 40836
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 65.0 31.6 95.0

Manual Integrations
APPROVED

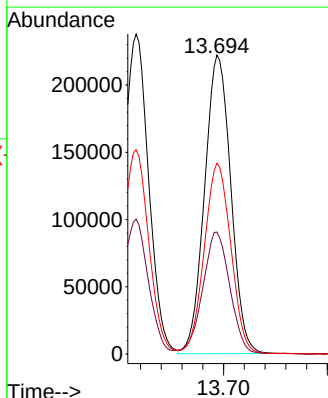
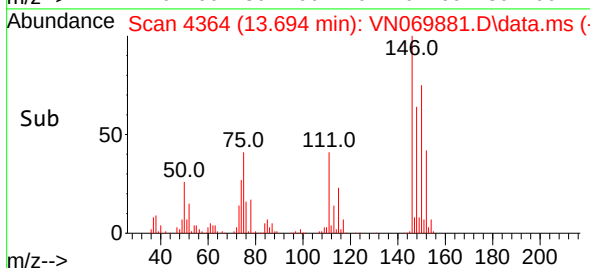
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

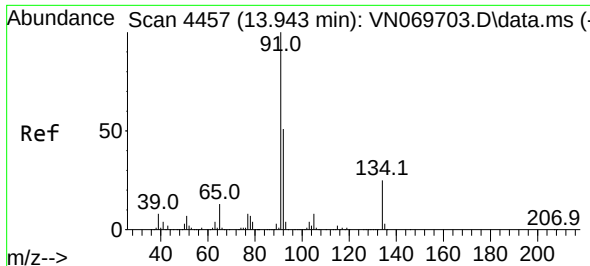


#88
1,4-Dichlorobenzene
Concen: 17.919 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion:146 Resp: 390573
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 64.4 31.8 95.4





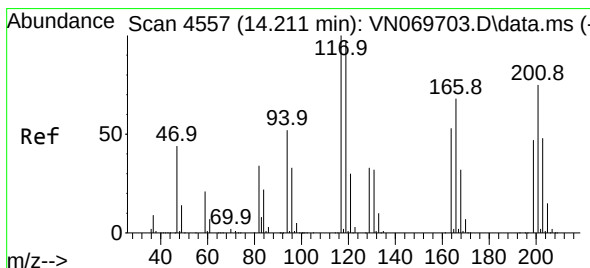
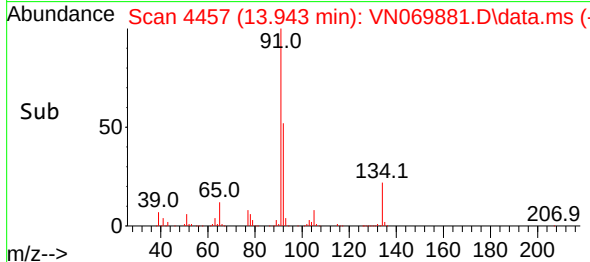
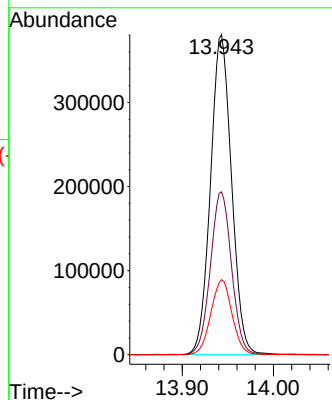
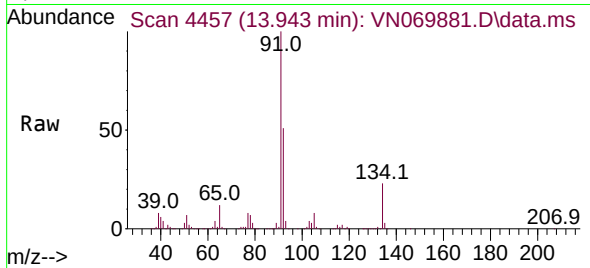
#89
n-Butylbenzene
Concen: 17.303 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 91 Resp: 60963
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 23.6 13.6 40.8

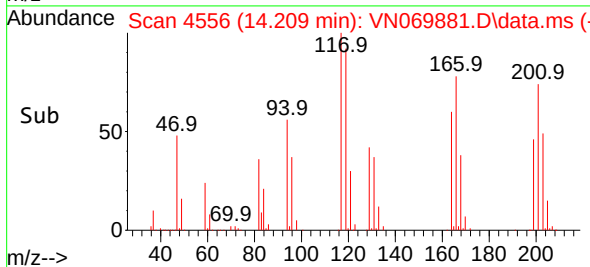
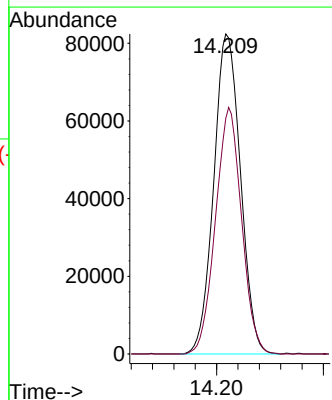
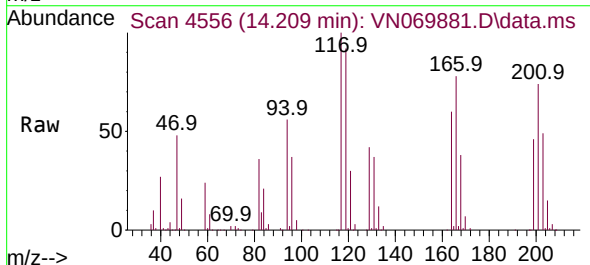
Manual Integrations
APPROVED

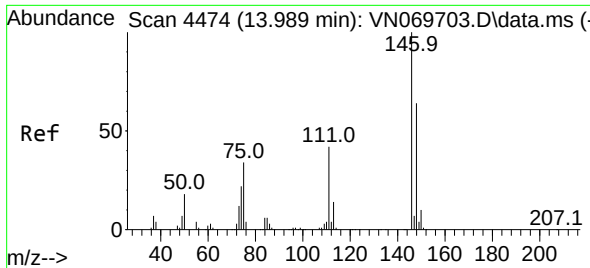
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 18.796 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

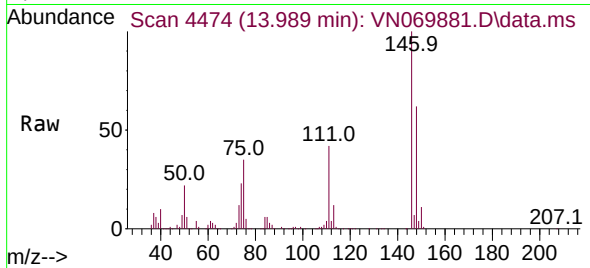
Tgt Ion:117 Resp: 143328
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.664 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

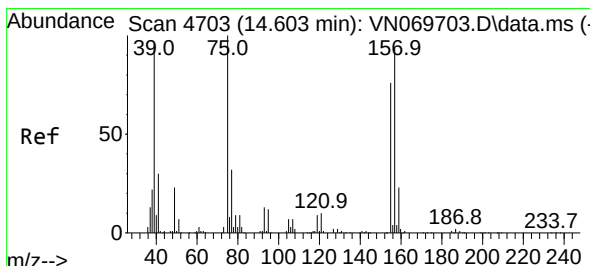
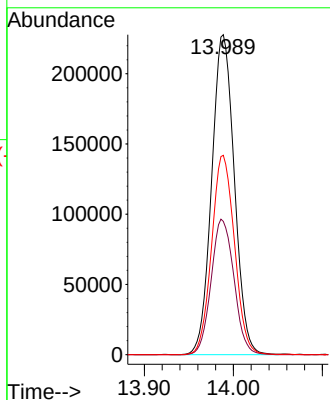
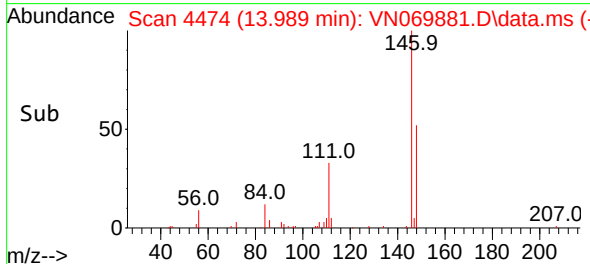
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:146 Resp: 40334
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 62.9 32.1 96.3

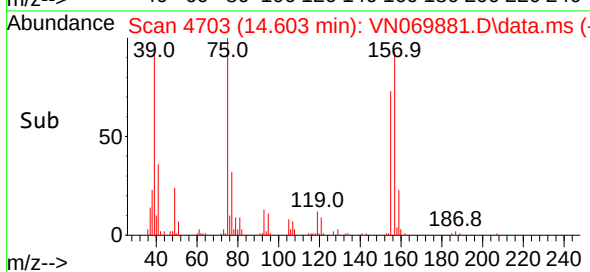
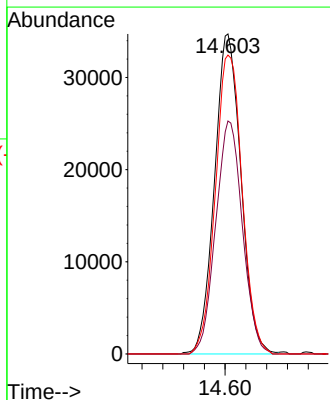
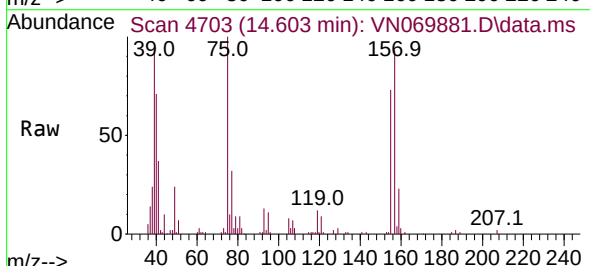
Manual Integrations
APPROVED

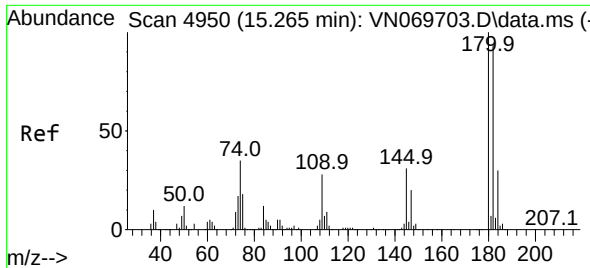
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.107 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

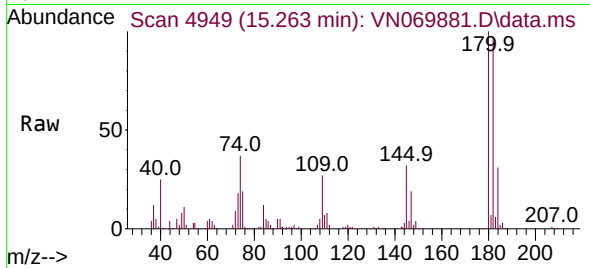
Tgt Ion: 75 Resp: 61440
Ion Ratio Lower Upper
75 100
155 73.5 46.9 140.7
157 94.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.316 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

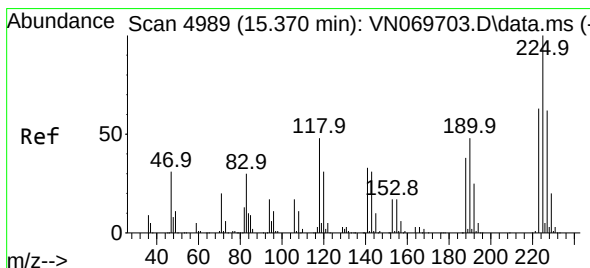
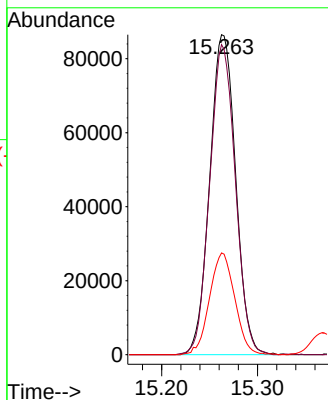
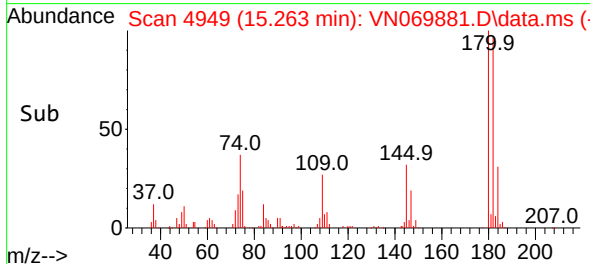
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



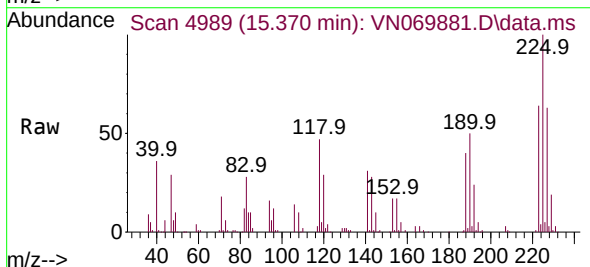
Tgt Ion:180 Resp: 162384
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

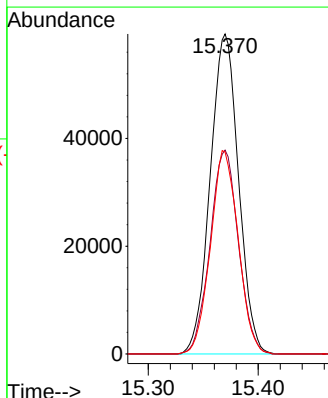
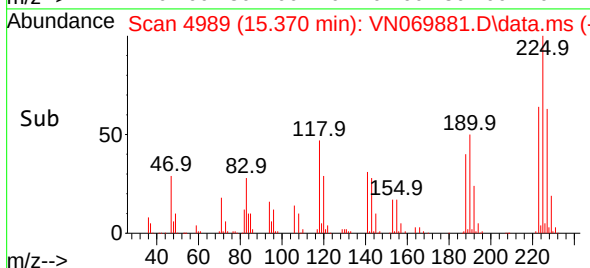
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

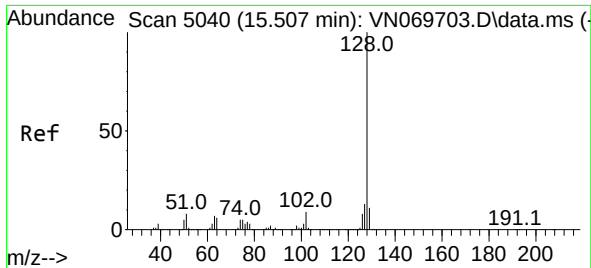


#94
Hexachlorobutadiene
Concen: 18.556 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



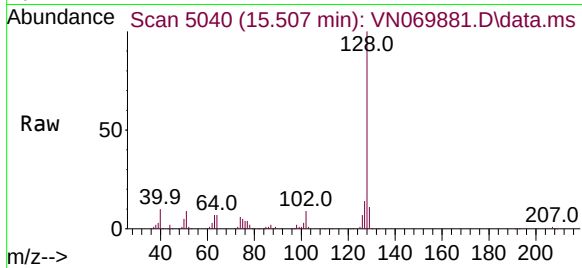
Tgt Ion:225 Resp: 106274
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 62.2 32.1 96.3





#95
Naphthalene
Concen: 16.126 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32

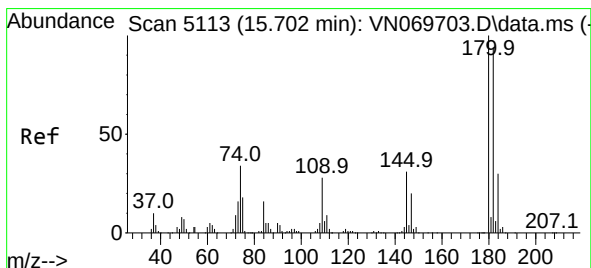
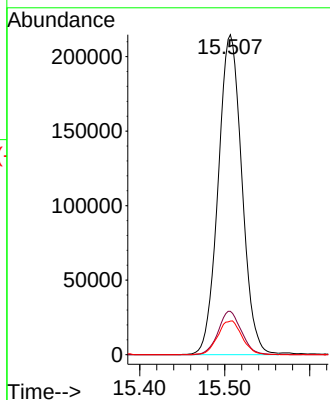
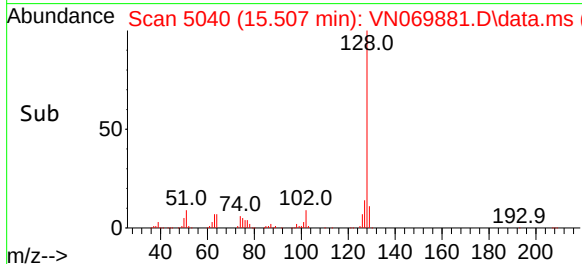
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



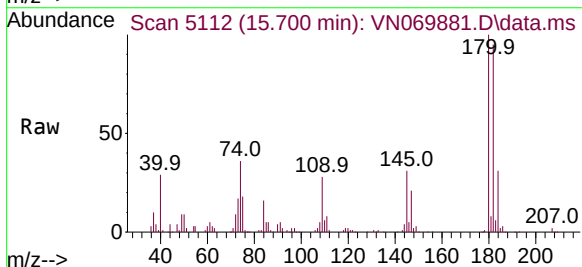
Tgt Ion:128 Resp: 416508
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.161 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069881.D
Acq: 9 Dec 2021 00:32



Tgt Ion:180 Resp: 159902
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.2
145 31.8 15.0 45.1

