

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069762.D
 Acq On : 4 Dec 2021 13:49
 Operator : JC/MD
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Quant Time: Dec 04 16:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1492594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	619130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	785534	50.166	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.340%	
35) Dibromofluoromethane	8.021	113	531570	51.607	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.220%	
50) Toluene-d8	10.440	98	2081761	50.333	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.731	95	725990	48.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	248720	21.027	ug/l	99
3) Chloromethane	2.303	50	282301	19.050	ug/l	95
4) Vinyl Chloride	2.448	62	268404	19.698	ug/l	98
5) Bromomethane	2.859	94	150851	20.377	ug/l	100
6) Chloroethane	3.022	64	163173	19.542	ug/l	99
7) Trichlorofluoromethane	3.379	101	360439	20.155	ug/l	98
8) Diethyl Ether	3.821	74	142062	20.625	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	207967	20.745	ug/l	96
10) Methyl Iodide	4.419	142	208099	15.195	ug/l	97
11) Tert butyl alcohol	5.380	59	255826	86.432	ug/l	100
12) 1,1-Dichloroethene	4.181	96	193734	20.055	ug/l	90
13) Acrolein	4.041	56	227361	90.202	ug/l	99
14) Allyl chloride	4.841	41	433778	19.927	ug/l	94
15) Acrylonitrile	5.557	53	758286	95.074	ug/l	99
16) Acetone	4.288	43	880214	93.447	ug/l	96
17) Carbon Disulfide	4.532	76	507631	20.340	ug/l	99
18) Methyl Acetate	4.857	43	535061	18.819	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	773856	20.602	ug/l	94
20) Methylene Chloride	5.098	84	241864	19.315	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	208104	19.834	ug/l	87
22) Diisopropyl ether	6.498	45	905420	21.280	ug/l	95
23) Vinyl Acetate	6.434	43	3685277	106.466	ug/l	94
24) 1,1-Dichloroethane	6.385	63	453892	20.594	ug/l	98
25) 2-Butanone	7.337	43	1169640	91.391	ug/l	91
26) 2,2-Dichloropropane	7.324	77	339807	19.830	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	253687	20.012	ug/l	87
28) Bromochloromethane	7.657	49	224792	19.614	ug/l #	78
29) Tetrahydrofuran	7.686	42	725536	93.360	ug/l	88
30) Chloroform	7.818	83	458137	20.582	ug/l	99
31) Cyclohexane	8.094	56	440791	20.228	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	381840	20.139	ug/l	96
36) 1,1-Dichloropropene	8.222	75	329538	21.051	ug/l	96
37) Ethyl Acetate	7.413	43	442314	18.984	ug/l	94
38) Carbon Tetrachloride	8.206	117	313314	20.410	ug/l	98
39) Methylcyclohexane	9.459	83	396689	21.304	ug/l	90
40) Benzene	8.461	78	998406	20.865	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	223148	20.402	ug/l	89
42) 1,2-Dichloroethane	8.531	62	407187	21.080	ug/l	97
43) Isopropyl Acetate	8.563	43	688022	19.954	ug/l #	94
44) Trichloroethene	9.215	130	239317	20.955	ug/l	94
45) 1,2-Dichloropropane	9.488	63	273123	21.256	ug/l	99
46) Dibromomethane	9.577	93	176507	20.945	ug/l	93
47) Bromodichloromethane	9.762	83	339091	21.252	ug/l	99
48) Methyl methacrylate	9.561	41	321896	20.005	ug/l	89
49) 1,4-Dioxane	9.572	88	110629	383.171	ug/l #	81
51) 4-Methyl-2-Pentanone	10.331	43	2218056	99.162	ug/l	96
52) Toluene	10.505	92	614201	21.025	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	347617	19.894	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	386220	20.406	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	243803	20.684	ug/l	98
56) Ethyl methacrylate	10.762	69	399236	19.412	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	434483	20.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	431788	84.995	ug/l	91
59) 2-Hexanone	11.084	43	1601875	94.670	ug/l	93
60) Dibromochloromethane	11.237	129	233989	20.023	ug/l	99
61) 1,2-Dibromoethane	11.347	107	250228	20.496	ug/l	99
64) Tetrachloroethene	10.977	164	219128	21.651	ug/l	96
65) Chlorobenzene	11.771	112	634409	20.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	228776	21.466	ug/l	100
67) Ethyl Benzene	11.846	91	1176438	21.388	ug/l	98
68) m/p-Xylenes	11.953	106	861558	43.019	ug/l	92
69) o-Xylene	12.280	106	425014	21.069	ug/l	91
70) Styrene	12.294	104	676309	21.143	ug/l	95
71) Bromoform	12.457	173	159609	19.284	ug/l #	100
73) Isopropylbenzene	12.578	105	1117778	20.292	ug/l	98
74) N-amyl acetate	12.388	43	464208	19.055	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	377586	19.822	ug/l	100
76) 1,2,3-Trichloropropane	12.878	75	455463	25.652	ug/l	73
77) Bromobenzene	12.860	156	258280	19.962	ug/l	79
78) n-propylbenzene	12.921	91	1258084	20.524	ug/l	96
79) 2-Chlorotoluene	13.007	91	777023	20.061	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	914765	20.632	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	87737	18.920	ug/l	88
82) 4-Chlorotoluene	13.106	91	749950	20.589	ug/l	92
83) tert-Butylbenzene	13.324	119	793186	20.204	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	898701	21.284	ug/l	97
85) sec-Butylbenzene	13.503	105	1075384	20.194	ug/l	98
86) p-Isopropyltoluene	13.616	119	860855	20.681	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	434733	20.452	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	420343	20.123	ug/l	97
89) n-Butylbenzene	13.943	91	670433	19.856	ug/l	98
90) Hexachloroethane	14.211	117	138152	18.904	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	425704	20.554	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64937	18.866	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	184031	19.952	ug/l	98
94) Hexachlorobutadiene	15.370	225	114009	20.771	ug/l	99
95) Naphthalene	15.507	128	474468	18.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	178728	19.610	ug/l	98

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Response via : Initial Calibration

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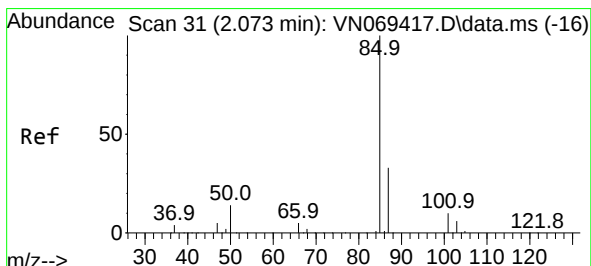
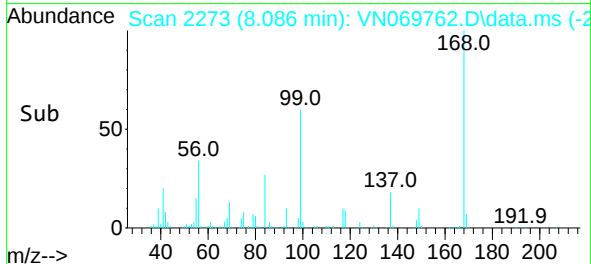
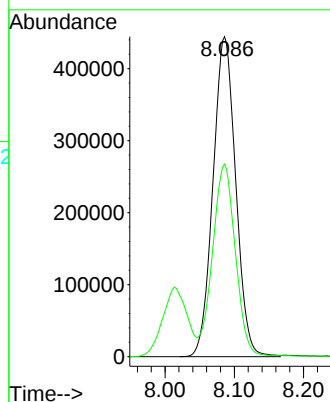
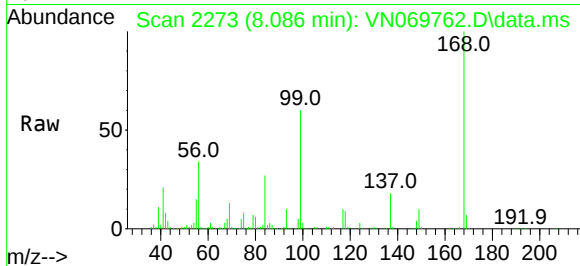
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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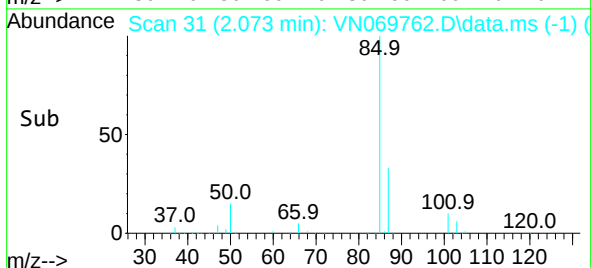
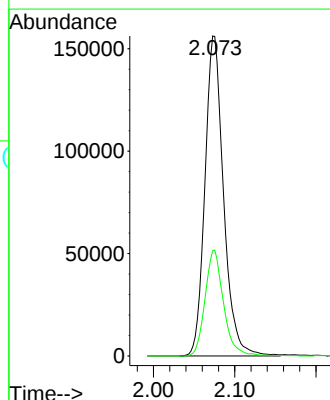
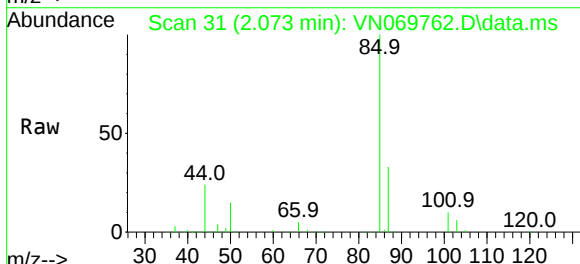
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:168 Resp: 1014157
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 21.027 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 85 Resp: 248720
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9

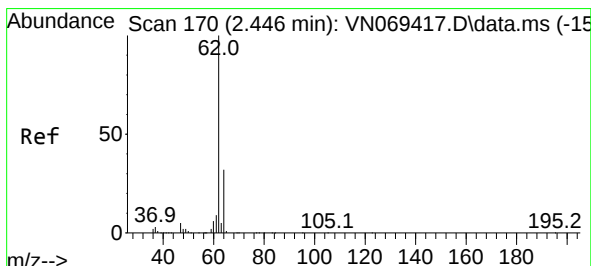
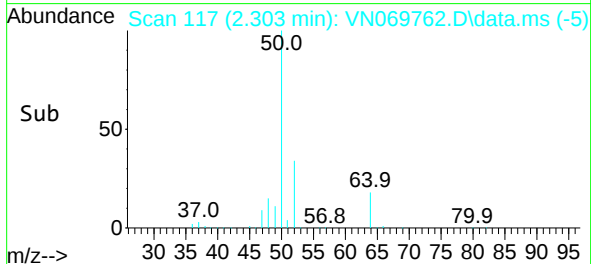
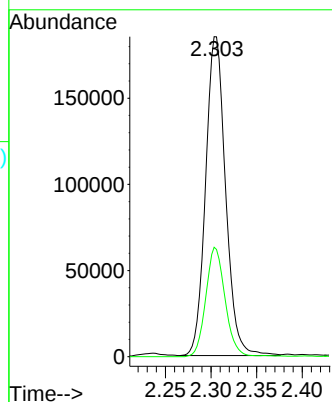
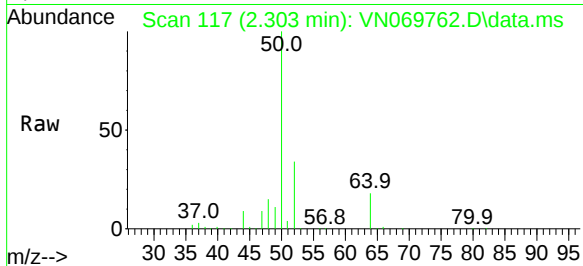




#3
Chloromethane
Concen: 19.050 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

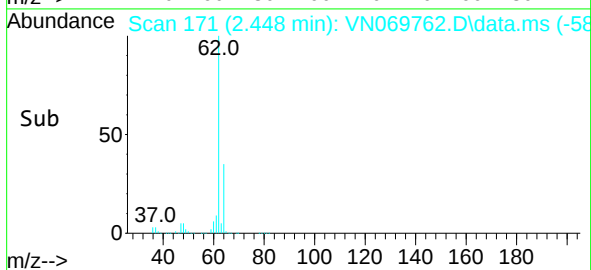
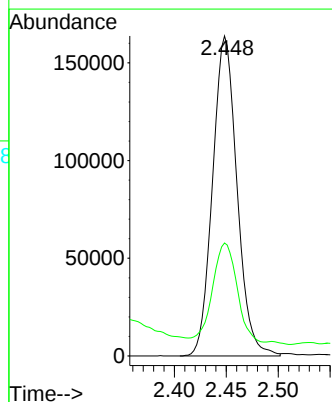
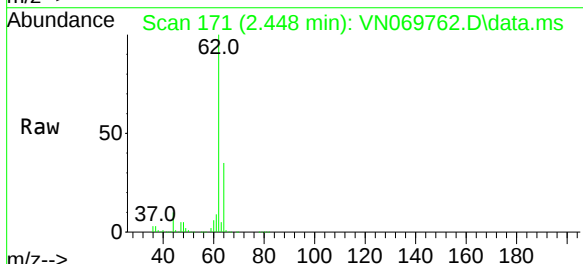
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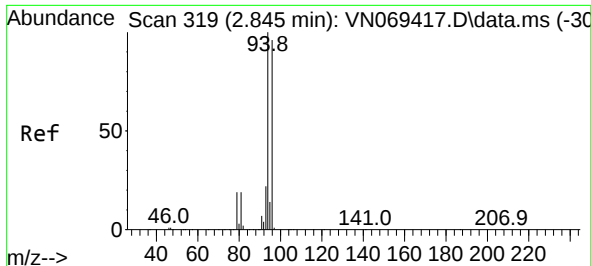
Tgt Ion: 50 Resp: 282301
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.0



#4
Vinyl Chloride
Concen: 19.698 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 62 Resp: 268404
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6

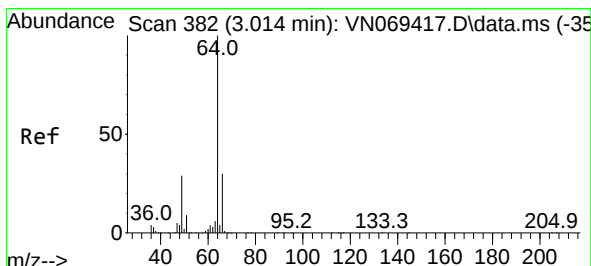
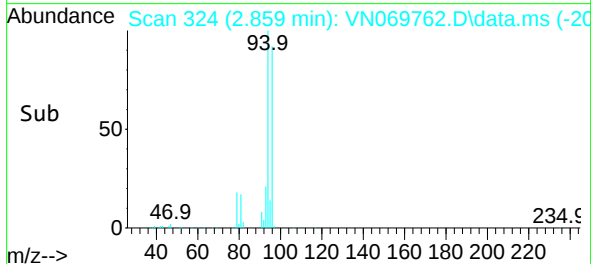
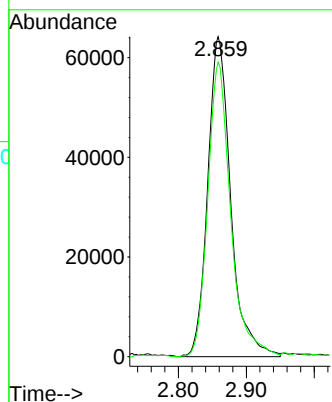
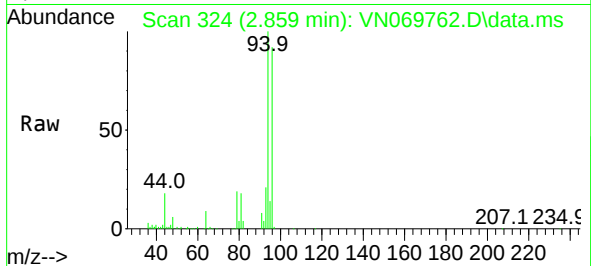




#5
Bromomethane
Concen: 20.377 ug/l
RT: 2.859 min Scan# 319
Delta R.T. 0.022 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

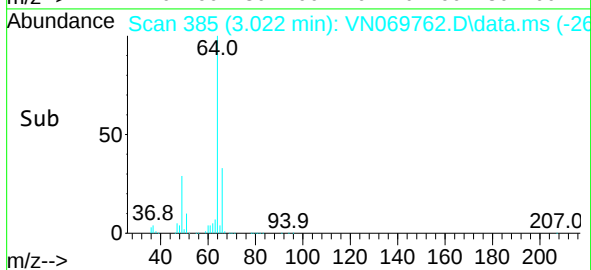
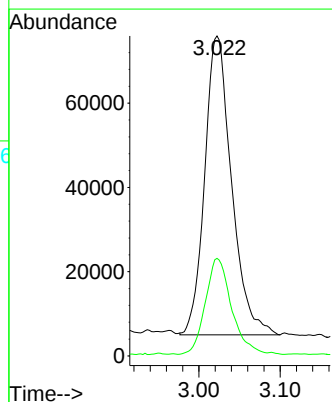
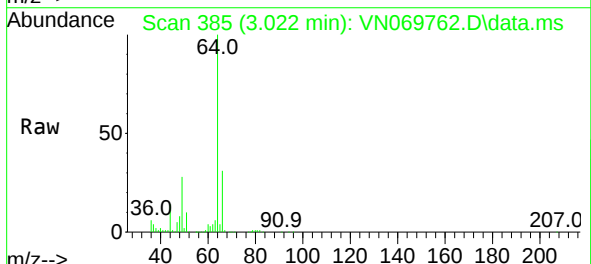
Instrument :
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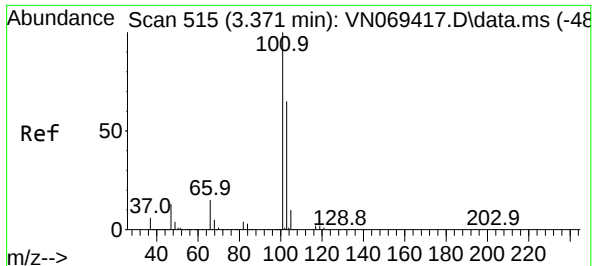
Tgt Ion: 94 Resp: 150851
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.8



#6
Chloroethane
Concen: 19.542 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.014 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 64 Resp: 163173
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5

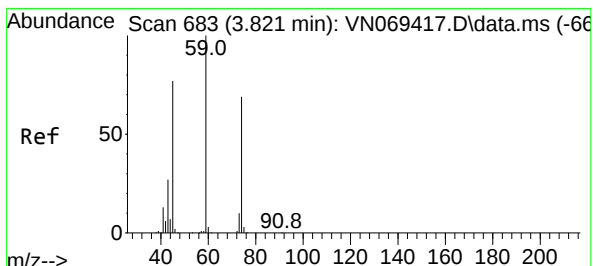
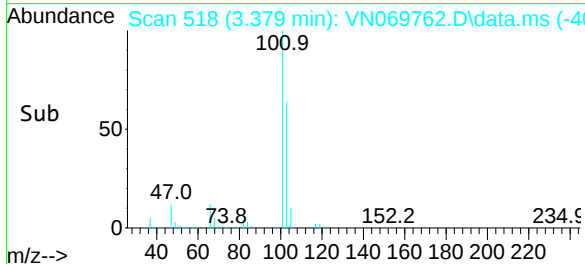
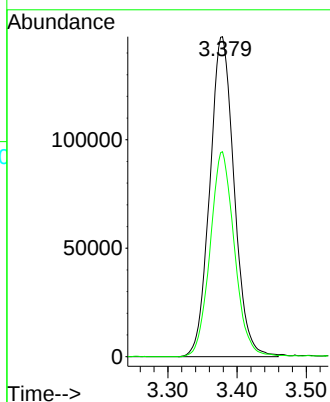
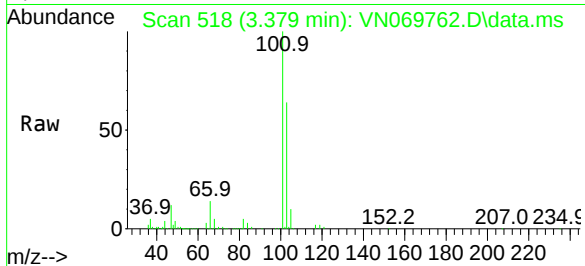




#7
 Trichlorofluoromethane
 Concen: 20.155 ug/l
 RT: 3.379 min Scan# 515
 Delta R.T. 0.011 min
 Lab File: VN069762.D
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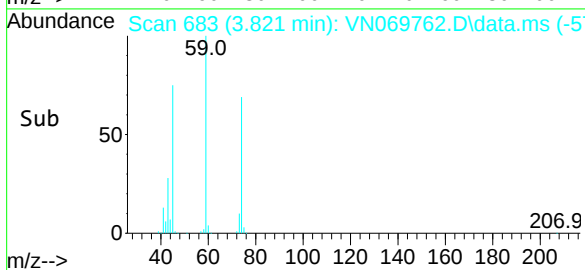
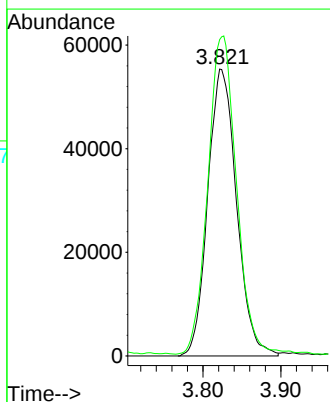
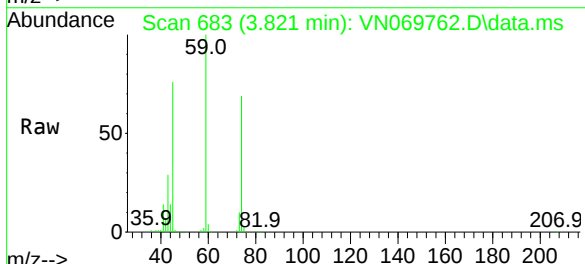
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Tgt Ion:101 Resp: 360439
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.625 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069762.D
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Tgt Ion: 74 Resp: 142062
 Ion Ratio Lower Upper
 74 100
 45 110.2 47.0 141.2

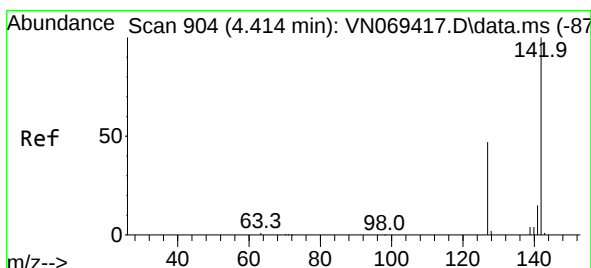
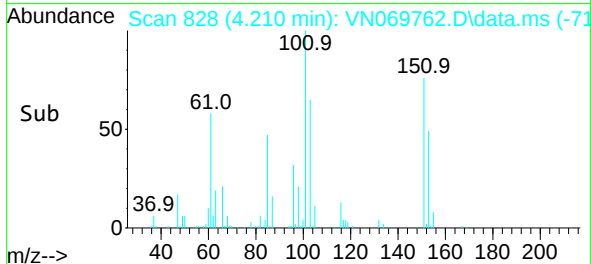
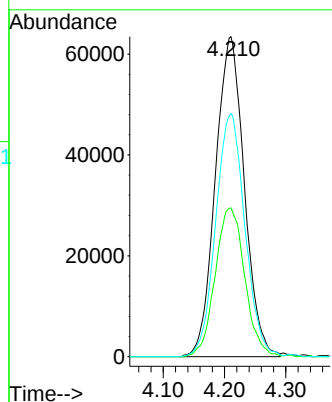
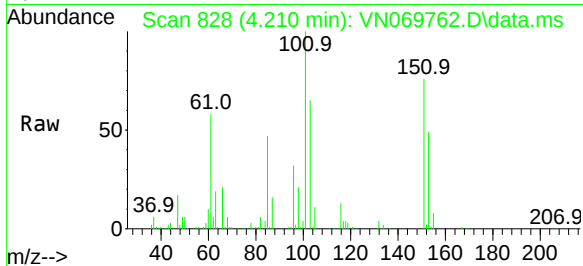




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.745 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
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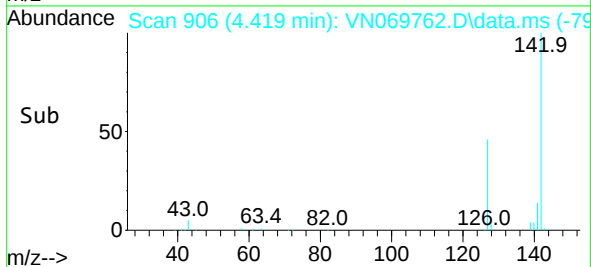
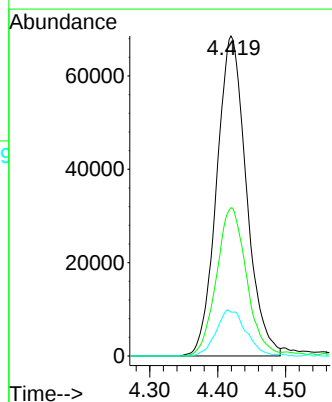
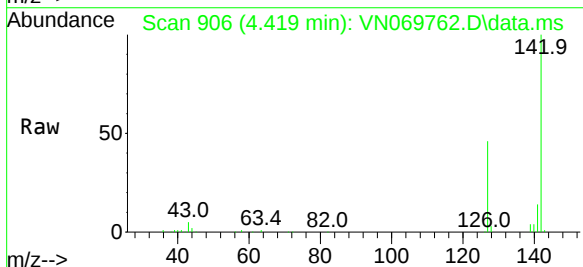
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Tgt Ion:101 Resp: 207967
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 76.9 65.9 98.9



#10
Methyl Iodide
Concen: 15.195 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
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Tgt Ion:142 Resp: 208099
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 86.432 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.011 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

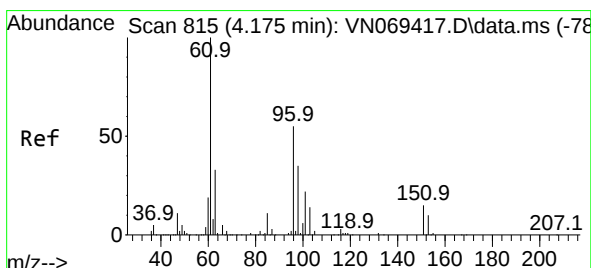
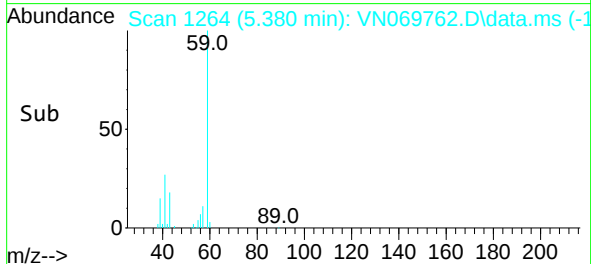
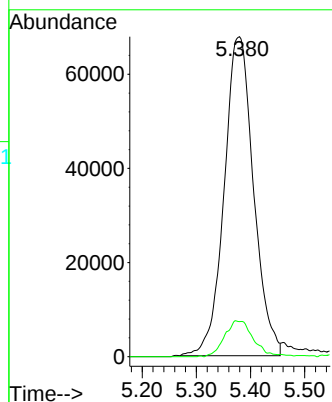
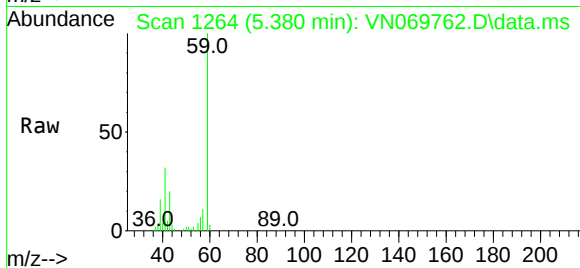
VN1204WBSD01

Tgt Ion: 59 Resp: 255826

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#12

1,1-Dichloroethene

Concen: 20.055 ug/l

RT: 4.181 min Scan# 817

Delta R.T. 0.006 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

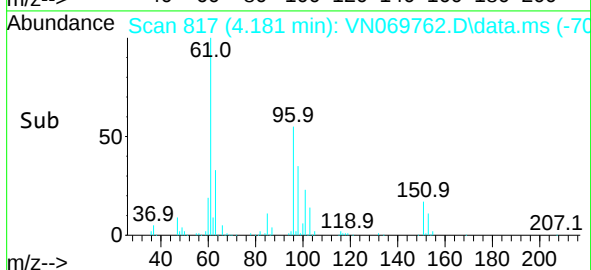
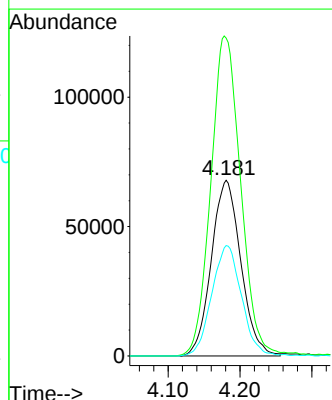
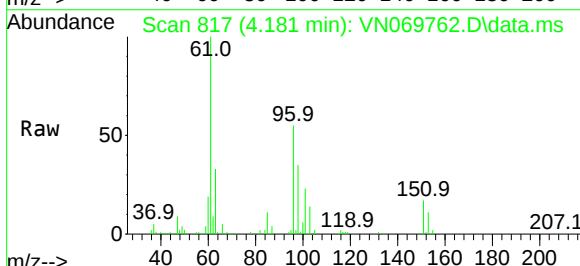
Tgt Ion: 96 Resp: 193734

Ion Ratio Lower Upper

96 100

61 180.5 131.0 196.6

98 62.9 52.4 78.6





#13

Acrolein

Concen: 90.202 ug/l

RT: 4.041 min Scan# 7

Delta R.T. 0.003 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

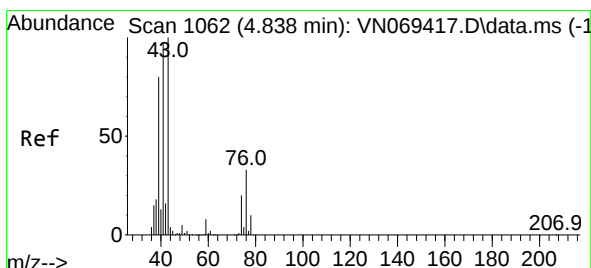
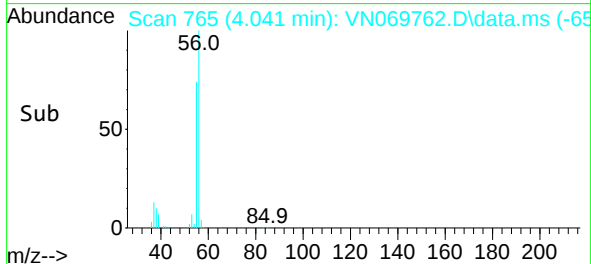
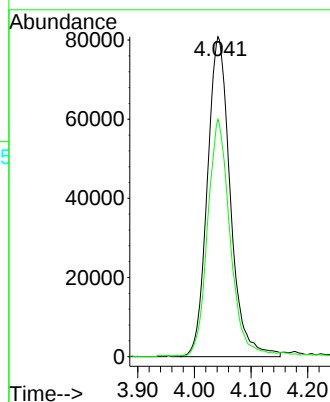
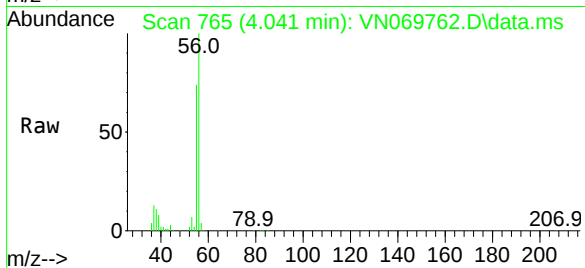
VN1204WBSD01

Tgt Ion: 56 Resp: 227361

Ion Ratio Lower Upper

56 100

55 71.3 56.6 85.0



#14

Allyl chloride

Concen: 19.927 ug/l

RT: 4.841 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

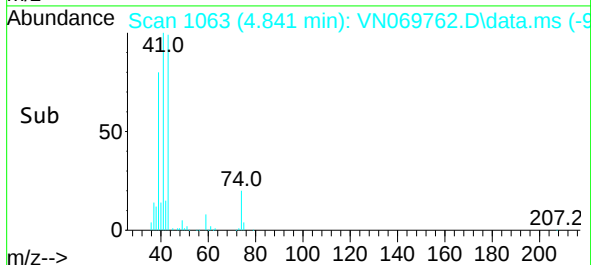
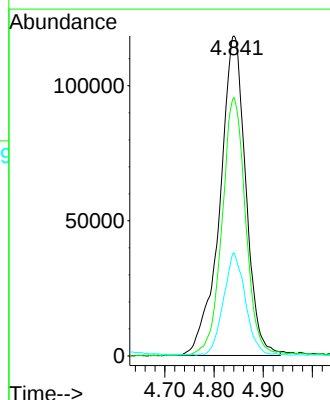
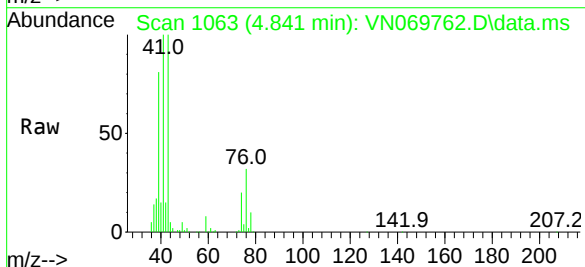
Tgt Ion: 41 Resp: 433778

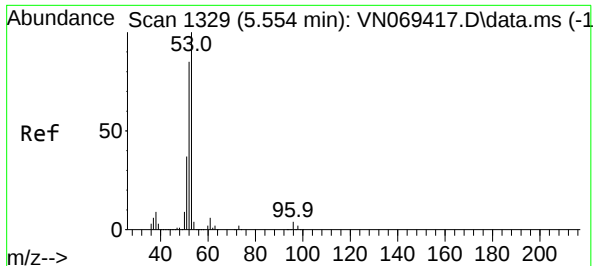
Ion Ratio Lower Upper

41 100

39 72.8 61.2 91.8

76 26.2 26.0 39.0

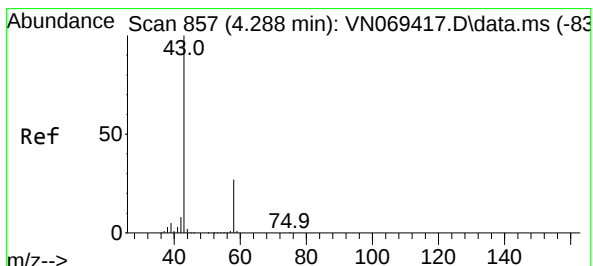
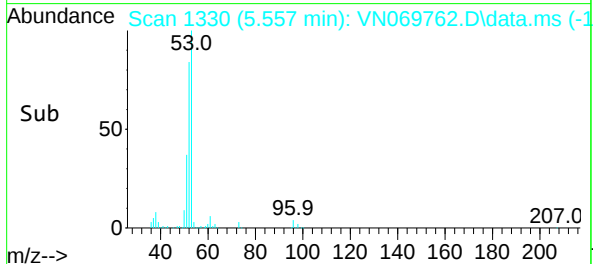
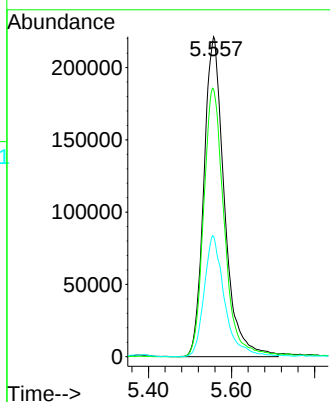
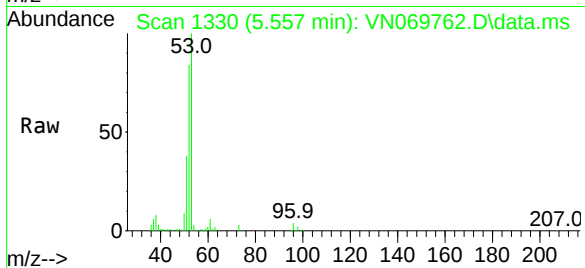




#15
Acrylonitrile
Concen: 95.074 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

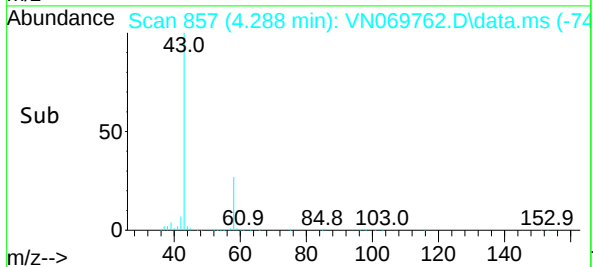
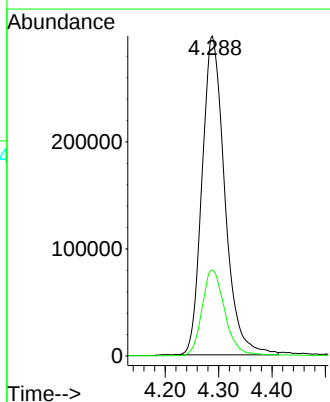
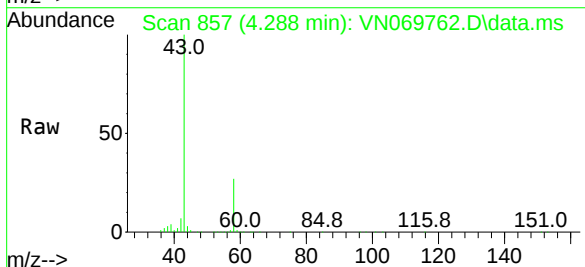
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

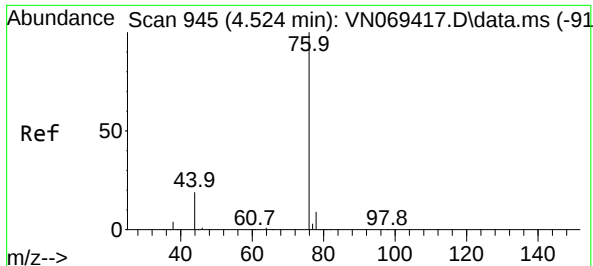
Tgt Ion: 53 Resp: 758286
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.3 29.6 44.4



#16
Acetone
Concen: 93.447 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 43 Resp: 880214
Ion Ratio Lower Upper
43 100
58 26.8 23.1 34.7

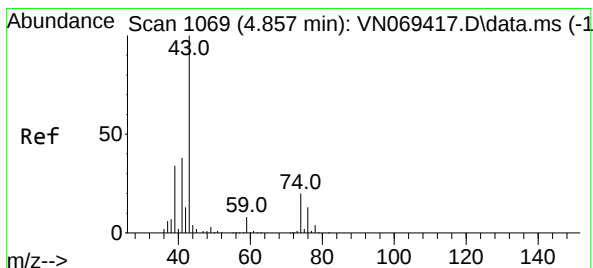
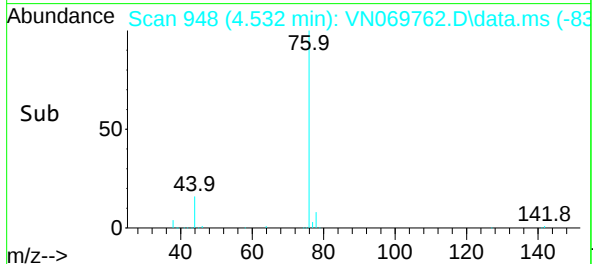
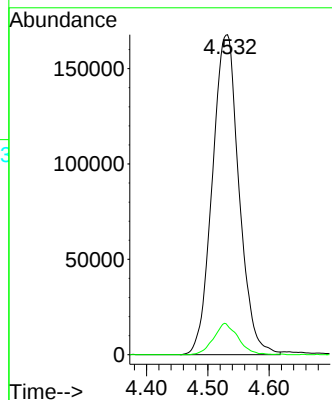
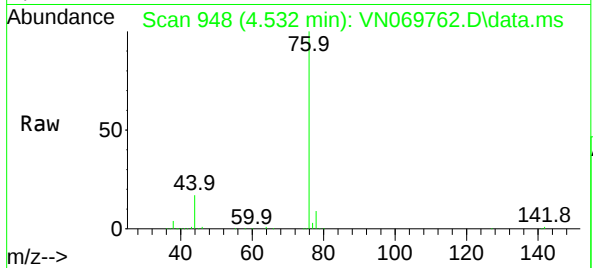




#17
Carbon Disulfide
Concen: 20.340 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

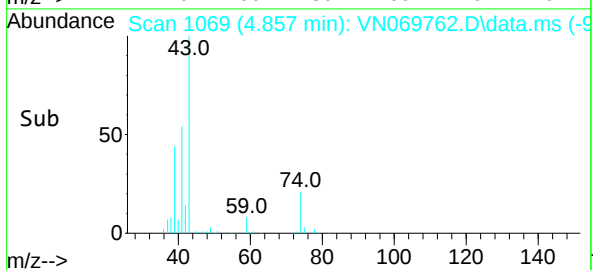
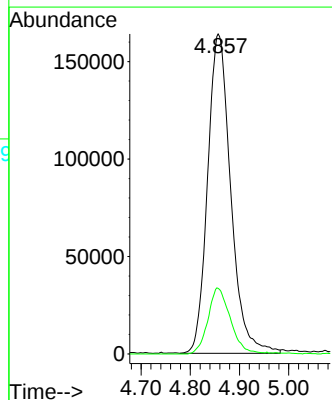
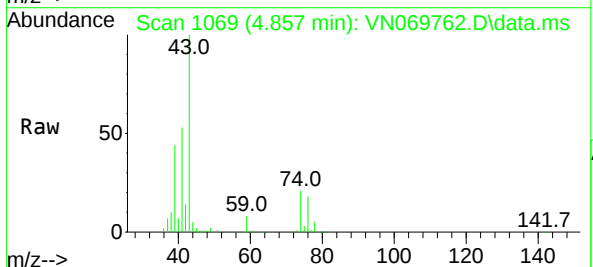
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

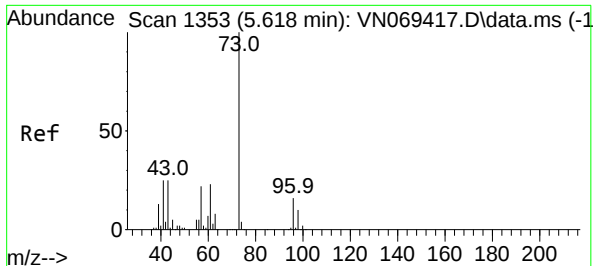
Tgt Ion: 76 Resp: 507631
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 18.819 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 43 Resp: 535061
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.602 ug/l

RT: 5.618 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

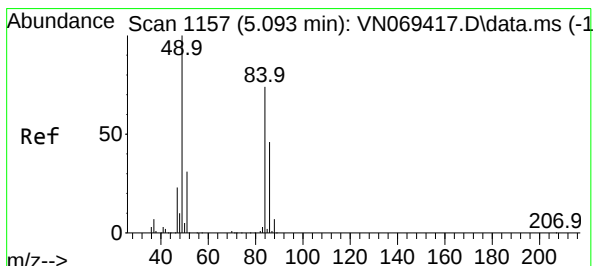
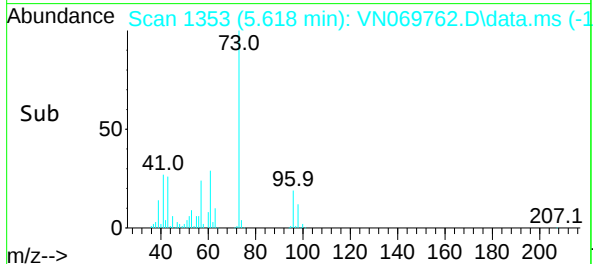
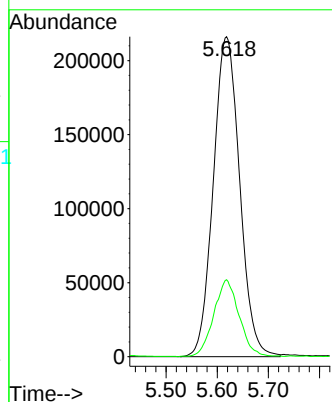
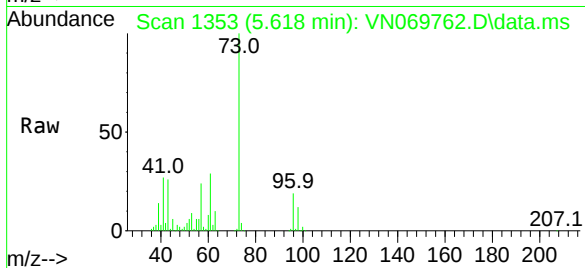
VN1204WBSD01

Tgt Ion: 73 Resp: 773856

Ion Ratio Lower Upper

73 100

57 23.9 16.8 25.2



#20

Methylene Chloride

Concen: 19.315 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Tgt Ion: 84 Resp: 241864

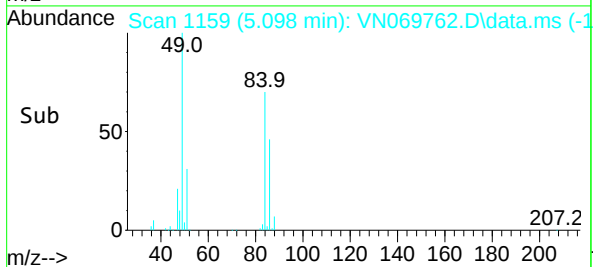
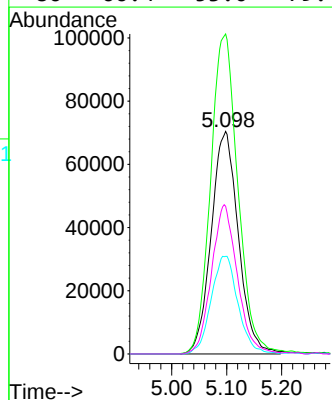
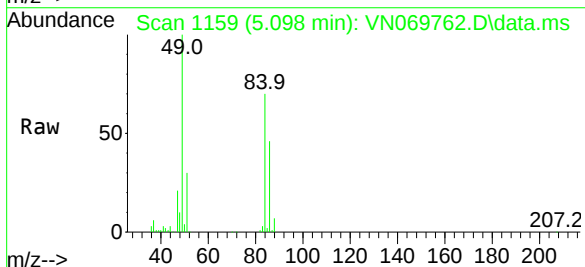
Ion Ratio Lower Upper

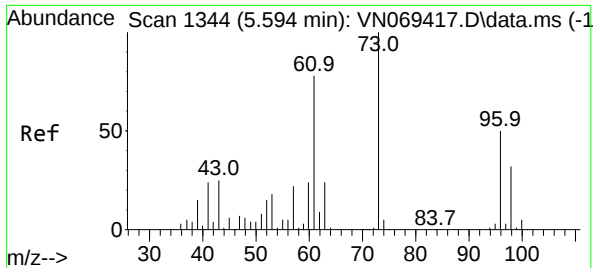
84 100

49 143.8 93.5 140.3#

51 43.8 29.4 44.2

86 66.4 53.0 79.4

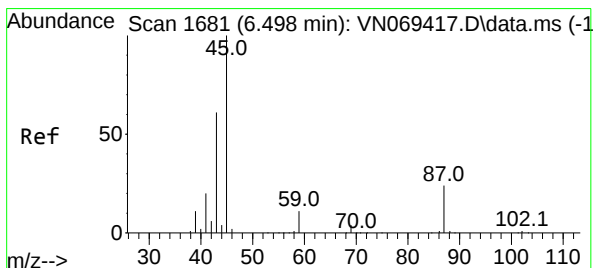
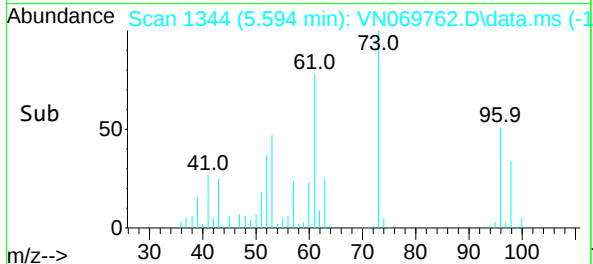
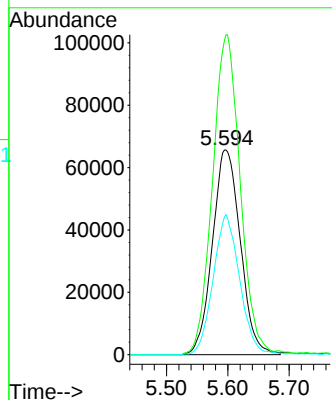
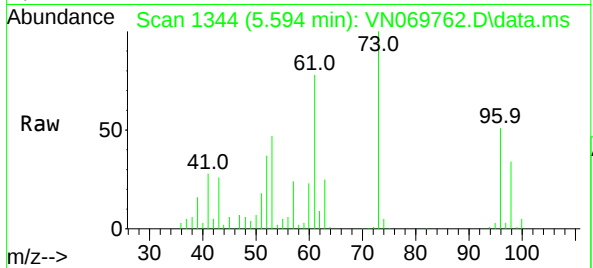




#21
trans-1,2-Dichloroethene
Concen: 19.834 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

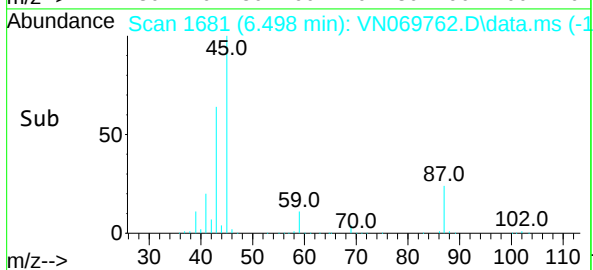
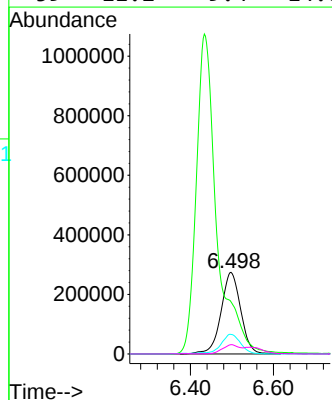
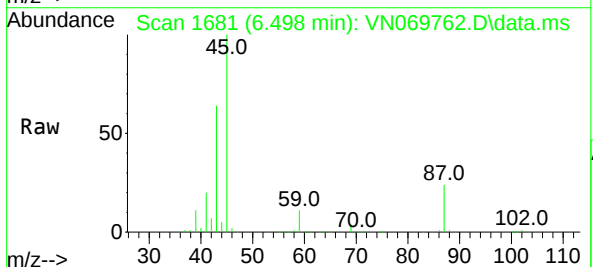
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

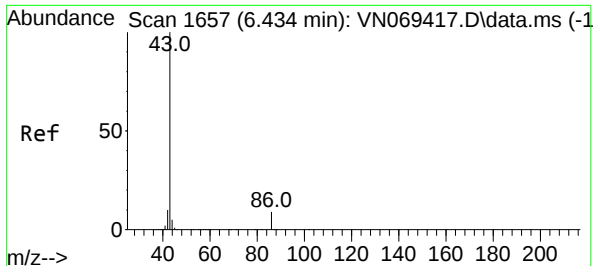
Tgt Ion: 96 Resp: 208104
Ion Ratio Lower Upper
96 100
61 153.3 105.8 158.6
98 67.2 52.0 78.0



#22
Diisopropyl ether
Concen: 21.280 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 45 Resp: 905420
Ion Ratio Lower Upper
45 100
43 61.8 51.7 77.5
87 23.8 23.2 34.8
59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 106.466 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

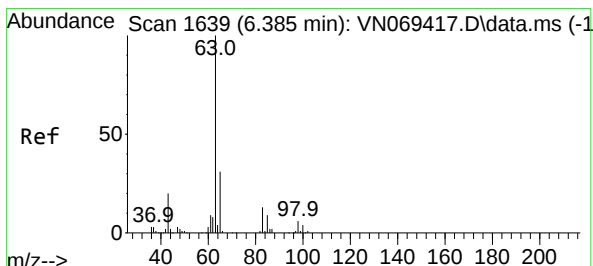
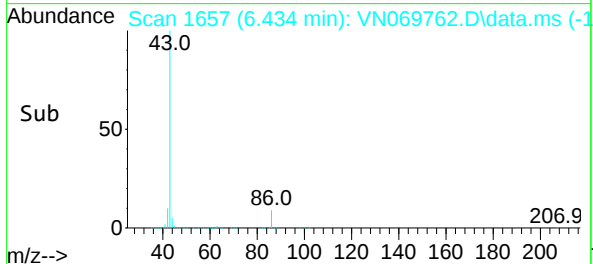
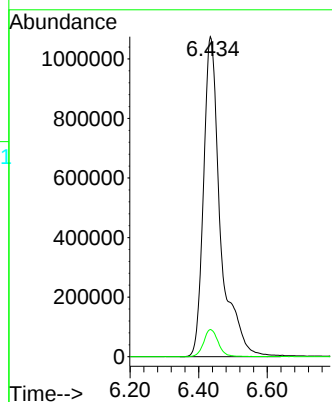
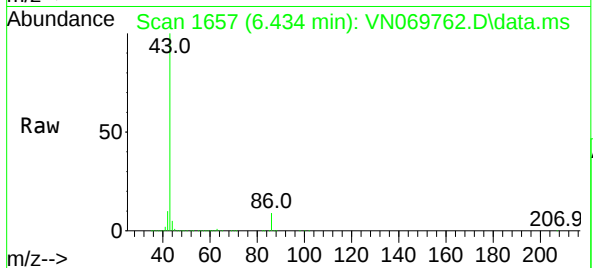
MSVOA_N

ClientSampleId :

VN1204WBSD01

Tgt Ion: 43 Resp: 3685277

Ion	Ratio	Lower	Upper
43	100		
86	8.5	8.5	12.7



#24

1,1-Dichloroethane

Concen: 20.594 ug/l

RT: 6.385 min Scan# 1639

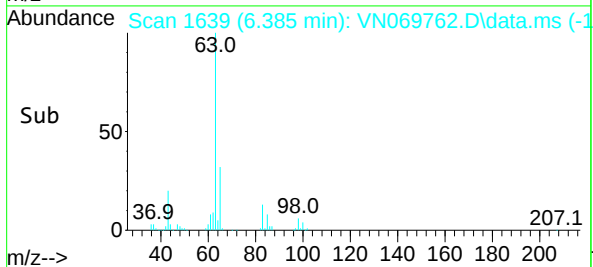
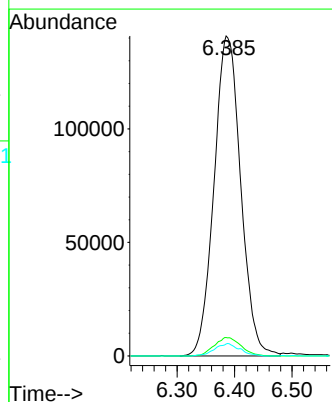
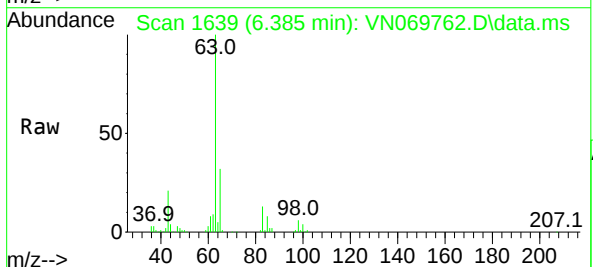
Delta R.T. -0.002 min

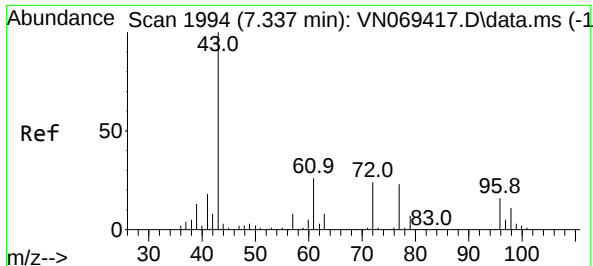
Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Tgt Ion: 63 Resp: 453892

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.3	9.9
100	3.8	2.1	6.5





#25

2-Butanone

Concen: 91.391 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

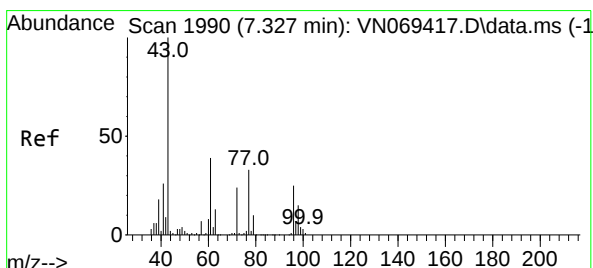
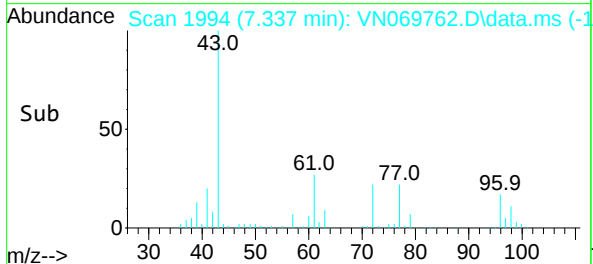
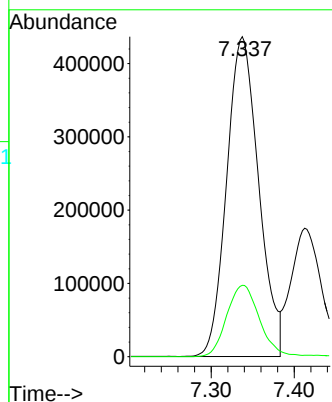
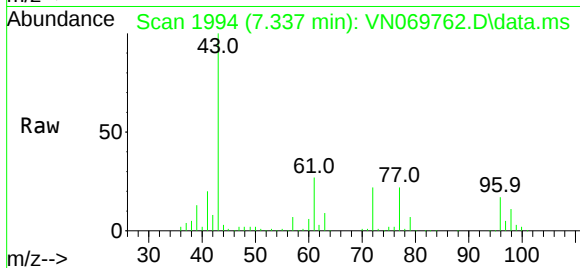
VN1204WBSD01

Tgt Ion: 43 Resp: 1169640

Ion Ratio Lower Upper

43 100

72 22.3 21.7 32.5



#26

2,2-Dichloropropane

Concen: 19.830 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN069762.D

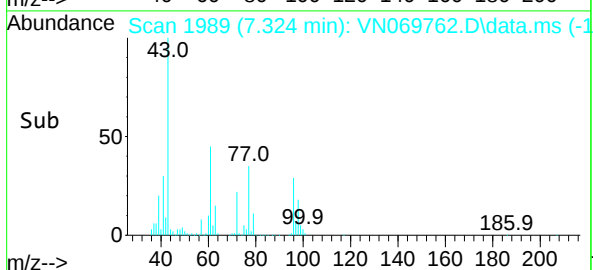
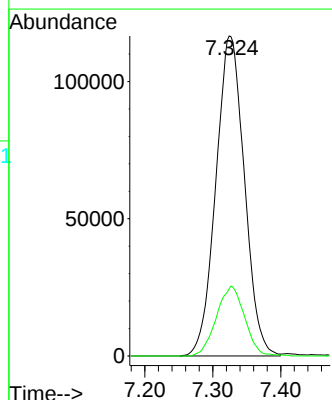
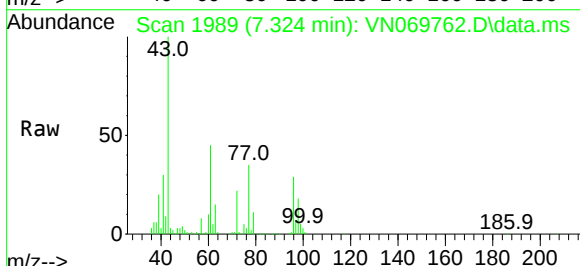
Acq: 4 Dec 2021 13:49

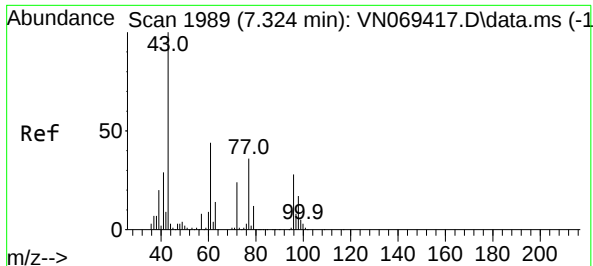
Tgt Ion: 77 Resp: 339807

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.012 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

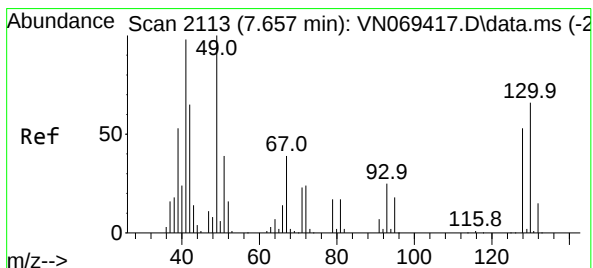
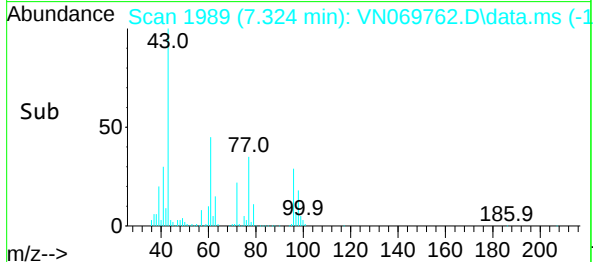
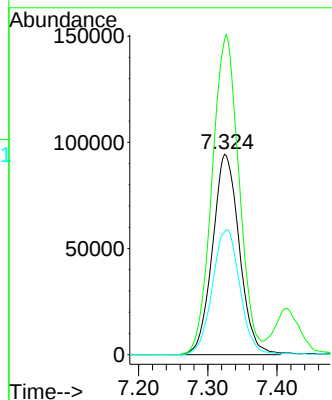
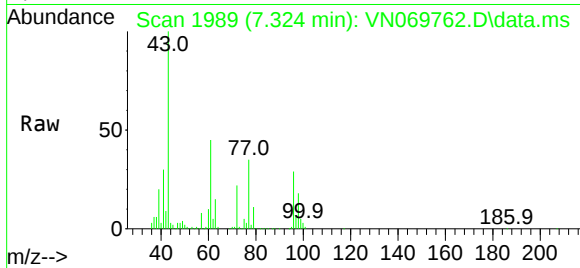
Tgt Ion: 96 Resp: 253687

Ion Ratio Lower Upper

96 100

61 160.6 0.0 275.0

98 64.1 0.0 129.6



#28

Bromochloromethane

Concen: 19.614 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

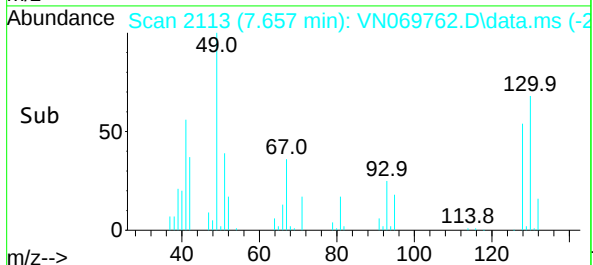
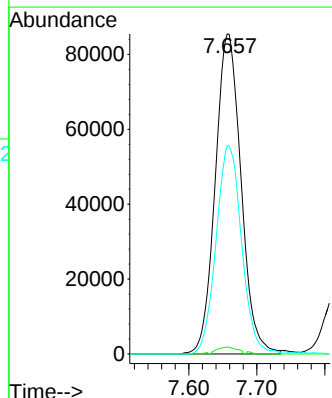
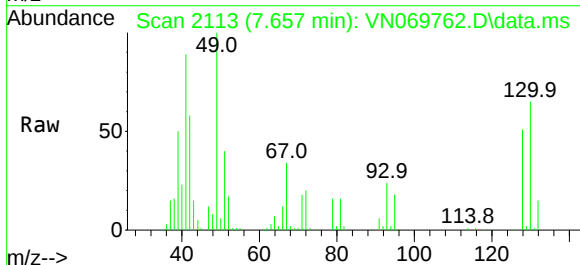
Tgt Ion: 49 Resp: 224792

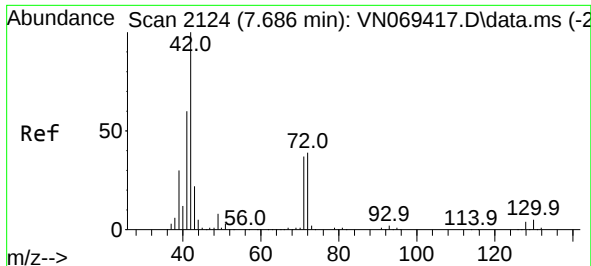
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 93.360 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

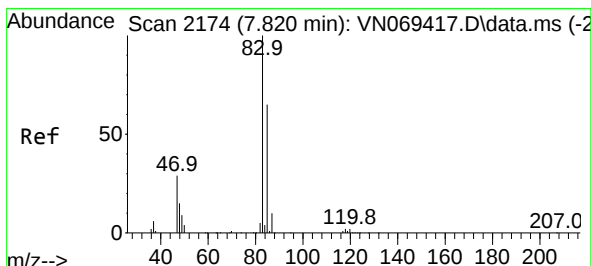
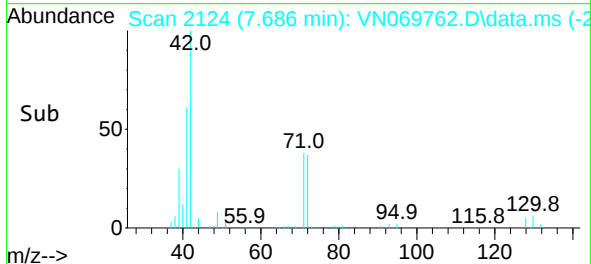
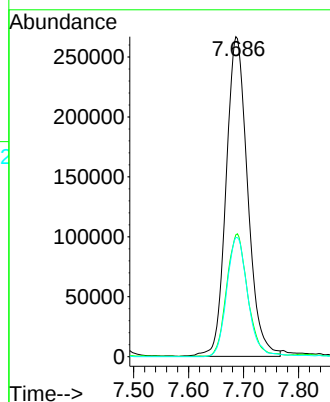
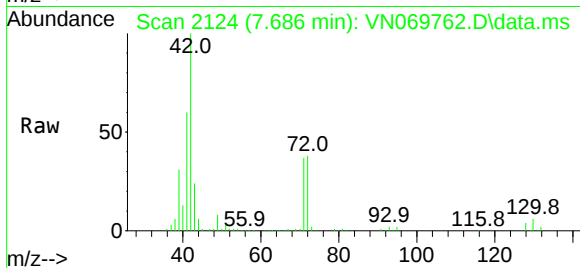
Tgt Ion: 42 Resp: 725536

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

71 36.5 34.7 52.1



#30

Chloroform

Concen: 20.582 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069762.D

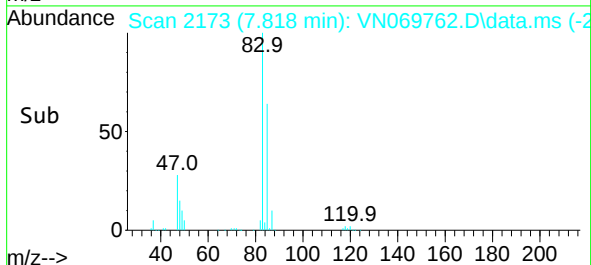
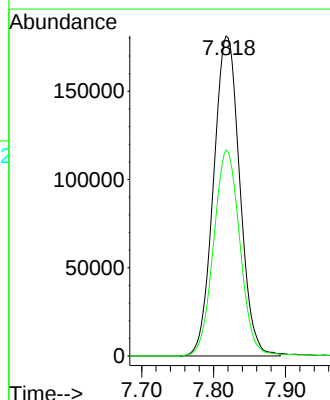
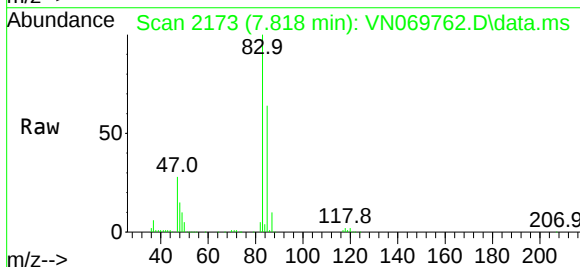
Acq: 4 Dec 2021 13:49

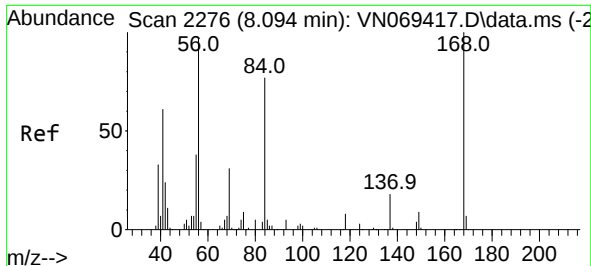
Tgt Ion: 83 Resp: 458137

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

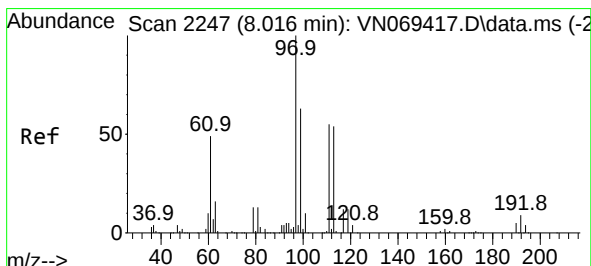
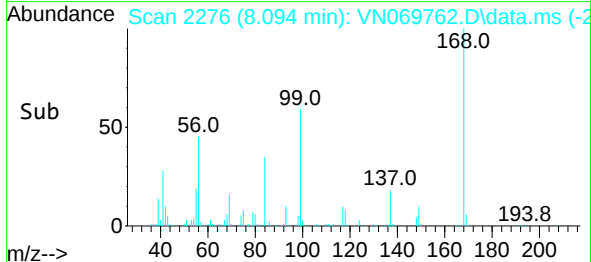
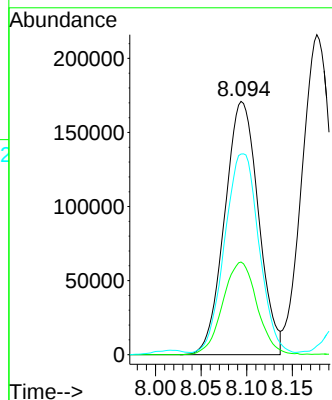
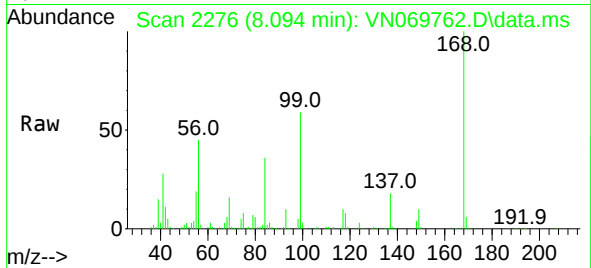




#31
Cyclohexane
Concen: 20.228 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

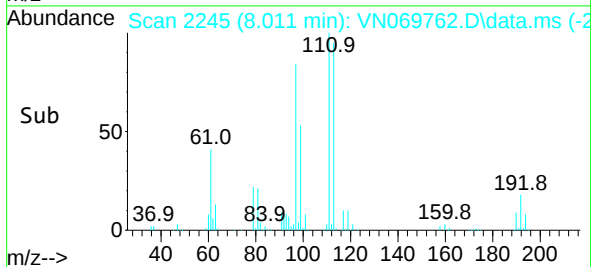
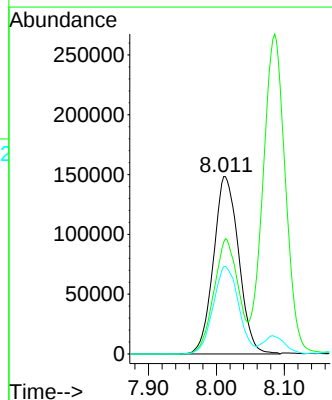
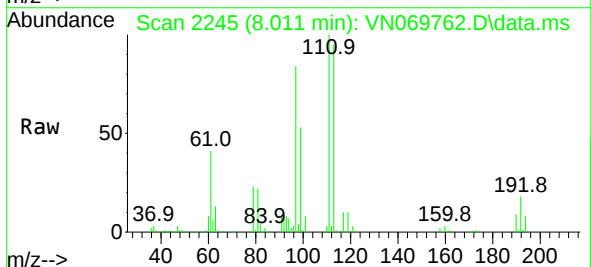
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

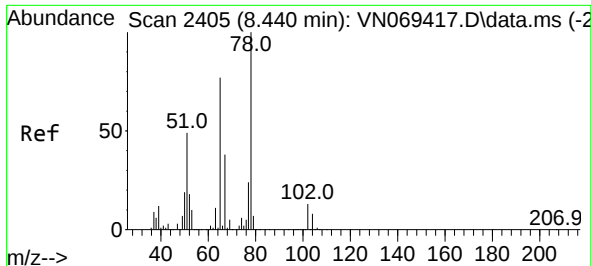
Tgt Ion: 56 Resp: 440791
Ion Ratio Lower Upper
56 100
69 36.6 27.1 40.7
84 77.8 73.4 110.0



#32
1,1,1-Trichloroethane
Concen: 20.139 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.005 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 97 Resp: 381840
Ion Ratio Lower Upper
97 100
99 62.3 50.1 75.1
61 49.9 35.2 52.8

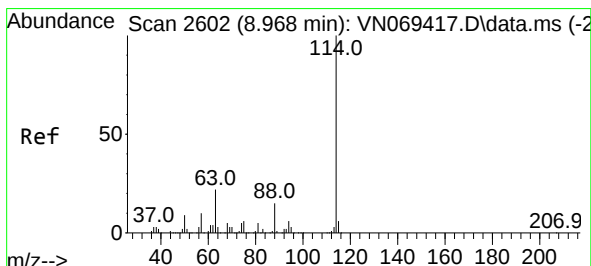
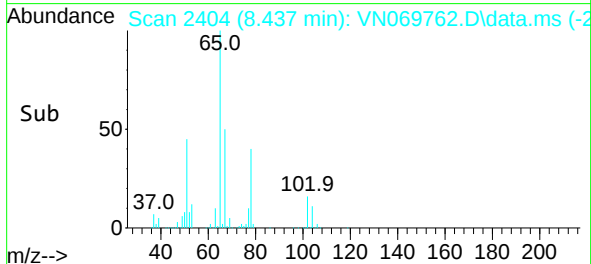
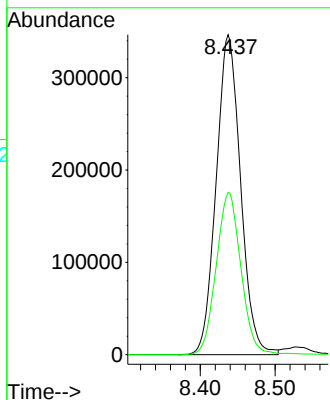
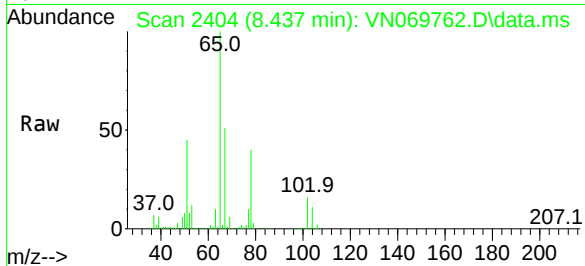




#33
 1,2-Dichloroethane-d4
 Concen: 50.166 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

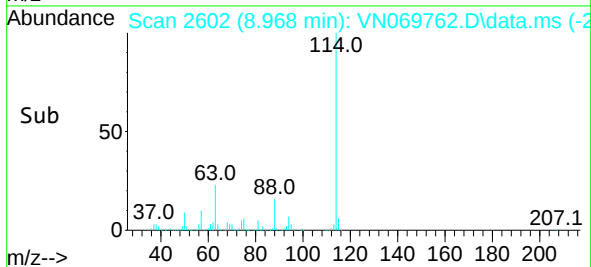
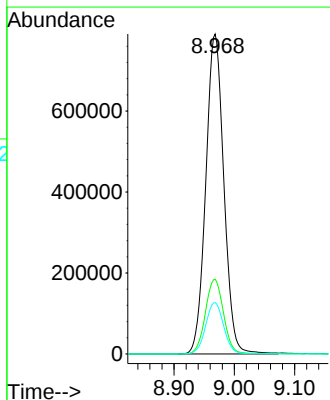
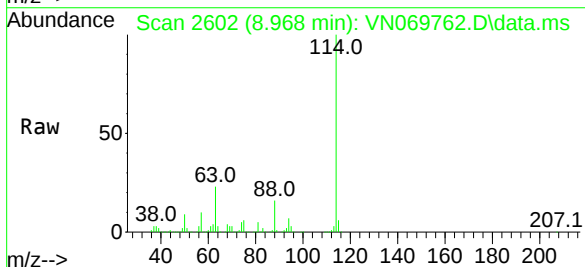
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

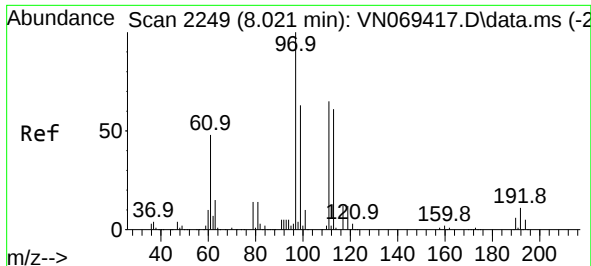
Tgt Ion: 65 Resp: 785534
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion: 114 Resp: 1644433
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 16.1 0.0 27.4

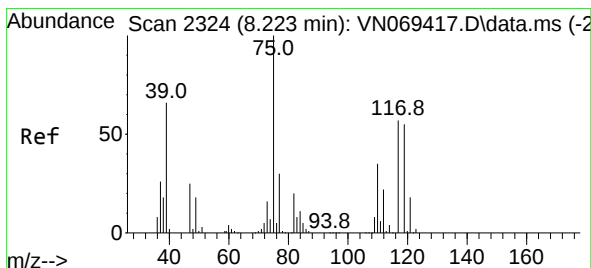
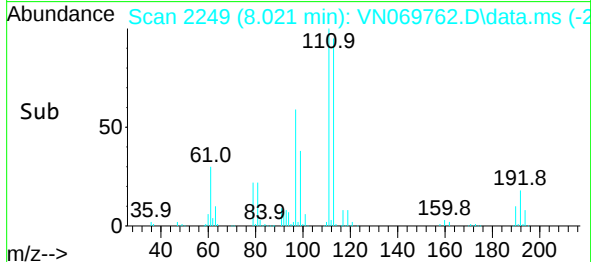
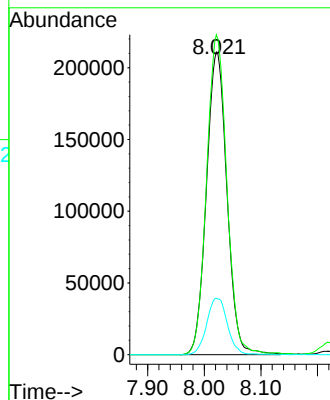
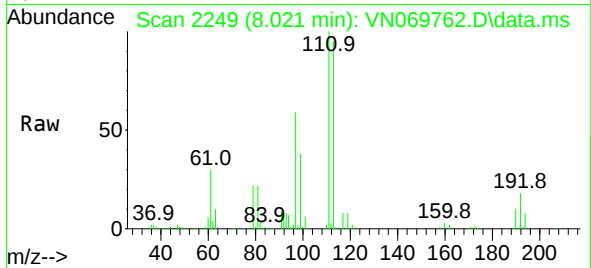




#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

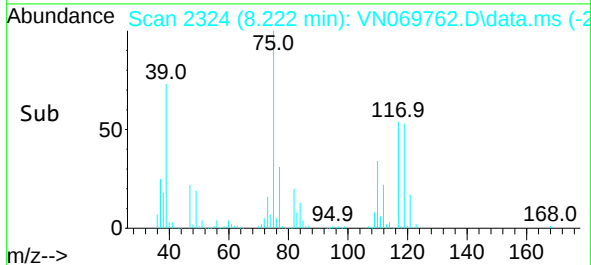
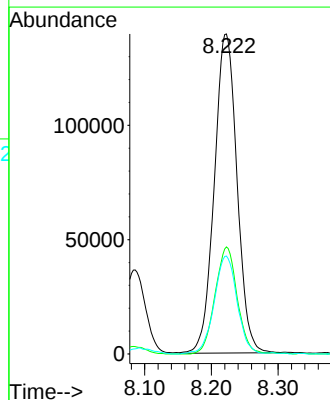
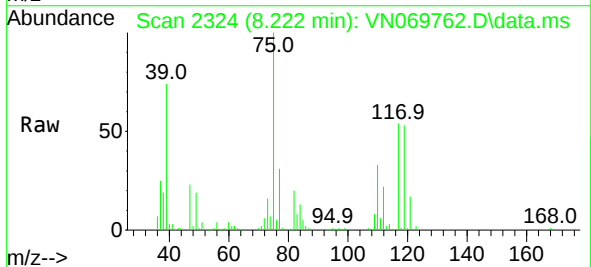
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

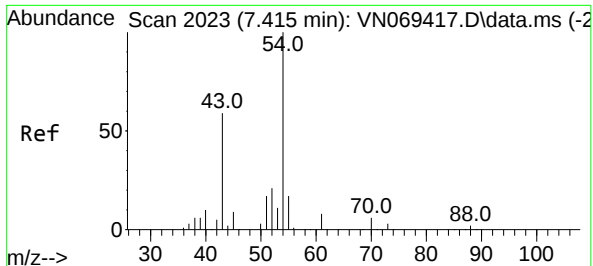
Tgt Ion:113 Resp: 531570
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.051 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 75 Resp: 329538
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 31.0 24.4 36.6

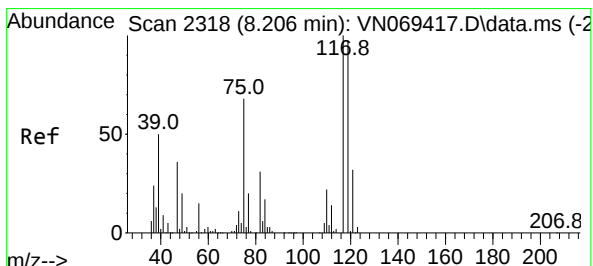
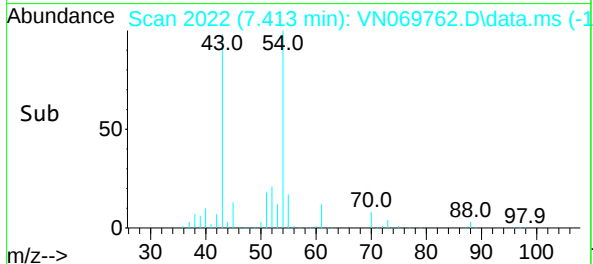
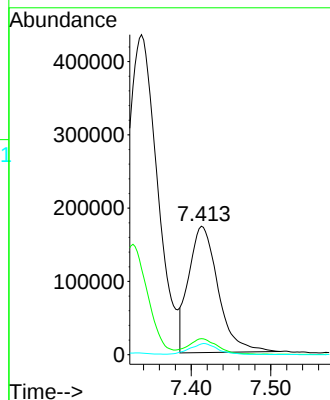
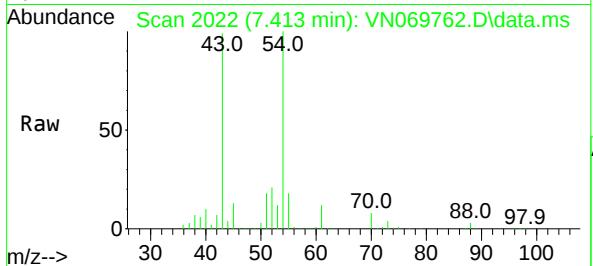




#37
Ethyl Acetate
Concen: 18.984 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

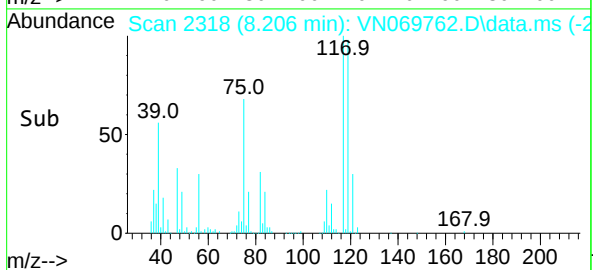
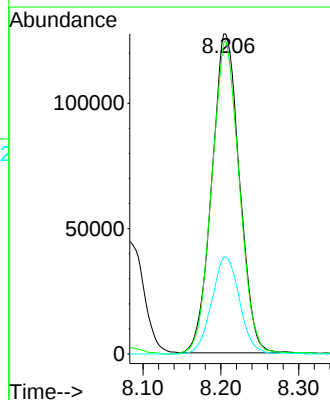
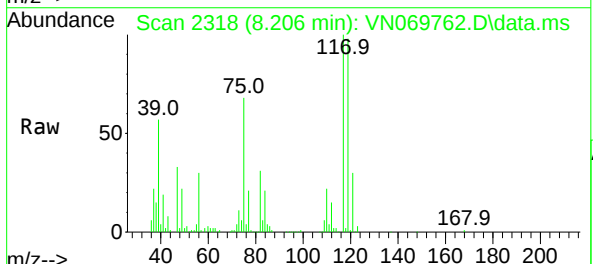
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

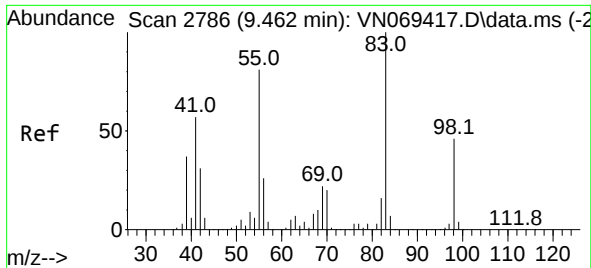
Tgt Ion: 43 Resp: 442314
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 7.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.410 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 117 Resp: 313314
Ion Ratio Lower Upper
117 100
119 98.0 76.1 114.1
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 21.304 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

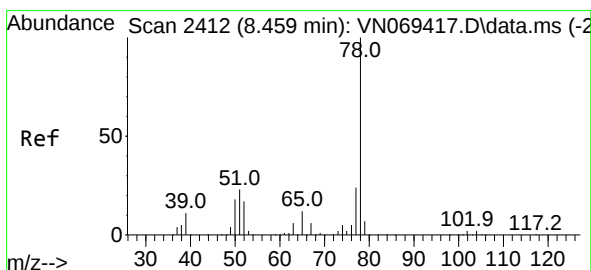
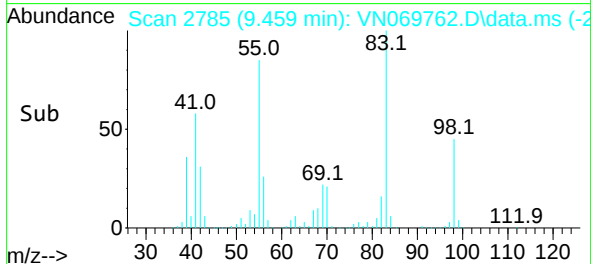
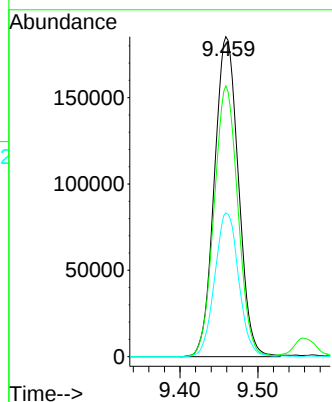
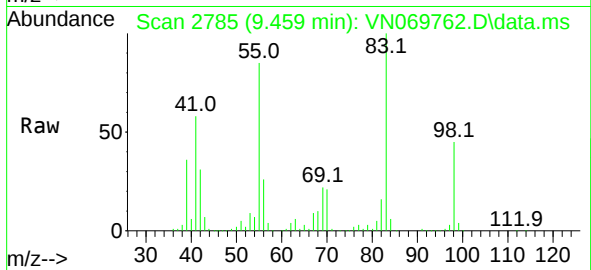
Tgt Ion: 83 Resp: 396689

Ion Ratio Lower Upper

83 100

55 84.5 58.1 87.1

98 45.0 38.4 57.6



#40

Benzene

Concen: 20.865 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069762.D

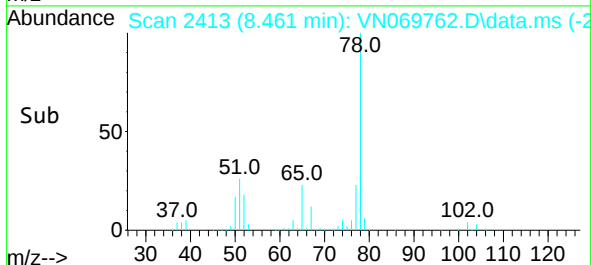
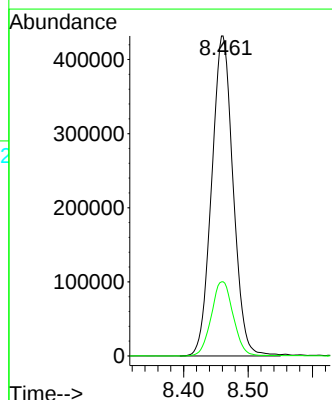
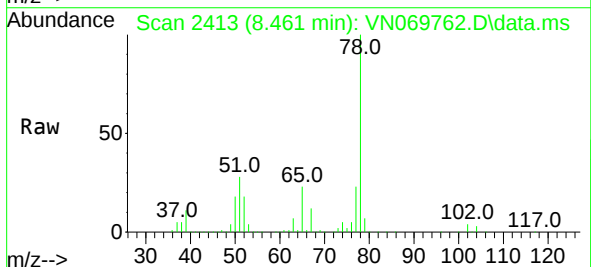
Acq: 4 Dec 2021 13:49

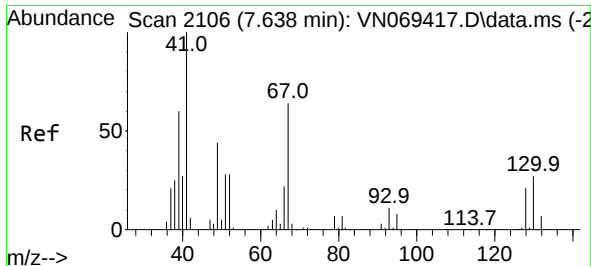
Tgt Ion: 78 Resp: 998406

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8



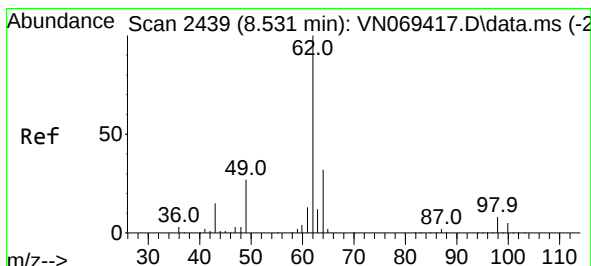
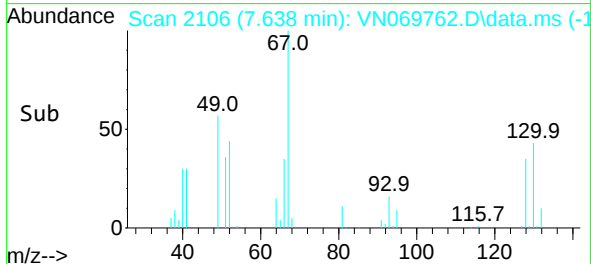
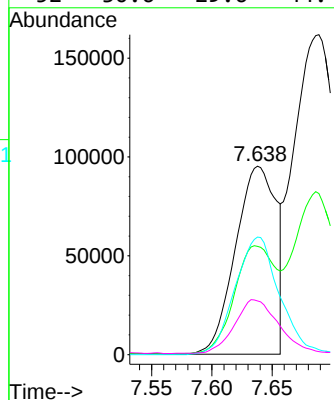
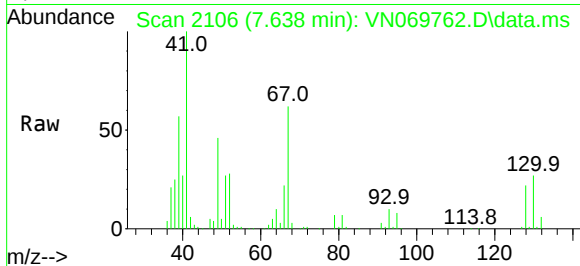


#41
Methacrylonitrile
Concen: 20.402 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion: 41 Resp: 223148

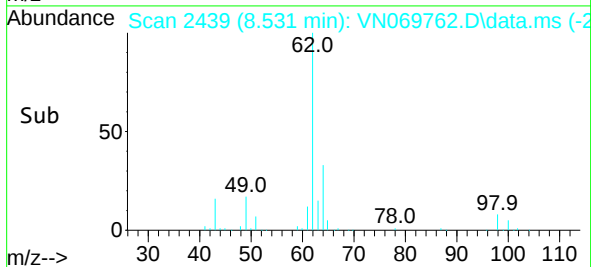
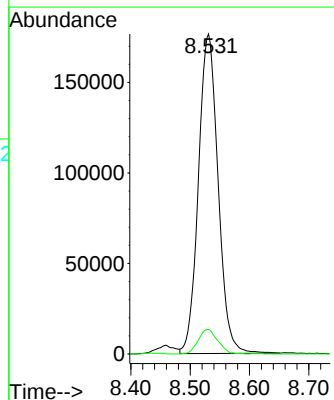
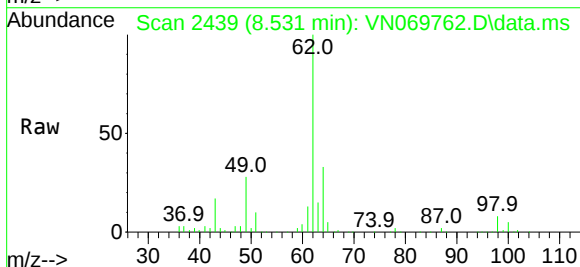
Ion	Ratio	Lower	Upper
41	100		
39	58.3	48.1	72.1
67	68.9	68.3	102.5
52	30.6	29.6	44.4

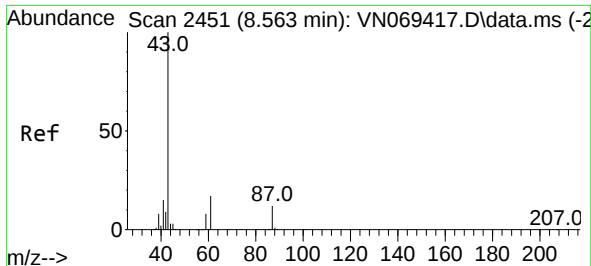


#42
1,2-Dichloroethane
Concen: 21.080 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 62 Resp: 407187

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.6

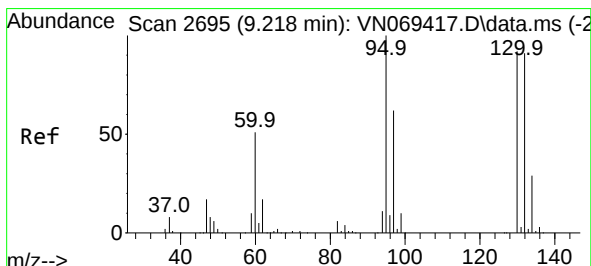
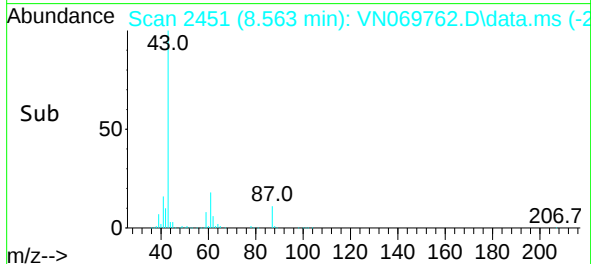
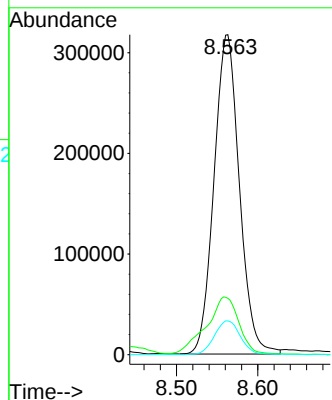
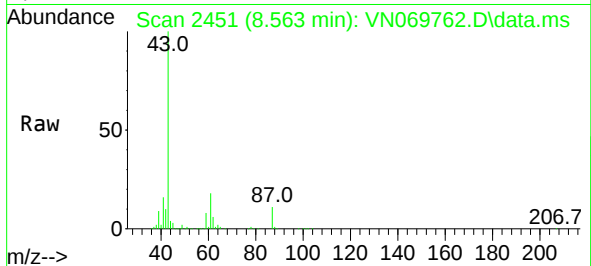




#43
Isopropyl Acetate
Concen: 19.954 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

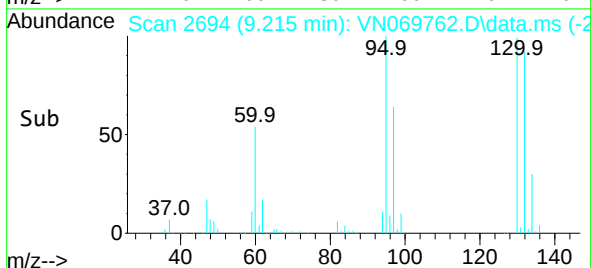
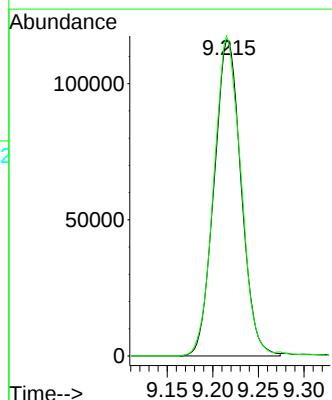
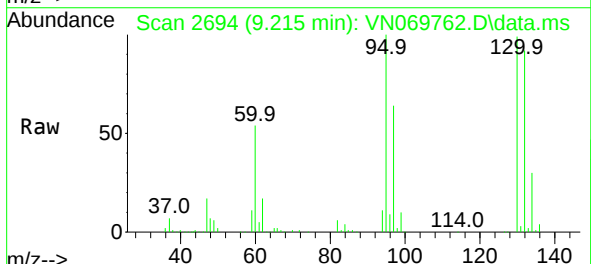
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

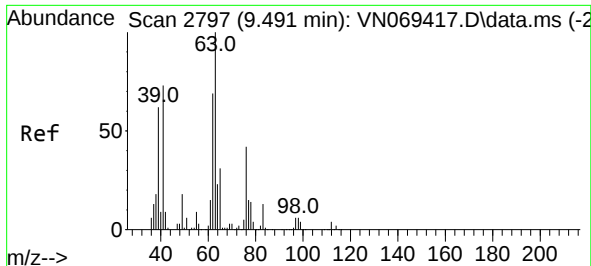
Tgt Ion: 43 Resp: 688022
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 10.9 11.2 16.8#



#44
Trichloroethene
Concen: 20.955 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion:130 Resp: 239317
Ion Ratio Lower Upper
130 100
95 101.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.256 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

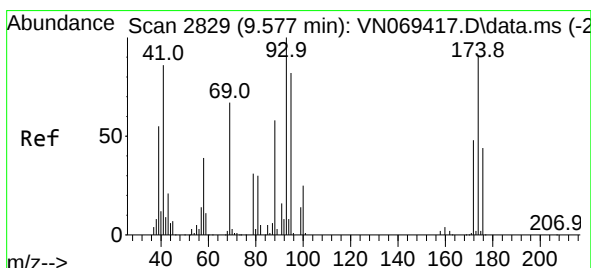
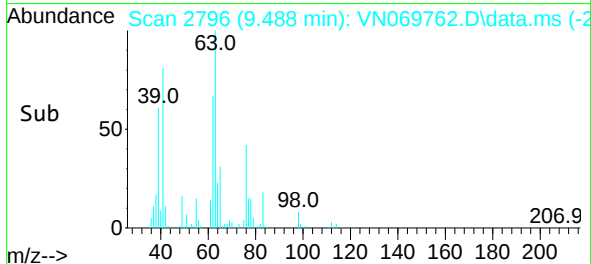
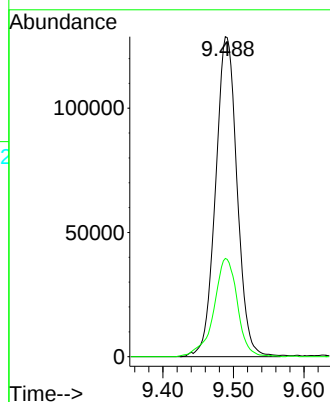
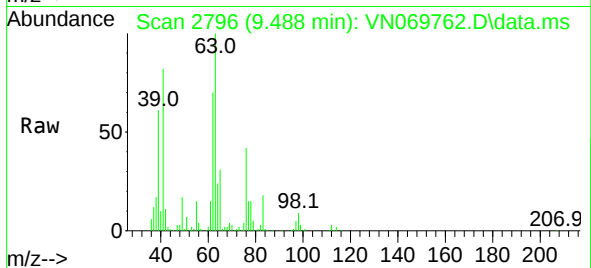
VN1204WBSD01

Tgt Ion: 63 Resp: 273123

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 20.945 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

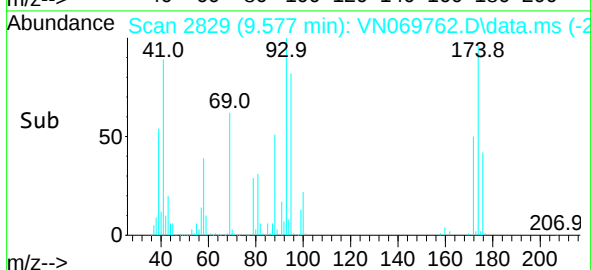
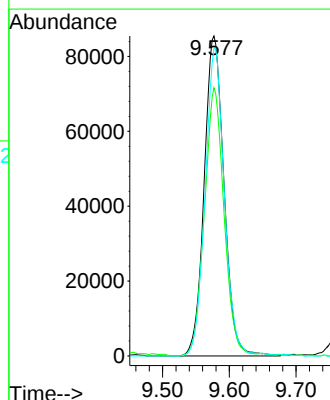
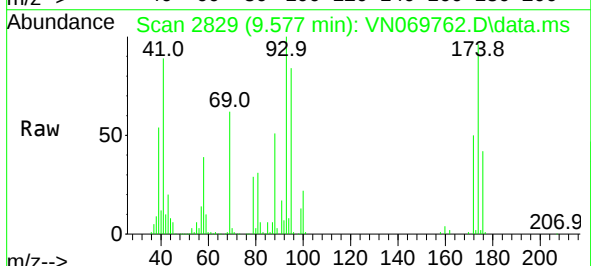
Tgt Ion: 93 Resp: 176507

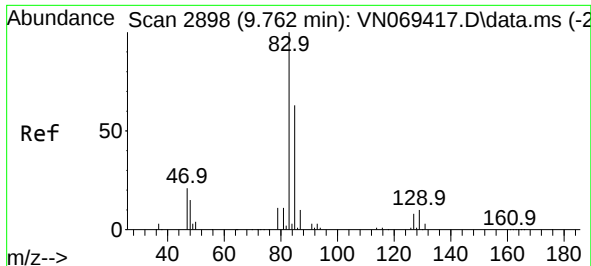
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 93.2 84.6 127.0

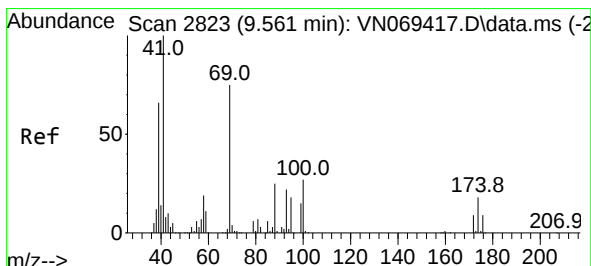
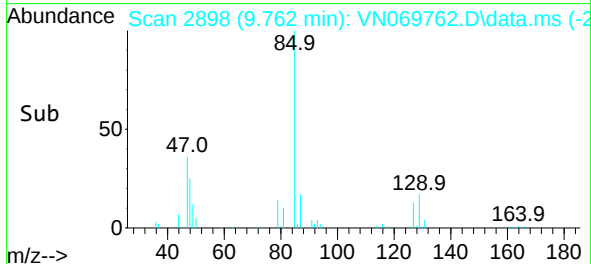
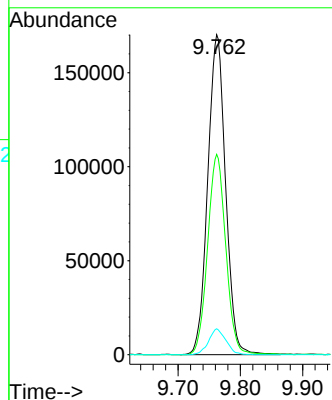
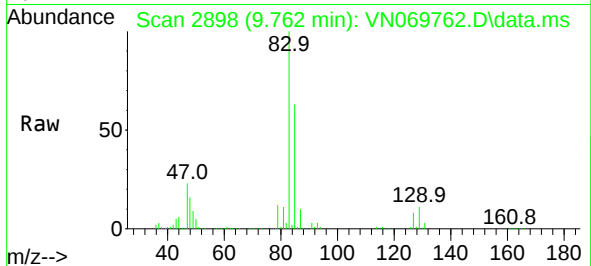




#47
Bromodichloromethane
Concen: 21.252 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

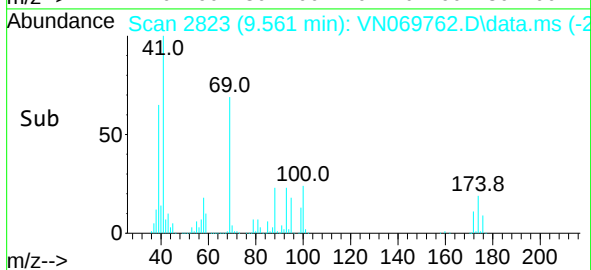
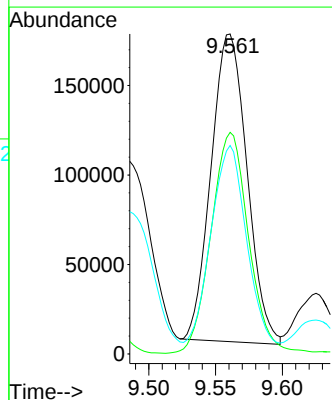
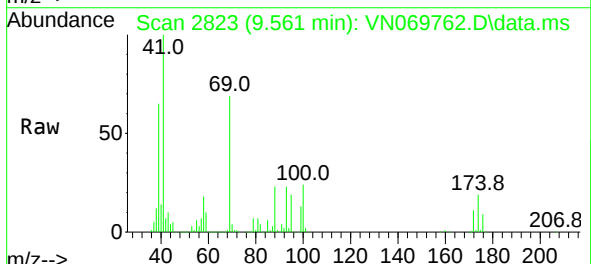
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

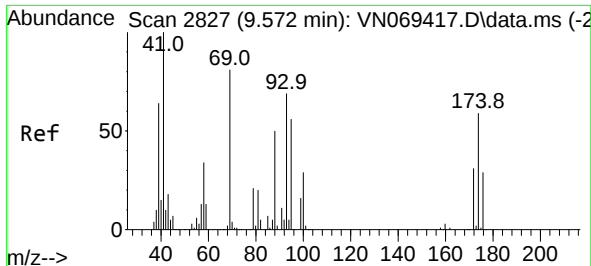
Tgt Ion: 83 Resp: 339091
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 20.005 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 41 Resp: 321896
Ion Ratio Lower Upper
41 100
69 75.0 72.4 108.6
39 68.6 58.4 87.6

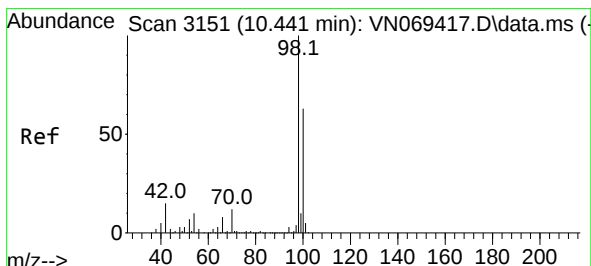
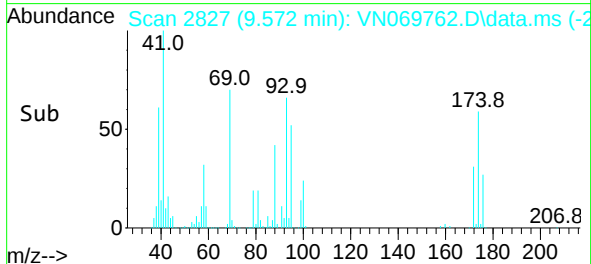
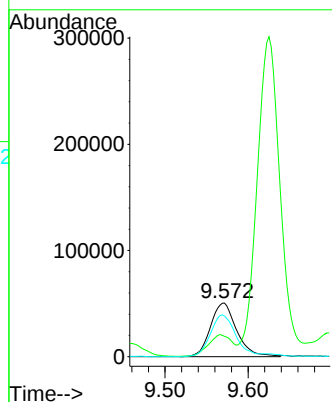
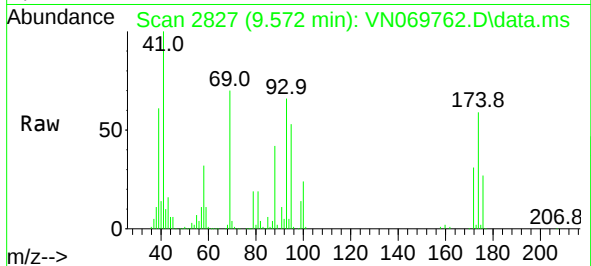




#49
1,4-Dioxane
Concen: 383.171 ug/l
RT: 9.572 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

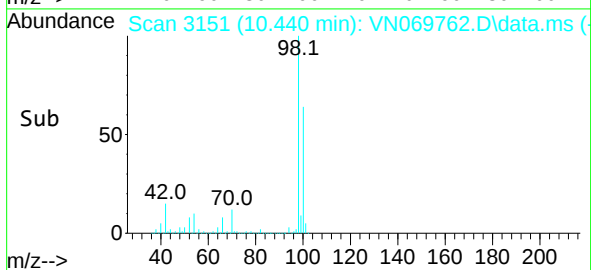
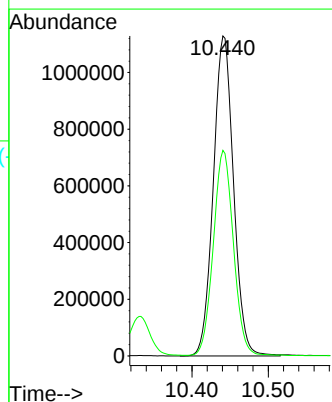
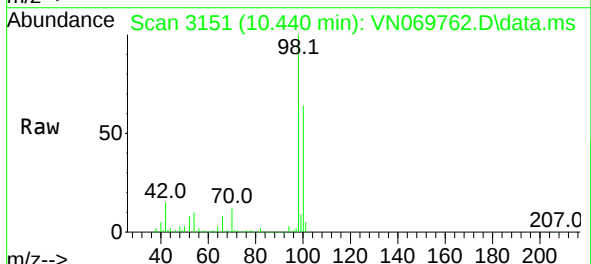
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

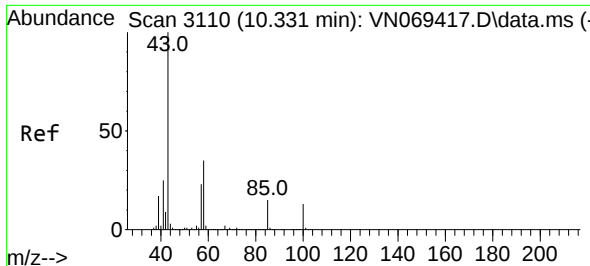
Tgt Ion: 88 Resp: 110629
Ion Ratio Lower Upper
88 100
43 37.4 23.4 35.2#
58 79.7 50.6 75.8#



#50
Toluene-d8
Concen: 50.333 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 98 Resp: 2081761
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

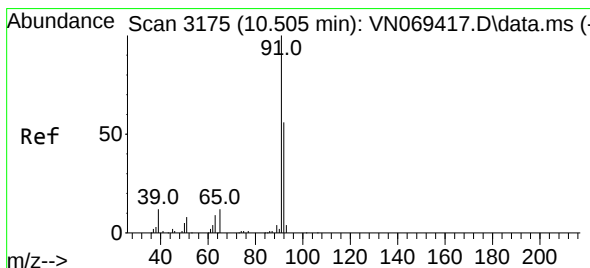
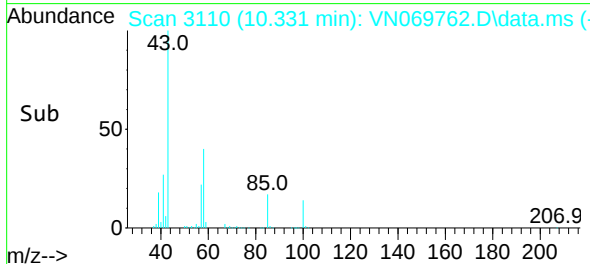
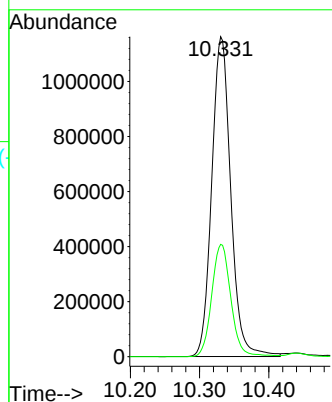
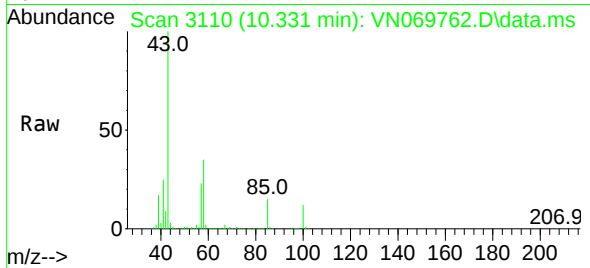




#51
4-Methyl-2-Pentanone
Concen: 99.162 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

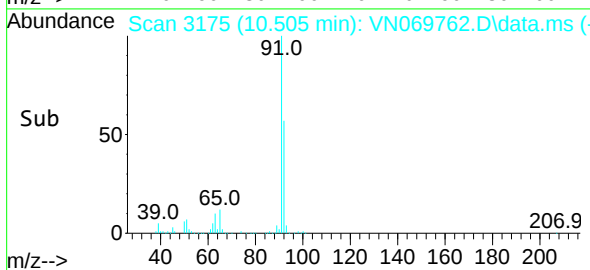
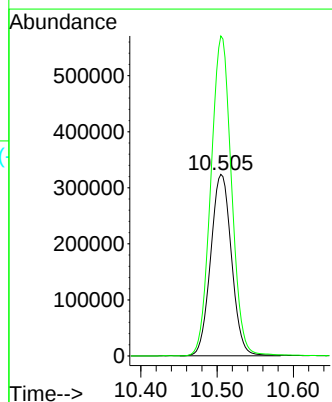
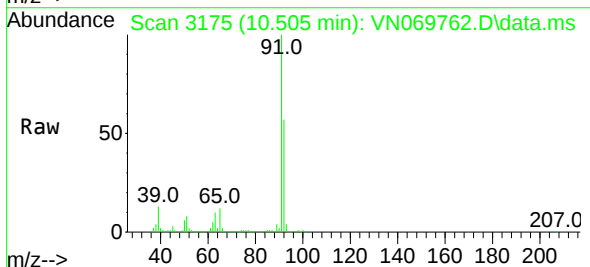
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

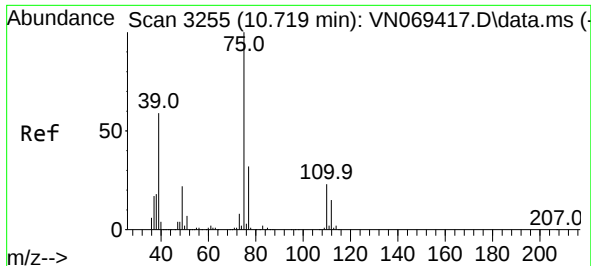
Tgt Ion: 43 Resp: 2218056
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6



#52
Toluene
Concen: 21.025 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 92 Resp: 614201
Ion Ratio Lower Upper
92 100
91 174.8 142.0 213.0

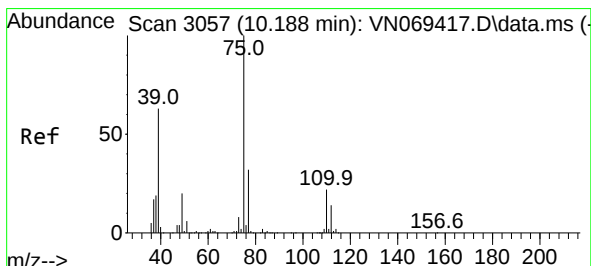
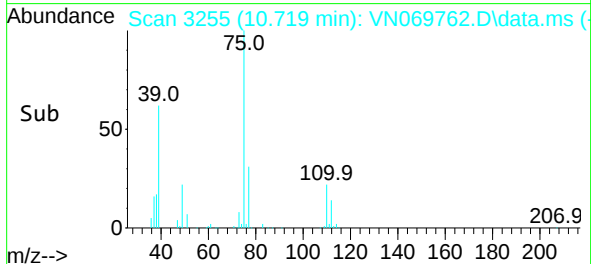
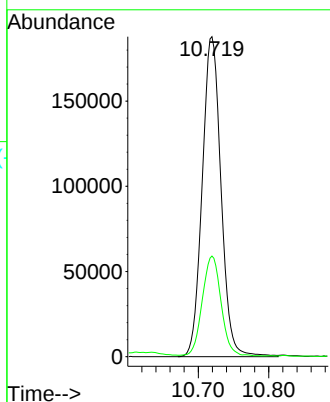
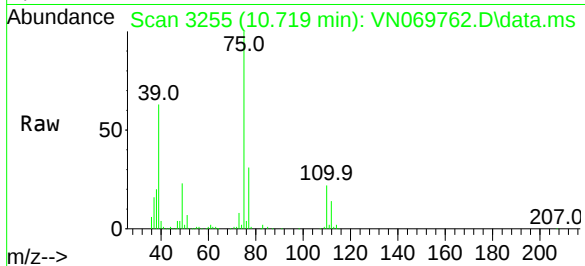




#53
 t-1,3-Dichloropropene
 Concen: 19.894 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

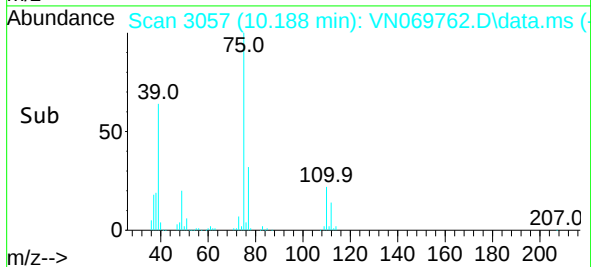
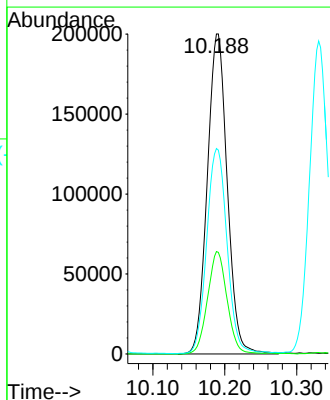
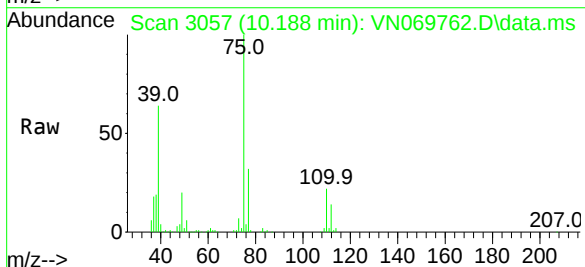
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

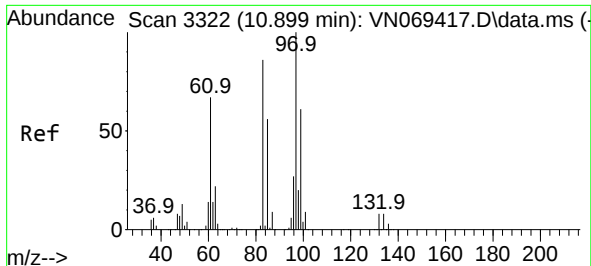
Tgt Ion: 75 Resp: 347617
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.406 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion: 75 Resp: 386220
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 39 64.0 42.5 63.7#

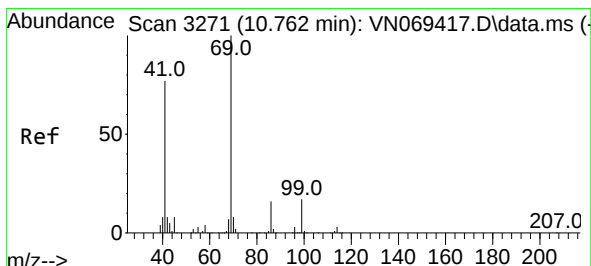
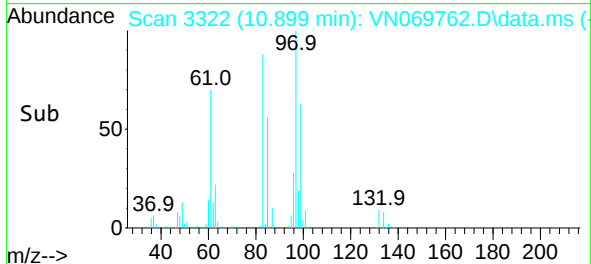
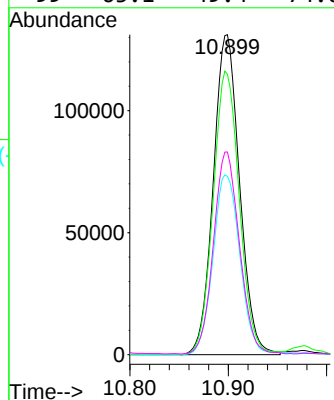
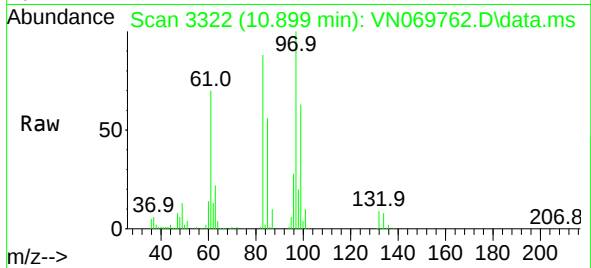




#55
1,1,2-Trichloroethane
Concen: 20.684 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

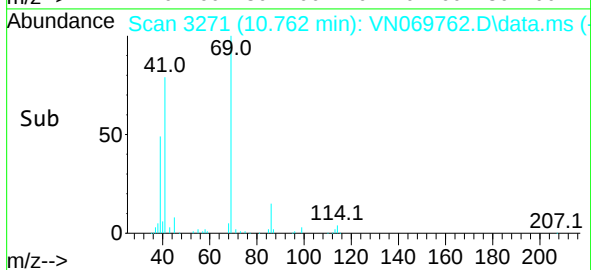
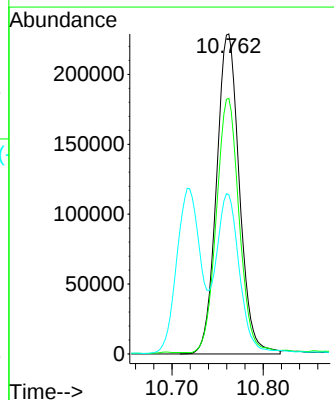
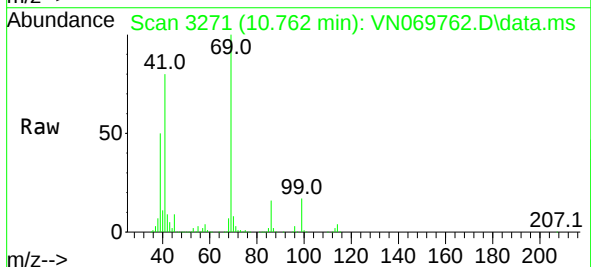
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

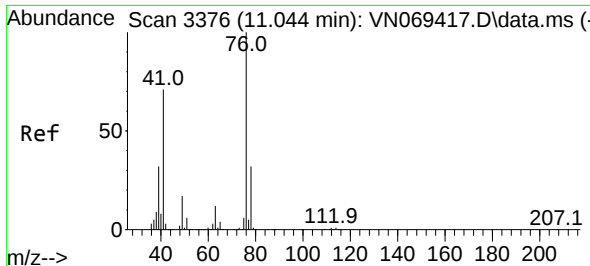
Tgt Ion: 97 Resp: 243803
Ion Ratio Lower Upper
97 100
83 87.7 67.8 101.6
85 55.7 45.4 68.2
99 63.1 49.4 74.0



#56
Ethyl methacrylate
Concen: 19.412 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 69 Resp: 399236
Ion Ratio Lower Upper
69 100
41 79.0 51.4 77.0#
39 49.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.935 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

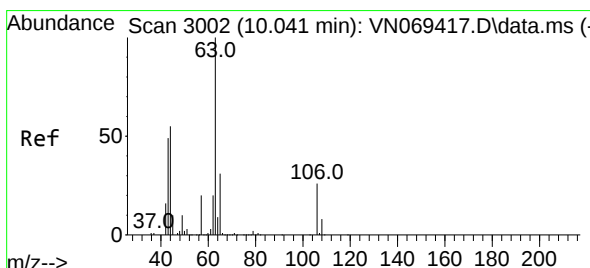
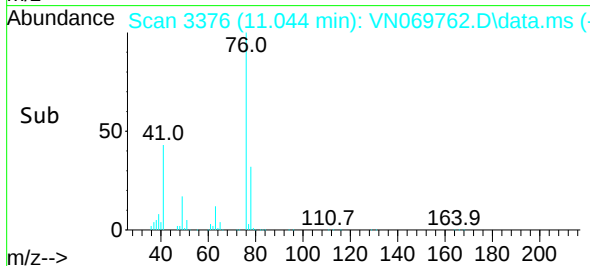
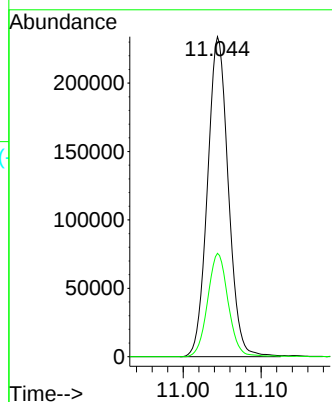
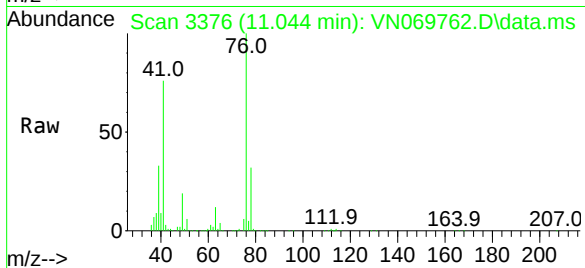
VN1204WBSD01

Tgt Ion: 76 Resp: 434483

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 84.995 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069762.D

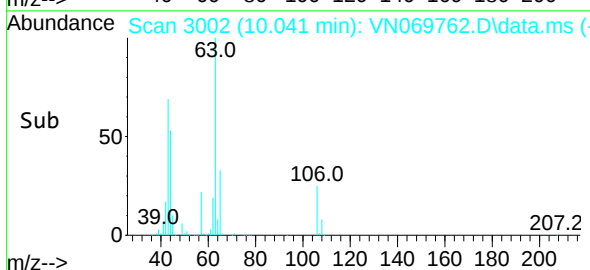
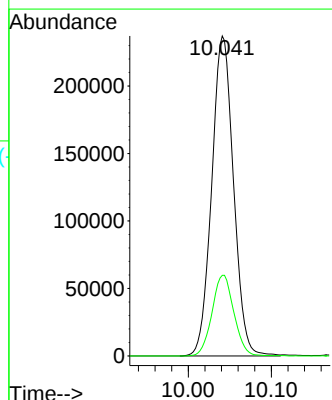
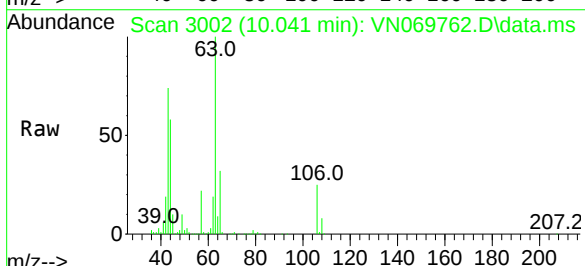
Acq: 4 Dec 2021 13:49

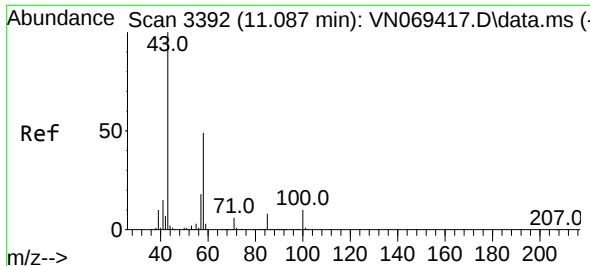
Tgt Ion: 63 Resp: 431788

Ion Ratio Lower Upper

63 100

106 25.3 23.9 35.9

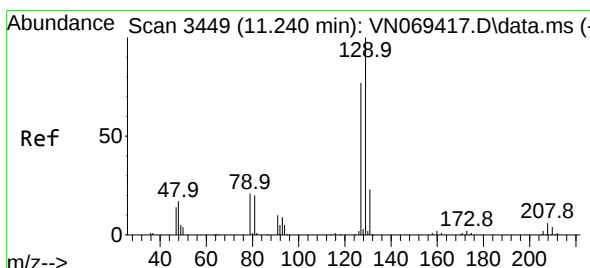
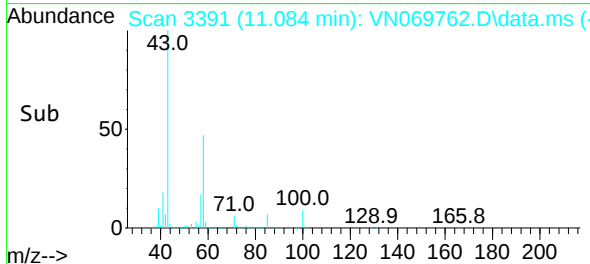
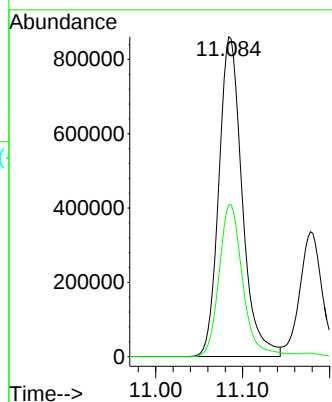
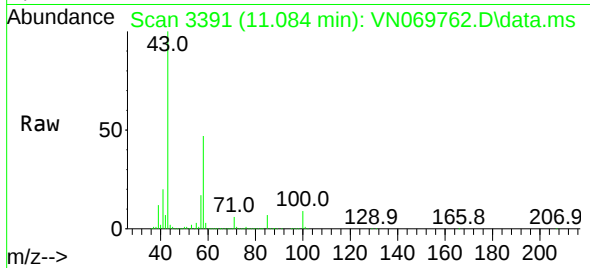




#59
2-Hexanone
Concen: 94.670 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

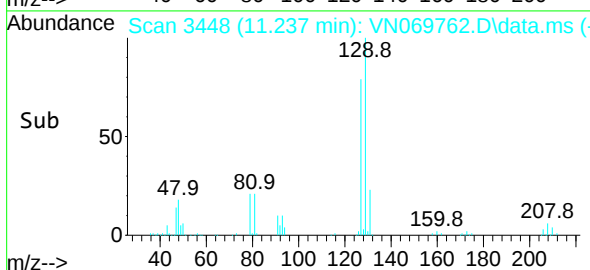
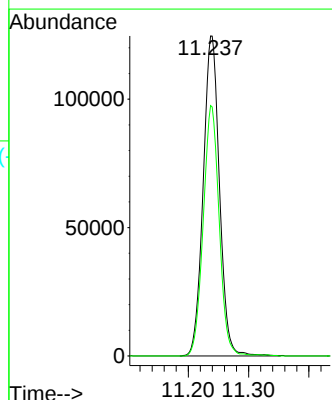
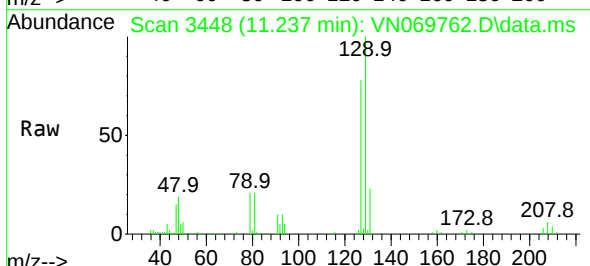
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

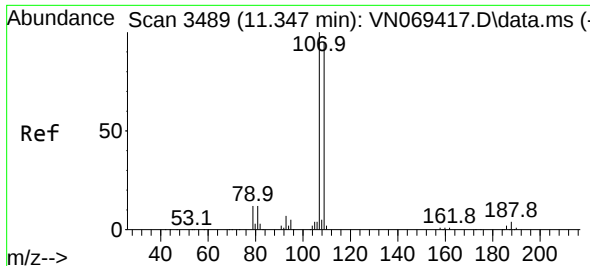
Tgt Ion: 43 Resp: 1601875
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7



#60
Dibromochloromethane
Concen: 20.023 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 129 Resp: 233989
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

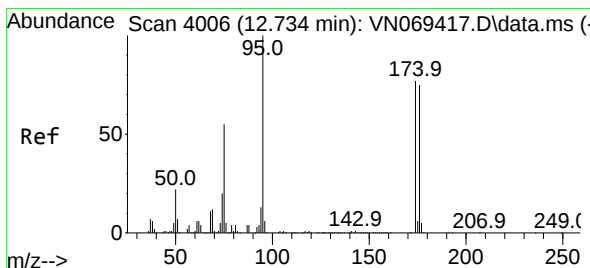
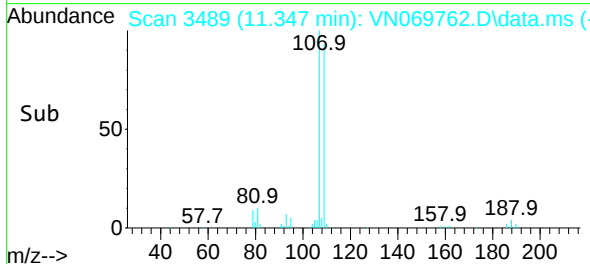
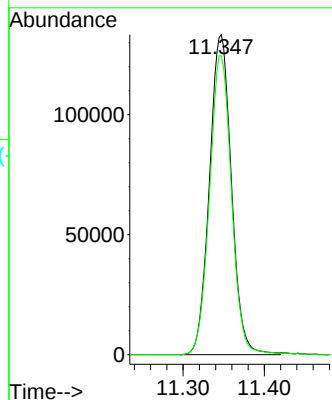
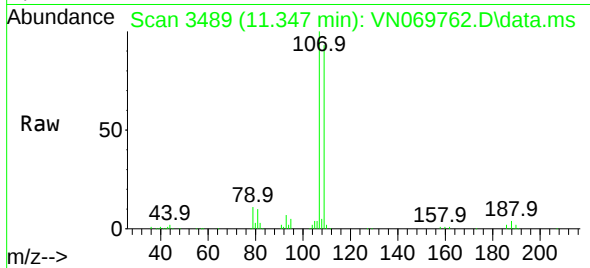




#61
1,2-Dibromoethane
Concen: 20.496 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

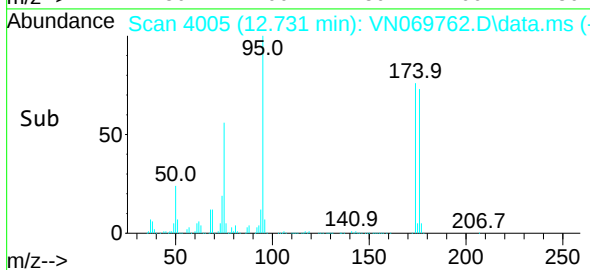
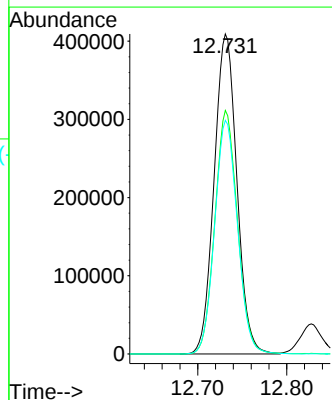
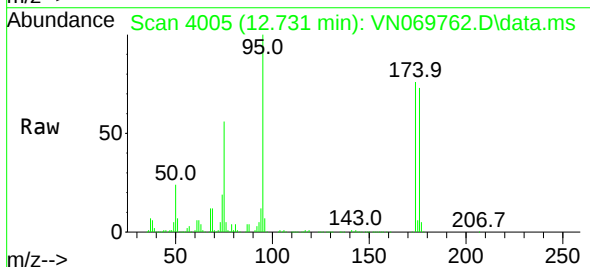
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

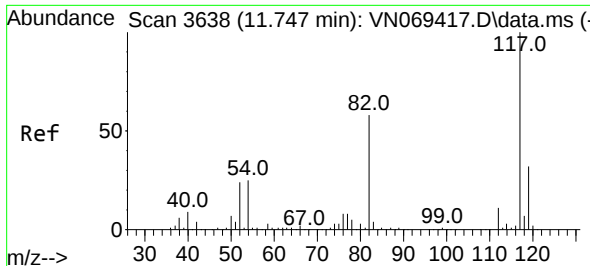
Tgt Ion:107 Resp: 250228
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 95 Resp: 725990
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.4 0.0 181.4

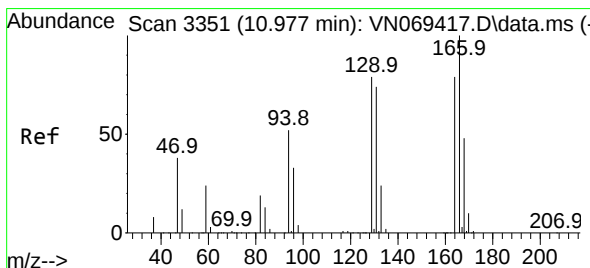
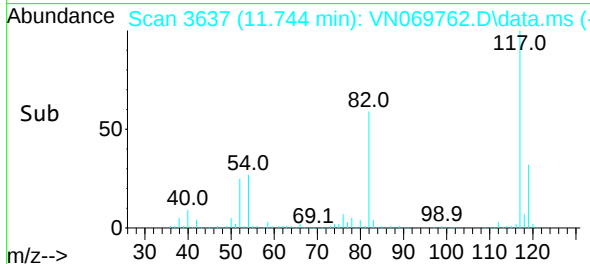
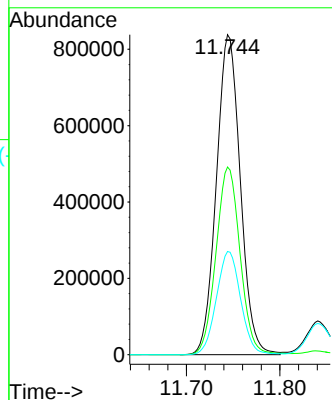
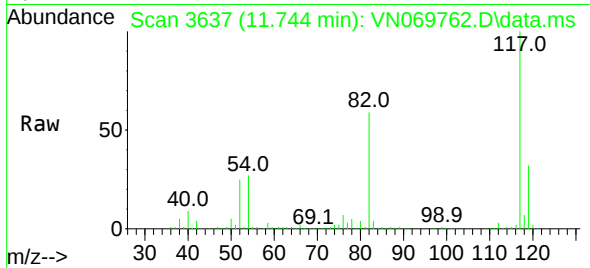




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

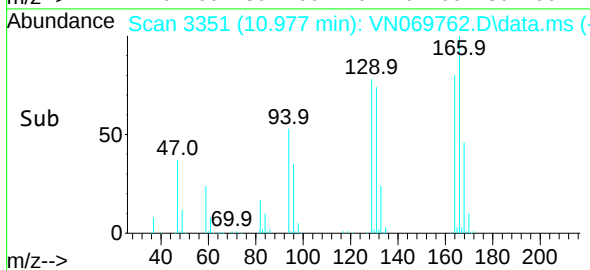
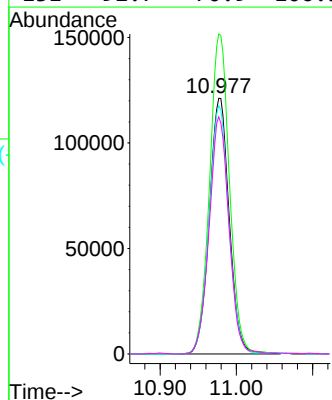
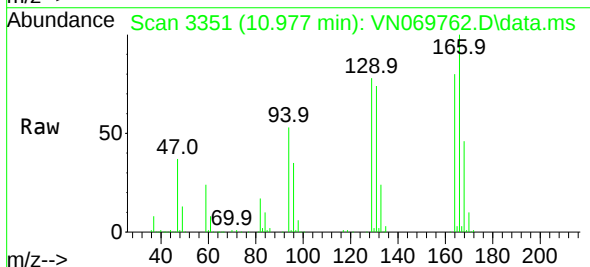
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:117 Resp: 1492594
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 21.651 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion:164 Resp: 219128
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 97.0 72.0 108.0
131 92.7 70.9 106.3

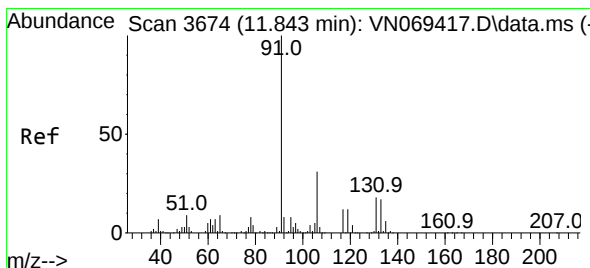
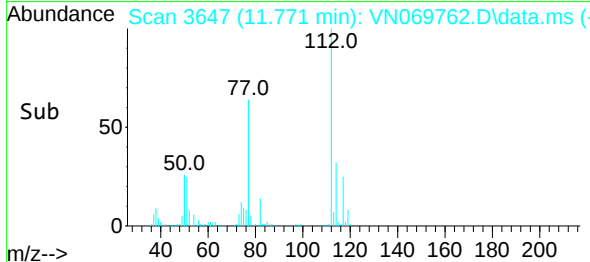
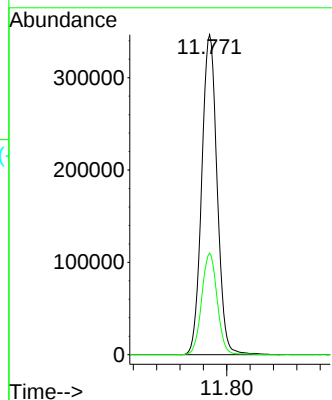
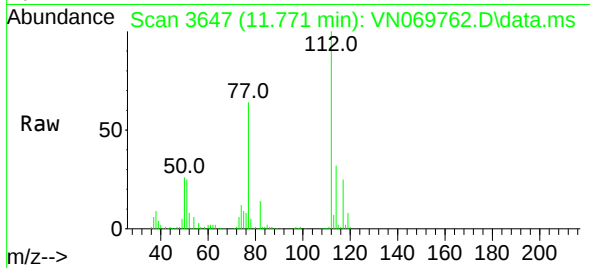




#65
Chlorobenzene
Concen: 20.951 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

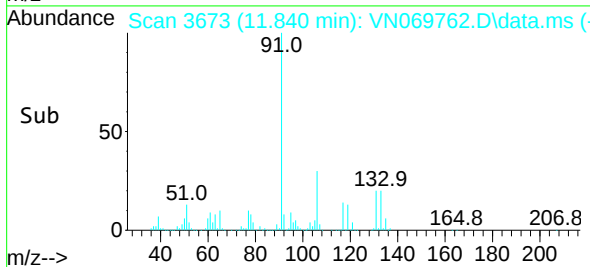
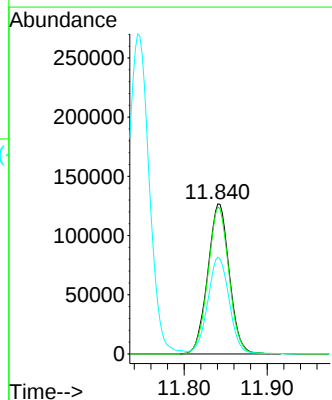
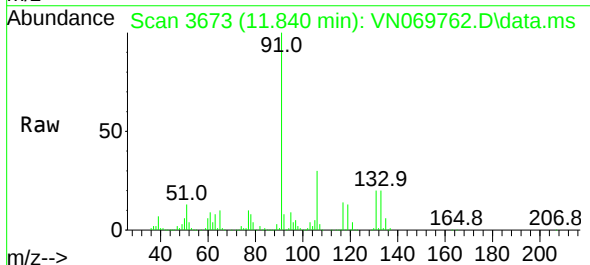
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

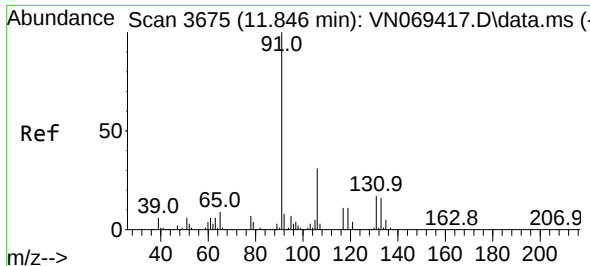
Tgt Ion:112 Resp: 634409
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.466 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion:131 Resp: 228776
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 63.4 32.1 96.5

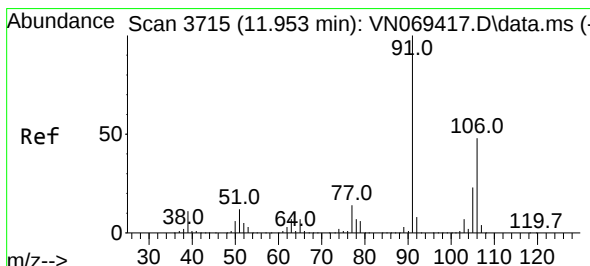
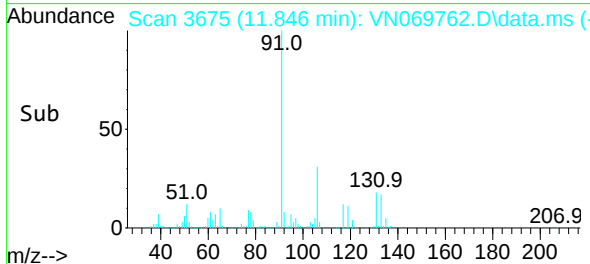
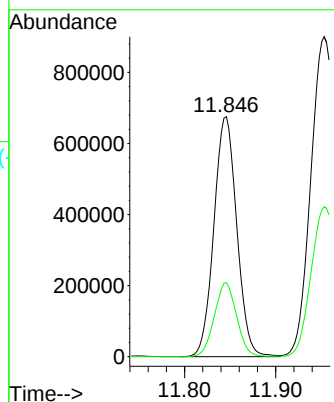
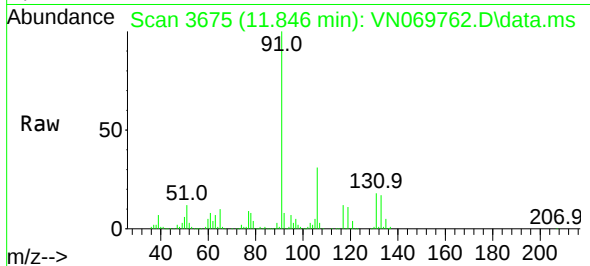




#67
Ethyl Benzene
Concen: 21.388 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

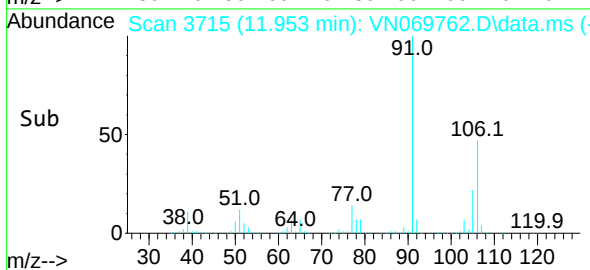
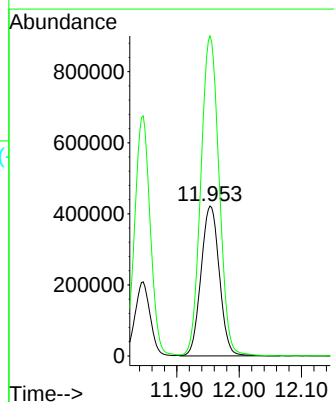
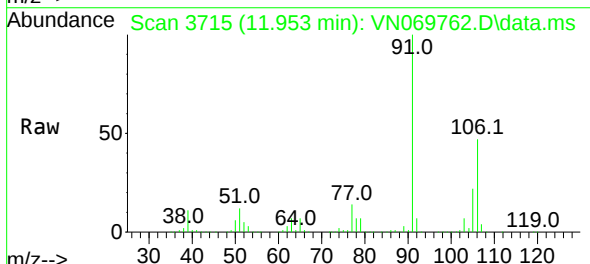
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

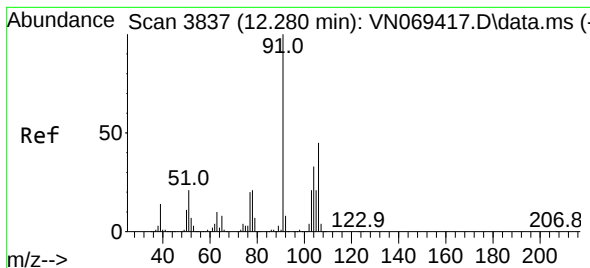
Tgt Ion: 91 Resp: 1176438
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5



#68
m/p-Xylenes
Concen: 43.019 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 106 Resp: 861558
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8





#69

o-Xylene

Concen: 21.069 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. -0.002 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

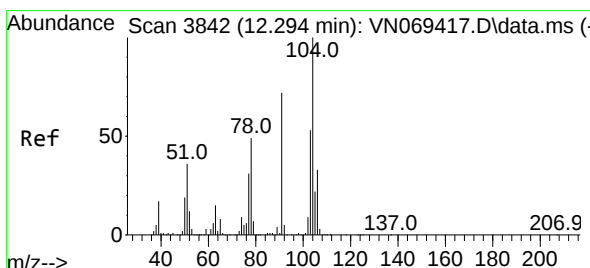
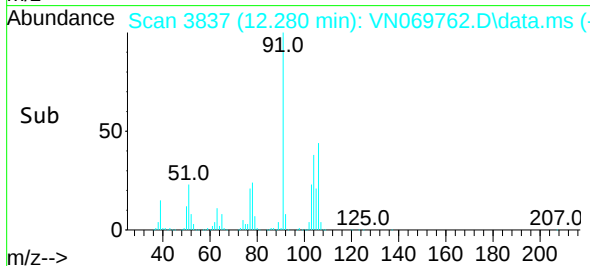
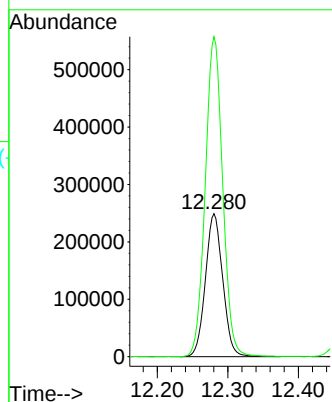
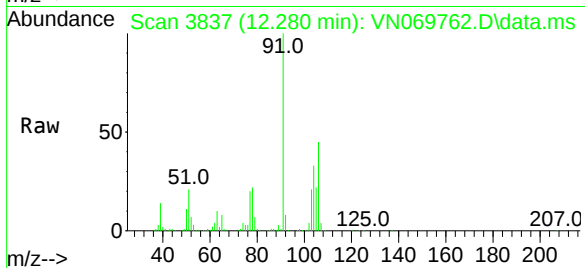
VN1204WBSD01

Tgt Ion:106 Resp: 425014

Ion Ratio Lower Upper

106 100

91 225.2 105.8 317.3



#70

Styrene

Concen: 21.143 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

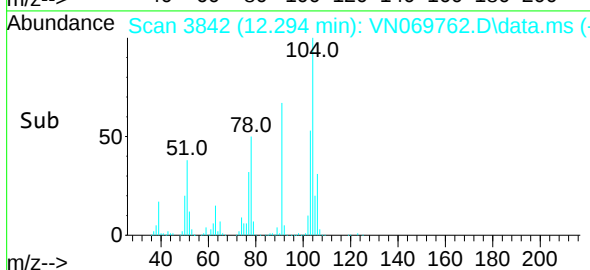
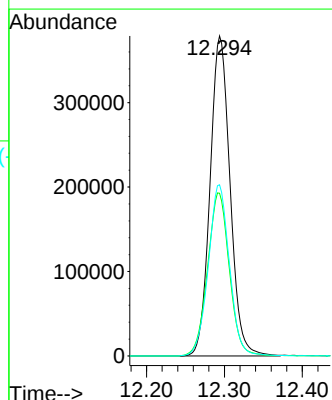
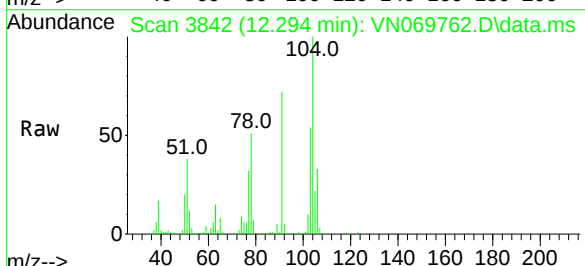
Tgt Ion:104 Resp: 676309

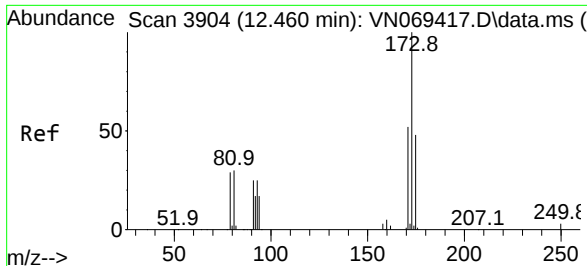
Ion Ratio Lower Upper

104 100

78 55.5 38.7 58.1

103 56.5 45.0 67.6

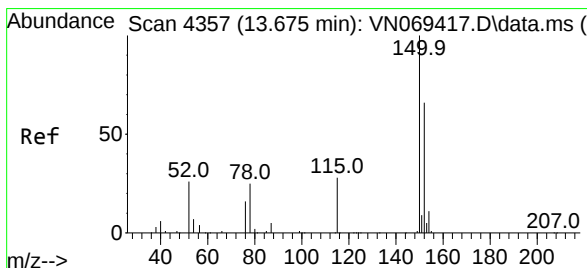
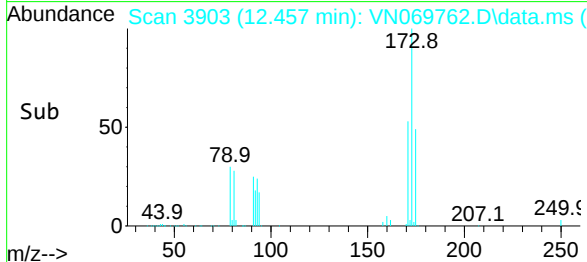
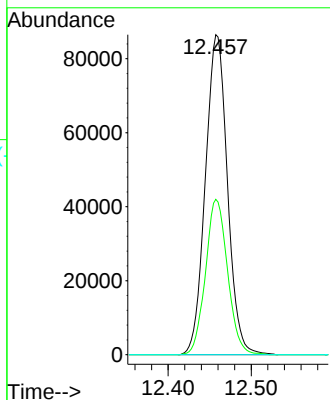
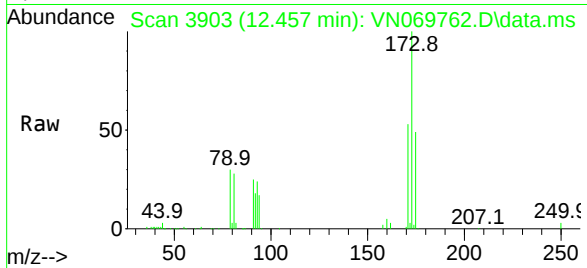




#71
Bromoform
Concen: 19.284 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

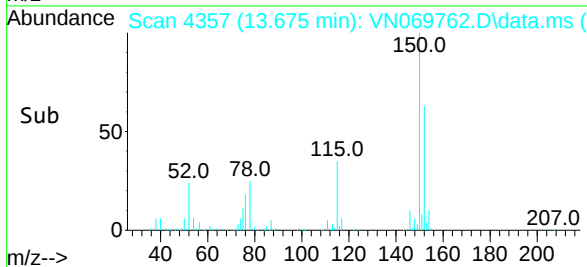
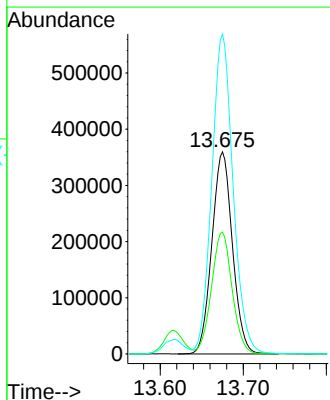
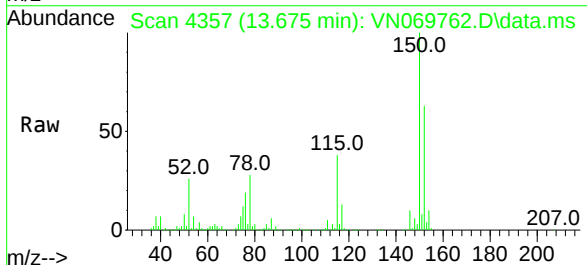
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

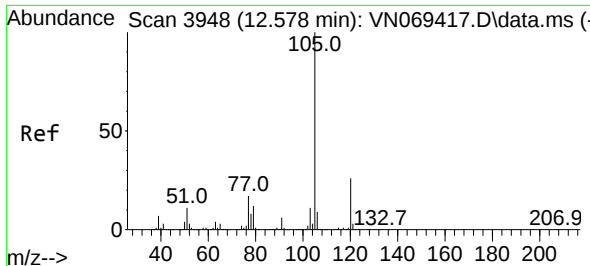
Tgt Ion:173 Resp: 159609
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion:152 Resp: 619130
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 164.0 0.0 344.4

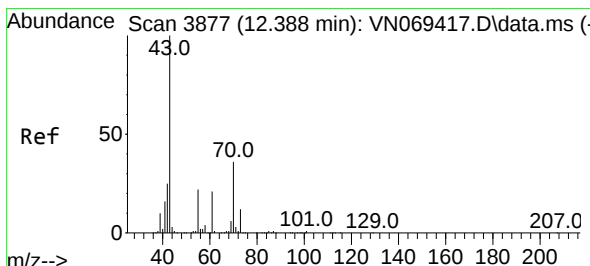
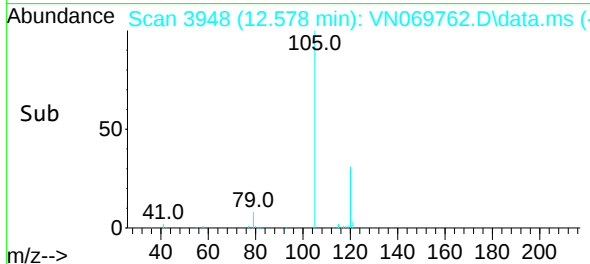
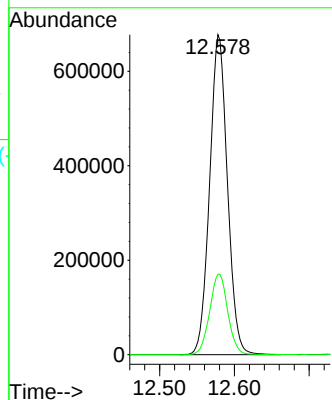
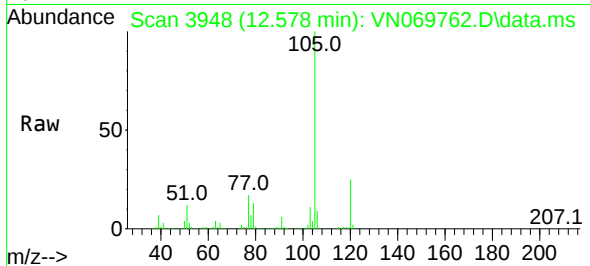




#73
Isopropylbenzene
Concen: 20.292 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

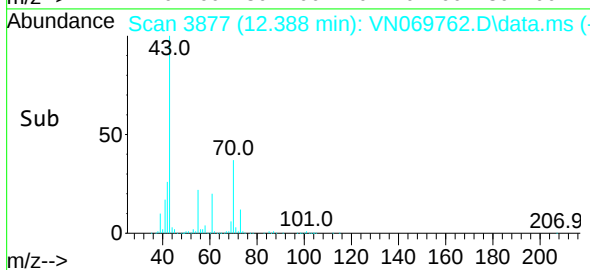
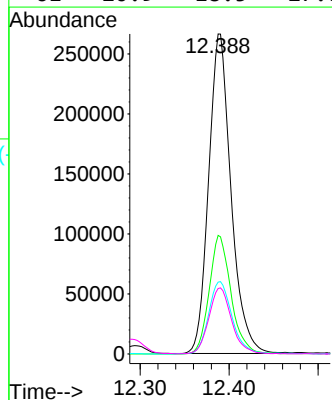
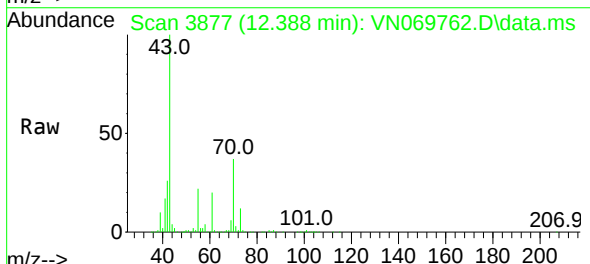
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

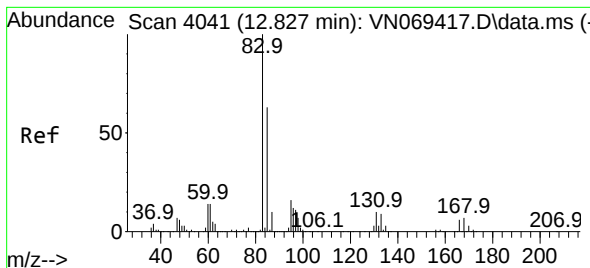
Tgt Ion:105 Resp: 1117778
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 19.055 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 43 Resp: 464208
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 23.6 19.3 28.9
61 20.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.822 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069762.D

Acq: 4 Dec 2021 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

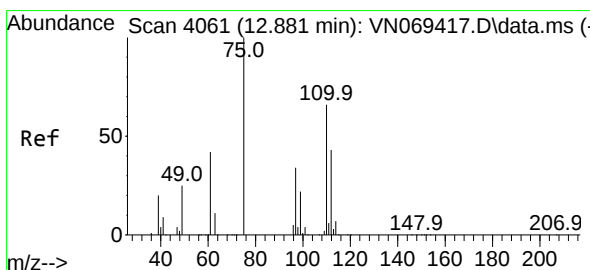
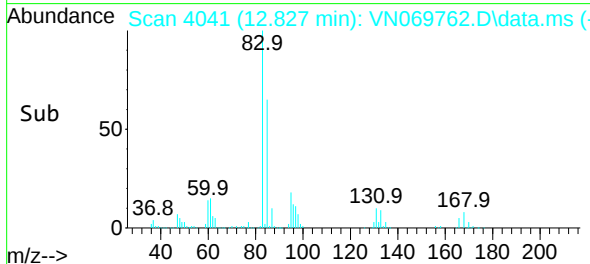
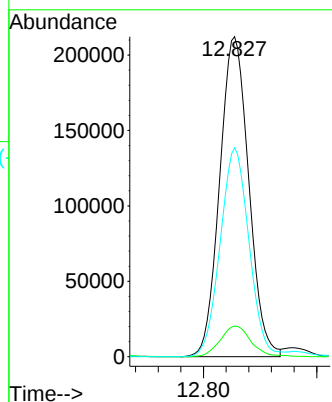
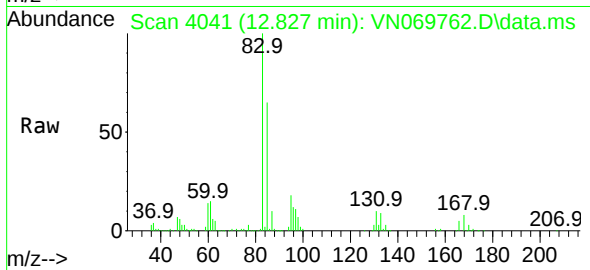
Tgt Ion: 83 Resp: 377586

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.5

85 64.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 25.652 ug/l

RT: 12.878 min Scan# 4060

Delta R.T. -0.002 min

Lab File: VN069762.D

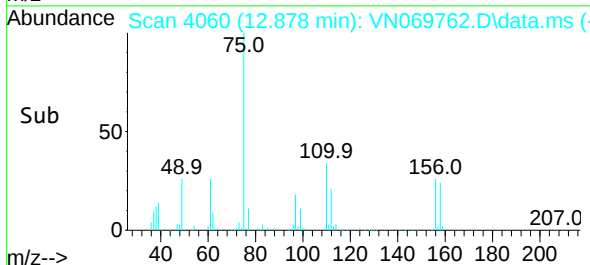
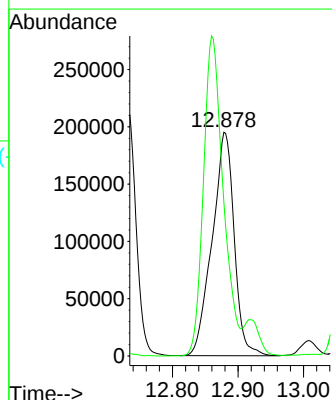
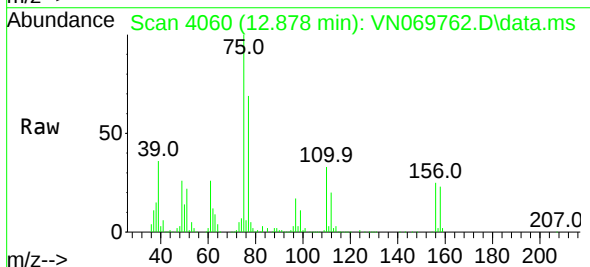
Acq: 4 Dec 2021 13:49

Tgt Ion: 75 Resp: 455463

Ion Ratio Lower Upper

75 100

77 128.9 82.6 247.8

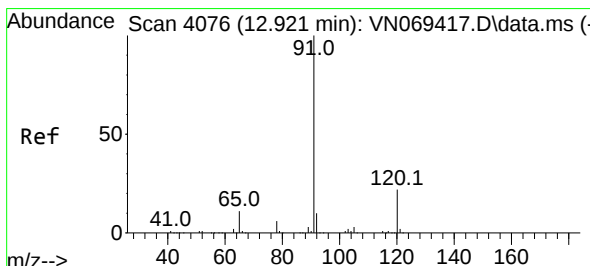
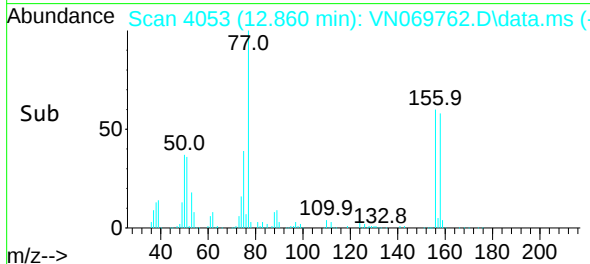
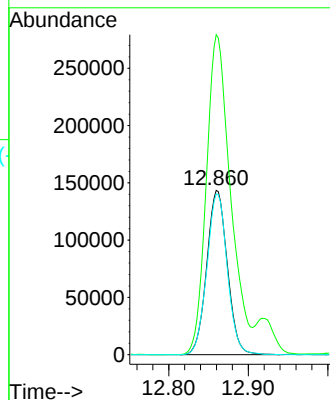
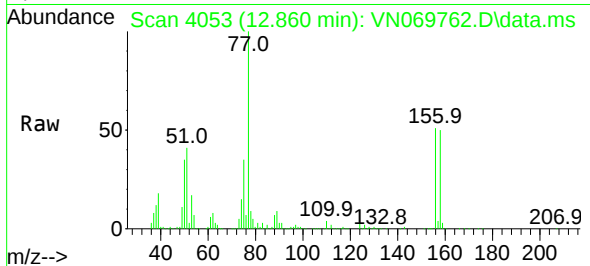




#77
Bromobenzene
Concen: 19.962 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

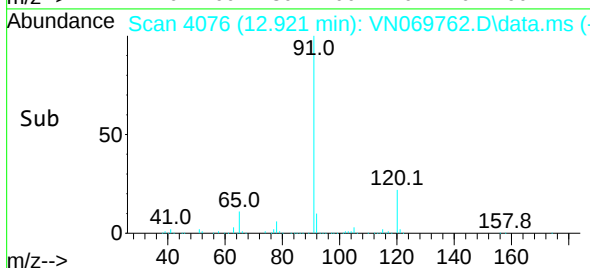
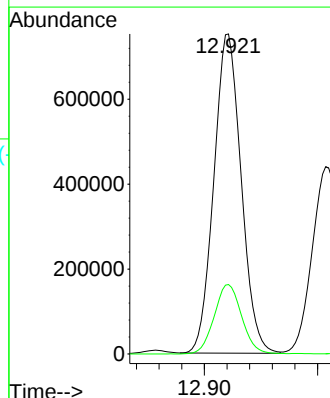
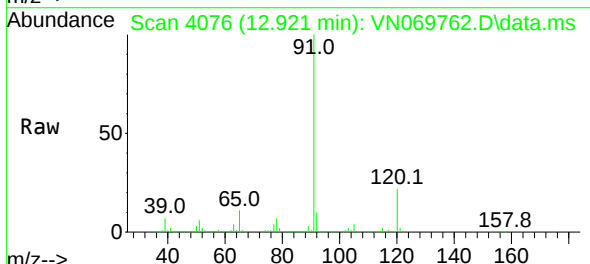
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

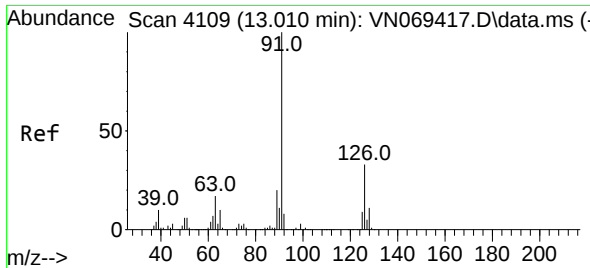
Tgt Ion:156 Resp: 258280
Ion Ratio Lower Upper
156 100
77 227.3 90.6 271.8
158 97.3 48.9 146.7



#78
n-propylbenzene
Concen: 20.524 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 91 Resp: 1258084
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

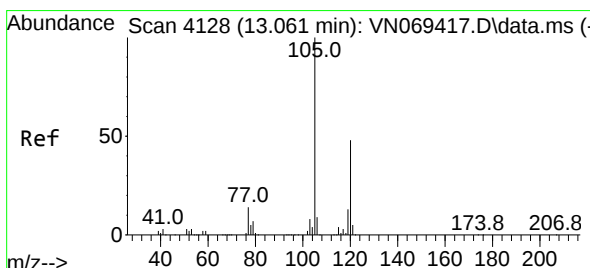
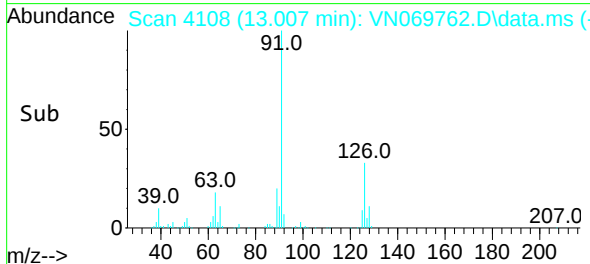
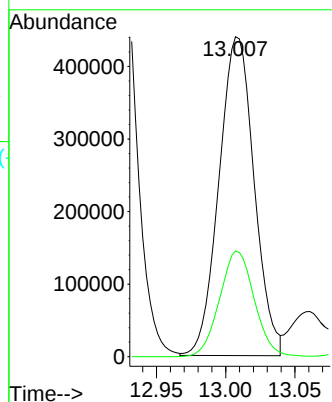
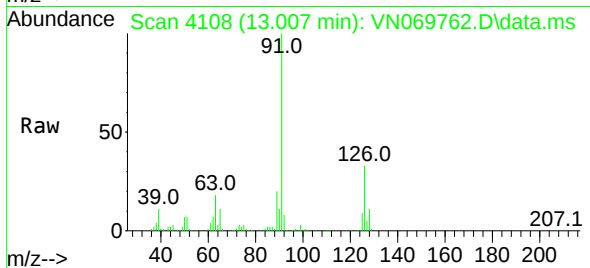




#79
2-Chlorotoluene
Concen: 20.061 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

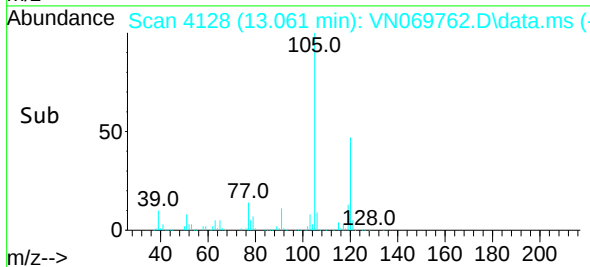
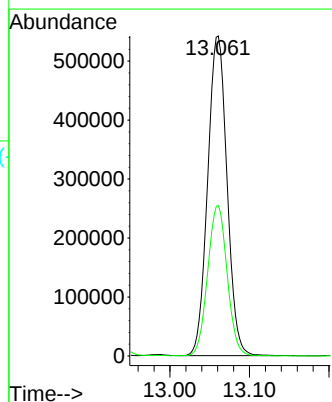
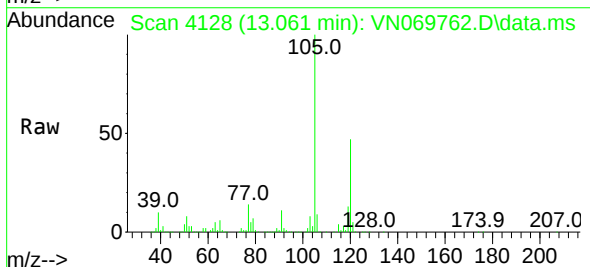
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

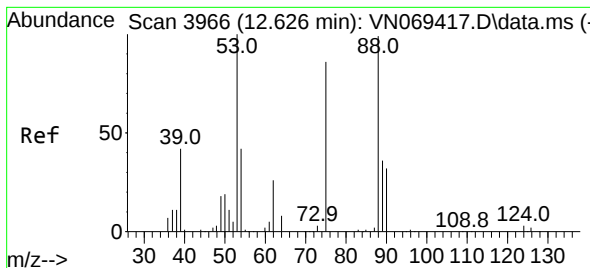
Tgt Ion: 91 Resp: 777023
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.632 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 105 Resp: 914765
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6

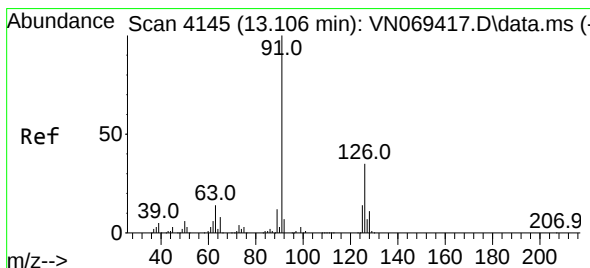
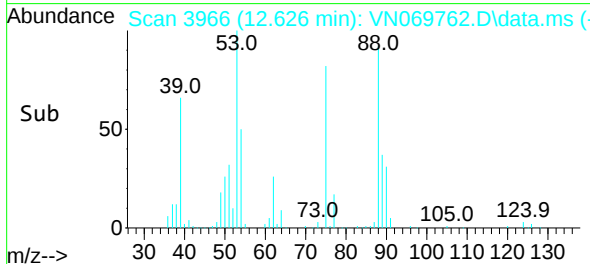
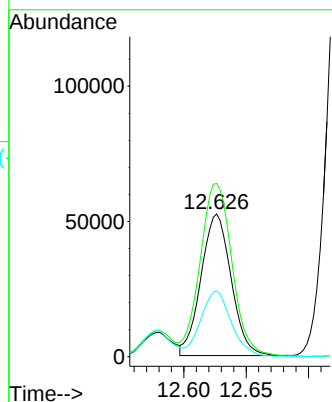
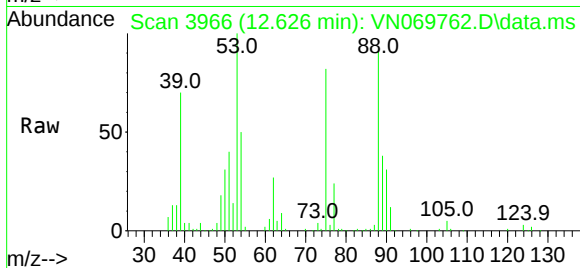




#81
trans-1,4-Dichloro-2-butene
Concen: 18.920 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

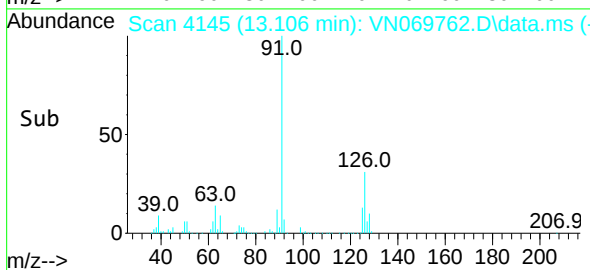
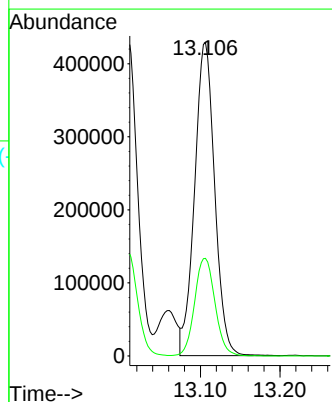
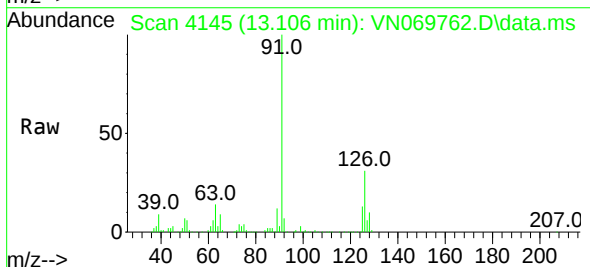
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

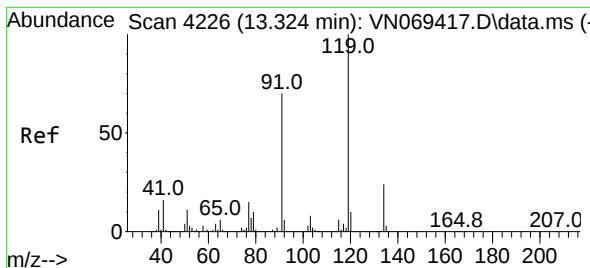
Tgt Ion: 75 Resp: 87737
Ion Ratio Lower Upper
75 100
53 132.1 90.5 135.7
89 47.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.589 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 91 Resp: 749950
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6

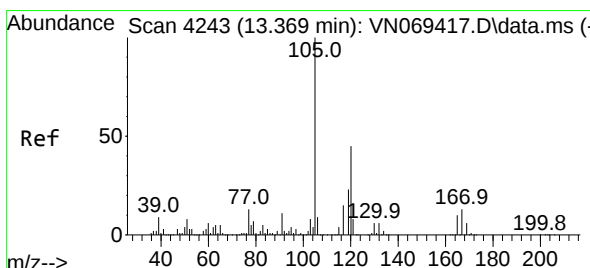
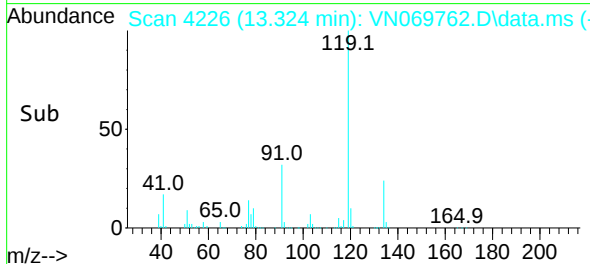
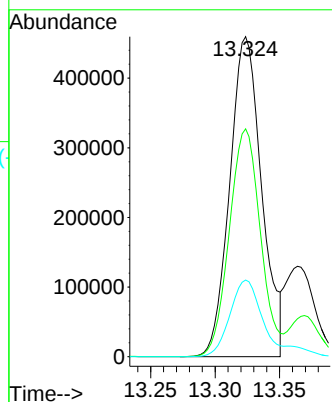
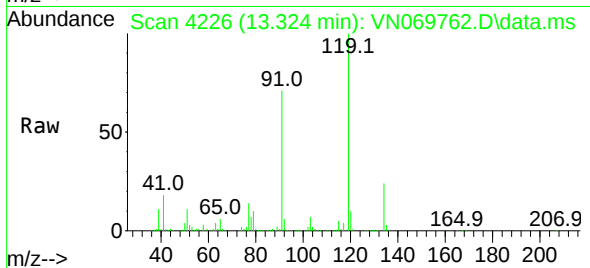




#83
 tert-Butylbenzene
 Concen: 20.204 ug/l
 RT: 13.324 min Scan# 4226
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

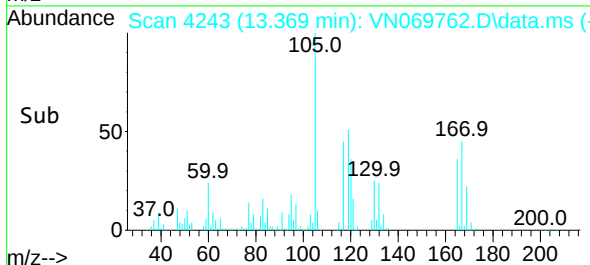
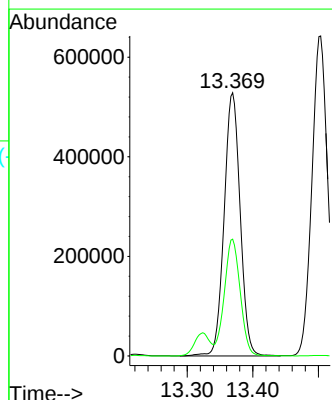
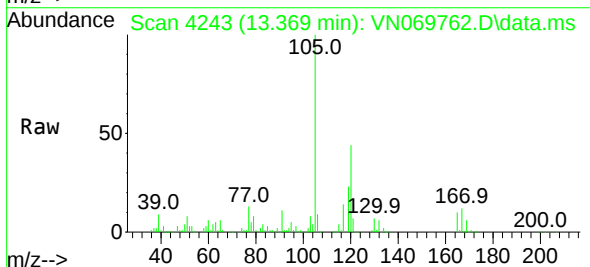
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tgt Ion:119 Resp: 793186
 Ion Ratio Lower Upper
 119 100
 91 69.7 31.5 94.5
 134 26.1 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.284 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion:105 Resp: 898701
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.8 68.4

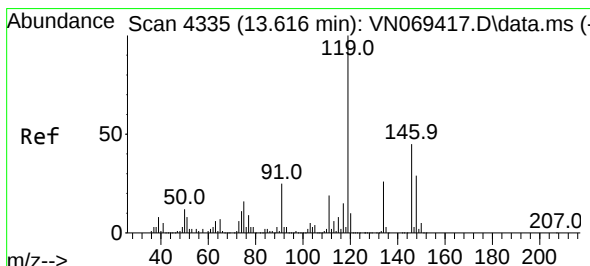
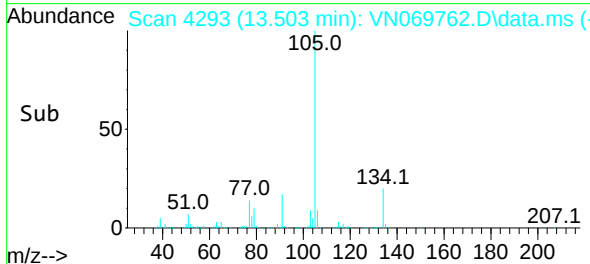
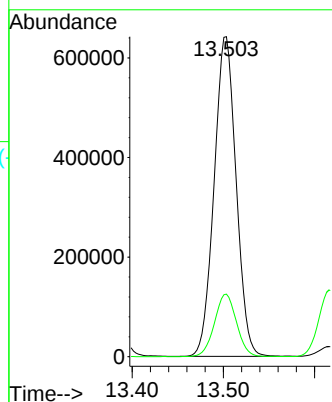
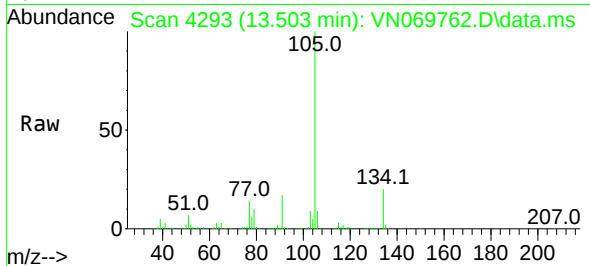




#85
 sec-Butylbenzene
 Concen: 20.194 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

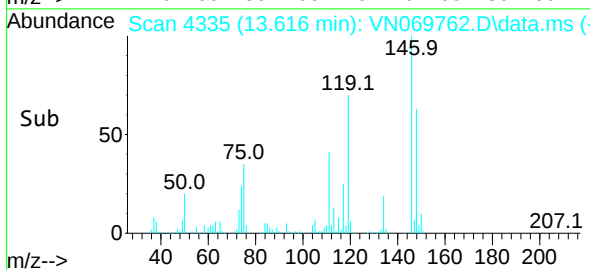
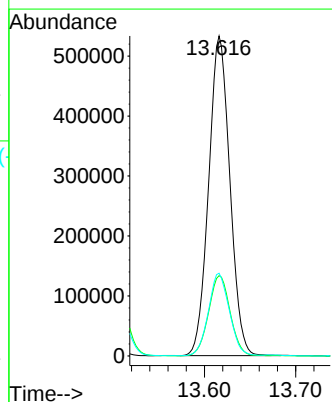
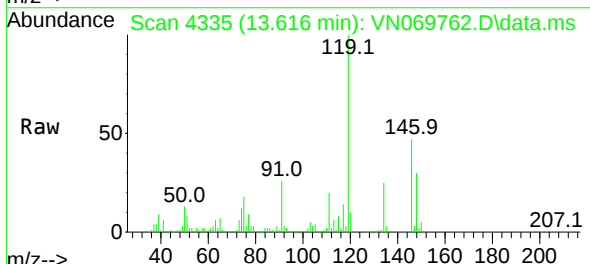
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

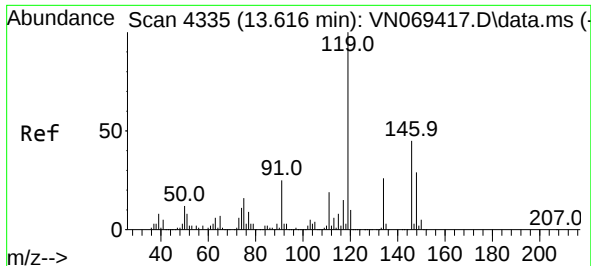
Tgt Ion:105 Resp: 1075384
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.681 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion:119 Resp: 860855
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.4 11.4 34.1

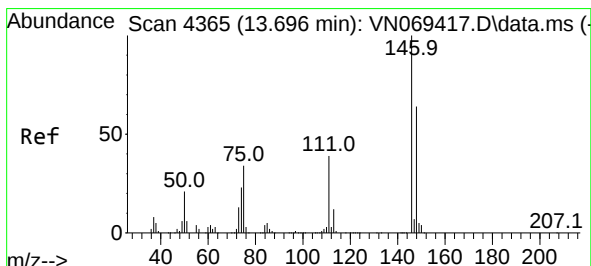
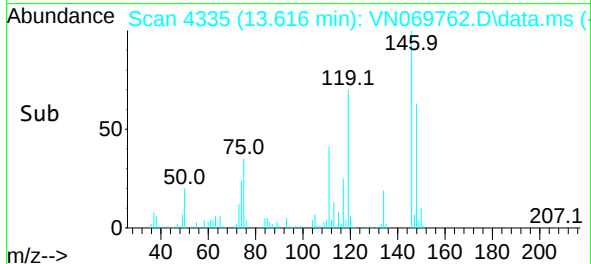
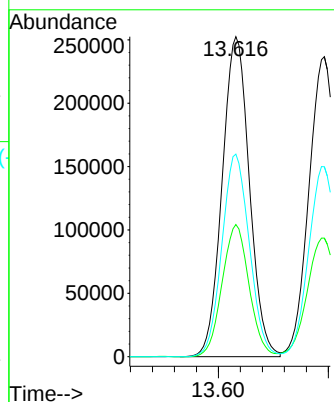
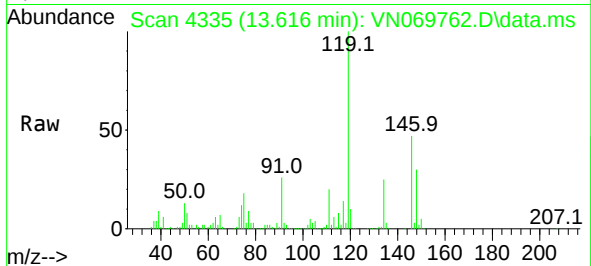




#87
 1,3-Dichlorobenzene
 Concen: 20.452 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

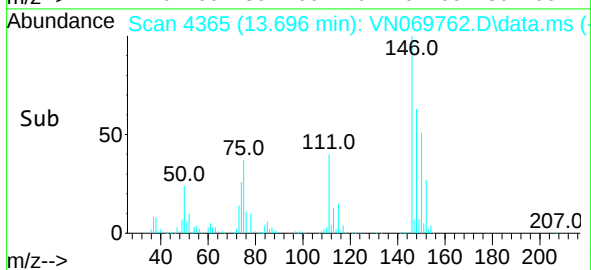
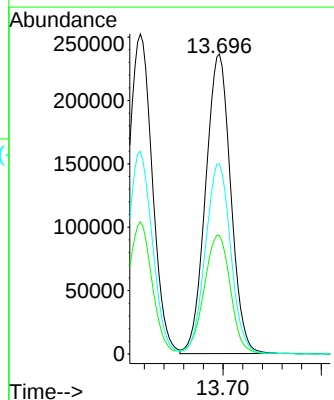
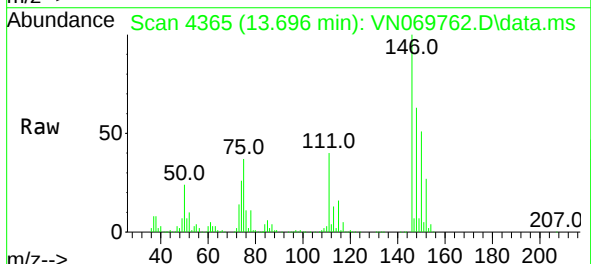
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tgt Ion:146 Resp: 434733
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.6 55.6
 148 64.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 13.696 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion:146 Resp: 420343
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.3 54.8
 148 64.0 31.8 95.4

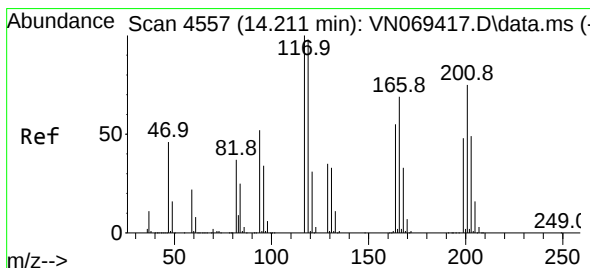
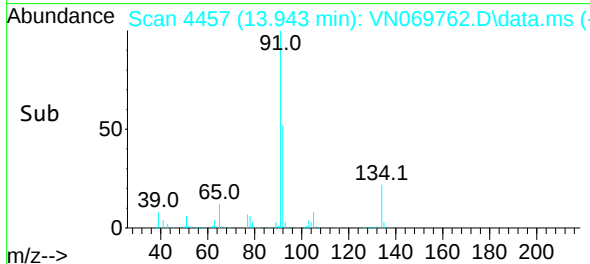
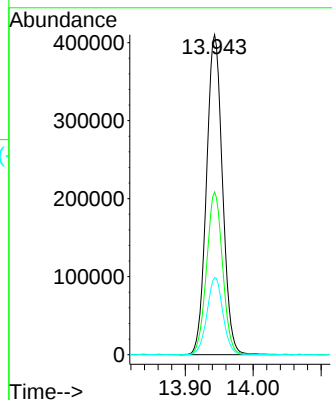
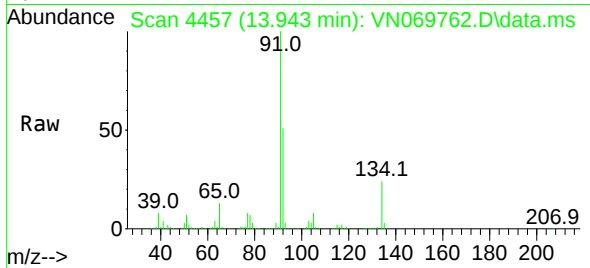




#89
n-Butylbenzene
Concen: 19.856 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

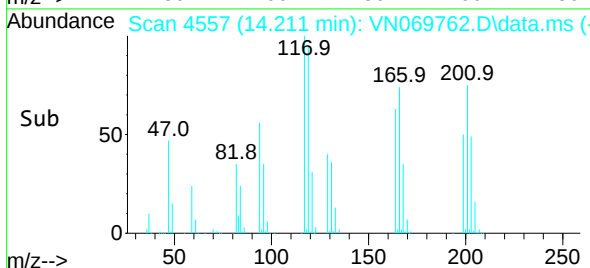
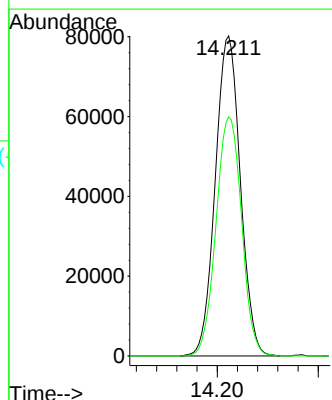
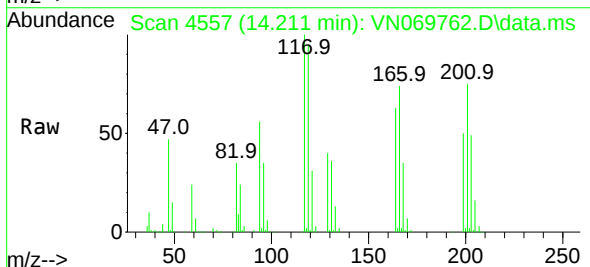
Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

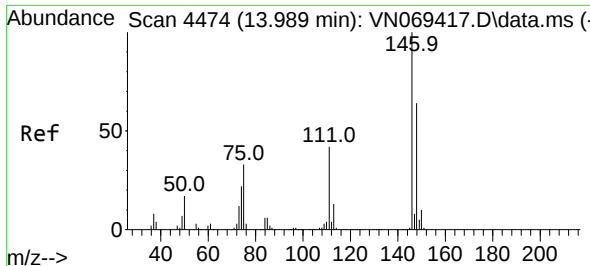
Tgt Ion: 91 Resp: 670433
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.1 13.6 40.8



#90
Hexachloroethane
Concen: 18.904 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion: 117 Resp: 138152
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6

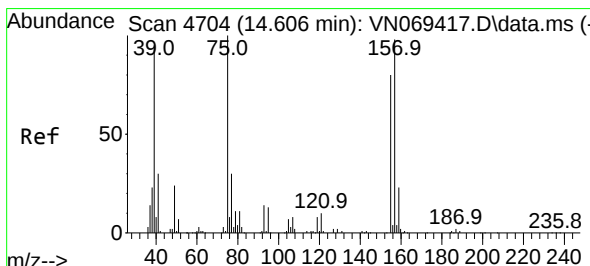
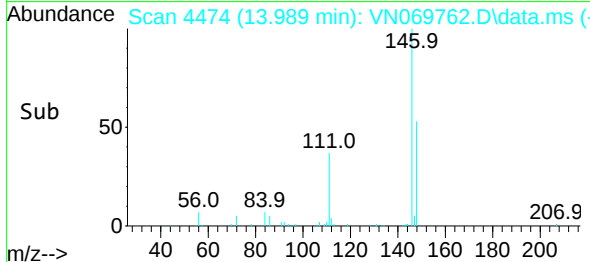
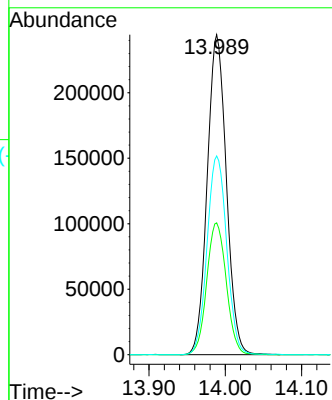
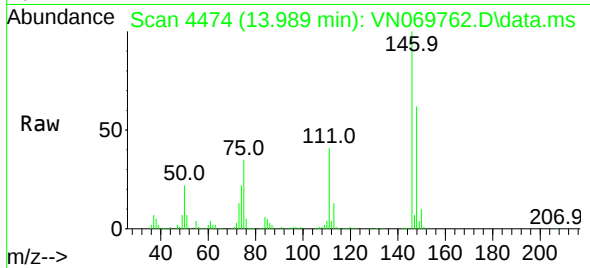




#91
 1,2-Dichlorobenzene
 Concen: 20.554 ug/l
 RT: 13.989 min Scan# 4474
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

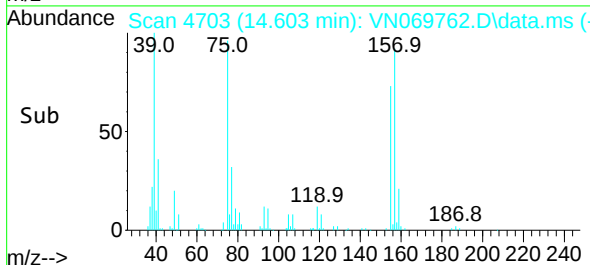
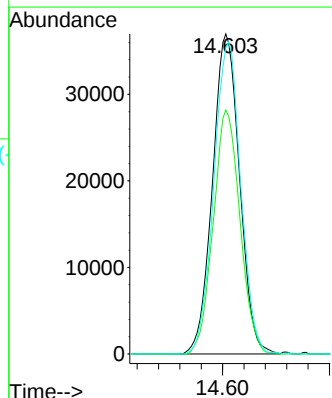
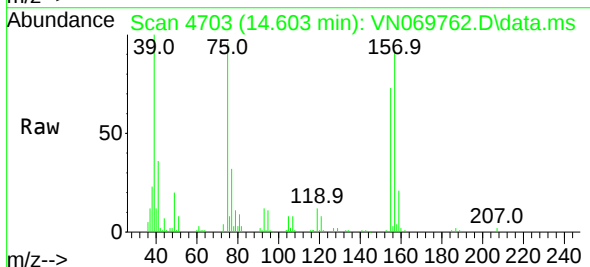
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

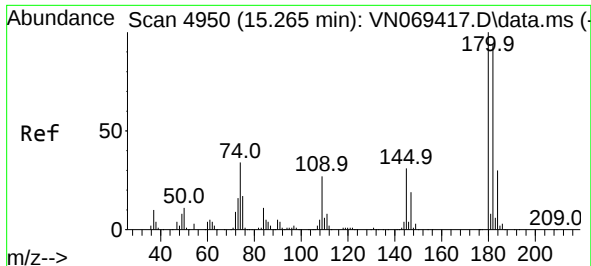
Tgt Ion:146 Resp: 425704
 Ion Ratio Lower Upper
 146 100
 111 42.1 19.1 57.3
 148 63.8 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.866 ug/l
 RT: 14.603 min Scan# 4703
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion: 75 Resp: 64937
 Ion Ratio Lower Upper
 75 100
 155 75.4 46.9 140.7
 157 97.0 60.6 181.7

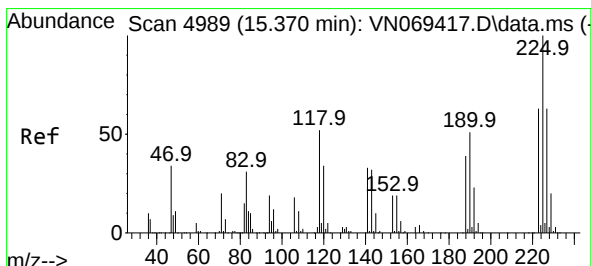
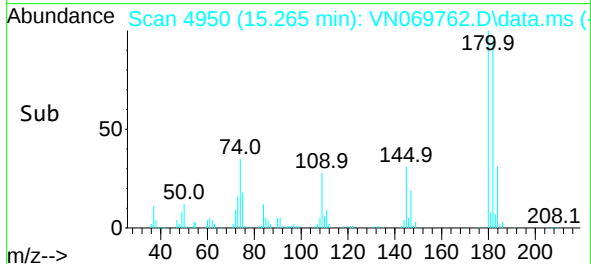
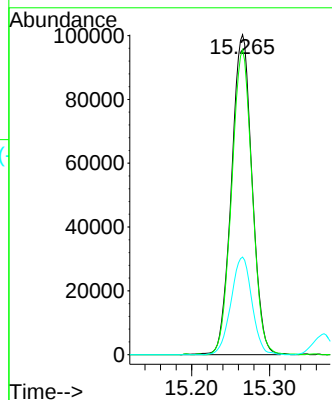
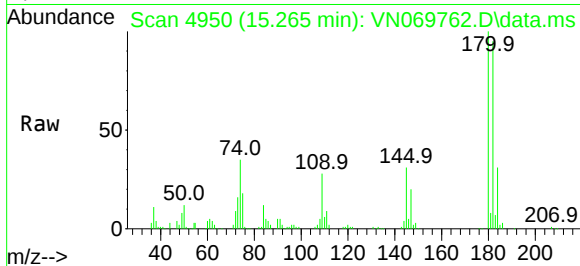




#93
 1,2,4-Trichlorobenzene
 Concen: 19.952 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

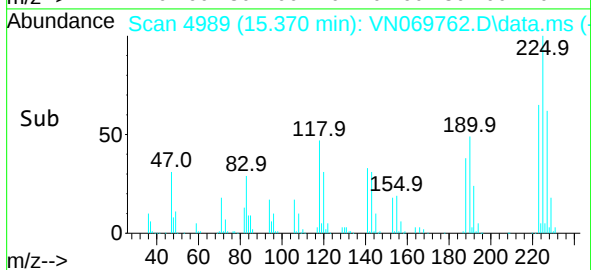
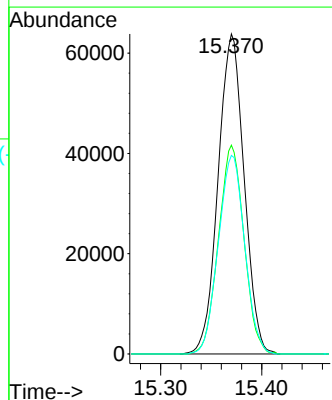
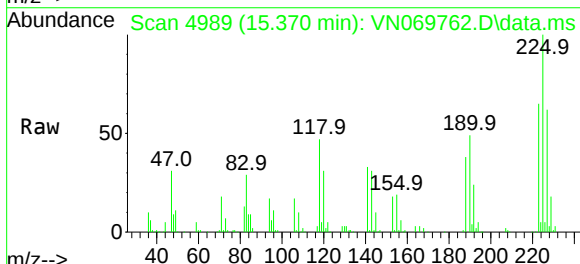
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

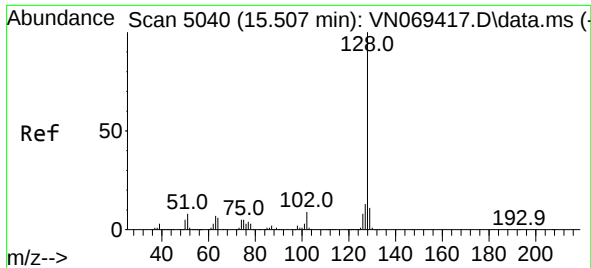
Tgt Ion:180 Resp: 184031
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 31.1 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 20.771 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069762.D
 Acq: 4 Dec 2021 13:49

Tgt Ion:225 Resp: 114009
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.7
 227 62.9 32.1 96.3

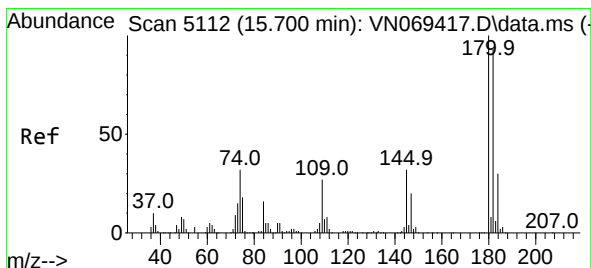
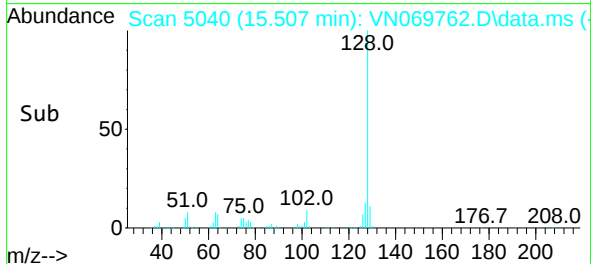
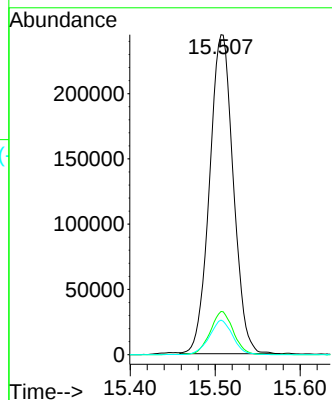
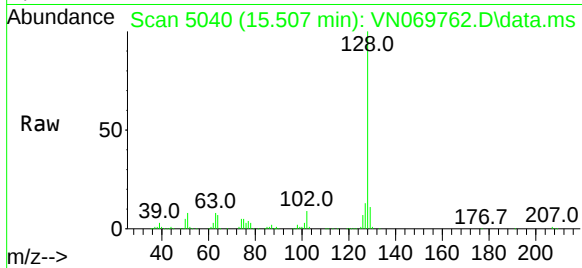




#95
Naphthalene
Concen: 18.417 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tgt Ion:128 Resp: 474468
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.610 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069762.D
Acq: 4 Dec 2021 13:49

Tgt Ion:180 Resp: 178728
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 33.3 15.0 45.1

