

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069668.D
 Acq On : 29 Nov 2021 17:01
 Operator : JC/MD
 Sample : VN1129WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1251830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2003686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1763433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	705700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	892005	49.144	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.280%		
35) Dibromofluoromethane	8.021	113	629911	52.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.840%		
50) Toluene-d8	10.440	98	2338724	49.483	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.731	95	821301	47.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	217507	16.263	ug/l	99
3) Chloromethane	2.306	50	245138	15.805	ug/l	99
4) Vinyl Chloride	2.451	62	242620	15.623	ug/l	99
5) Bromomethane	2.861	94	146311	14.506	ug/l	99
6) Chloroethane	3.027	64	158189	15.091	ug/l	96
7) Trichlorofluoromethane	3.382	101	357706	14.903	ug/l	99
8) Diethyl Ether	3.827	74	148968	19.183	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.208	101	207566	18.359	ug/l	97
10) Methyl Iodide	4.425	142	254375	18.343	ug/l	99
11) Tert butyl alcohol	5.380	59	270430	82.682	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	181395	17.878	ug/l	90
13) Acrolein	4.047	56	33484	67.467	ug/l	100
14) Allyl chloride	4.840	41	417467	18.610	ug/l	94
15) Acrylonitrile	5.557	53	809149	96.606	ug/l	98
16) Acetone	4.291	43	975218	99.581	ug/l	96
17) Carbon Disulfide	4.532	76	310732	12.956	ug/l	100
18) Methyl Acetate	4.859	43	597819	18.779	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	854680	19.905	ug/l	95
20) Methylene Chloride	5.098	84	246254	17.733	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	192692	17.004	ug/l #	81
22) Diisopropyl ether	6.498	45	967704	20.027	ug/l	95
23) Vinyl Acetate	6.436	43	3647086	97.585	ug/l	95
24) 1,1-Dichloroethane	6.388	63	468886	19.051	ug/l	98
25) 2-Butanone	7.337	43	1274606	96.119	ug/l	92
26) 2,2-Dichloropropane	7.327	77	375477	19.499	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	263698	18.771	ug/l	86
28) Bromochloromethane	7.659	49	293532	23.289	ug/l #	81
29) Tetrahydrofuran	7.686	42	785712	96.551	ug/l	88
30) Chloroform	7.820	83	488750	19.370	ug/l	100
31) Cyclohexane	8.094	56	408105	16.458	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	400480	19.015	ug/l	95
36) 1,1-Dichloropropene	8.222	75	317833	18.852	ug/l	96
37) Ethyl Acetate	7.412	43	465160	20.410	ug/l	97
38) Carbon Tetrachloride	8.204	117	317596	19.512	ug/l	99
39) Methylcyclohexane	9.459	83	366719	17.485	ug/l	90
40) Benzene	8.461	78	996935	19.157	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	248581	21.109	ug/l	88
42) 1,2-Dichloroethane	8.531	62	423310	20.774	ug/l	97
43) Isopropyl Acetate	8.563	43	754411	20.608	ug/l	94
44) Trichloroethene	9.217	130	239538	19.233	ug/l	93
45) 1,2-Dichloropropane	9.491	63	286571	20.611	ug/l	98
46) Dibromomethane	9.577	93	181802	19.522	ug/l	93
47) Bromodichloromethane	9.762	83	351287	20.214	ug/l	99
48) Methyl methacrylate	9.558	41	334504	19.422	ug/l	92
49) 1,4-Dioxane	9.569	88	102393	327.337	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2444791	103.467	ug/l	95
52) Toluene	10.505	92	622522	19.202	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	358181	18.517	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	395981	18.710	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	270182	20.674	ug/l	97
56) Ethyl methacrylate	10.760	69	432834	18.906	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	463589	20.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	493195	93.557	ug/l	93
59) 2-Hexanone	11.084	43	1718111	91.324	ug/l	93
60) Dibromochloromethane	11.240	129	244482	18.638	ug/l	99
61) 1,2-Dibromoethane	11.344	107	262281	18.666	ug/l	100
64) Tetrachloroethene	10.977	164	216502	20.333	ug/l	95
65) Chlorobenzene	11.771	112	669839	20.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	247484	21.738	ug/l	99
67) Ethyl Benzene	11.843	91	1229510	20.310	ug/l	96
68) m/p-Xylenes	11.953	106	882649	39.643	ug/l	92
69) o-Xylene	12.280	106	442309	19.927	ug/l	91
70) Styrene	12.294	104	709966	18.793	ug/l	96
71) Bromoform	12.457	173	167471	19.207	ug/l #	99
73) Isopropylbenzene	12.578	105	1199229	21.343	ug/l	99
74) N-amyl acetate	12.388	43	457802	19.225	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	413812	21.836	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	351324m	21.572	ug/l	
77) Bromobenzene	12.860	156	271757	21.148	ug/l	80
78) n-propylbenzene	12.921	91	1340046	21.195	ug/l	96
79) 2-Chlorotoluene	13.007	91	816632	20.861	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	1013163	22.305	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	89445	20.243	ug/l	84
82) 4-Chlorotoluene	13.104	91	760885	20.389	ug/l	92
83) tert-Butylbenzene	13.324	119	845960	21.252	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	1183673	26.993	ug/l	98
85) sec-Butylbenzene	13.501	105	1149417	20.671	ug/l	98
86) p-Isopropyltoluene	13.616	119	898833	20.362	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	452760	20.322	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	434862	19.896	ug/l	95
89) n-Butylbenzene	13.943	91	712380	19.353	ug/l	98
90) Hexachloroethane	14.211	117	151565	20.035	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	452369	21.338	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66237	19.921	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	186882	18.890	ug/l	98
94) Hexachlorobutadiene	15.370	225	123996	22.510	ug/l	97
95) Naphthalene	15.507	128	1086551	36.047	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	182670	19.277	ug/l	98

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ClientSampleId :
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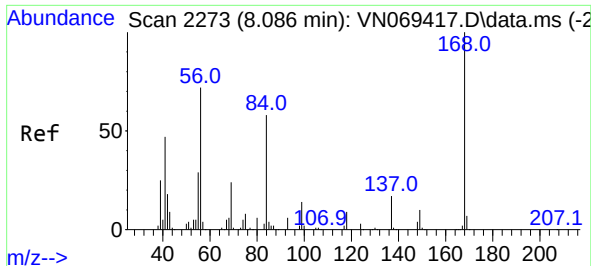
Manual Integrations
APPROVED

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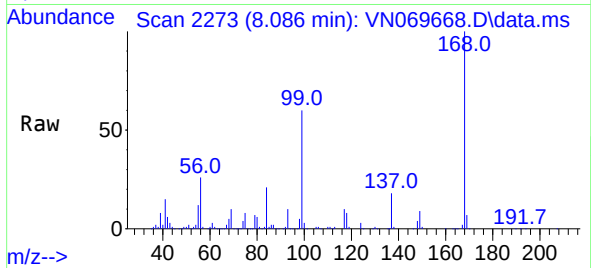
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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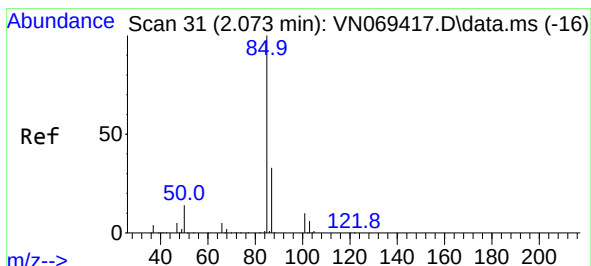
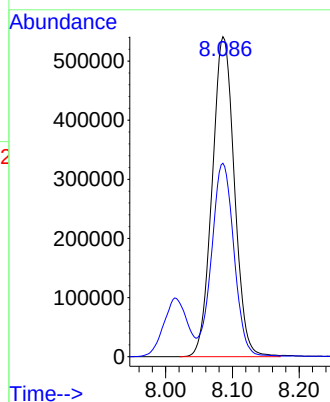
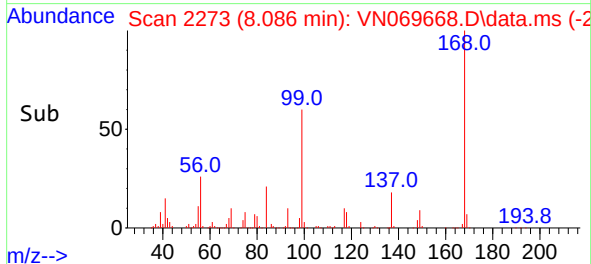
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 1251830
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

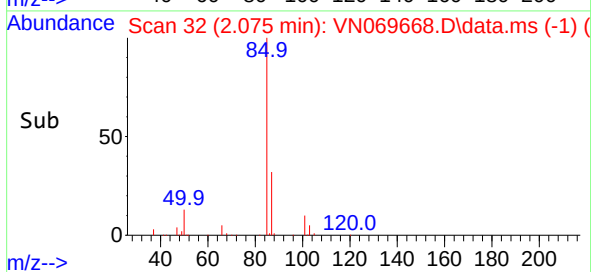
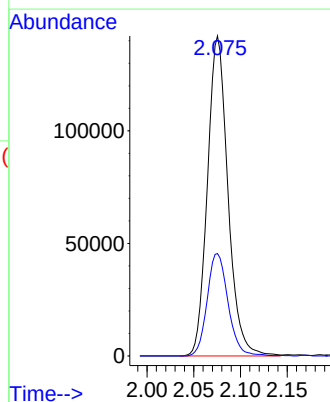
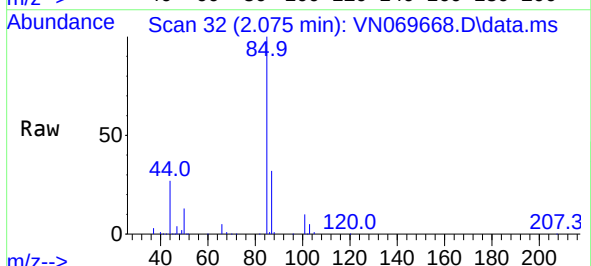
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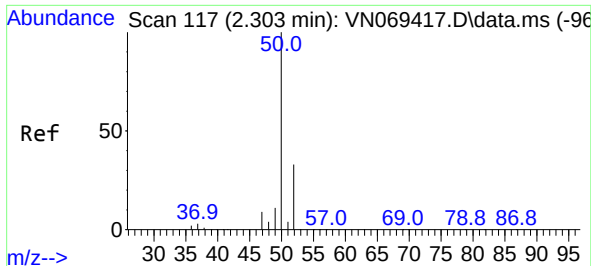
Reviewed By :John Carlone 11/30/2021
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#2
Dichlorodifluoromethane
Concen: 16.263 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

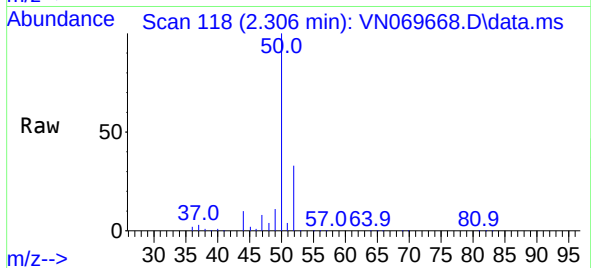
Tgt Ion: 85 Resp: 217507
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 15.805 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

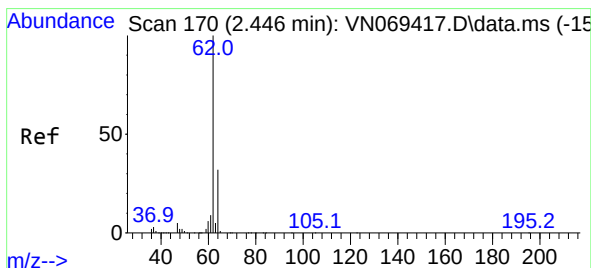
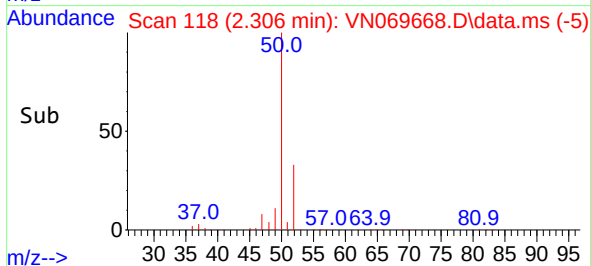
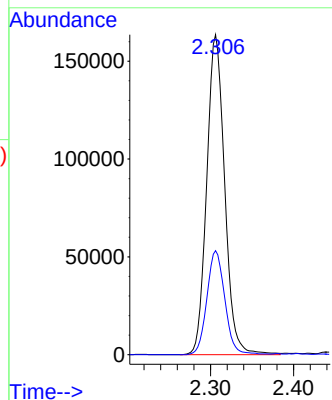
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Tgt Ion: 50 Resp: 245138
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

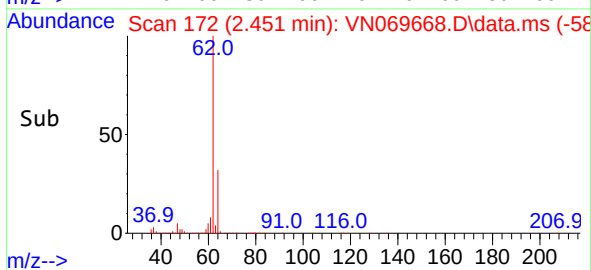
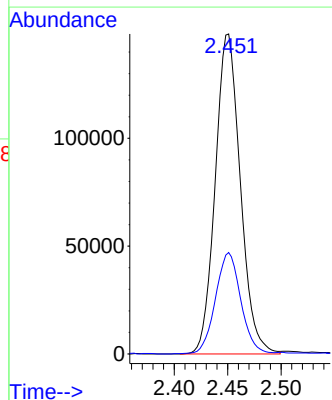
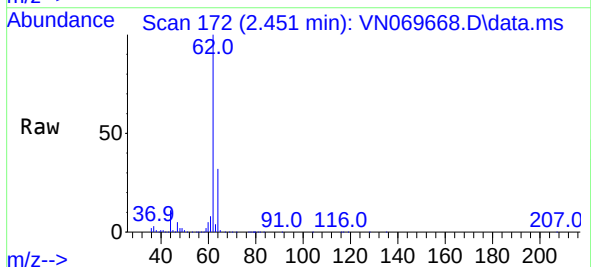
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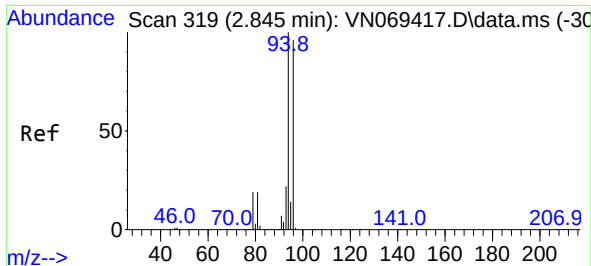
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#4
Vinyl Chloride
Concen: 15.623 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

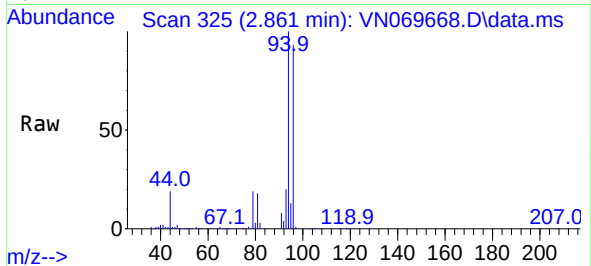
Tgt Ion: 62 Resp: 242620
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 14.506 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

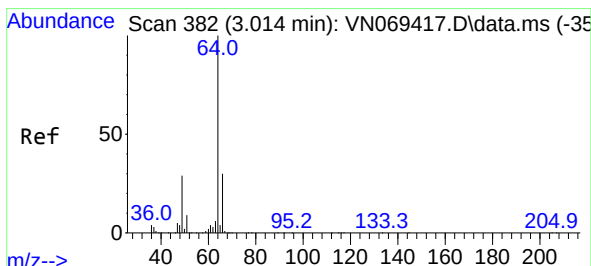
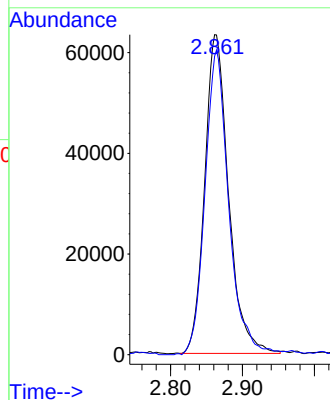
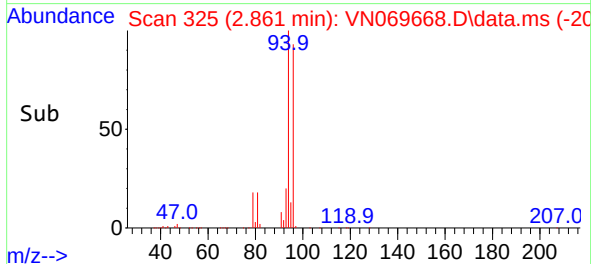
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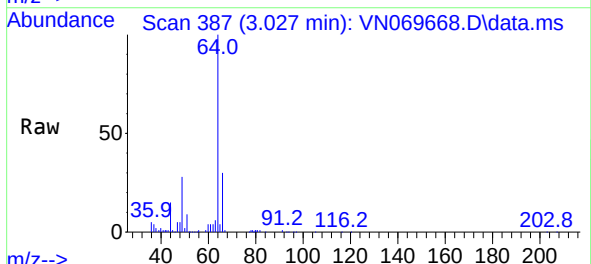
Tgt Ion: 94 Resp: 14631
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.8

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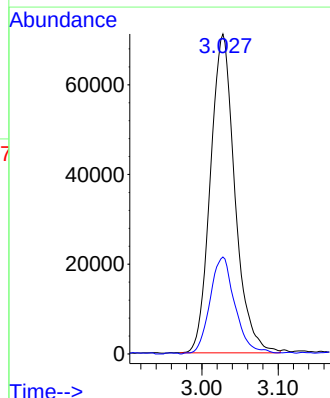
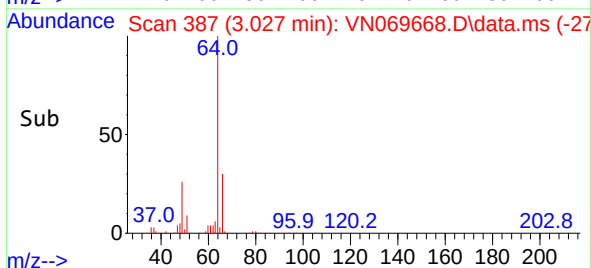
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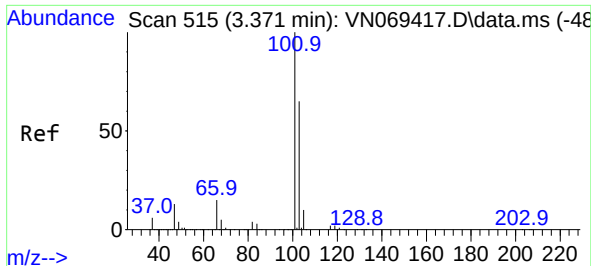


#6
Chloroethane
Concen: 15.091 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.013 min
Lab File: VN069668.D
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Tgt Ion: 64 Resp: 158189
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





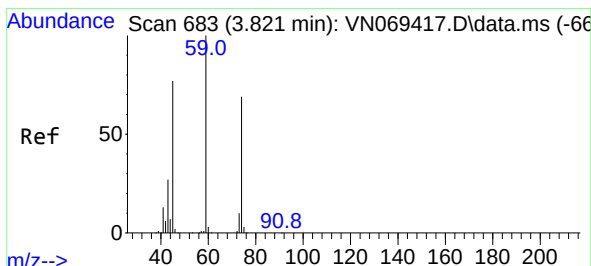
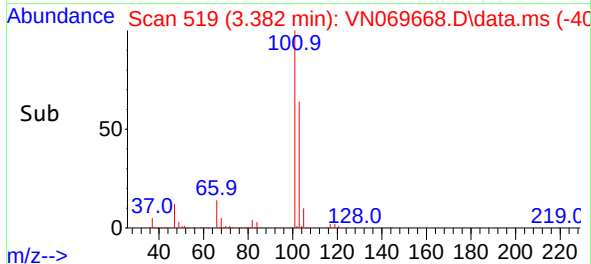
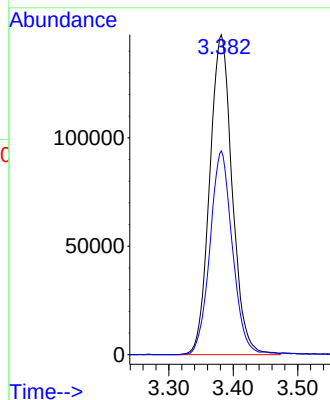
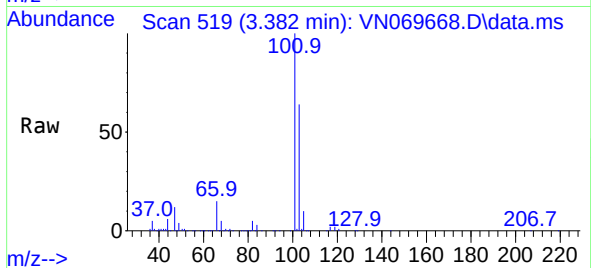
#7
Trichlorofluoromethane
Concen: 14.903 ug/l
RT: 3.382 min Scan# 515
Delta R.T. 0.010 min
Lab File: VN069668.D
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Instrument :
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Tgt Ion:101 Resp: 357700
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

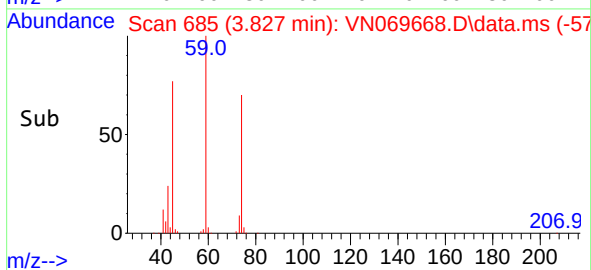
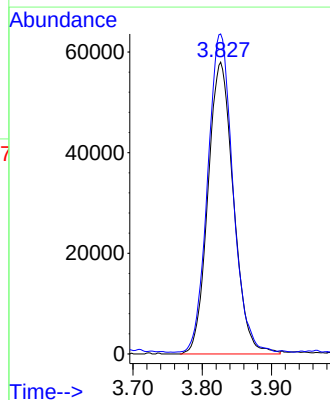
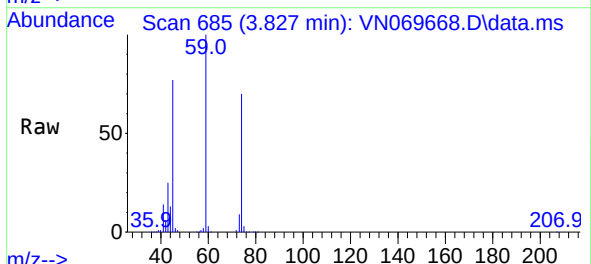
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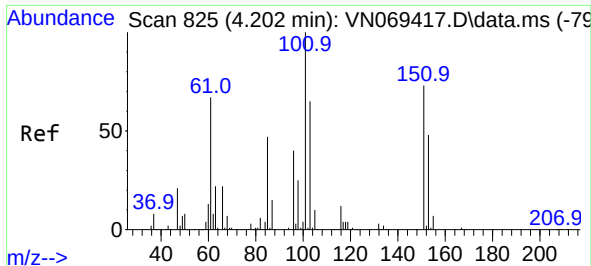
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#8
Diethyl Ether
Concen: 19.183 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN069668.D
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Tgt Ion: 74 Resp: 148968
Ion Ratio Lower Upper
74 100
45 107.0 47.0 141.2





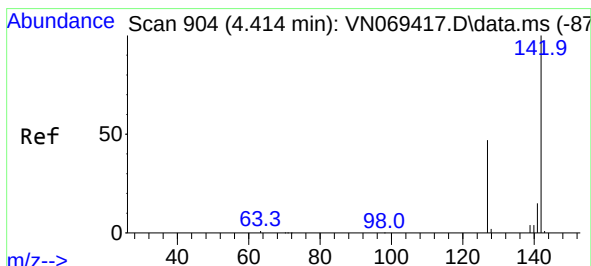
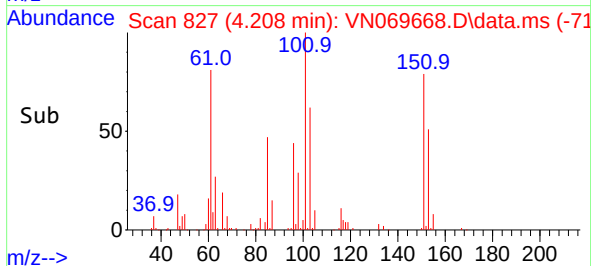
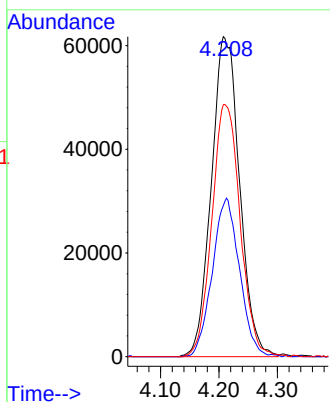
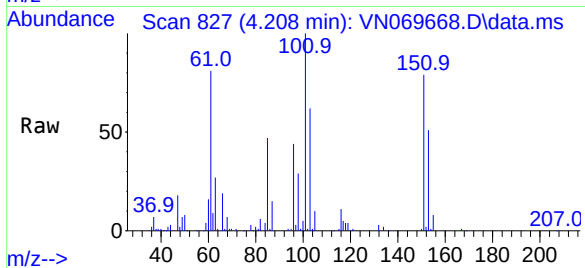
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.359 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:101 Resp: 20756
Ion Ratio Lower Upper
101 100
85 47.6 37.2 55.8
151 79.0 65.9 98.9

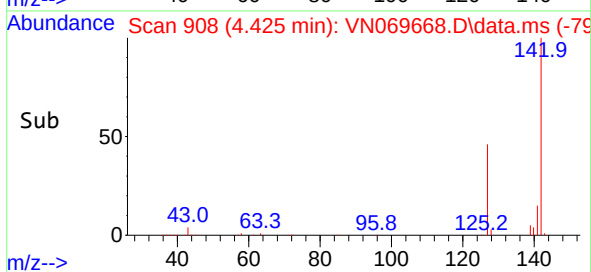
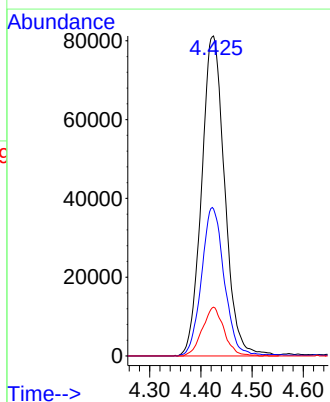
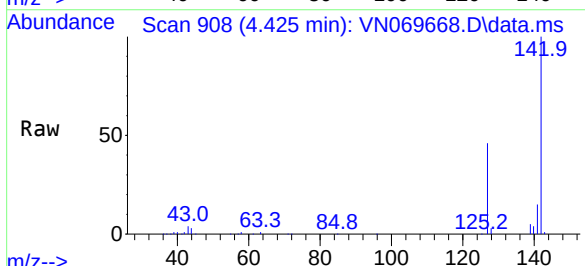
Manual Integrations
APPROVED

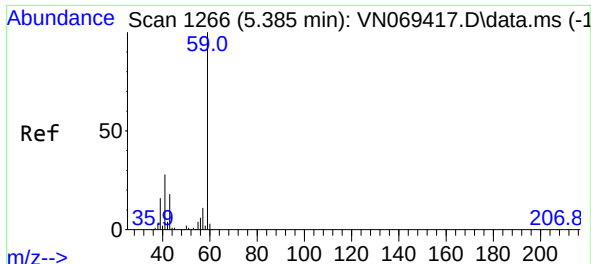
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 18.343 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

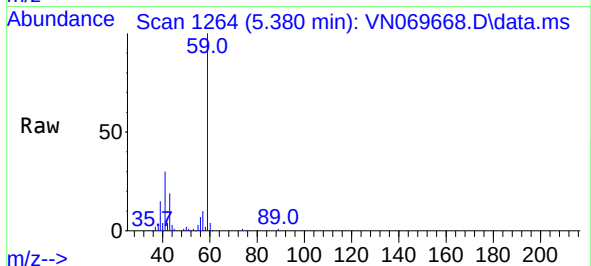
Tgt Ion:142 Resp: 254375
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.682 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

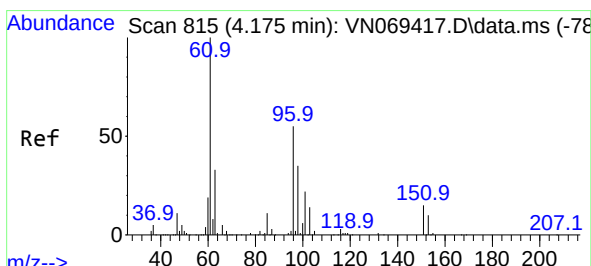
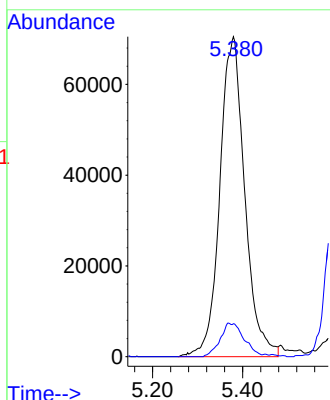
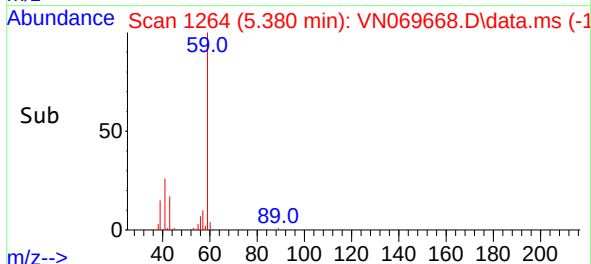
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 59 Resp: 270430
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1

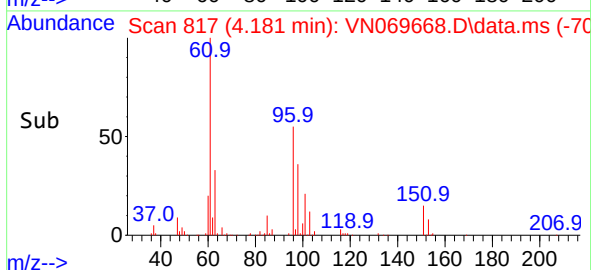
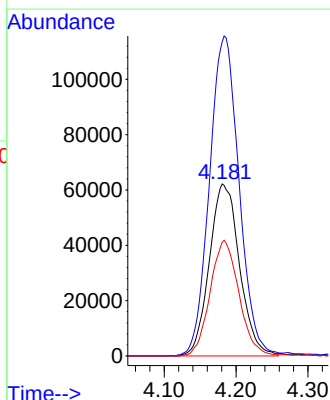
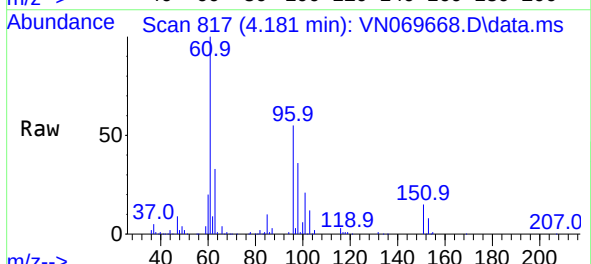
Manual Integrations
APPROVED

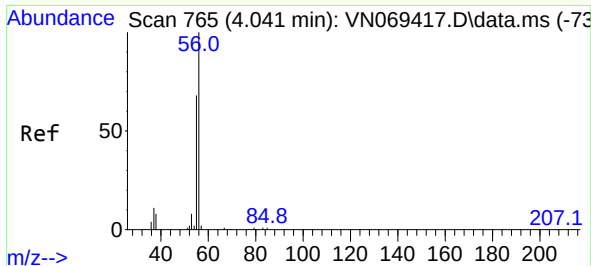
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#12
1,1-Dichloroethene
Concen: 17.878 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

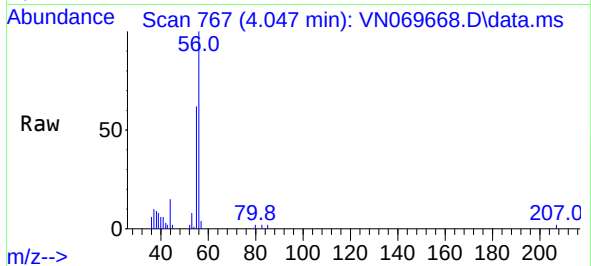
Tgt Ion: 96 Resp: 181395
Ion Ratio Lower Upper
96 100
61 182.0 131.0 196.6
98 66.2 52.4 78.6





#13
Acrolein
Concen: 67.467 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.006 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

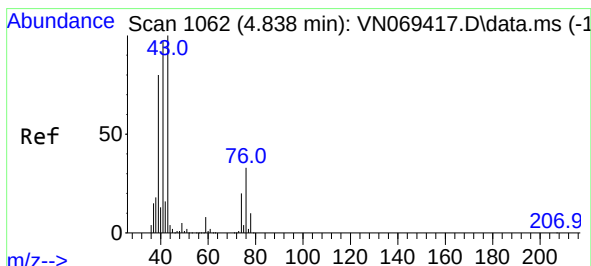
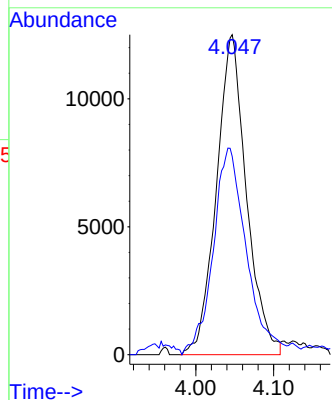
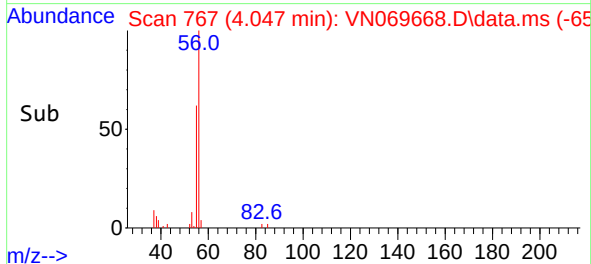
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



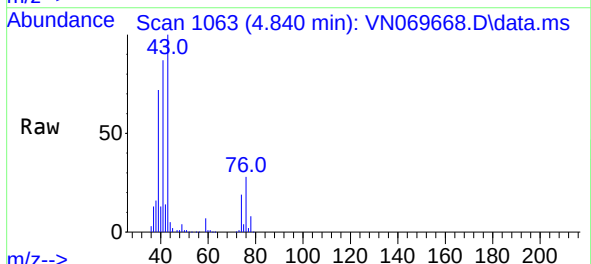
Tgt Ion: 56 Resp: 33484
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

Manual Integrations
APPROVED

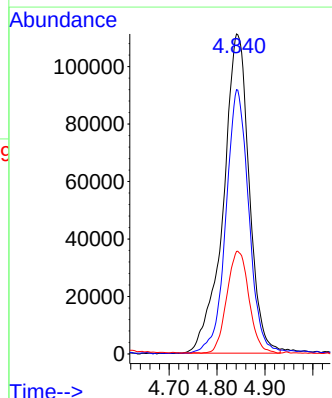
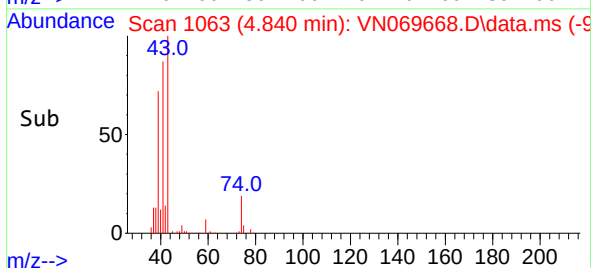
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

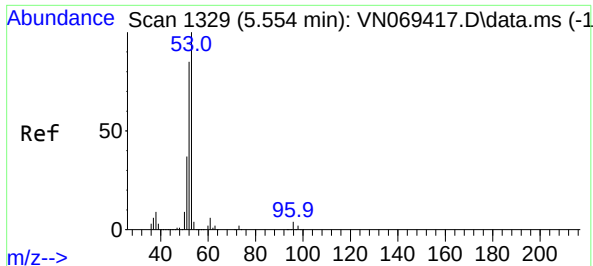


#14
Allyl chloride
Concen: 18.610 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



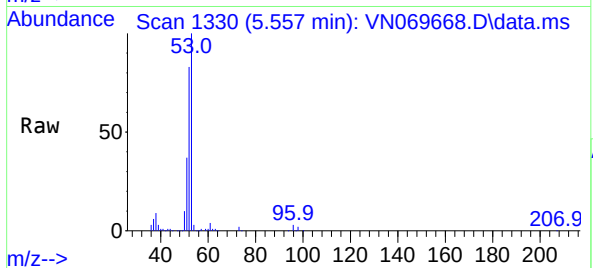
Tgt Ion: 41 Resp: 417467
Ion Ratio Lower Upper
41 100
39 73.0 61.2 91.8
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 96.606 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

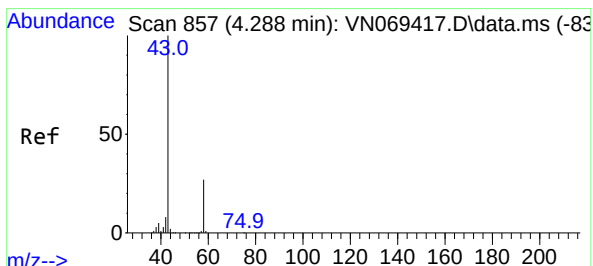
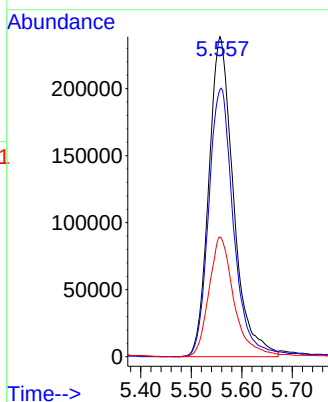
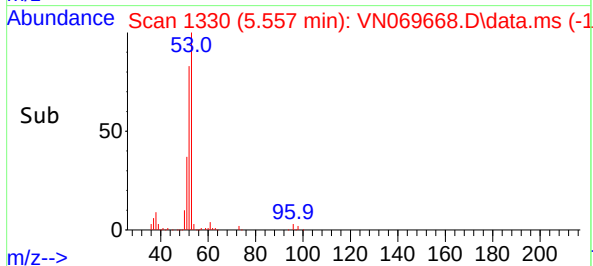
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 53 Resp: 809149
Ion Ratio Lower Upper
53 100
52 85.0 66.2 99.2
51 38.2 29.6 44.4

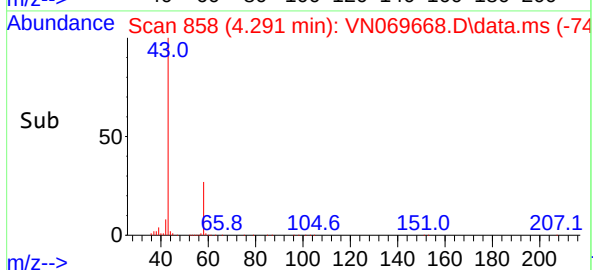
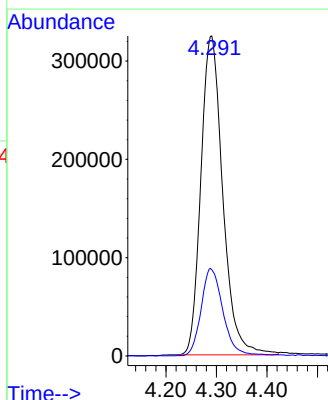
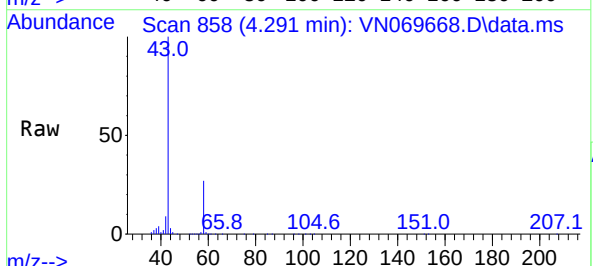
Manual Integrations
APPROVED

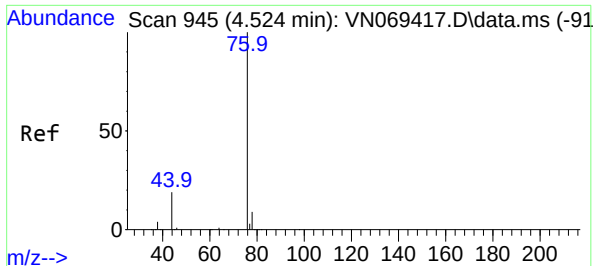
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 99.581 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

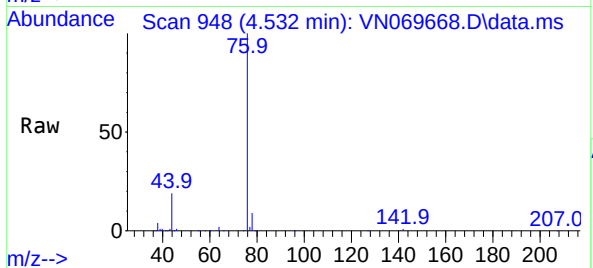
Tgt Ion: 43 Resp: 975218
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 12.956 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

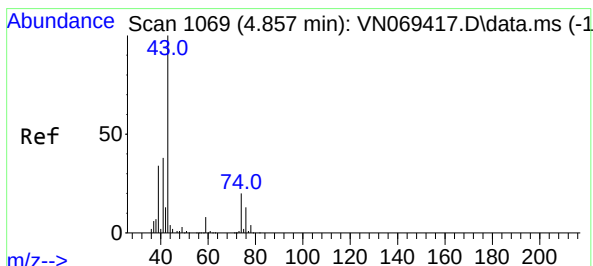
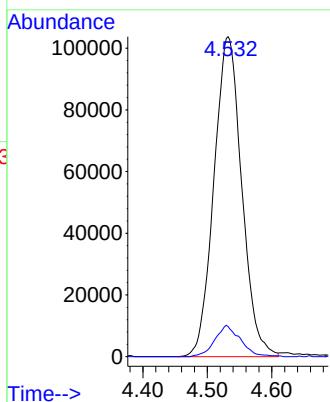
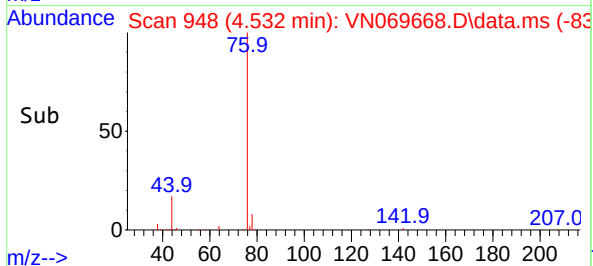
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



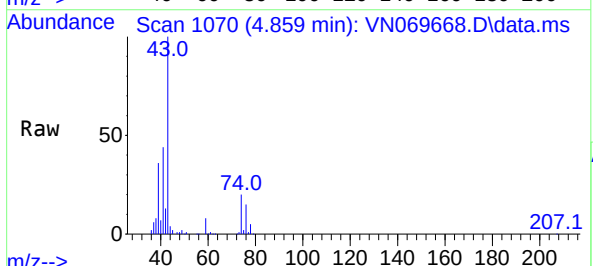
Tgt Ion: 76 Resp: 31073
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
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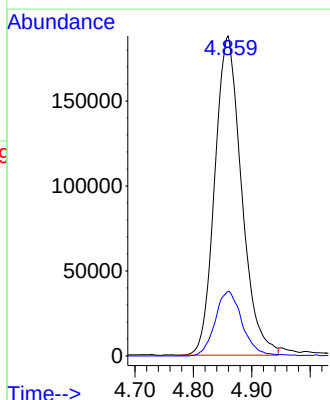
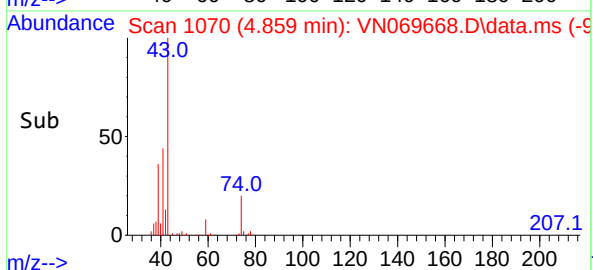
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

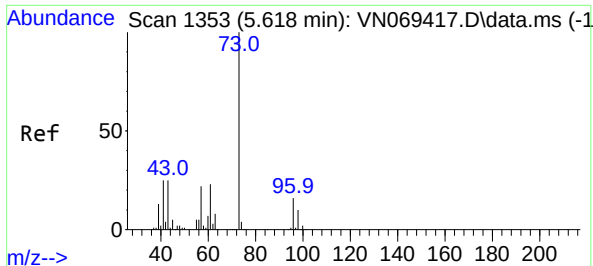


#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



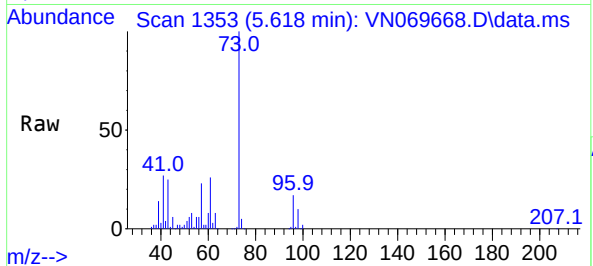
Tgt Ion: 43 Resp: 597819
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.905 ug/l
RT: 5.618 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

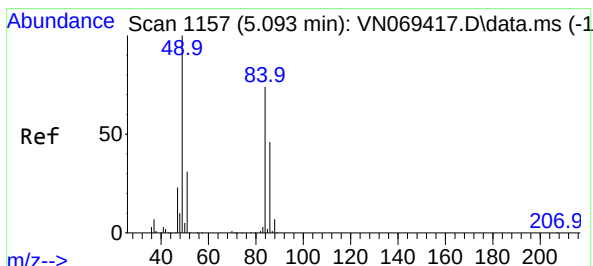
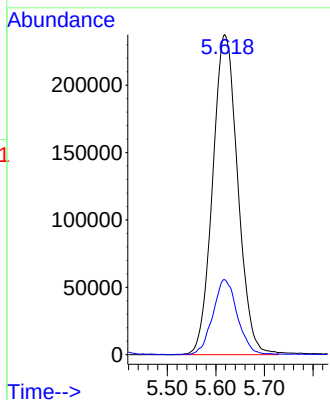
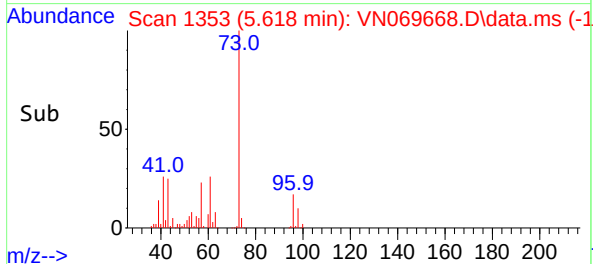
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 73 Resp: 854680
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

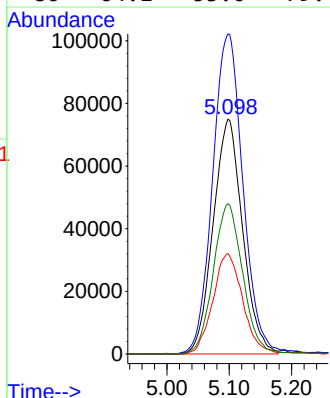
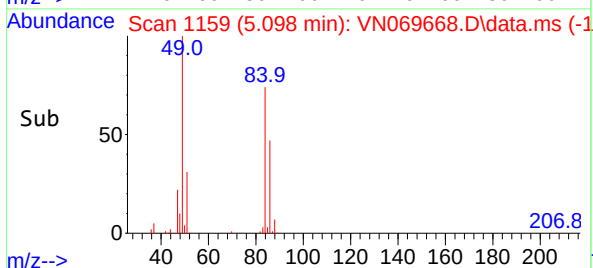
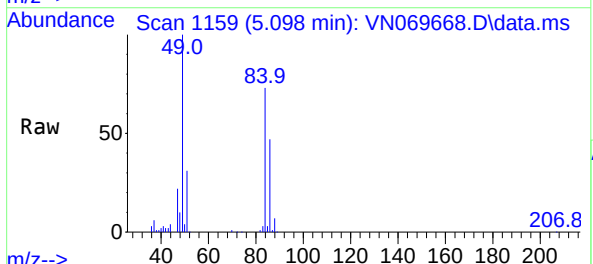
Manual Integrations
APPROVED

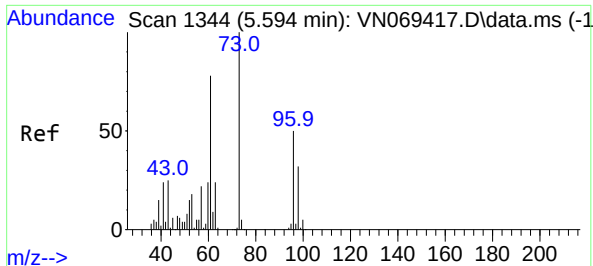
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#20
Methylene Chloride
Concen: 17.733 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

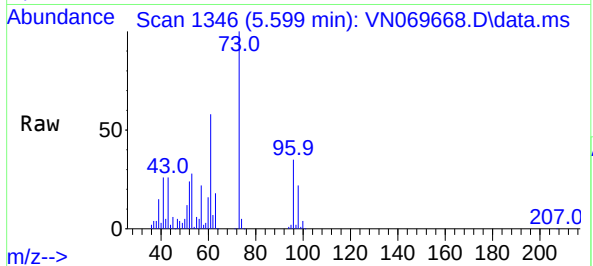
Tgt Ion: 84 Resp: 246254
Ion Ratio Lower Upper
84 100
49 136.4 93.5 140.3
51 42.5 29.4 44.2
86 64.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.004 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

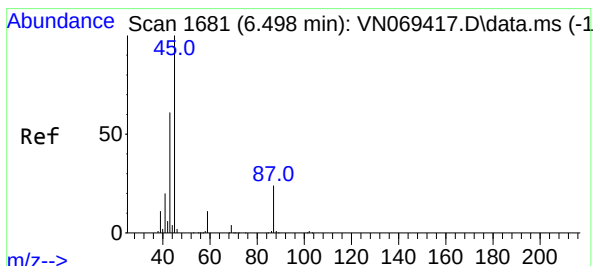
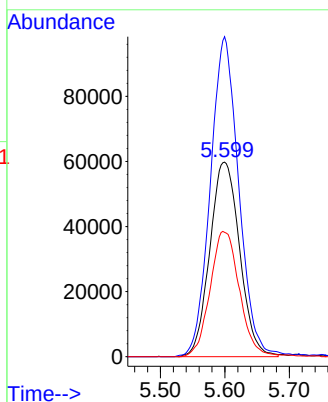
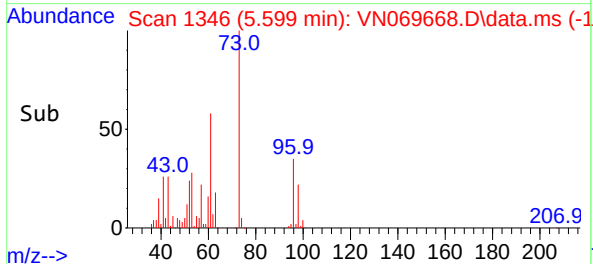
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 96 Resp: 192692
Ion Ratio Lower Upper
96 100
61 163.9 105.8 158.6
98 63.9 52.0 78.0

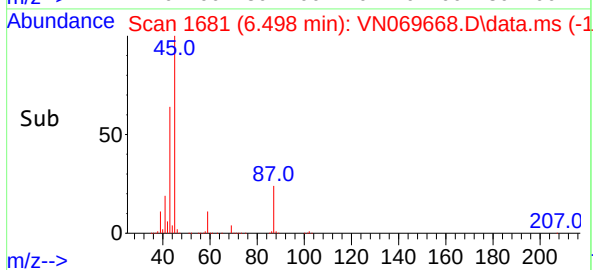
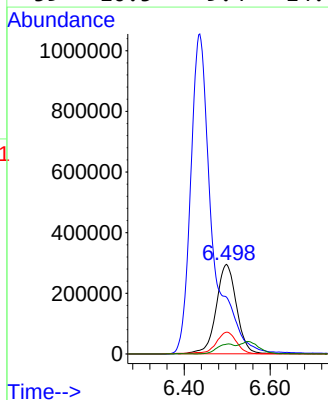
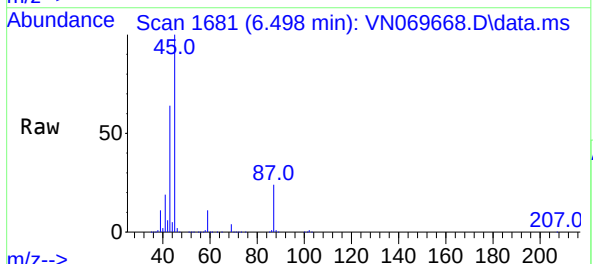
Manual Integrations
APPROVED

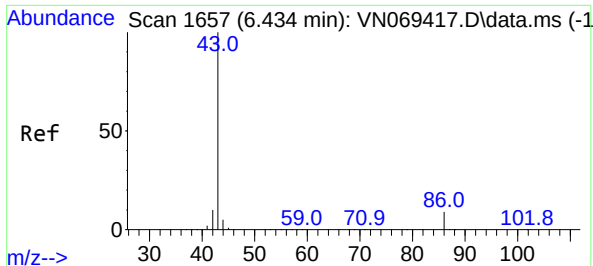
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#22
Diisopropyl ether
Concen: 20.027 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

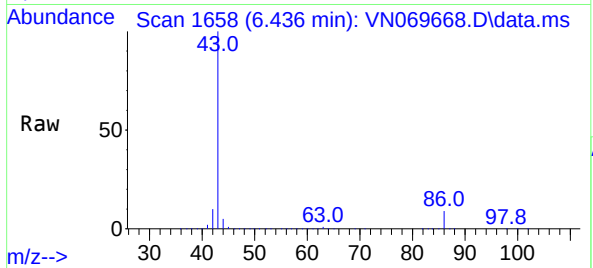
Tgt Ion: 45 Resp: 967704
Ion Ratio Lower Upper
45 100
43 61.6 51.7 77.5
87 24.2 23.2 34.8
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 97.585 ug/l
 RT: 6.436 min Scan# 1640
 Delta R.T. 0.002 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01

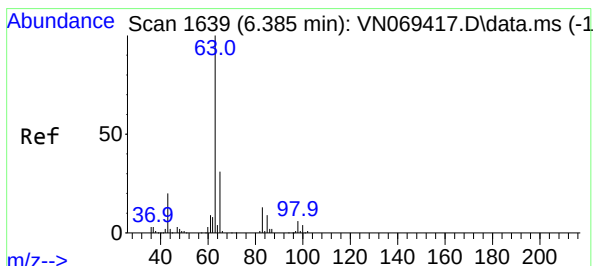
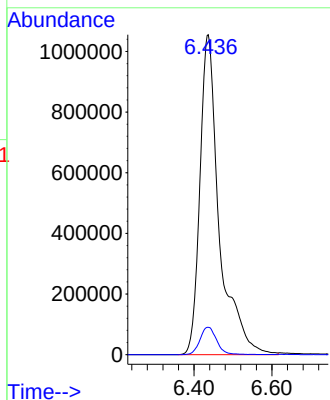
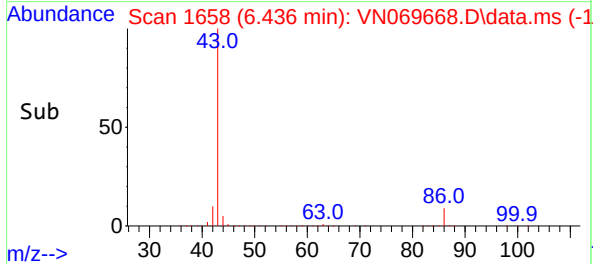
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01



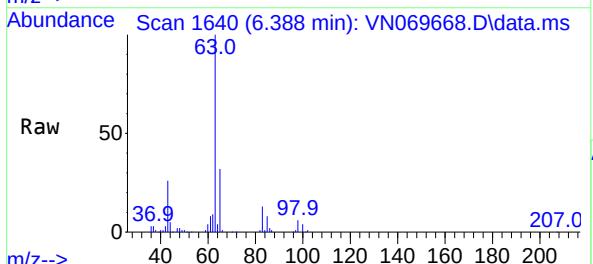
Tgt Ion: 43 Resp: 3647086
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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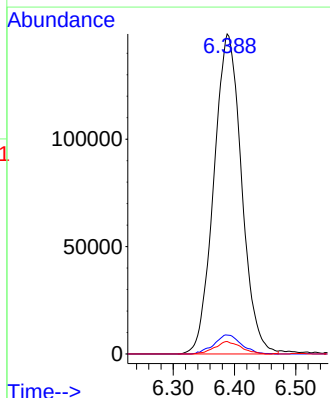
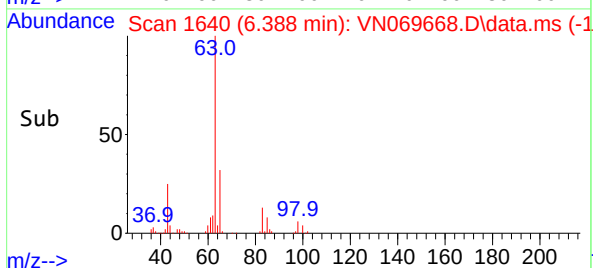
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

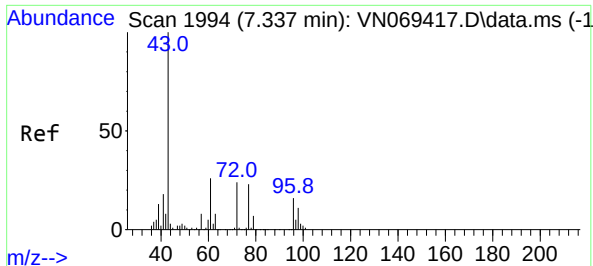


#24
 1,1-Dichloroethane
 Concen: 19.051 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01



Tgt Ion: 63 Resp: 468886
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.9 2.1 6.5





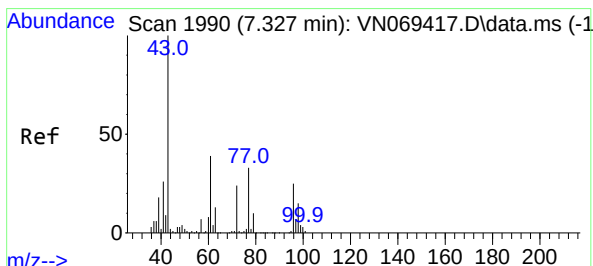
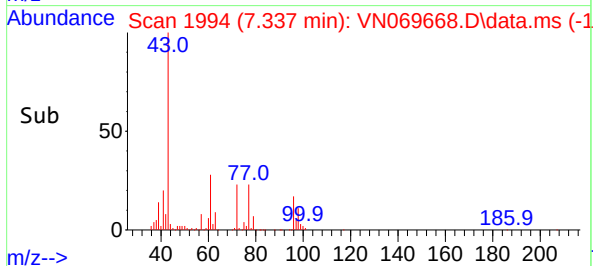
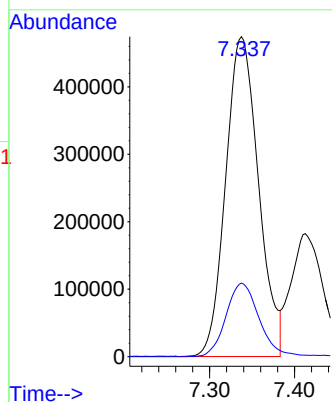
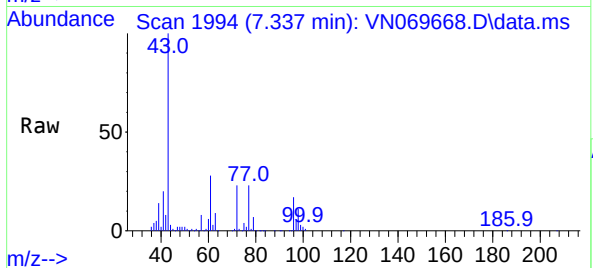
#25
2-Butanone
Concen: 96.119 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 1274600
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

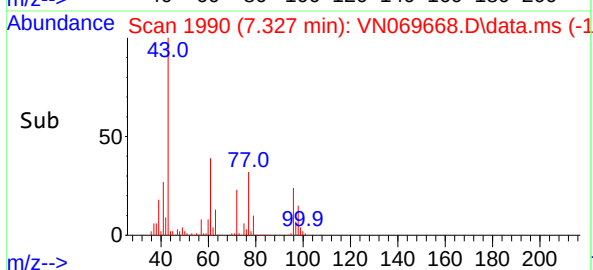
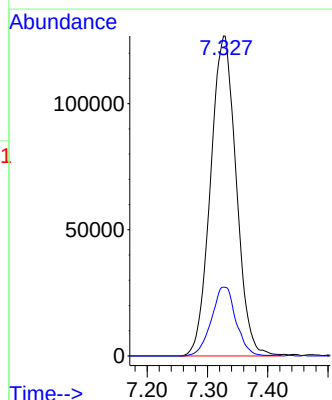
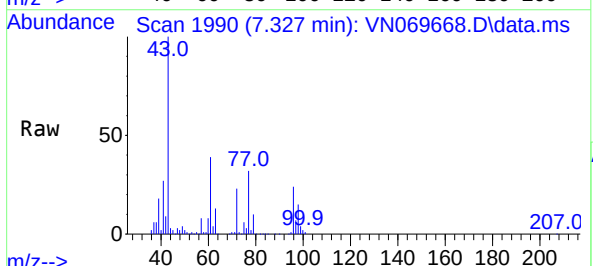
Manual Integrations
APPROVED

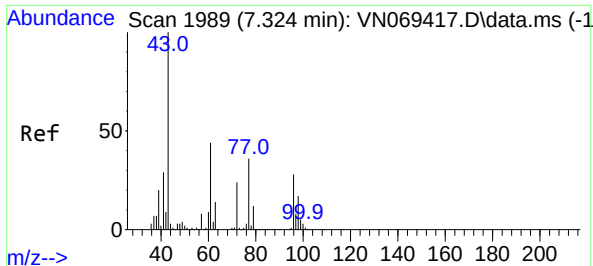
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#26
2,2-Dichloropropane
Concen: 19.499 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

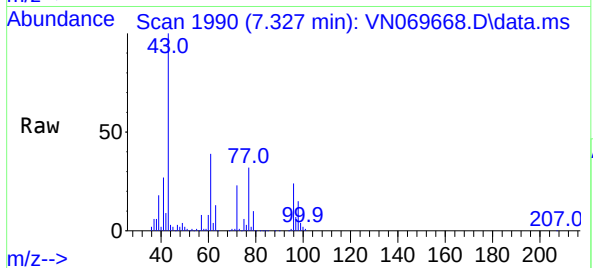
Tgt Ion: 77 Resp: 375477
Ion Ratio Lower Upper
77 100
97 20.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.771 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

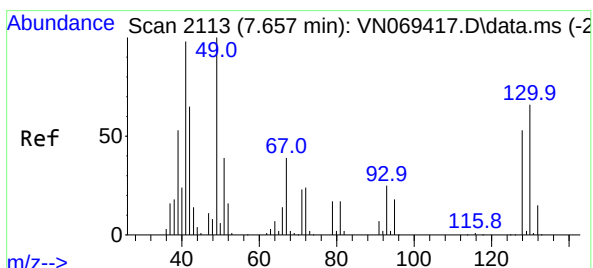
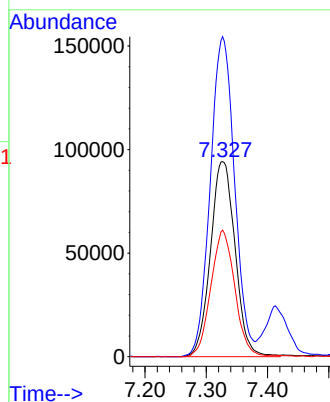
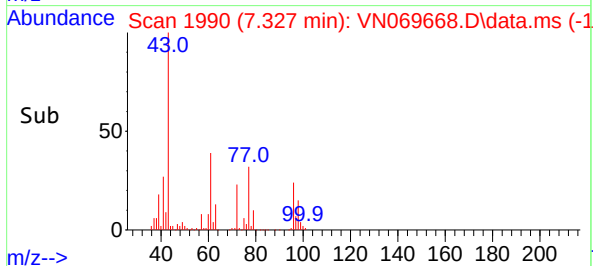
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 96 Resp: 263698
Ion Ratio Lower Upper
96 100
61 161.5 0.0 275.0
98 62.8 0.0 129.6

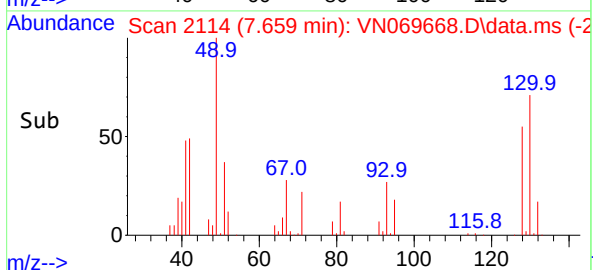
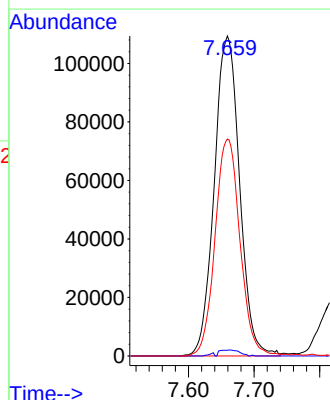
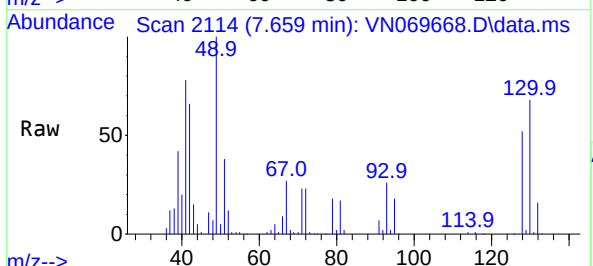
Manual Integrations
APPROVED

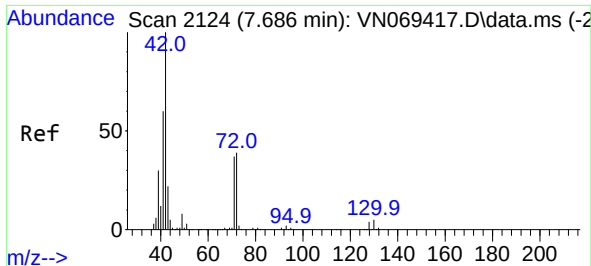
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#28
Bromochloromethane
Concen: 23.289 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

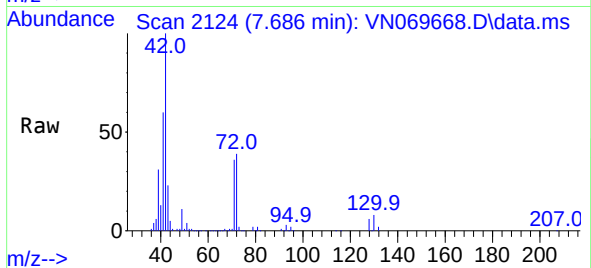
Tgt Ion: 49 Resp: 293532
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 66.8 67.8 101.8#





#29
Tetrahydrofuran
Concen: 96.551 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

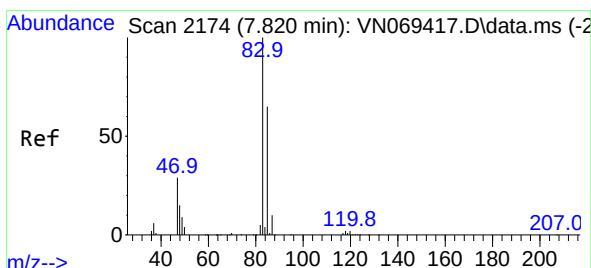
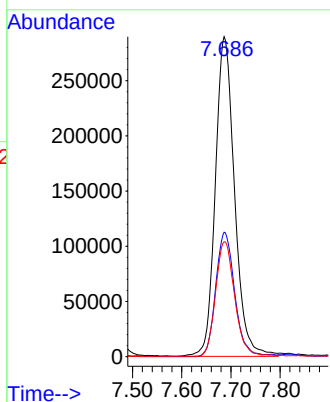
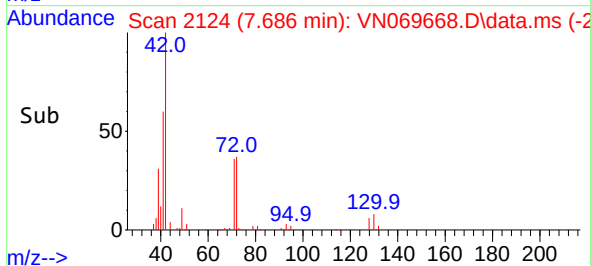
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



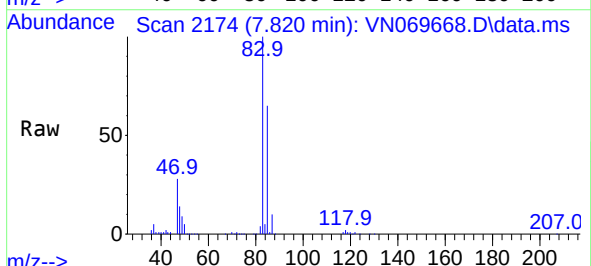
Tgt Ion: 42 Resp: 78571
Ion Ratio Lower Upper
42 100
72 38.0 36.3 54.5
71 35.7 34.7 52.1

Manual Integrations
APPROVED

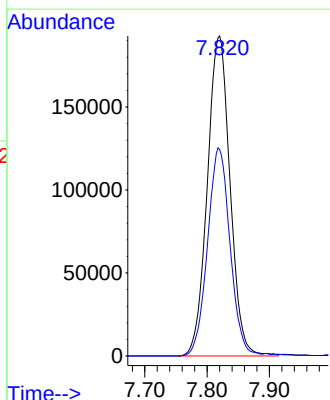
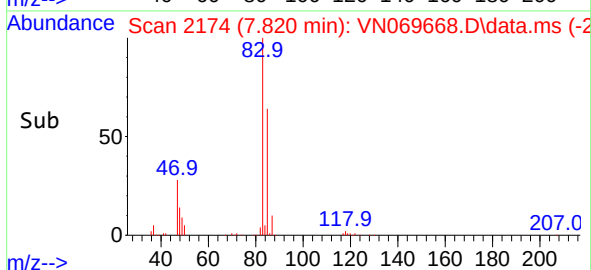
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

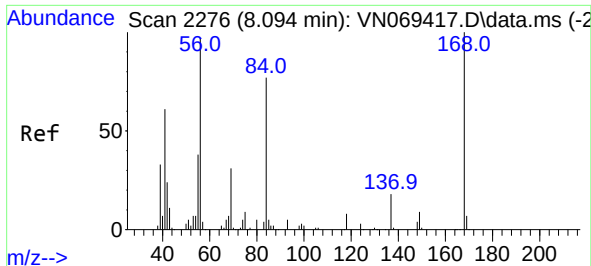


#30
Chloroform
Concen: 19.370 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



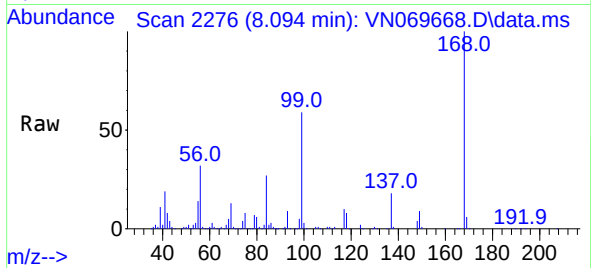
Tgt Ion: 83 Resp: 488750
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 16.458 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

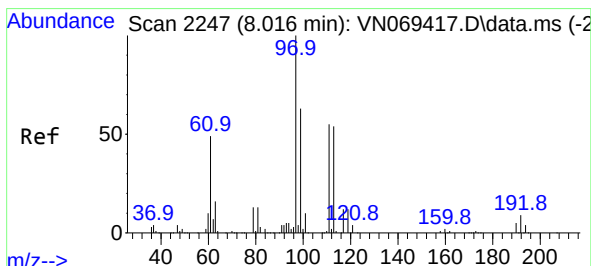
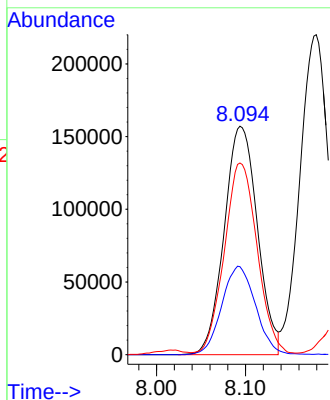
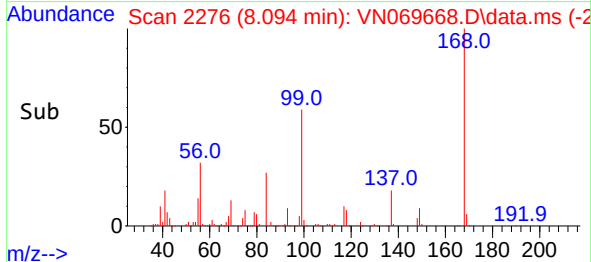
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



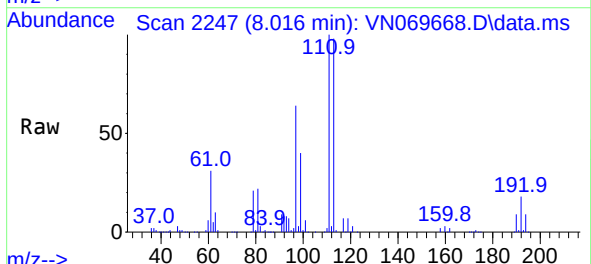
Tgt Ion: 56 Resp: 40810
Ion Ratio Lower Upper
56 100
69 38.6 27.1 40.7
84 82.1 73.4 110.0

Manual Integrations
APPROVED

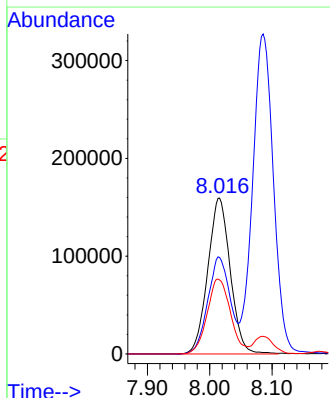
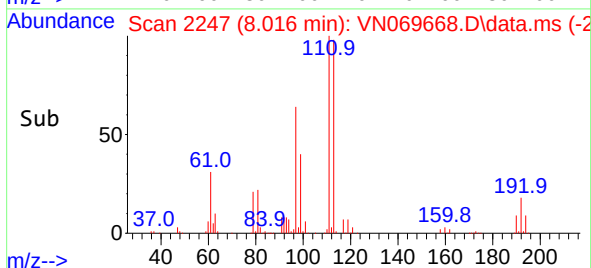
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

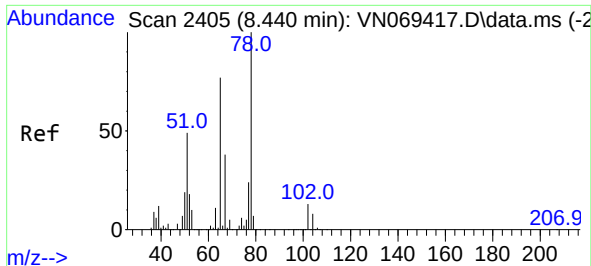


#32
1,1,1-Trichloroethane
Concen: 19.015 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion: 97 Resp: 400480
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.144 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 65 Resp: 892000

Ion Ratio Lower Upper

65 100

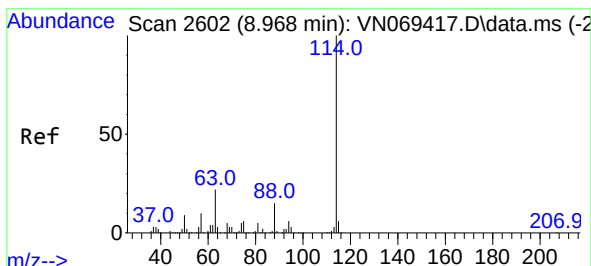
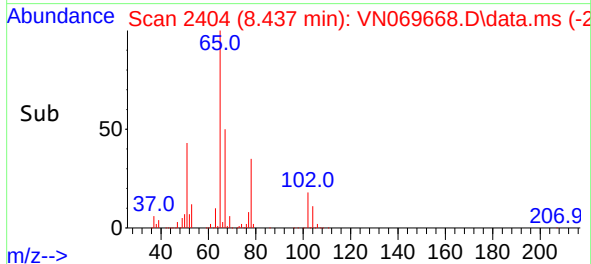
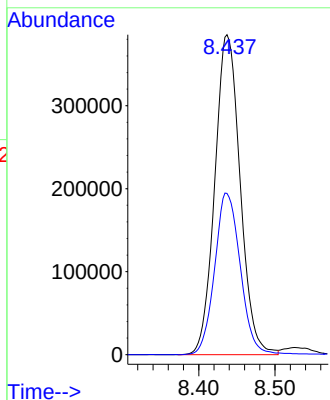
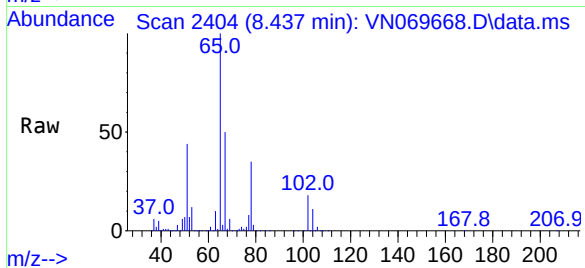
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

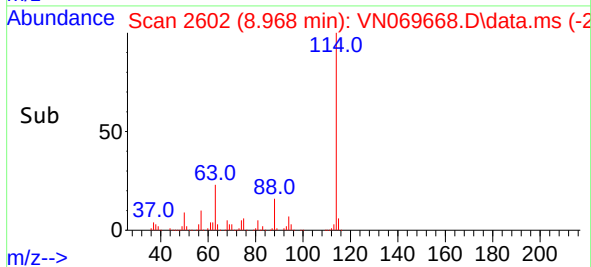
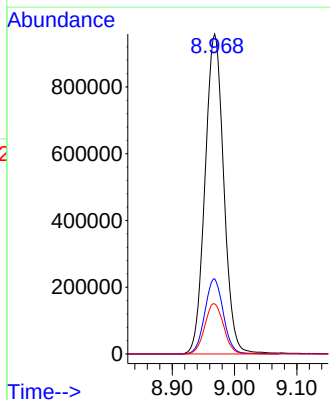
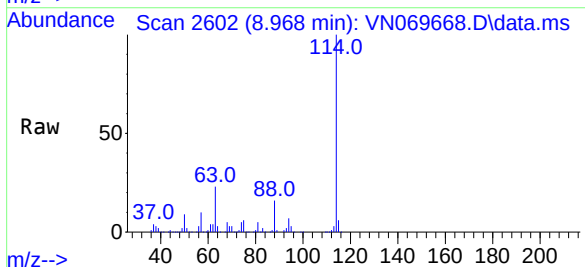
Tgt Ion:114 Resp: 2003686

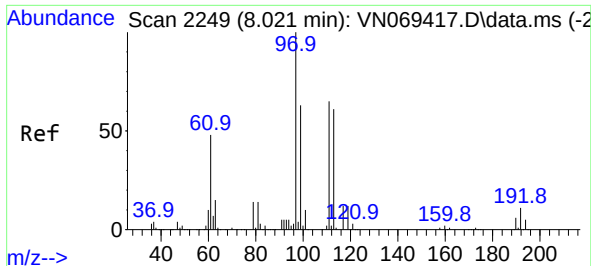
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

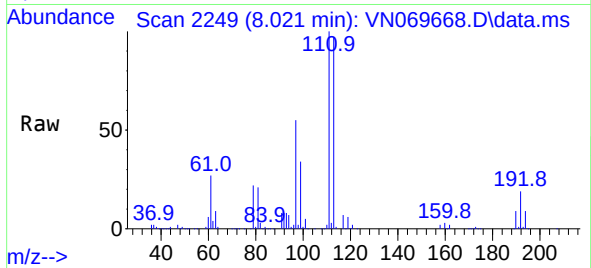
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.417 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

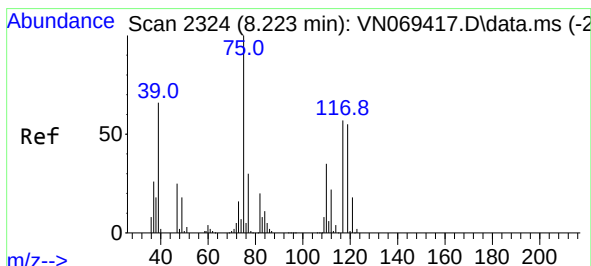
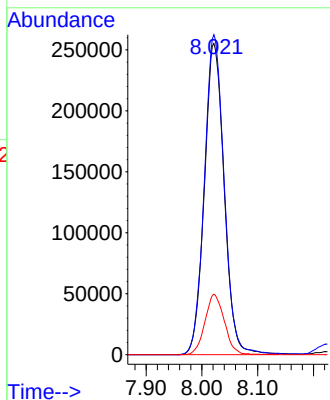
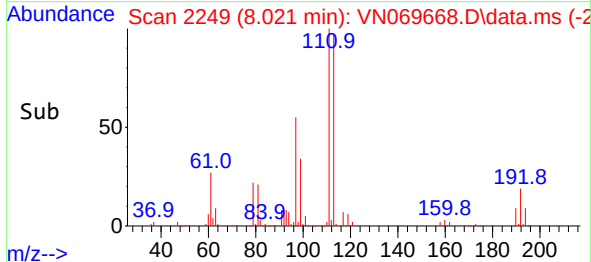
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 113 Resp: 62991
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.0 16.9 25.3

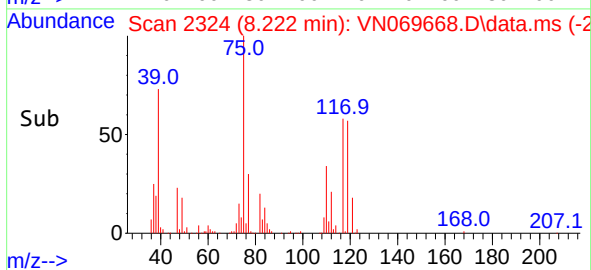
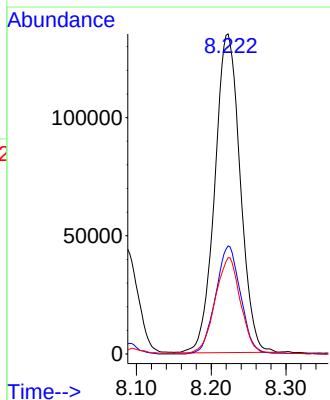
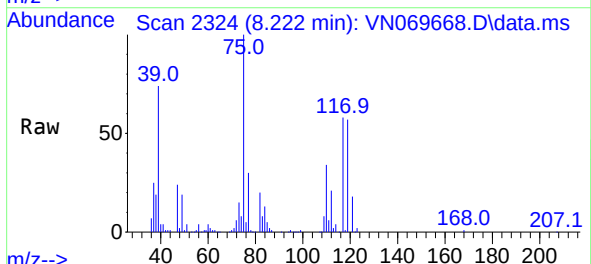
Manual Integrations
APPROVED

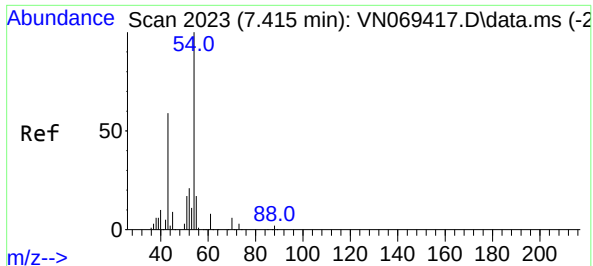
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#36
1,1-Dichloropropene
Concen: 18.852 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion: 75 Resp: 317833
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 29.7 24.4 36.6





#37

Ethyl Acetate

Concen: 20.410 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 43 Resp: 465160

Ion Ratio Lower Upper

43 100

61 13.2 11.5 17.3

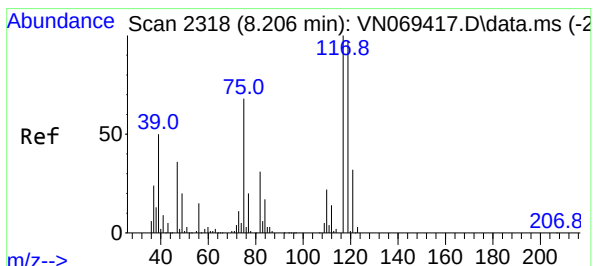
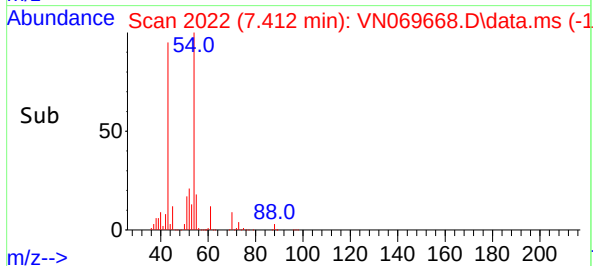
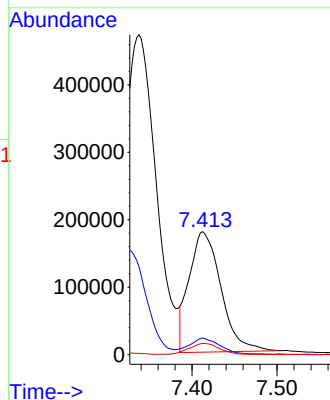
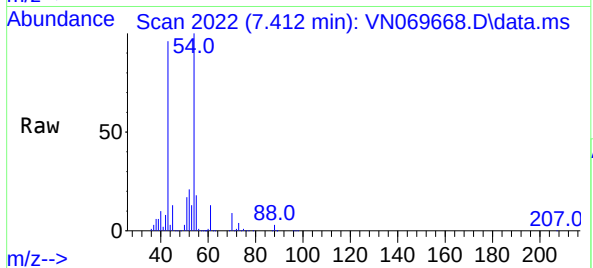
70 8.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#38

Carbon Tetrachloride

Concen: 19.512 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

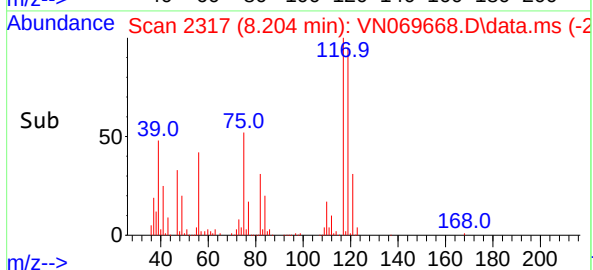
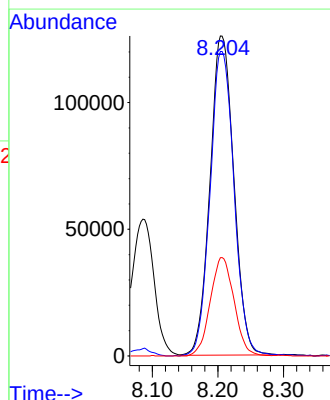
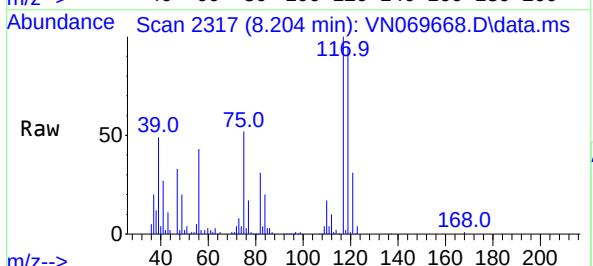
Tgt Ion:117 Resp: 317596

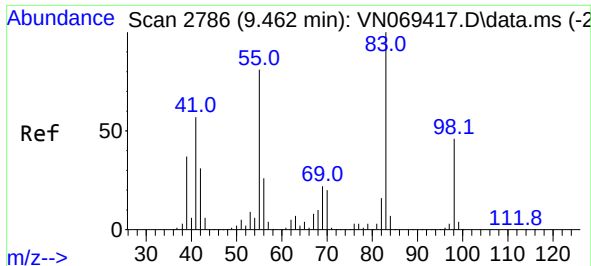
Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

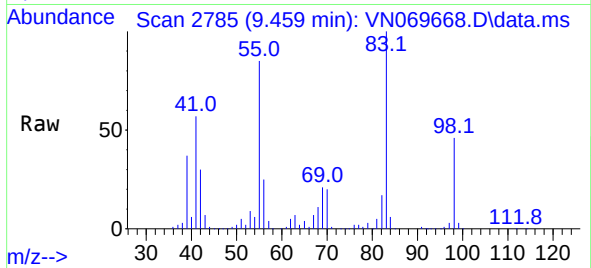
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 17.485 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

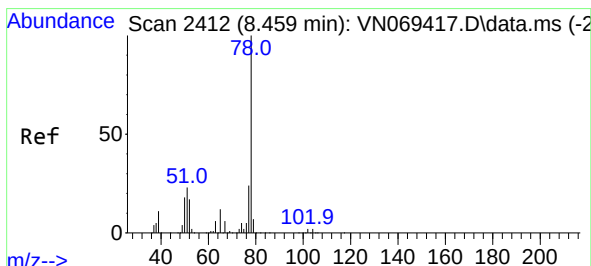
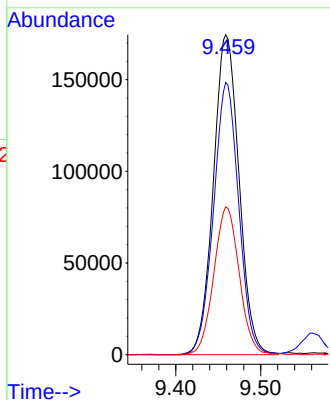
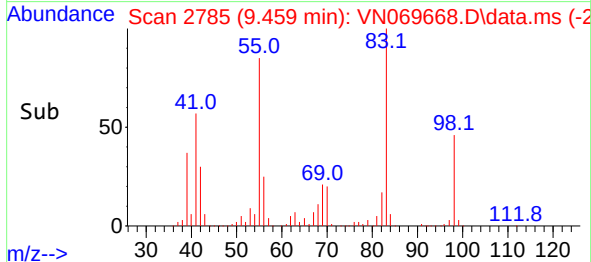
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 83 Resp: 366719
Ion Ratio Lower Upper
83 100
55 85.0 58.1 87.1
98 46.2 38.4 57.6

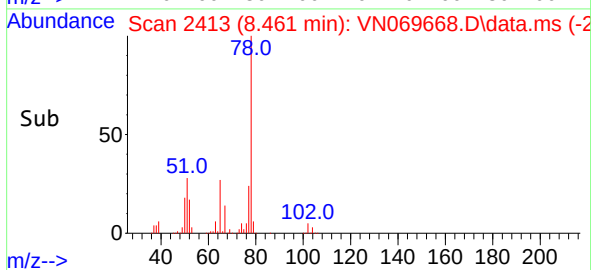
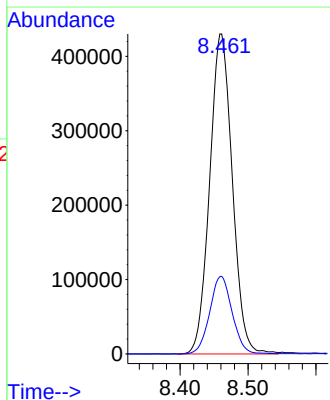
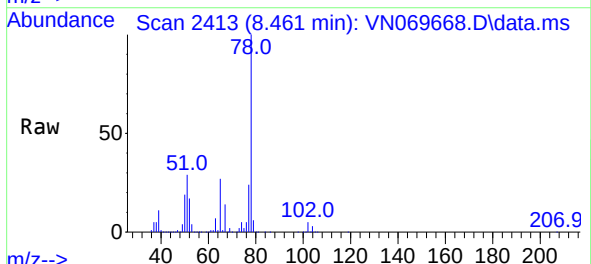
Manual Integrations
APPROVED

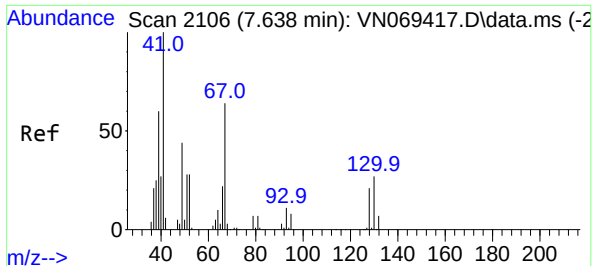
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#40
Benzene
Concen: 19.157 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

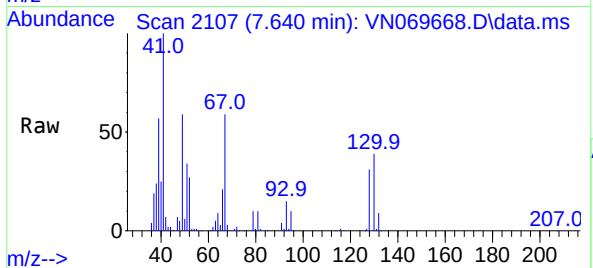
Tgt Ion: 78 Resp: 996935
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 21.109 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

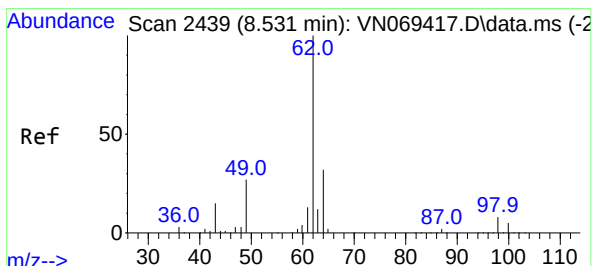
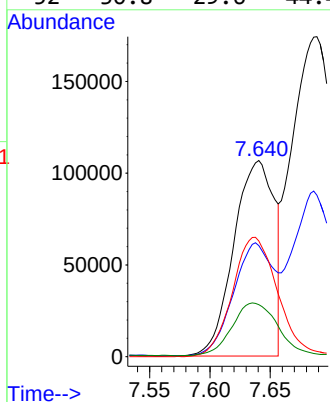
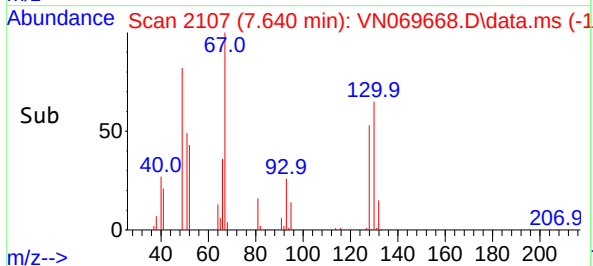
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 41 Resp: 24858
Ion Ratio Lower Upper
41 100
39 56.9 48.1 72.1
67 68.9 68.3 102.5
52 30.8 29.6 44.4

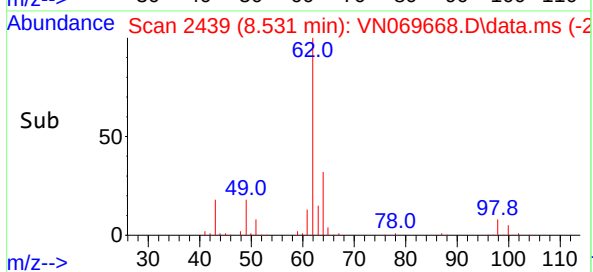
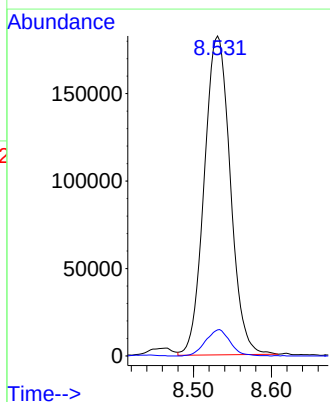
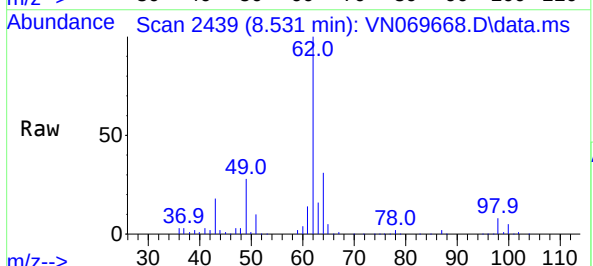
Manual Integrations
APPROVED

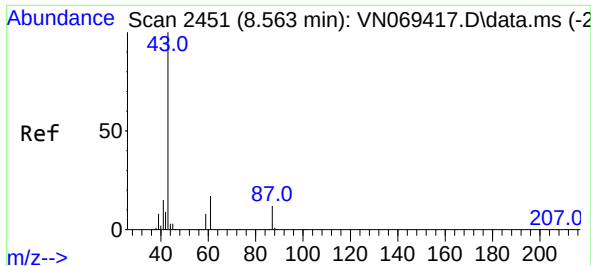
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 20.774 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

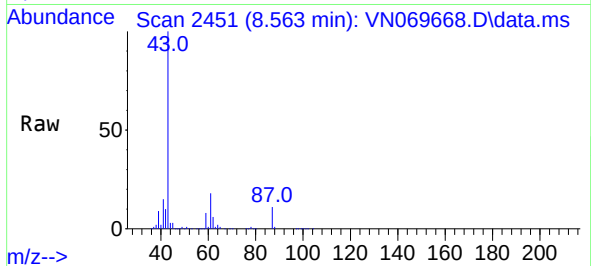
Tgt Ion: 62 Resp: 423310
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.608 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

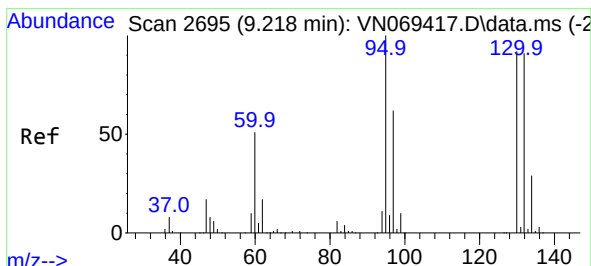
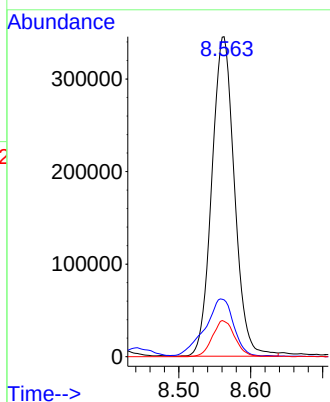
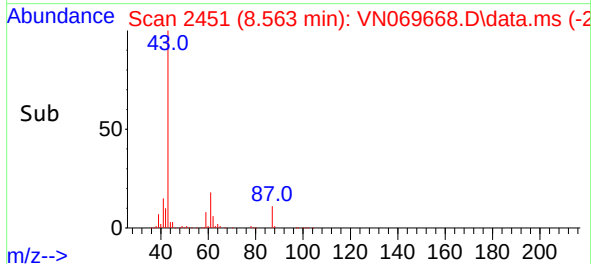
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 43 Resp: 75441
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 11.2 11.2 16.8

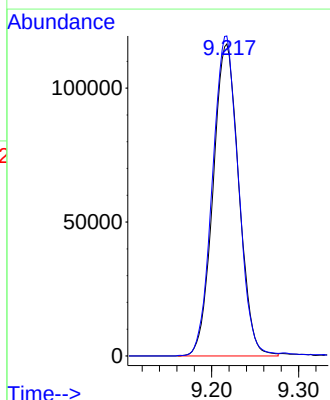
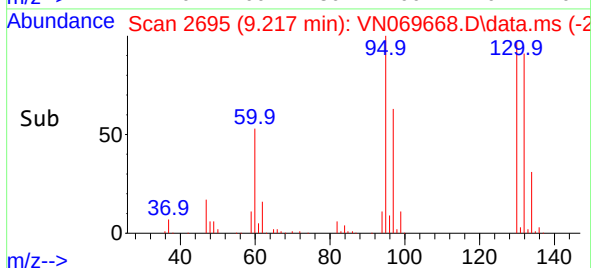
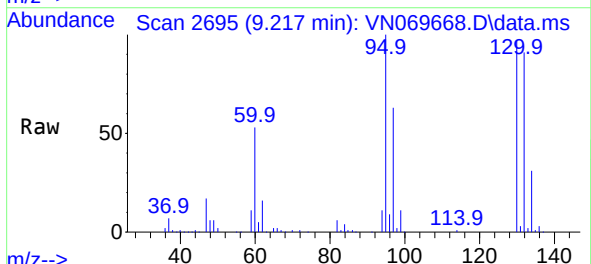
Manual Integrations
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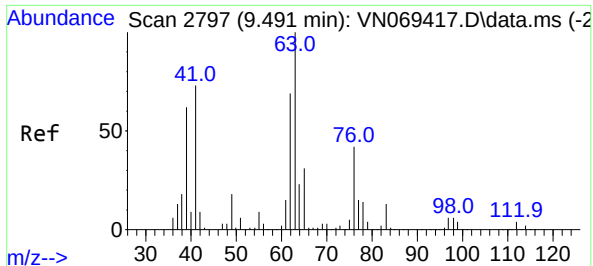
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 19.233 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion:130 Resp: 239538
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.611 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 63 Resp: 28657

Ion Ratio Lower Upper

63 100

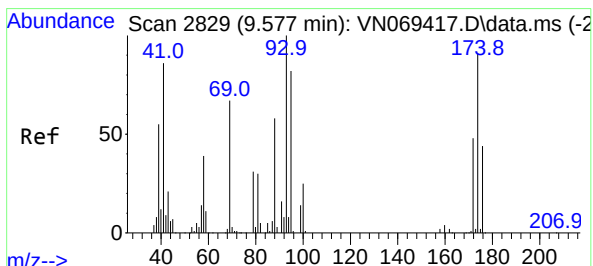
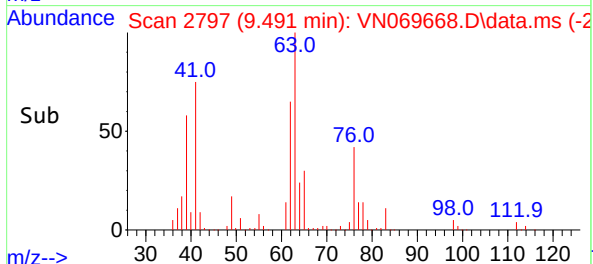
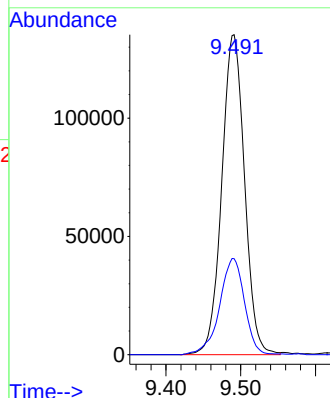
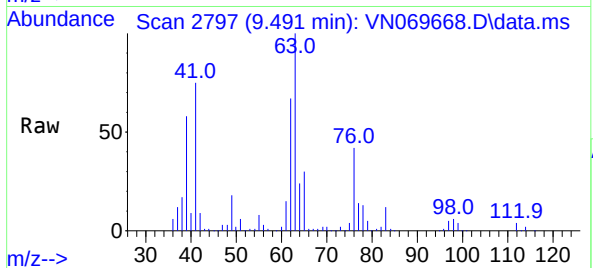
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 19.522 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069668.D

Acq: 29 Nov 2021 17:01

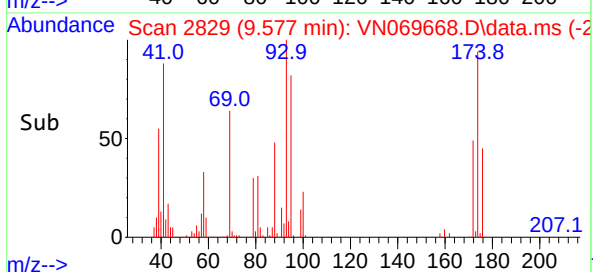
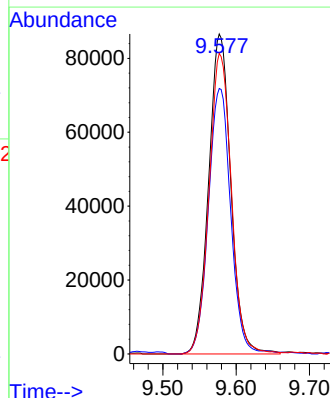
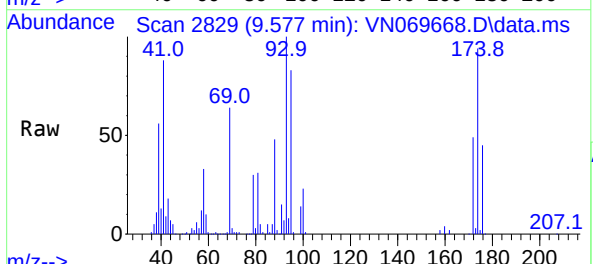
Tgt Ion: 93 Resp: 181802

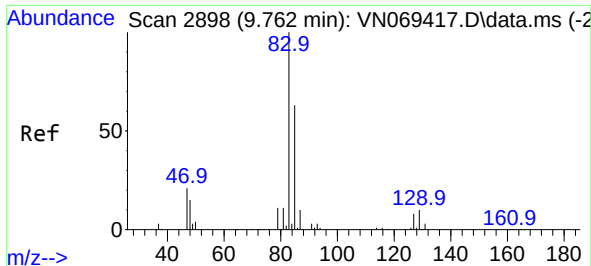
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

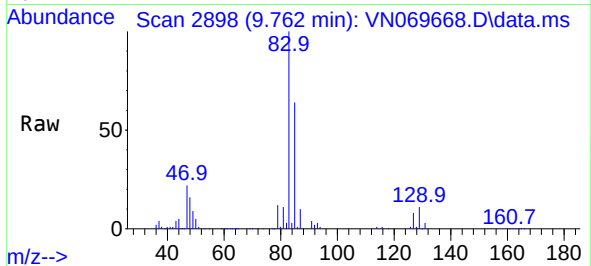
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 20.214 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

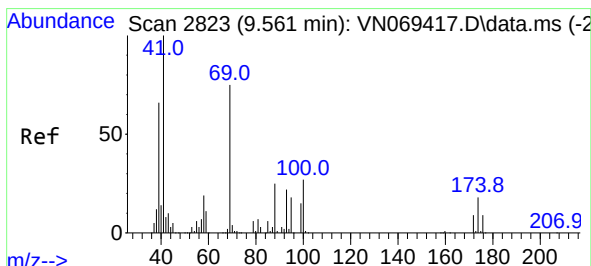
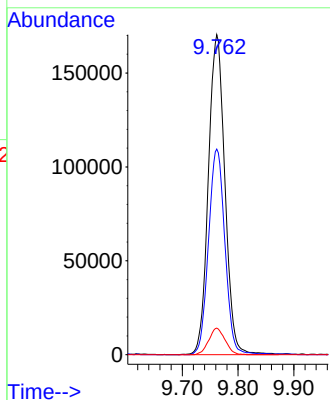
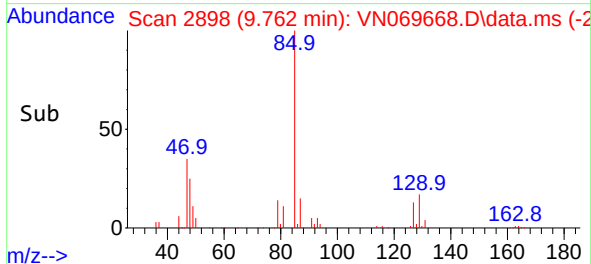
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



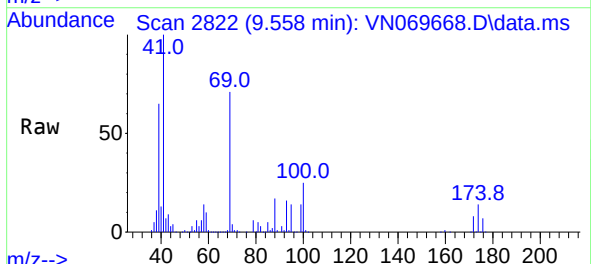
Tgt Ion: 83 Resp: 35128
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
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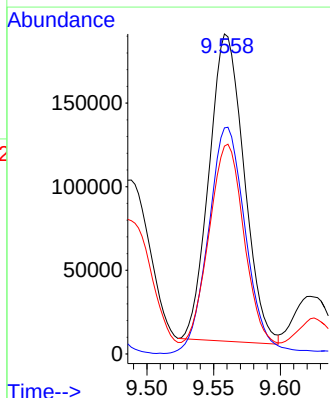
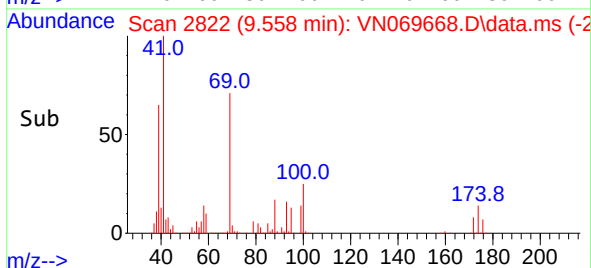
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

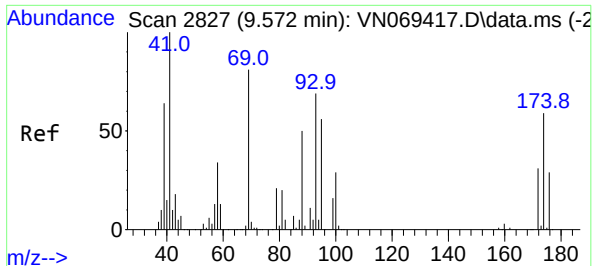


#48
Methyl methacrylate
Concen: 19.422 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion: 41 Resp: 334504
Ion Ratio Lower Upper
41 100
69 78.7 72.4 108.6
39 70.7 58.4 87.6





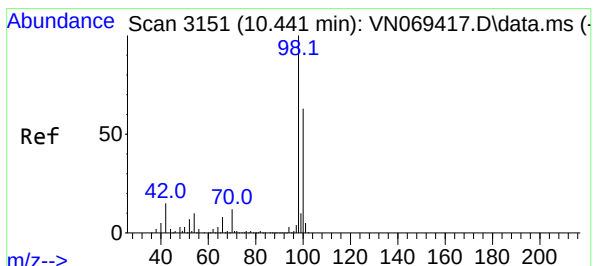
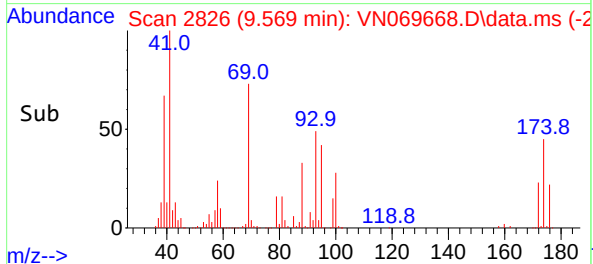
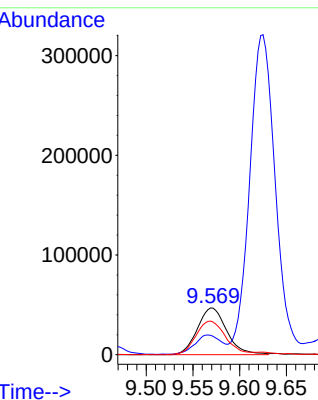
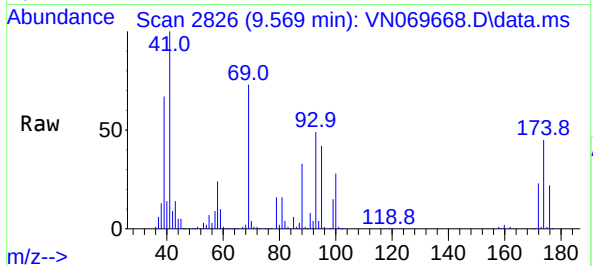
#49
1,4-Dioxane
Concen: 327.337 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 88 Resp: 10239
Ion Ratio Lower Upper
88 100
43 37.4 23.4 35.2
58 73.2 50.6 75.8

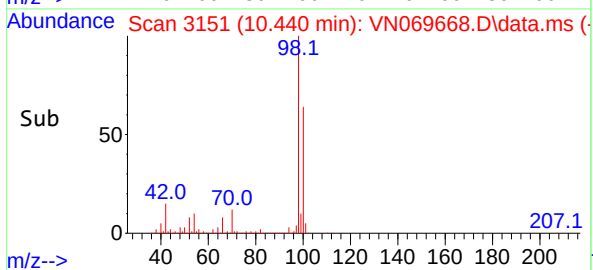
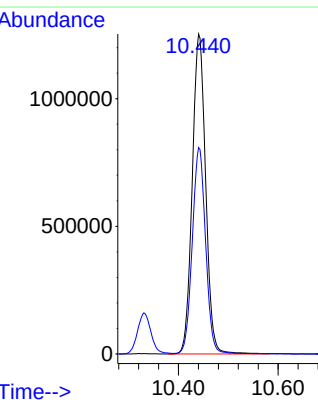
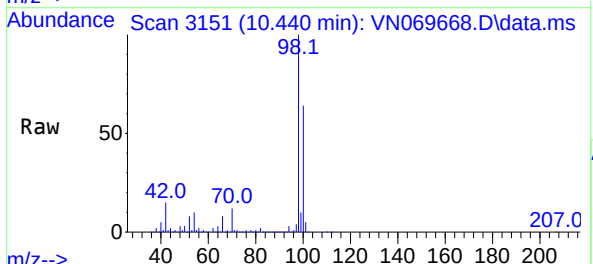
Manual Integrations
APPROVED

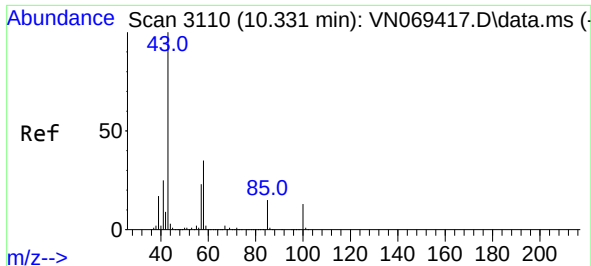
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 49.483 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

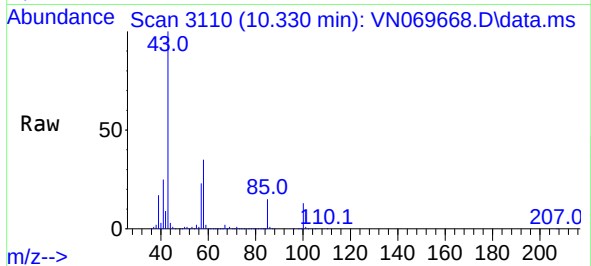
Tgt Ion: 98 Resp: 2338724
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 103.467 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

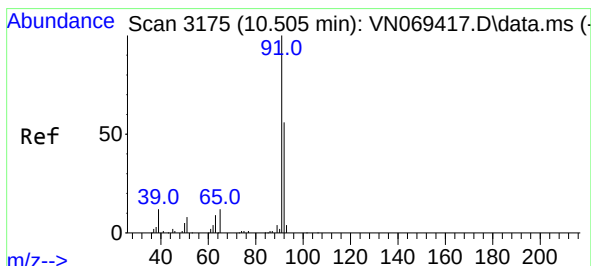
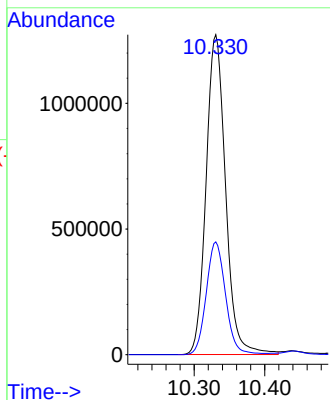
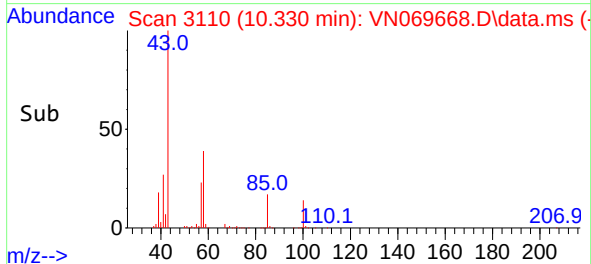
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



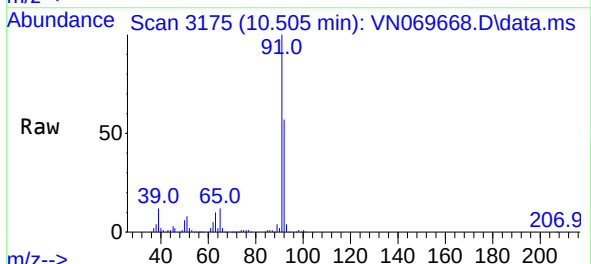
Tgt Ion: 43 Resp: 244479
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

Manual Integrations
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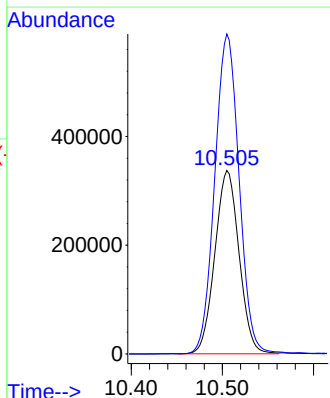
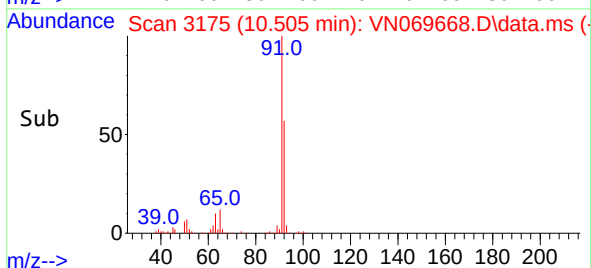
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

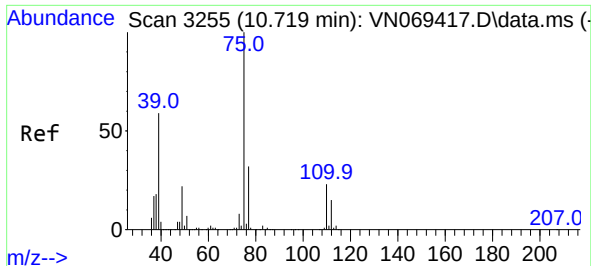


#52
Toluene
Concen: 19.202 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



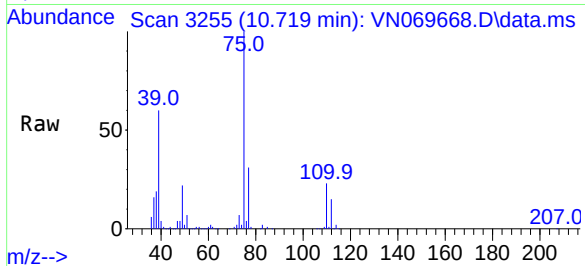
Tgt Ion: 92 Resp: 622522
Ion Ratio Lower Upper
92 100
91 175.7 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 18.517 ug/l
 RT: 10.719 min Scan# 3255
 Delta R.T. 0.000 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01

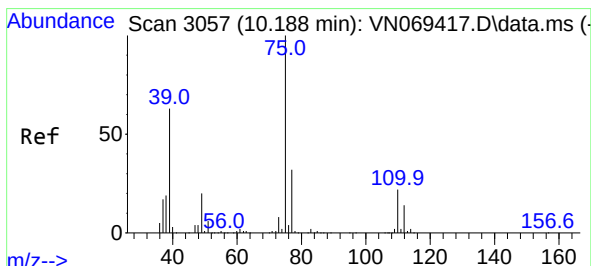
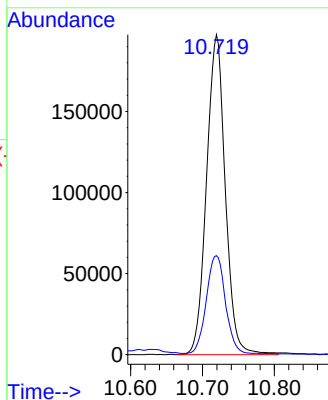
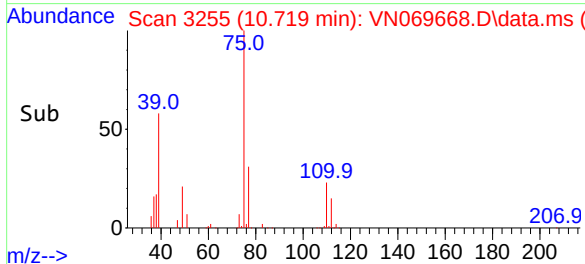
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01



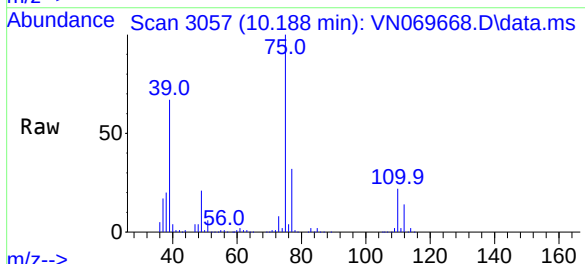
Tgt Ion: 75 Resp: 35818
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4

Manual Integrations
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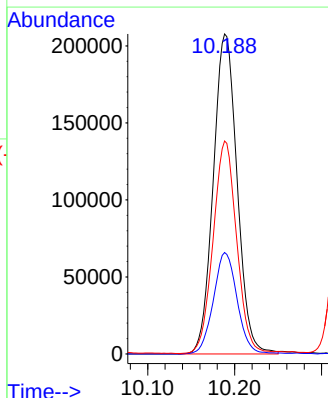
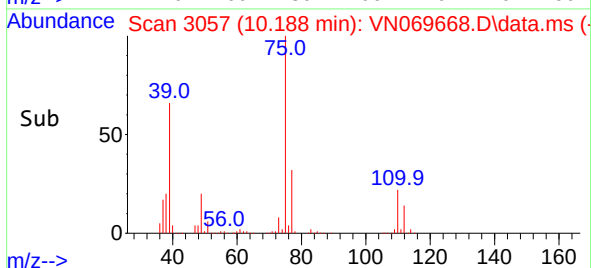
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

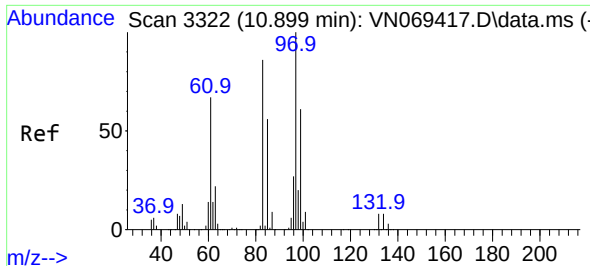


#54
 cis-1,3-Dichloropropene
 Concen: 18.710 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01



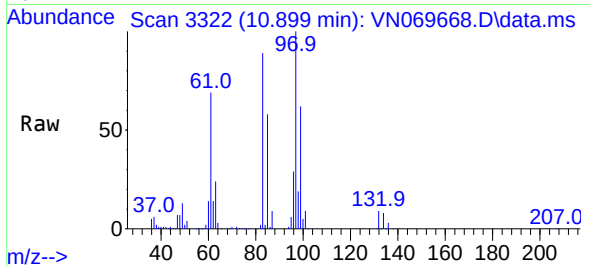
Tgt Ion: 75 Resp: 395981
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.4 39.6
 39 66.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.674 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

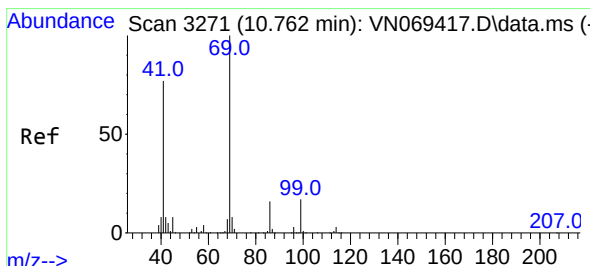
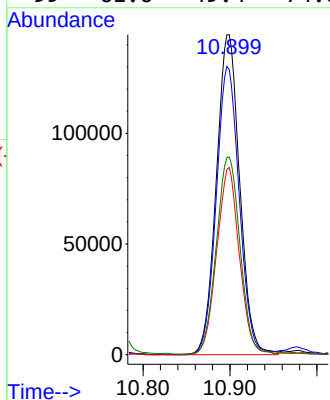
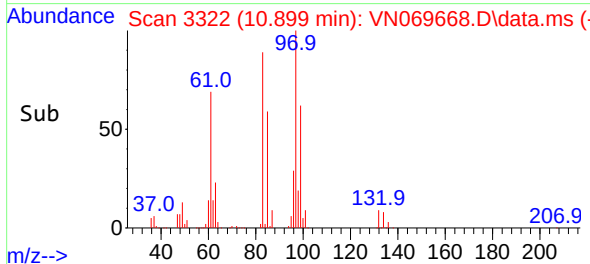


Tgt Ion: 97 Resp: 27018

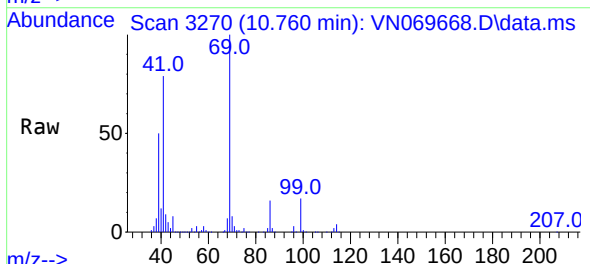
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.8	101.6
85	58.5	45.4	68.2
99	61.6	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

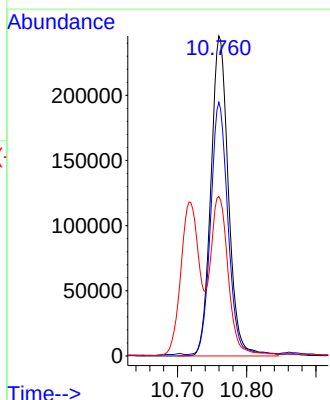
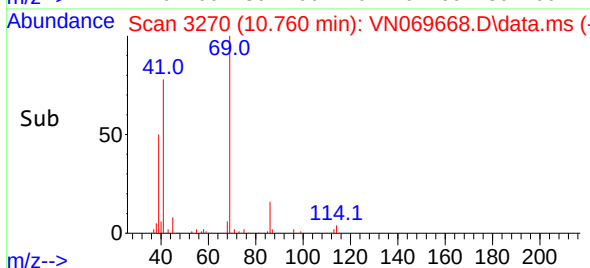


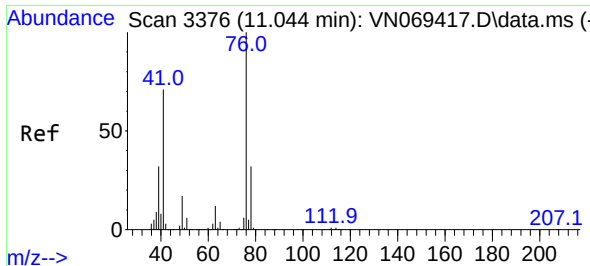
#56
Ethyl methacrylate
Concen: 18.906 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion: 69 Resp: 432834

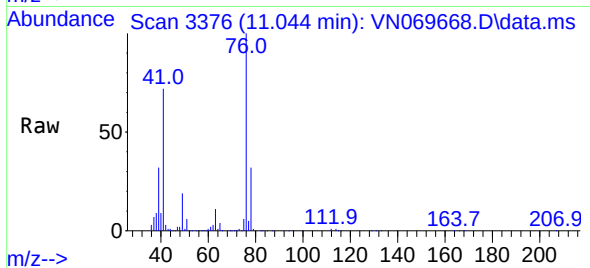
Ion	Ratio	Lower	Upper
69	100		
41	78.0	51.4	77.0#
39	48.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.187 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

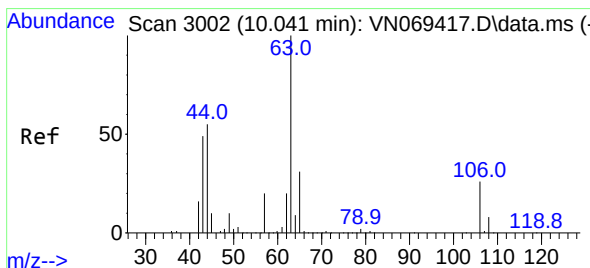
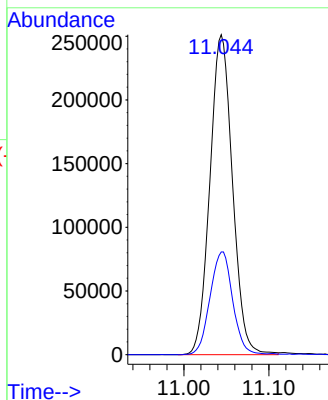
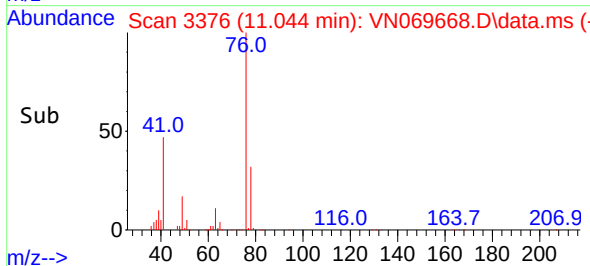
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



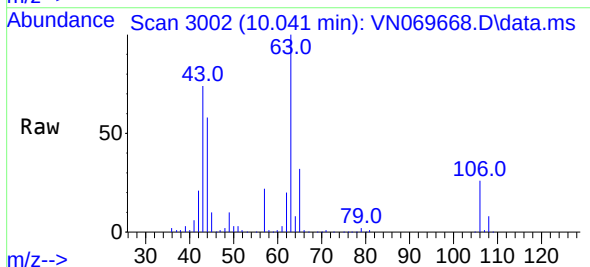
Tgt Ion: 76 Resp: 463589
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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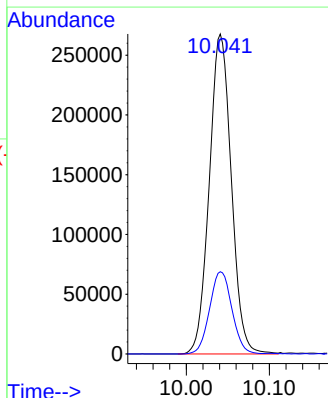
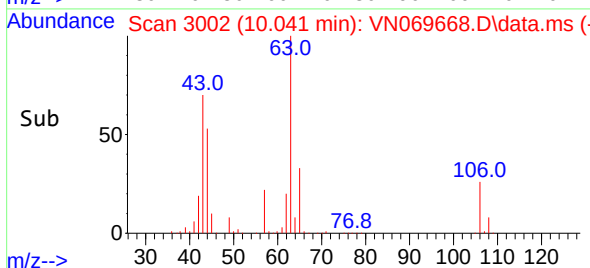
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

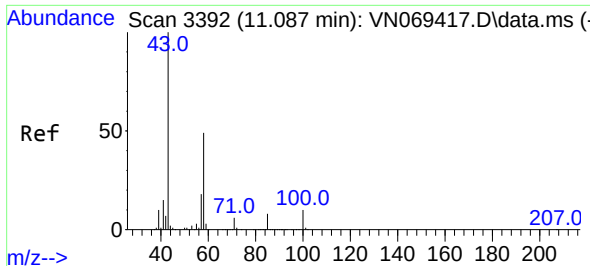


#58
2-Chloroethyl Vinyl ether
Concen: 93.557 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion: 63 Resp: 493195
Ion Ratio Lower Upper
63 100
106 26.1 23.9 35.9





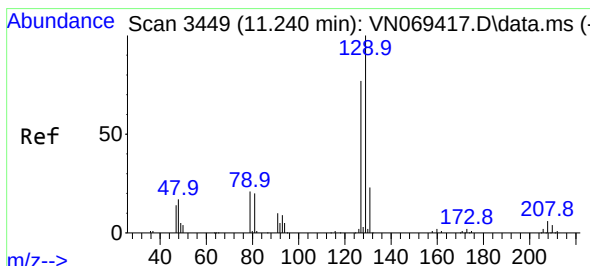
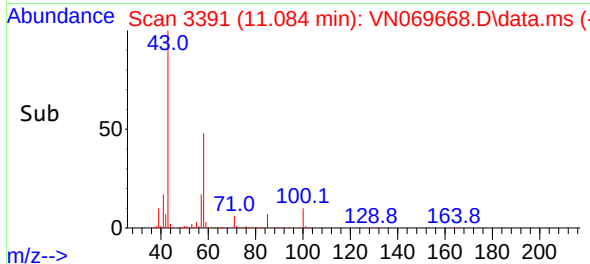
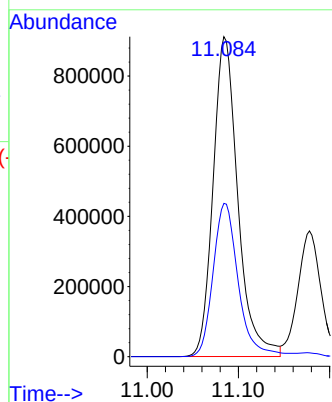
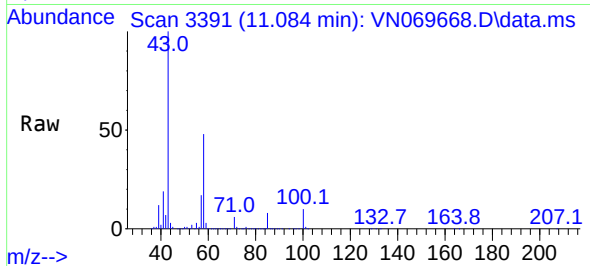
#59
2-Hexanone
Concen: 91.324 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 171811
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

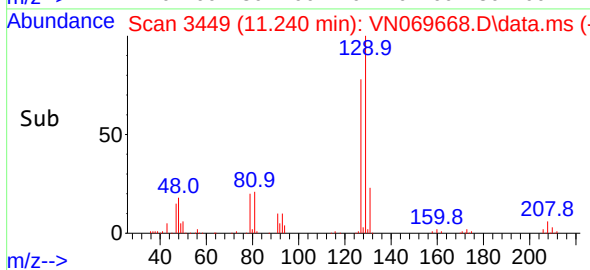
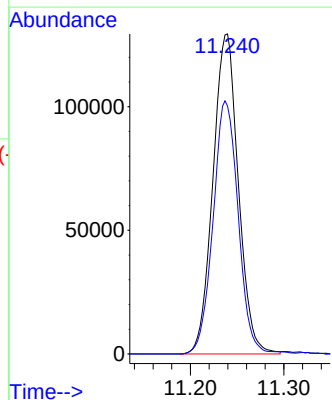
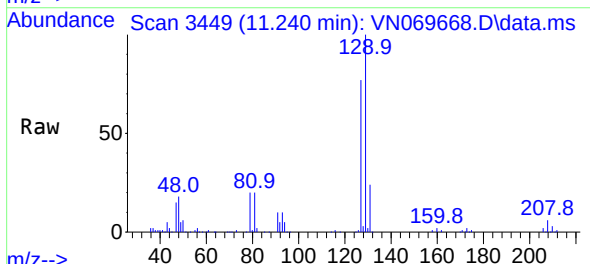
Manual Integrations
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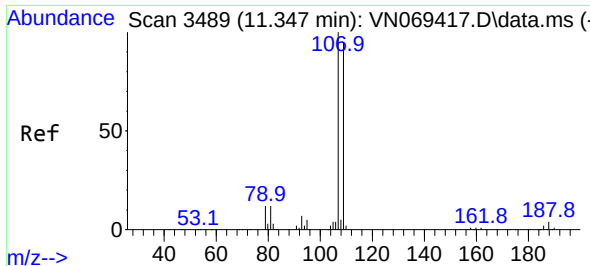
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 18.638 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

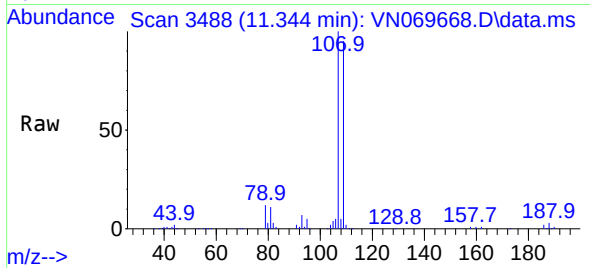
Tgt Ion:129 Resp: 244482
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.666 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

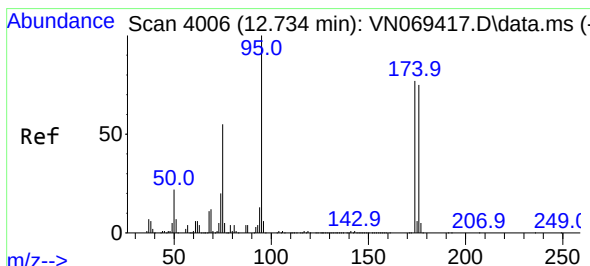
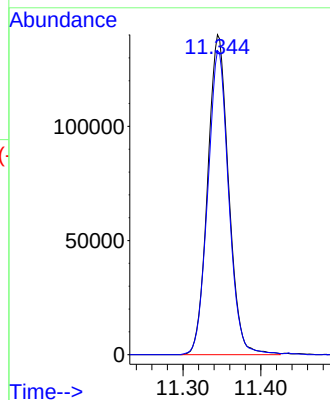
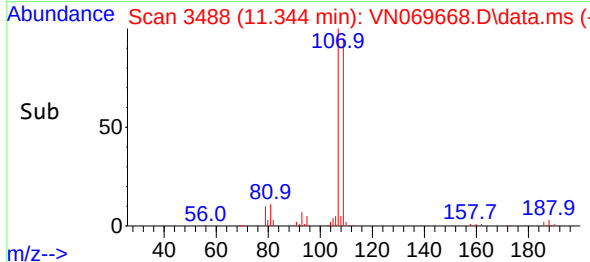
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



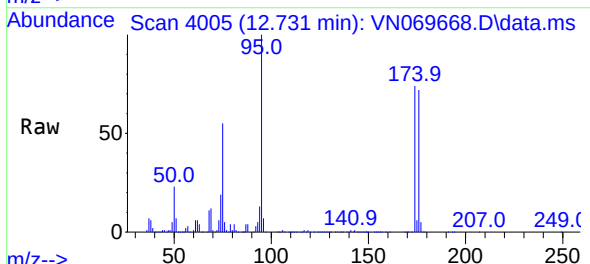
Tgt Ion:107 Resp: 26228
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

Manual Integrations
APPROVED

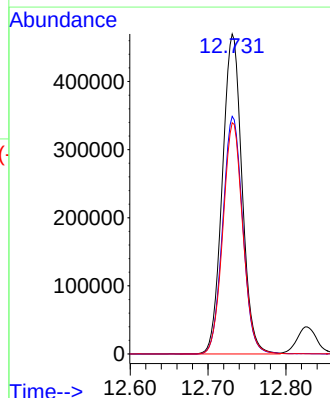
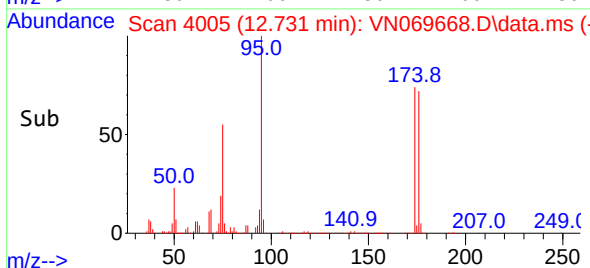
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

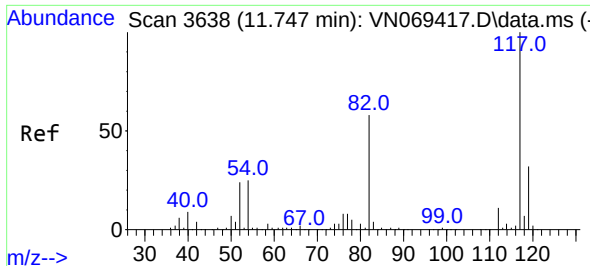


#62
4-Bromofluorobenzene
Concen: 47.302 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion: 95 Resp: 821301
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

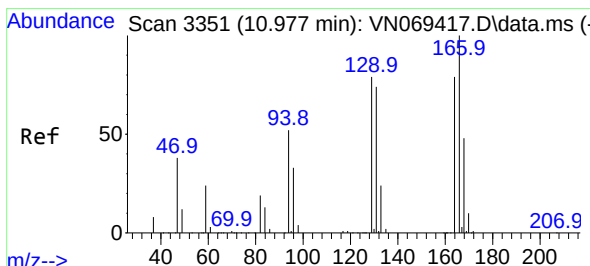
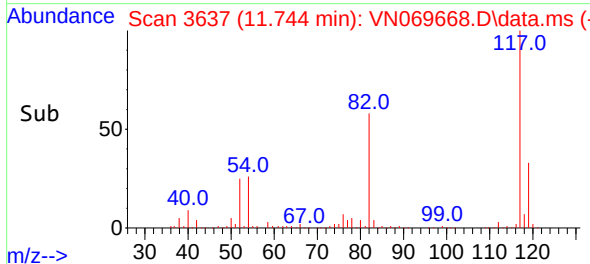
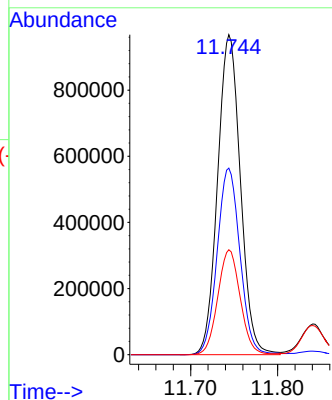
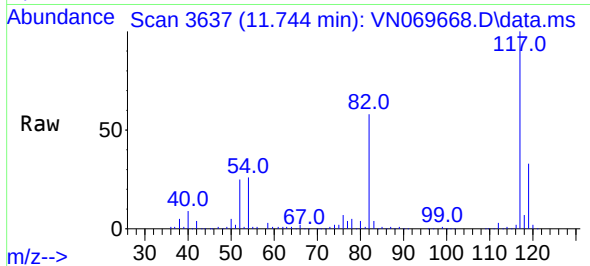
VN1129WBSD01

Tgt Ion:117 Resp: 176343
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.8 25.4 38.2

Manual Integrations

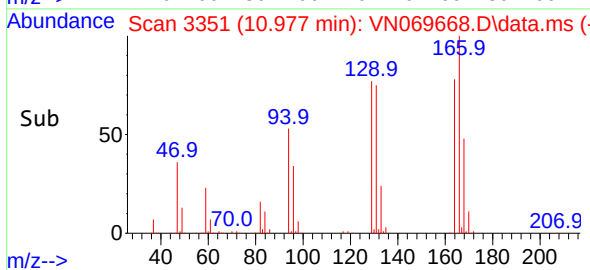
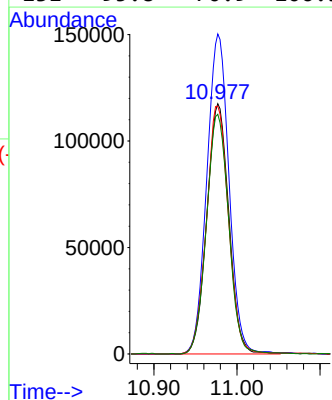
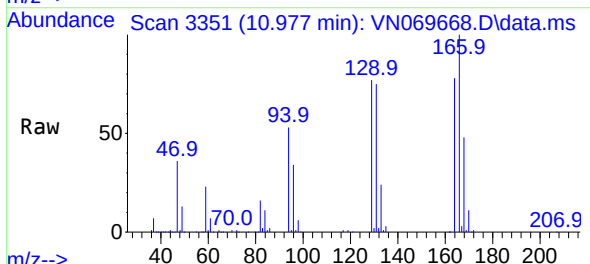
APPROVED

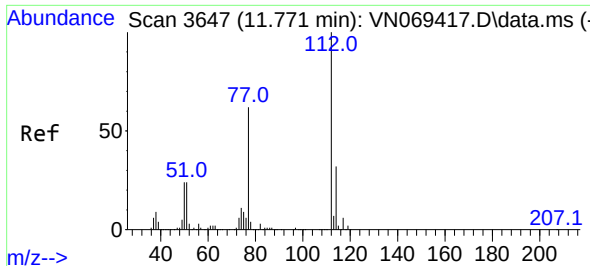
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#64
Tetrachloroethene
Concen: 20.333 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion:164 Resp: 216502
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 99.0 72.0 108.0
131 95.8 70.9 106.3





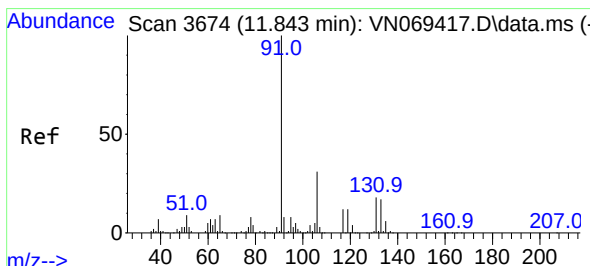
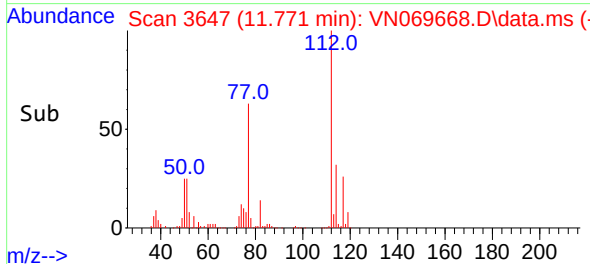
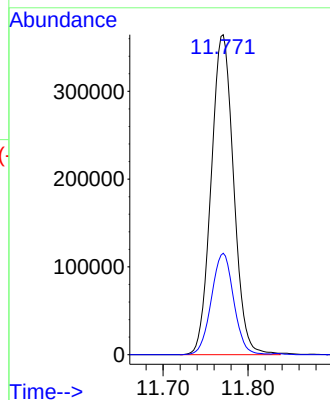
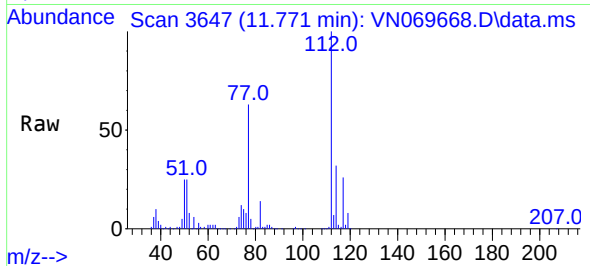
#65
Chlorobenzene
Concen: 20.407 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:112 Resp: 669839
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

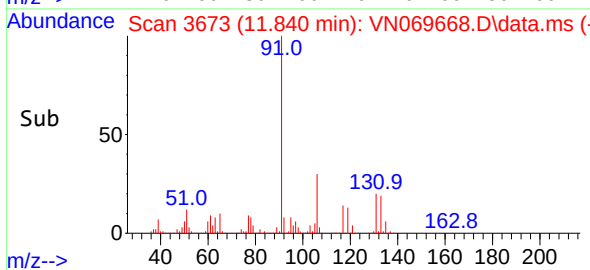
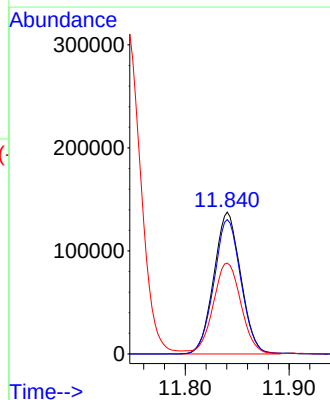
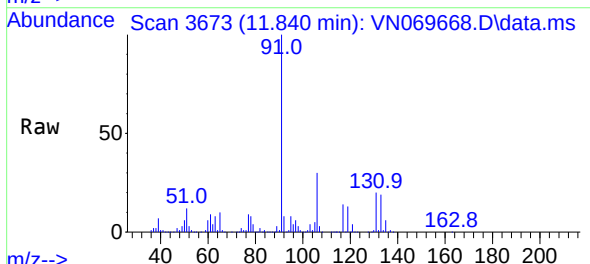
Manual Integrations
APPROVED

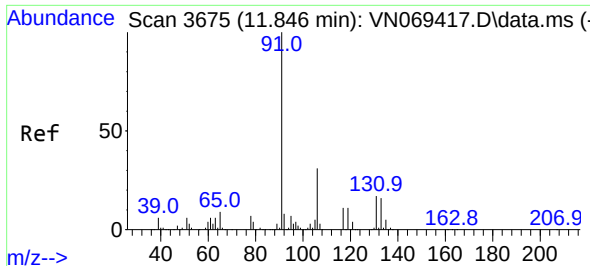
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.738 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion:131 Resp: 247484
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.6 32.1 96.5





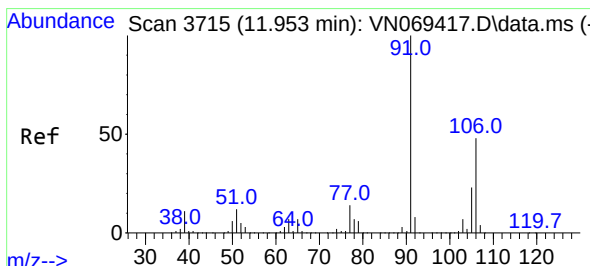
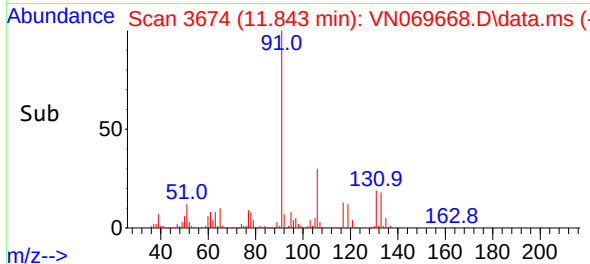
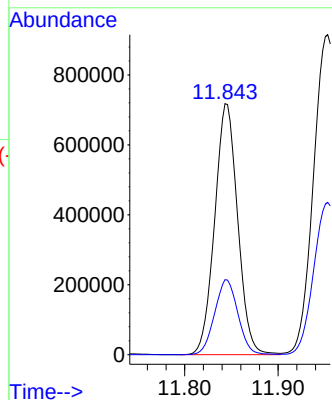
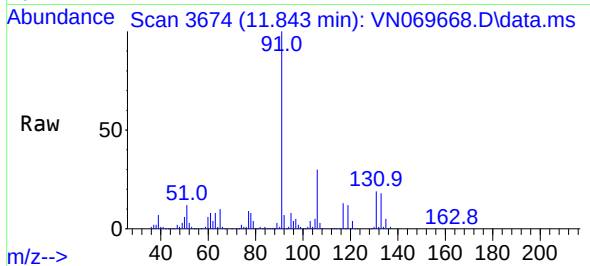
#67
Ethyl Benzene
Concen: 20.310 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 91 Resp: 1229510
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

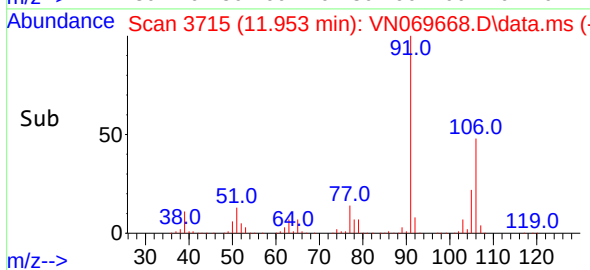
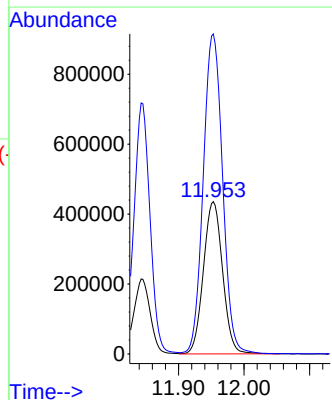
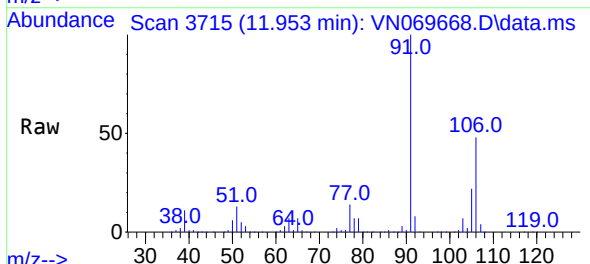
Manual Integrations
APPROVED

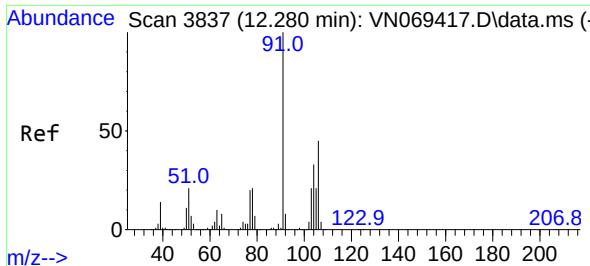
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 39.643 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

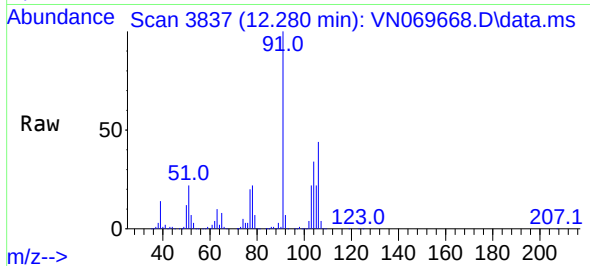
Tgt Ion:106 Resp: 882649
Ion Ratio Lower Upper
106 100
91 212.1 160.6 240.8





#69
o-Xylene
Concen: 19.927 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

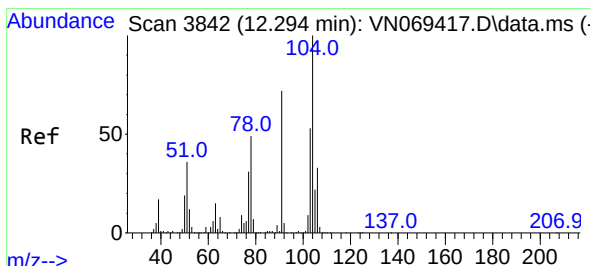
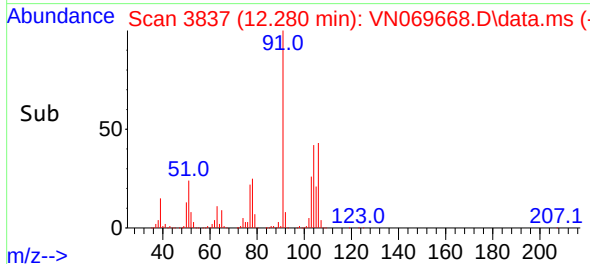
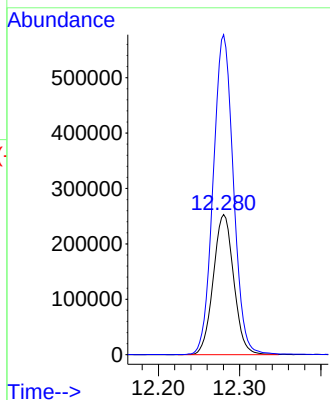
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:106 Resp: 442309
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3

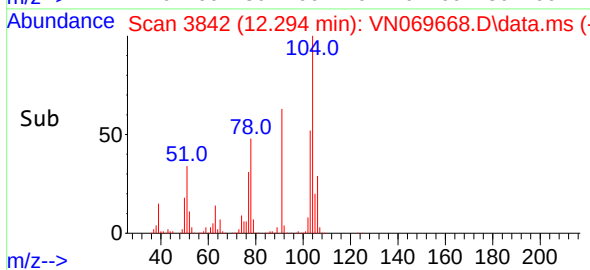
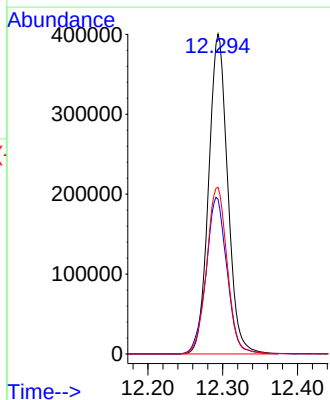
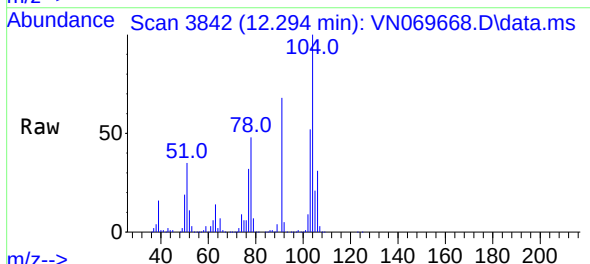
Manual Integrations
APPROVED

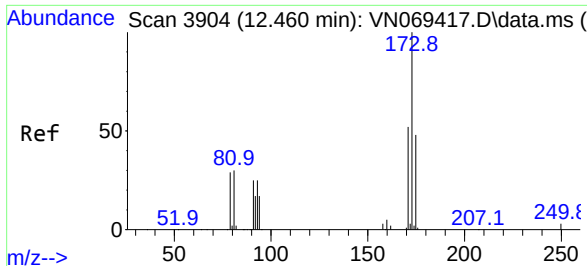
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 18.793 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion:104 Resp: 709966
Ion Ratio Lower Upper
104 100
78 53.6 38.7 58.1
103 56.4 45.0 67.6





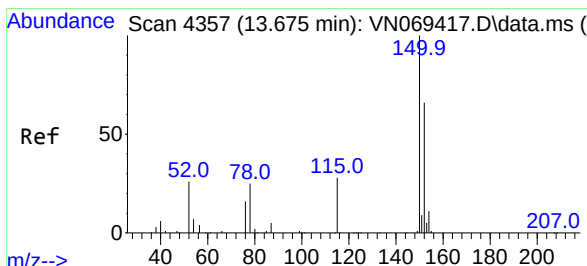
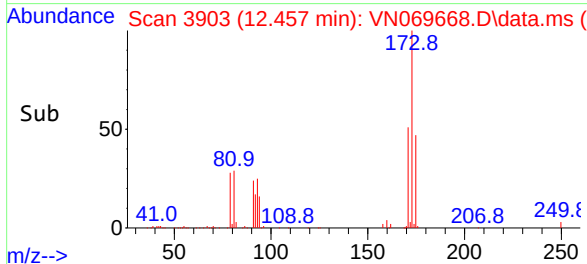
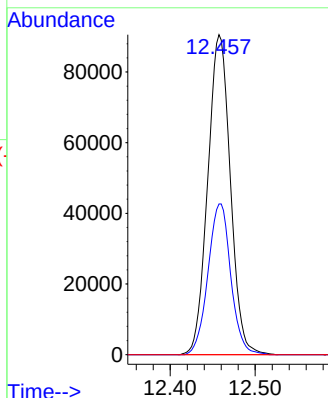
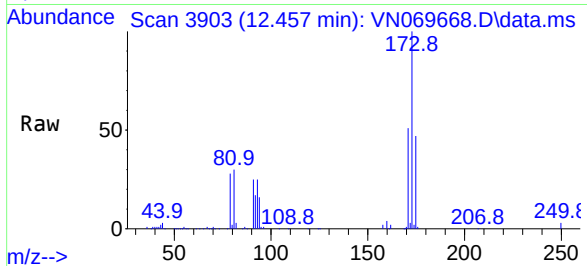
#71
Bromoform
Concen: 19.207 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:173 Resp: 16747
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.0 0.0

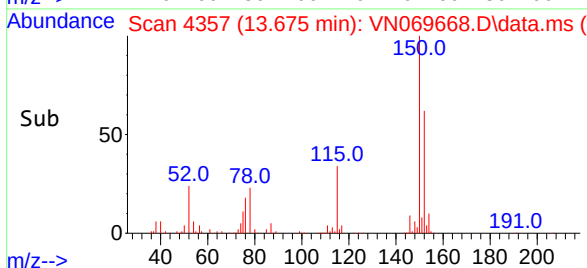
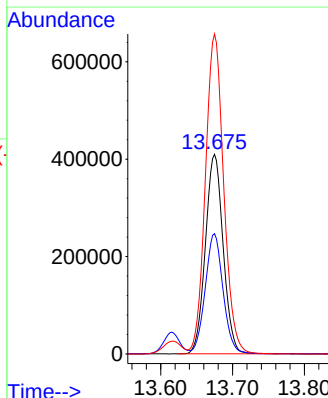
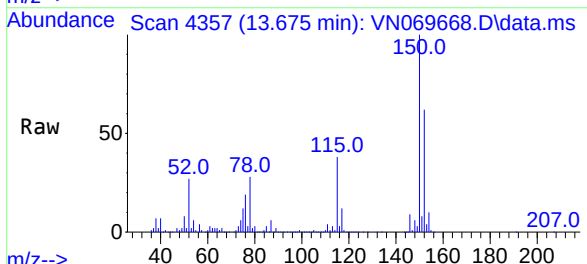
Manual Integrations
APPROVED

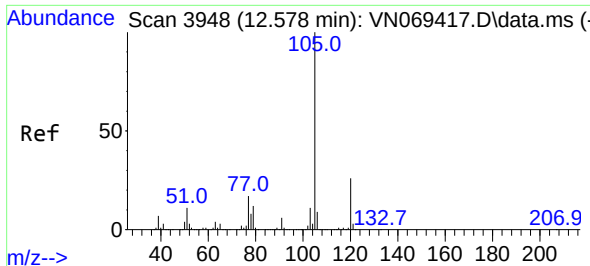
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

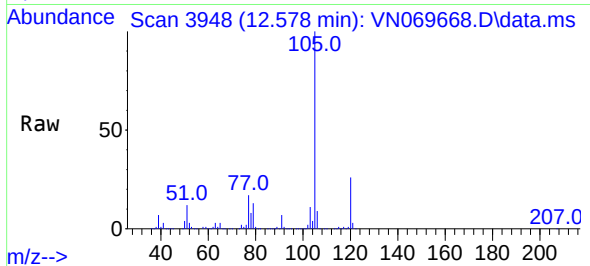
Tgt Ion:152 Resp: 705700
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 165.2 0.0 344.4





#73
Isopropylbenzene
Concen: 21.343 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

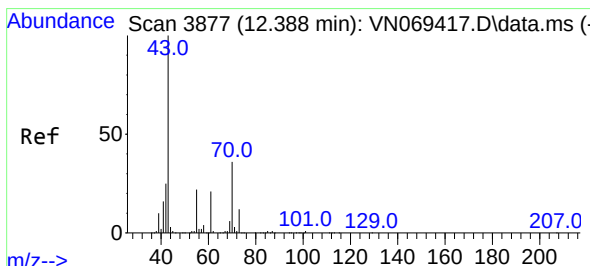
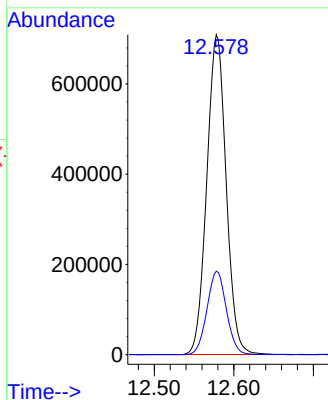
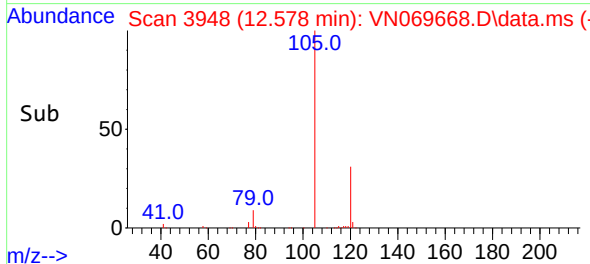
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



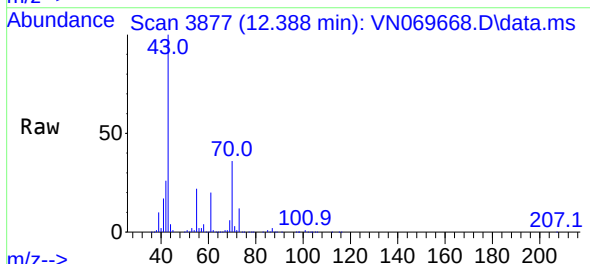
Tgt Ion:105 Resp: 1199229
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

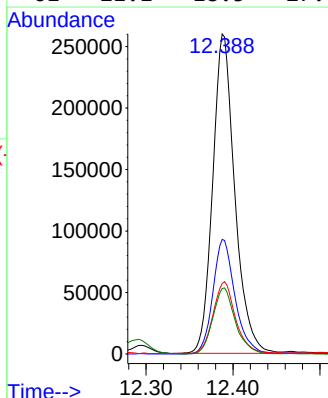
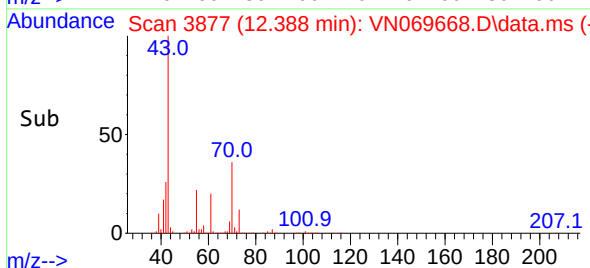
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

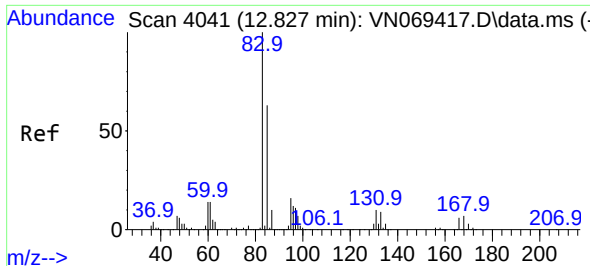


#74
N-ethyl acetate
Concen: 19.225 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



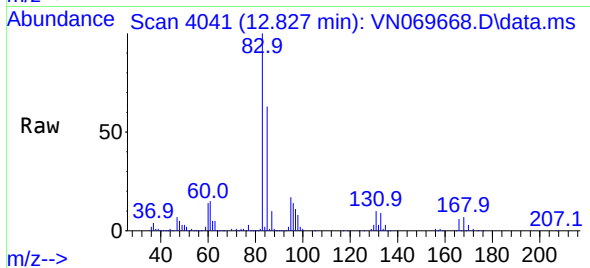
Tgt Ion: 43 Resp: 457802
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 22.8 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.836 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

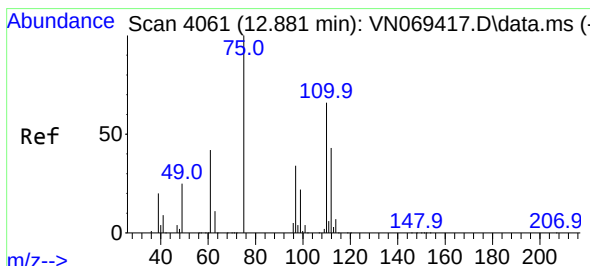
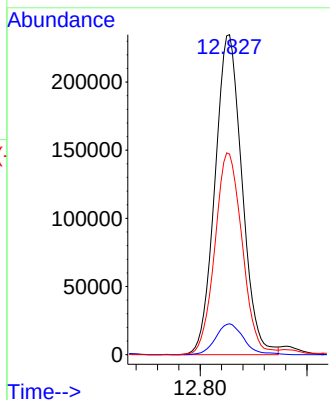
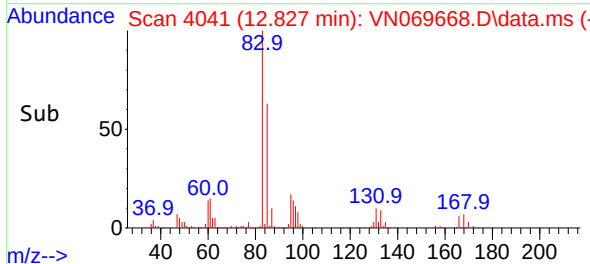
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



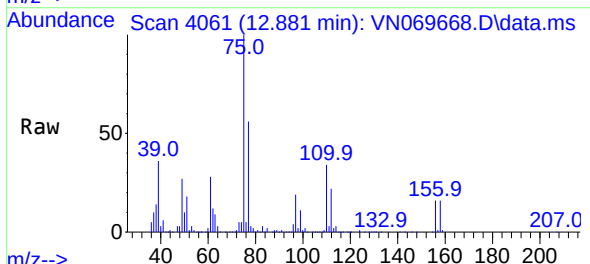
Tgt Ion: 83 Resp: 41381
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

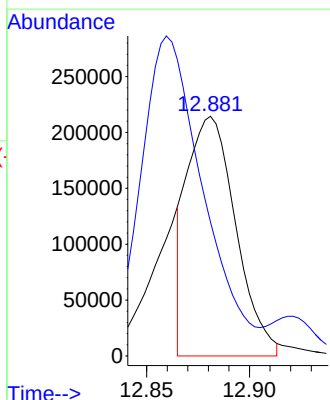
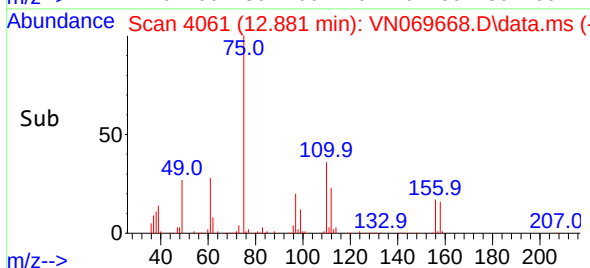
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

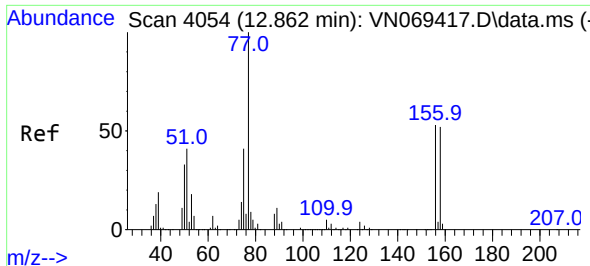


#76
1,2,3-Trichloropropane
Concen: 21.572 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



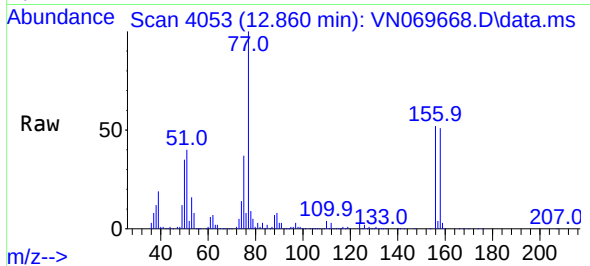
Tgt Ion: 75 Resp: 351324
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 21.148 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

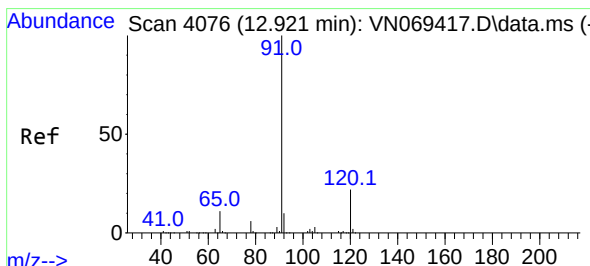
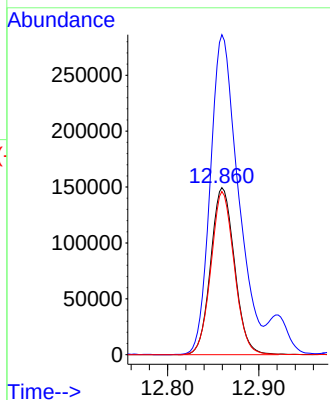
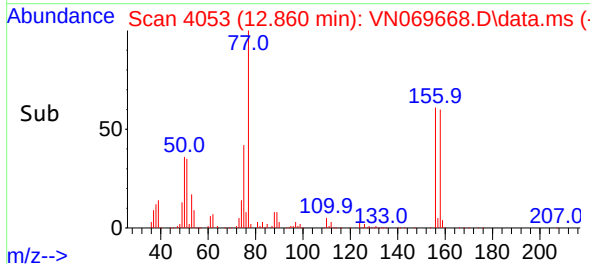
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:156 Resp: 27175
Ion Ratio Lower Upper
156 100
77 224.0 90.6 271.8
158 95.6 48.9 146.7

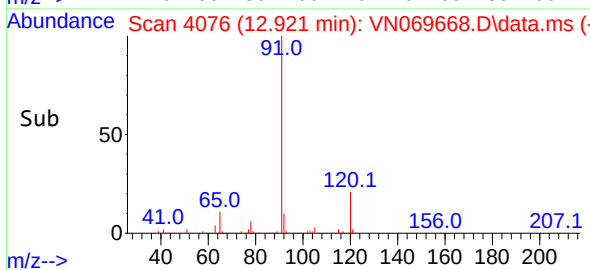
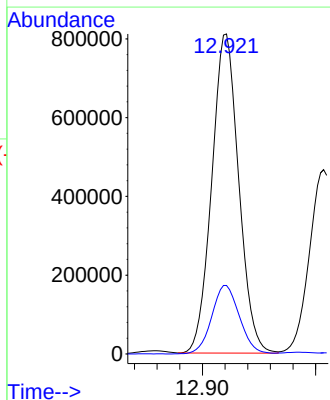
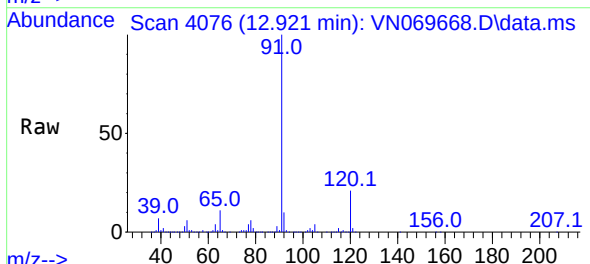
Manual Integrations
APPROVED

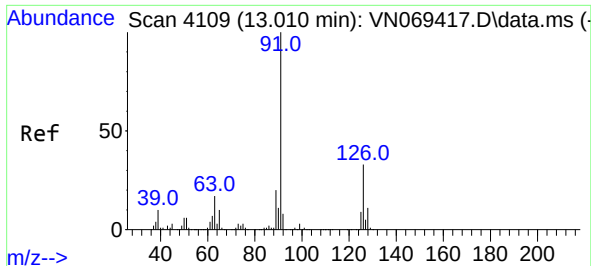
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#78
n-propylbenzene
Concen: 21.195 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion: 91 Resp: 1340046
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





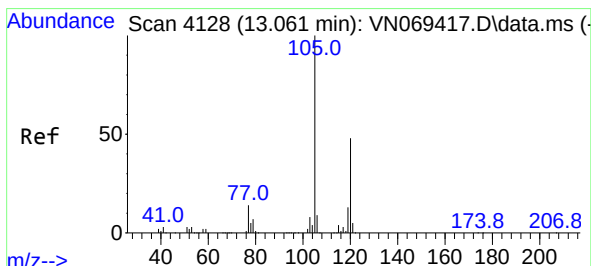
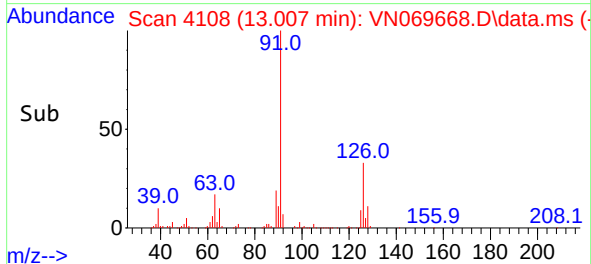
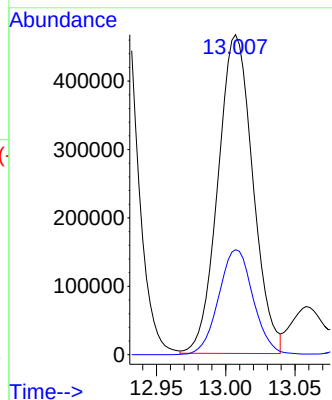
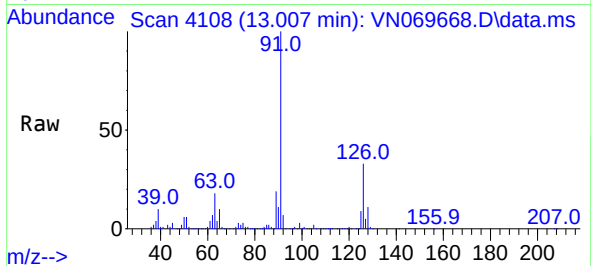
#79
2-Chlorotoluene
Concen: 20.861 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 91 Resp: 816632
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

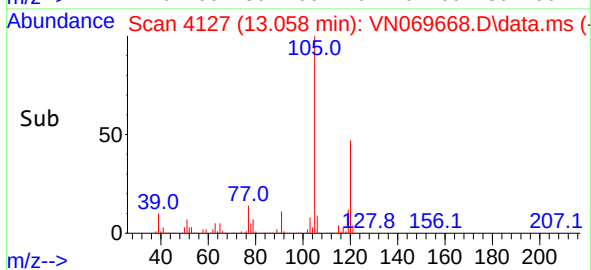
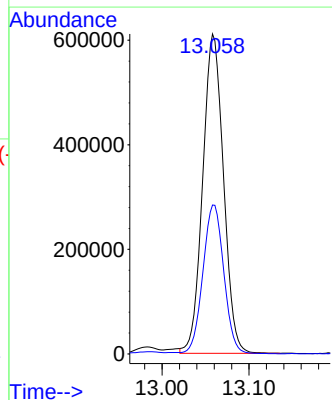
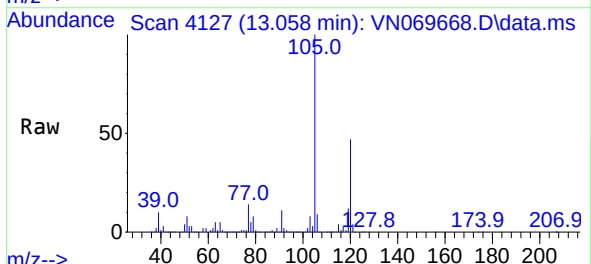
Manual Integrations
APPROVED

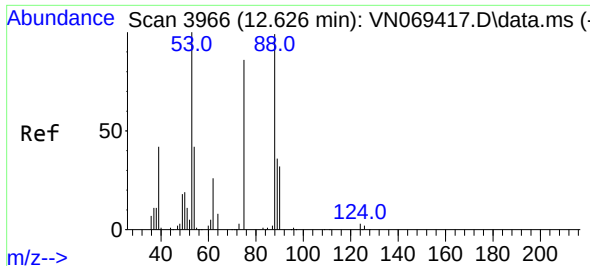
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 22.305 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Tgt Ion:105 Resp: 1013163
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





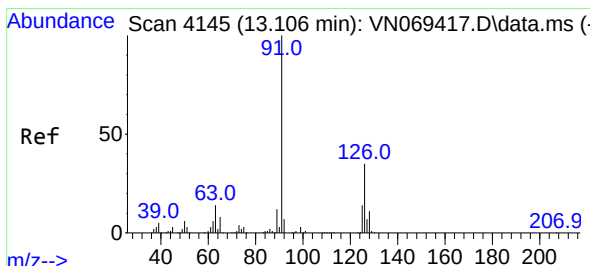
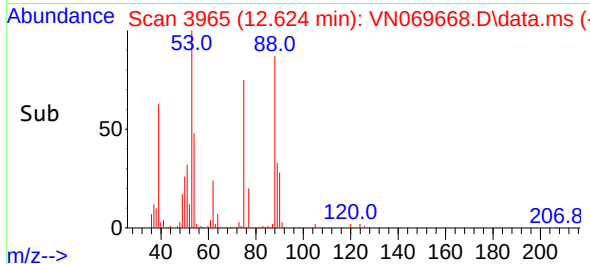
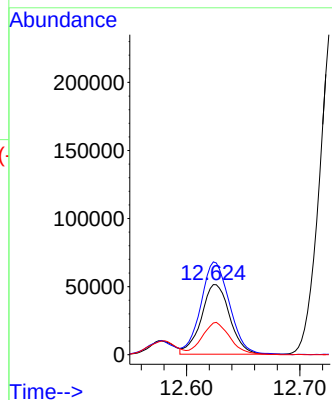
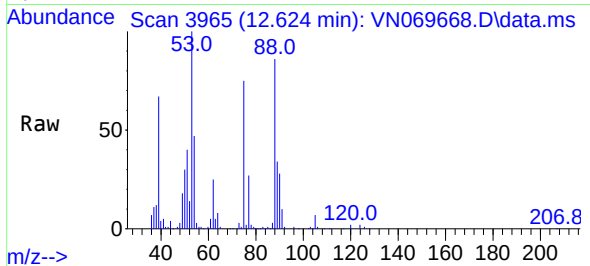
#81
trans-1,4-Dichloro-2-butene
Concen: 20.243 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 75 Resp: 8944
Ion Ratio Lower Upper
75 100
53 135.3 90.5 135.7
89 45.3 38.2 57.4

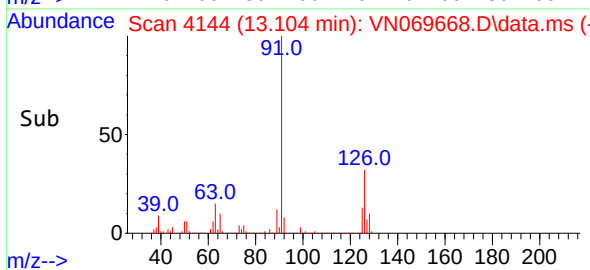
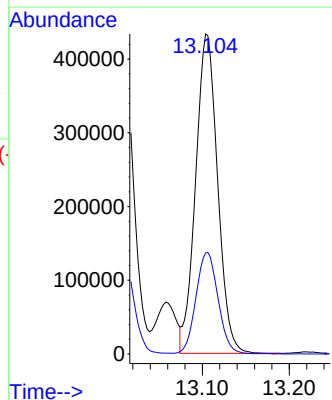
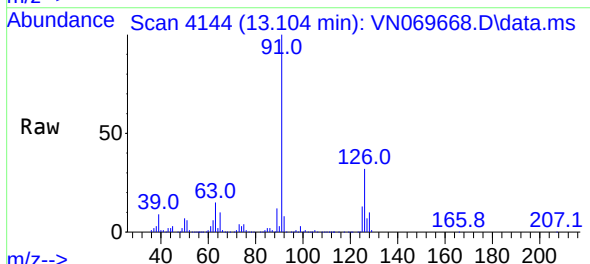
Manual Integrations
APPROVED

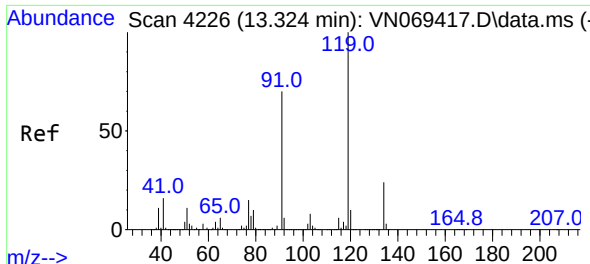
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#82
4-Chlorotoluene
Concen: 20.389 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

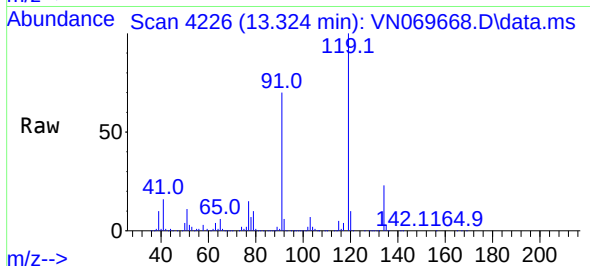
Tgt Ion: 91 Resp: 760885
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 21.252 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

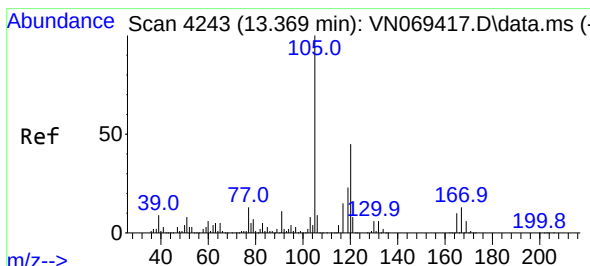
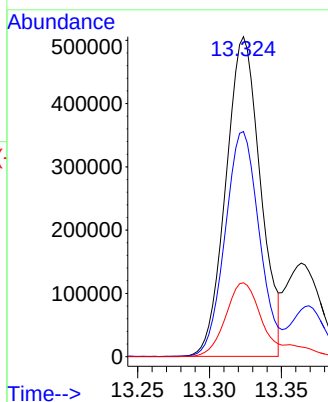
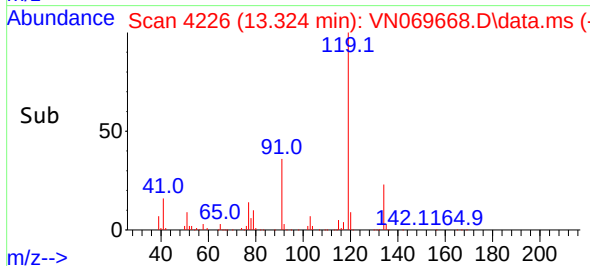
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



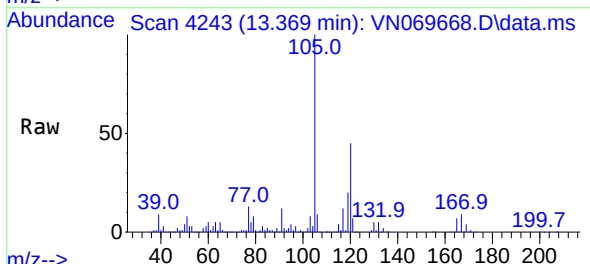
Tgt Ion:119 Resp: 845960
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 26.5 12.4 37.4

Manual Integrations
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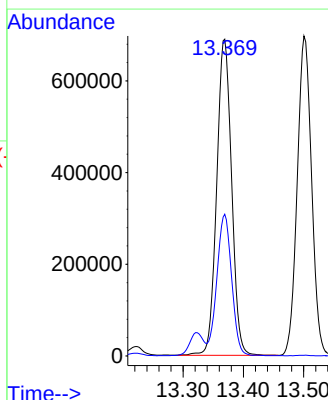
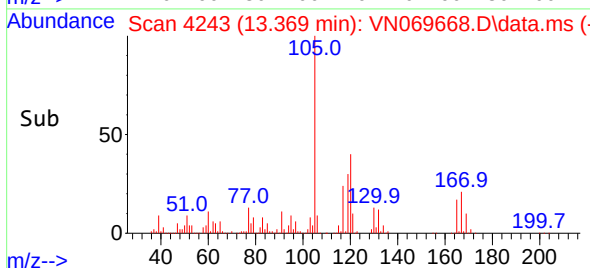
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

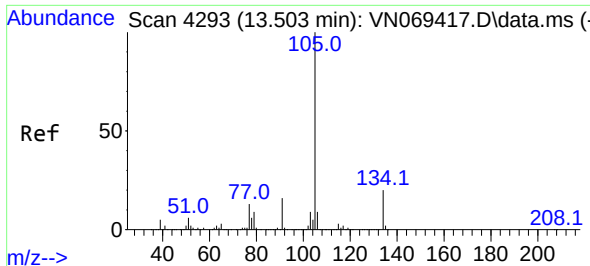


#84
1,2,4-Trimethylbenzene
Concen: 26.993 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion:105 Resp: 1183673
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





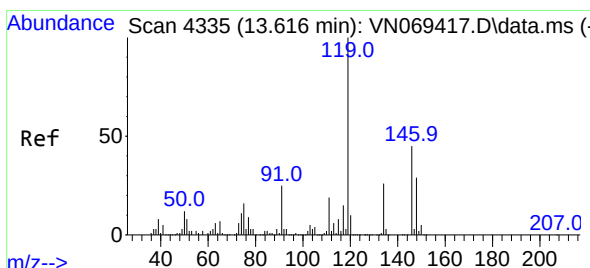
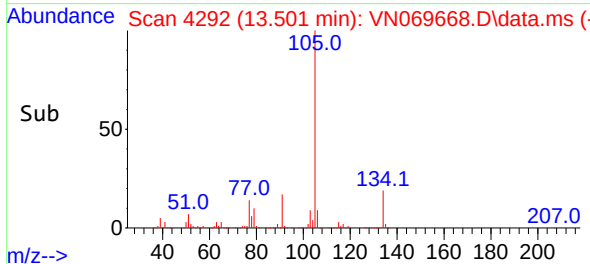
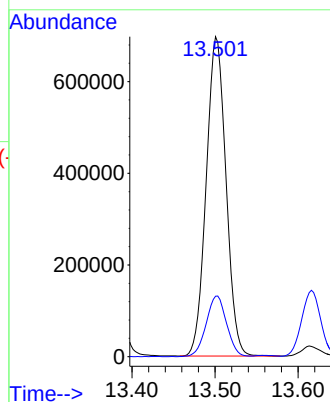
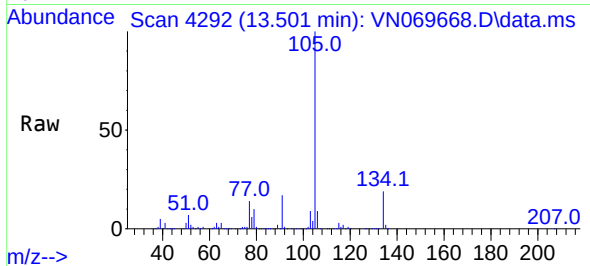
#85
 sec-Butylbenzene
 Concen: 20.671 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion:105 Resp: 114941
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

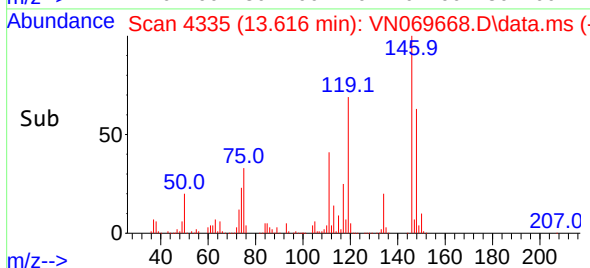
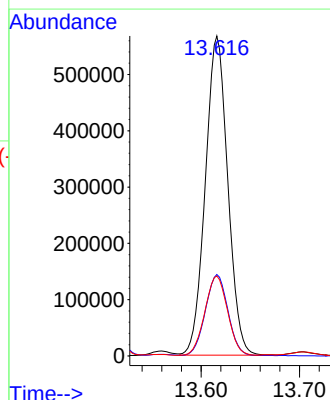
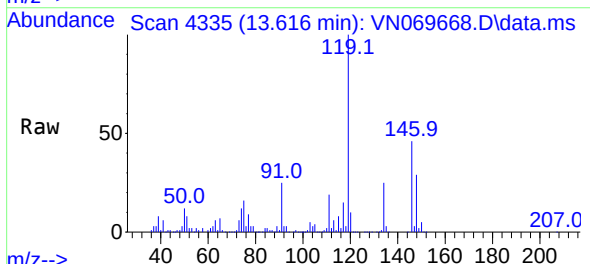
Manual Integrations
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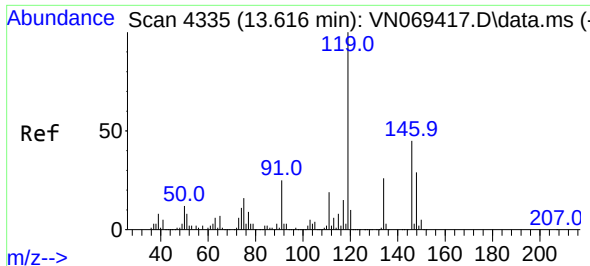
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021



#86
 p-Isopropyltoluene
 Concen: 20.362 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069668.D
 Acq: 29 Nov 2021 17:01

Tgt Ion:119 Resp: 898833
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.2 11.4 34.1





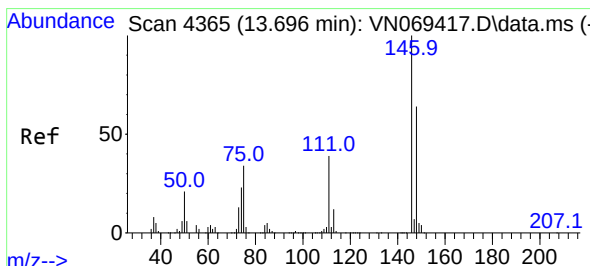
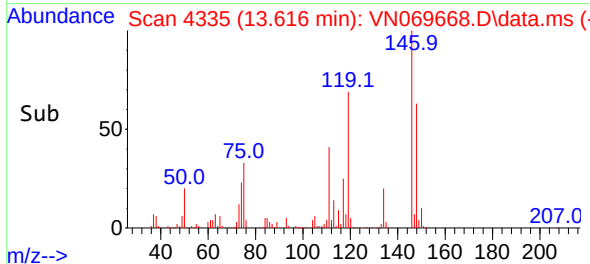
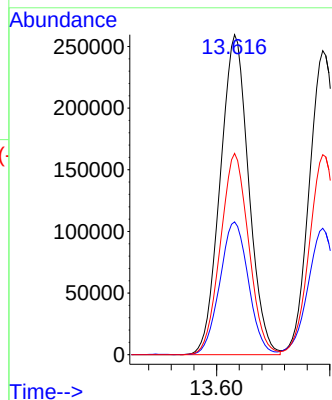
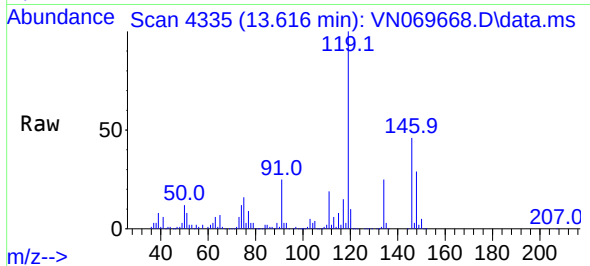
#87
1,3-Dichlorobenzene
Concen: 20.322 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:146 Resp: 452760
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 62.7 31.6 95.0

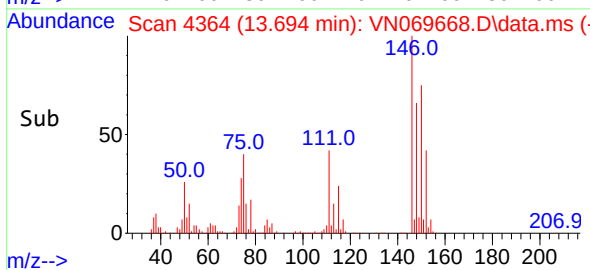
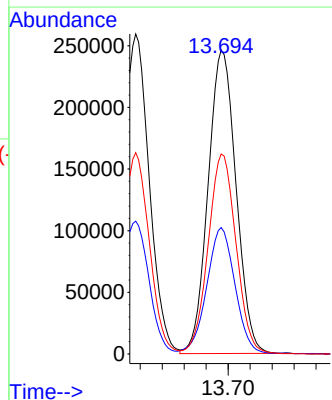
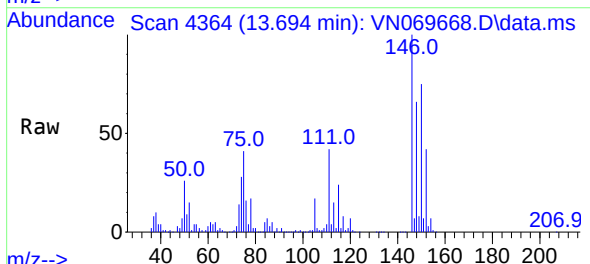
Manual Integrations
APPROVED

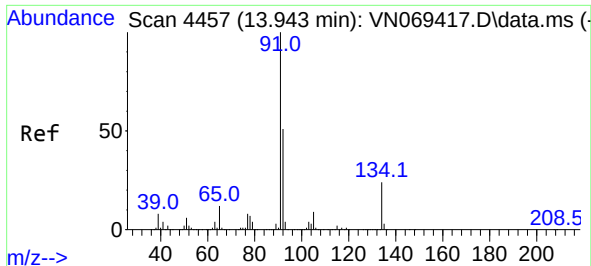
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#88
1,4-Dichlorobenzene
Concen: 19.896 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

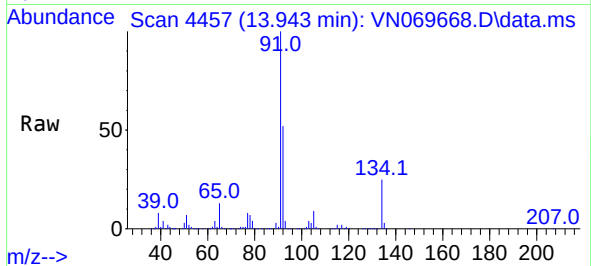
Tgt Ion:146 Resp: 434862
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 66.1 31.8 95.4





#89
n-Butylbenzene
Concen: 19.353 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

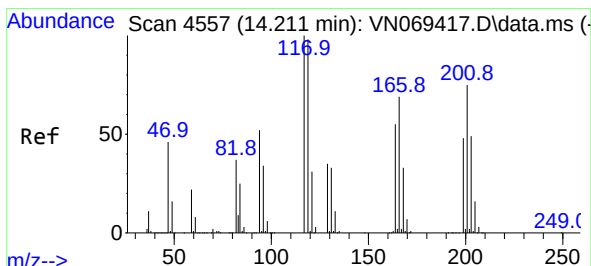
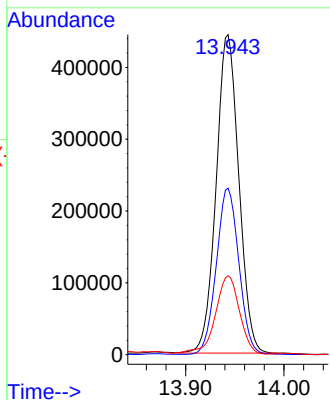
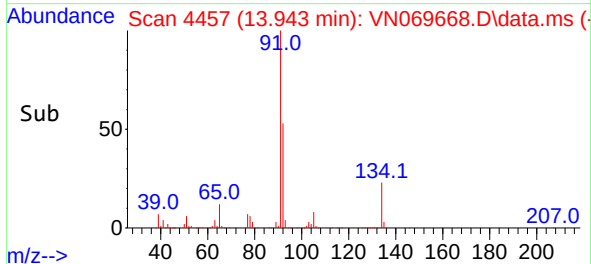
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 91 Resp: 712380
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 26.1 13.6 40.8

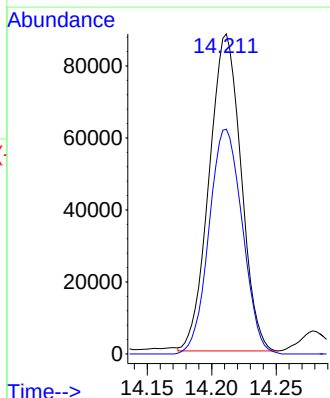
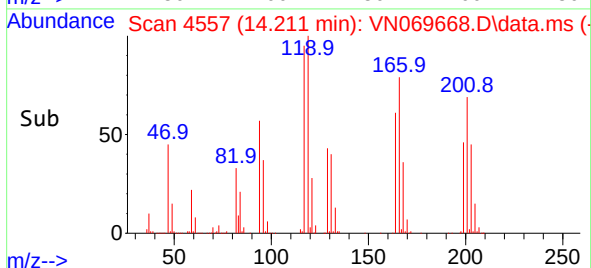
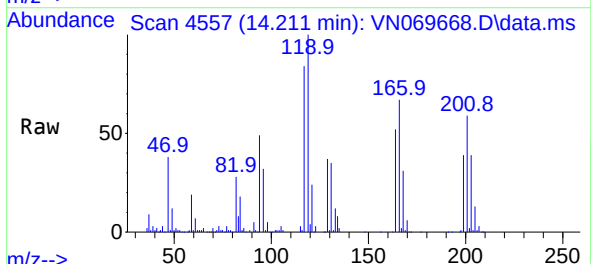
Manual Integrations
APPROVED

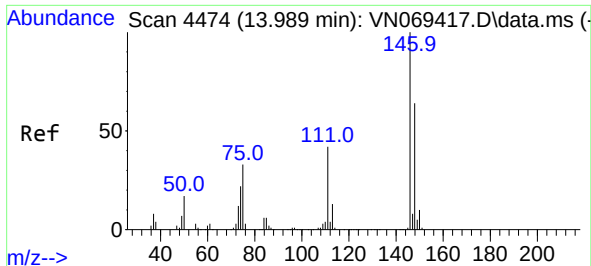
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 20.035 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

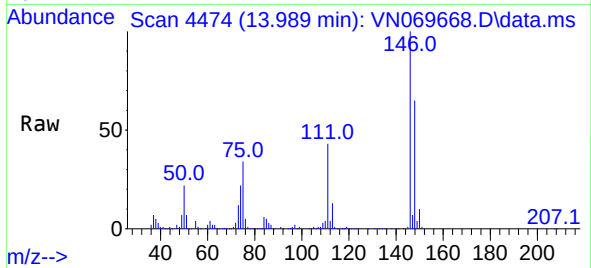
Tgt Ion:117 Resp: 151565
Ion Ratio Lower Upper
117 100
201 74.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.338 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

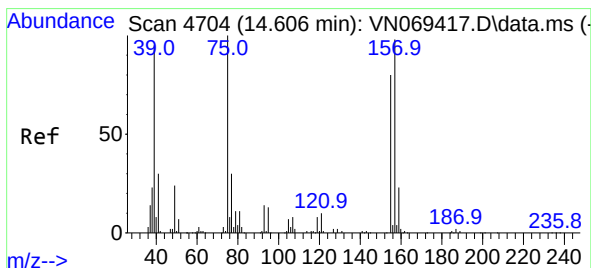
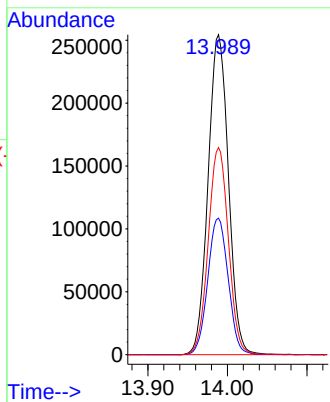
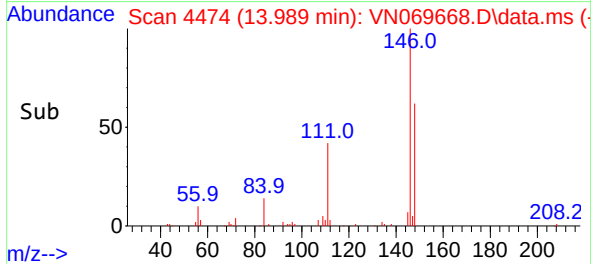
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:146 Resp: 452369
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 64.2 32.1 96.3

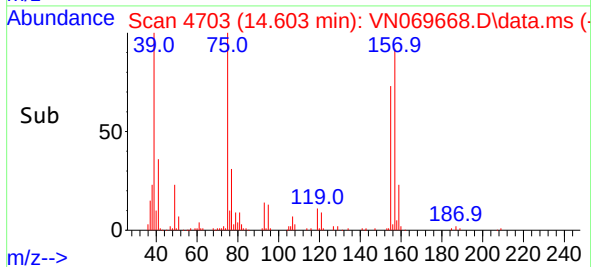
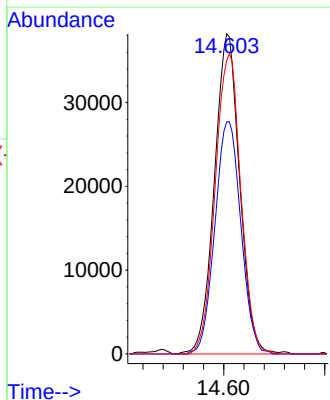
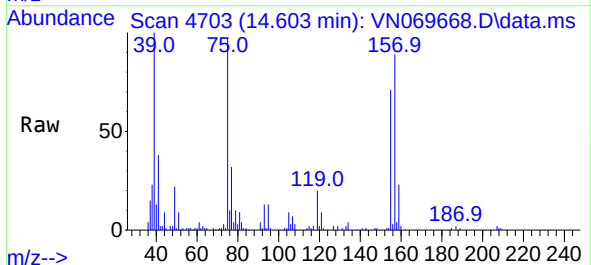
Manual Integrations
APPROVED

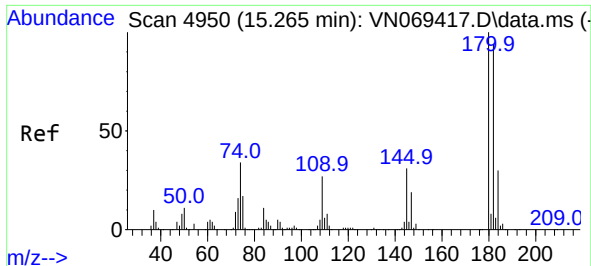
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.921 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

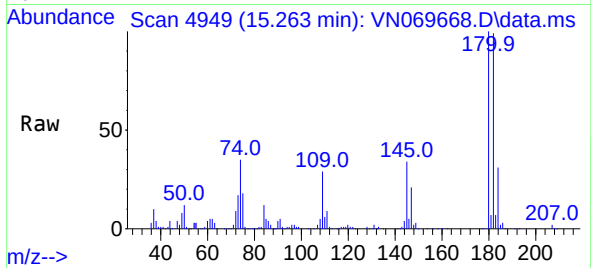
Tgt Ion: 75 Resp: 66237
Ion Ratio Lower Upper
75 100
155 74.6 46.9 140.7
157 95.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.890 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

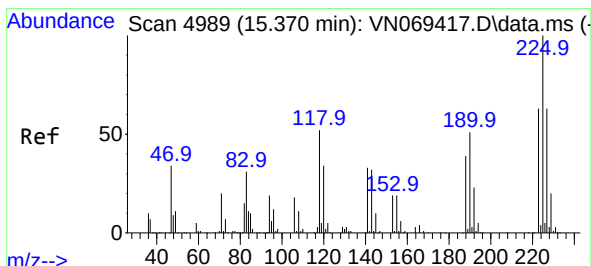
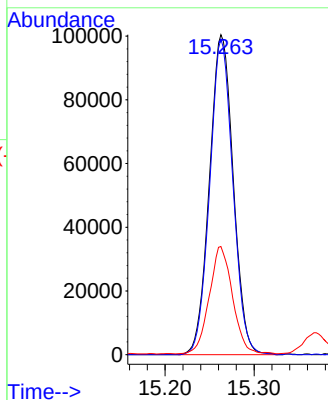
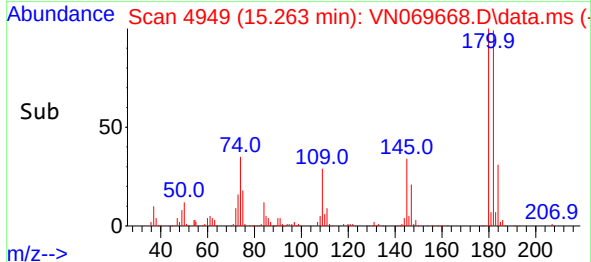
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



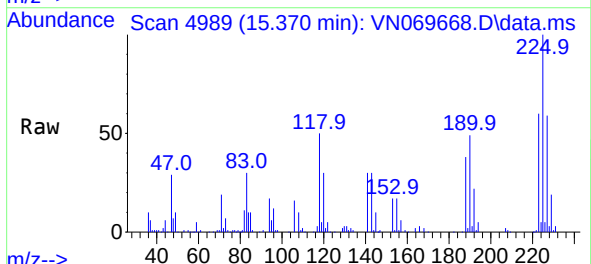
Tgt Ion:180 Resp: 18688
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 32.7 14.5 43.5

Manual Integrations
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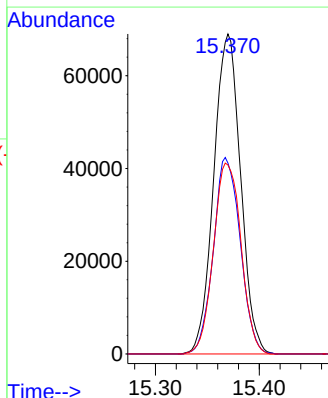
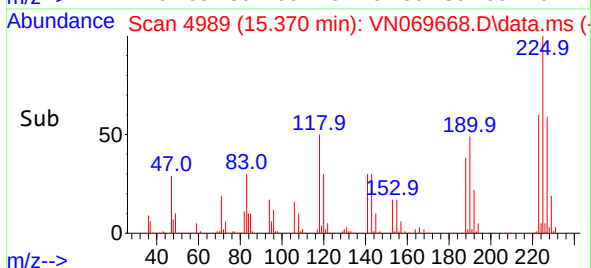
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

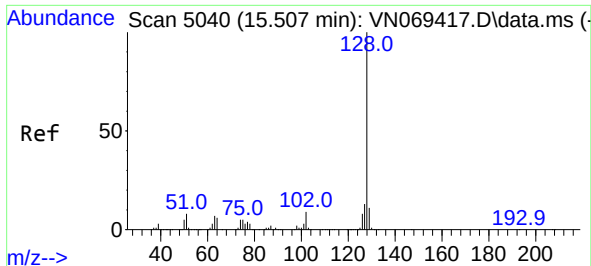


#94
Hexachlorobutadiene
Concen: 22.510 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



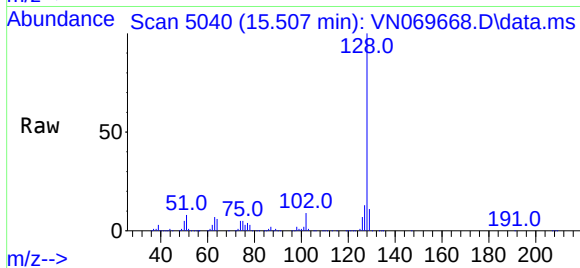
Tgt Ion:225 Resp: 123996
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.7
227 61.3 32.1 96.3





#95
Naphthalene
Concen: 36.047 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01

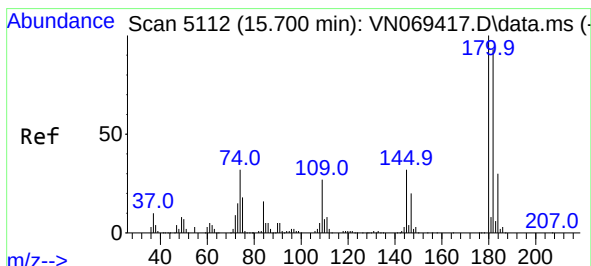
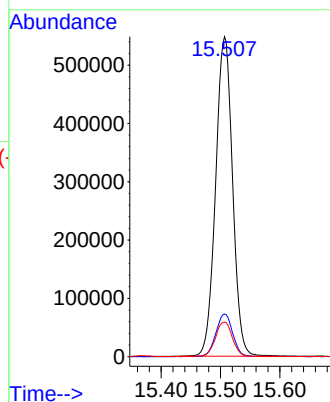
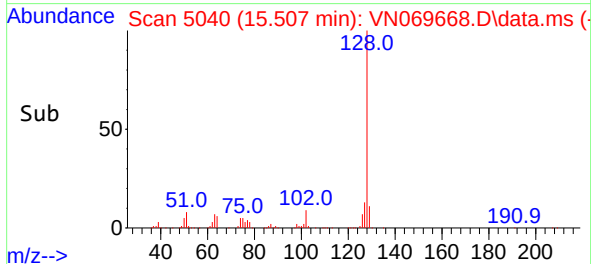
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



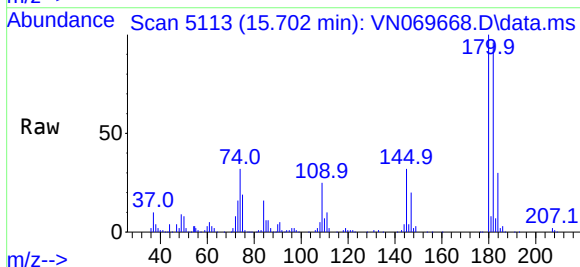
Tgt Ion:128 Resp: 108655
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.277 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069668.D
Acq: 29 Nov 2021 17:01



Tgt Ion:180 Resp: 182670
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 33.4 15.0 45.1

