

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069509.D
 Acq On : 16 Nov 2021 15:28
 Operator : JC/MD
 Sample : VN1116WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 00:53:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1050644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1785554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1642556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	667661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	772217	50.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	101.38%	
35) Dibromofluoromethane	8.021	113	543536	50.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	101.52%	
50) Toluene-d8	10.443	98	2114973	50.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.731	95	728024	47.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	94.10%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	206720	18.42	ug/l	99
3) Chloromethane	2.306	50	232630	17.87	ug/l	99
4) Vinyl Chloride	2.445	62	237956	18.26	ug/l	98
5) Bromomethane	2.861	94	148127	17.50	ug/l	97
6) Chloroethane	3.025	64	156306	17.77	ug/l	97
7) Trichlorofluoromethane	3.376	101	352208	17.48	ug/l	95
8) Diethyl Ether	3.827	74	122816	18.84	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	181022	19.08	ug/l	93
10) Methyl Iodide	4.419	142	213833	18.37	ug/l	97
11) Tert butyl alcohol	5.382	59	242513	88.35	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	156951	18.43	ug/l	88
13) Acrolein	4.044	56	26843	64.14	ug/l	99
14) Allyl chloride	4.840	41	341722	18.15	ug/l	93
15) Acrylonitrile	5.554	53	699922	99.57	ug/l	100
16) Acetone	4.291	43	715018	86.99	ug/l	97
17) Carbon Disulfide	4.527	76	285380	14.18	ug/l	99
18) Methyl Acetate	4.857	43	514040	19.24	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	708710	19.67	ug/l	99
20) Methylene Chloride	5.098	84	217505	18.66	ug/l	86
21) trans-1,2-Dichloroethene	5.602	96	176086	18.51	ug/l	92
22) Diisopropyl ether	6.498	45	818153	20.17	ug/l	95
23) Vinyl Acetate	6.436	43	3038574	96.87	ug/l	96
24) 1,1-Dichloroethane	6.388	63	404829	19.60	ug/l	98
25) 2-Butanone	7.337	43	1049928	94.34	ug/l	92
26) 2,2-Dichloropropane	7.327	77	281836	17.44	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	230839	19.58	ug/l	89
28) Bromochloromethane	7.657	49	221198	20.91	ug/l #	81
29) Tetrahydrofuran	7.689	42	681740	99.82	ug/l	90
30) Chloroform	7.817	83	421229	19.89	ug/l	98
31) Cyclohexane	8.094	56	371167	17.83	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	340404	19.26	ug/l	95
36) 1,1-Dichloropropene	8.222	75	283117	18.84	ug/l	97
37) Ethyl Acetate	7.415	43	421208	20.74	ug/l	95
38) Carbon Tetrachloride	8.206	117	267840	18.47	ug/l	99
39) Methylcyclohexane	9.461	83	328127	17.56	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.461	78	907231	19.56	ug/l	99
41) Methacrylonitrile	7.638	41	194309	18.52	ug/l	93
42) 1,2-Dichloroethane	8.531	62	372621	20.52	ug/l	98
43) Isopropyl Acetate	8.560	43	637637	19.55	ug/l	94
44) Trichloroethene	9.217	130	214517	19.33	ug/l	92
45) 1,2-Dichloropropane	9.491	63	249273	20.12	ug/l	99
46) Dibromomethane	9.577	93	160285	19.31	ug/l	92
47) Bromodichloromethane	9.762	83	296173	19.12	ug/l	98
48) Methyl methacrylate	9.561	41	286283	18.65	ug/l	93
49) 1,4-Dioxane	9.569	88	104394	368.88	ug/l	90
51) 4-Methyl-2-Pentanone	10.330	43	2130108	101.16	ug/l	95
52) Toluene	10.505	92	562056	19.45	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	290605	17.09	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	328699	17.55	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	234840	20.16	ug/l	98
56) Ethyl methacrylate	10.762	69	369306	18.19	ug/l	88
57) 1,3-Dichloropropane	11.047	76	404670	19.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	392281	85.95	ug/l	93
59) 2-Hexanone	11.087	43	1495052	89.36	ug/l	93
60) Dibromochloromethane	11.237	129	199686	17.28	ug/l	99
61) 1,2-Dibromoethane	11.347	107	230032	18.39	ug/l	100
64) Tetrachloroethene	10.977	164	190682	19.23	ug/l	94
65) Chlorobenzene	11.771	112	598330	19.57	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	210208	19.82	ug/l	98
67) Ethyl Benzene	11.843	91	1083214	19.21	ug/l	97
68) m/p-Xylenes	11.953	106	785515	37.88	ug/l	93
69) o-Xylene	12.280	106	401796	19.43	ug/l	94
70) Styrene	12.294	104	629761	17.97	ug/l	96
71) Bromoform	12.460	173	130744	16.65	ug/l #	100
73) Isopropylbenzene	12.578	105	1038492	19.54	ug/l	99
74) N-amyl acetate	12.390	43	415205	18.43	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	369719	20.62	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	421821	27.38	ug/l #	1
77) Bromobenzene	12.860	156	240757	19.80	ug/l	81
78) n-propylbenzene	12.921	91	1161894	19.42	ug/l	96
79) 2-Chlorotoluene	13.007	91	720643	19.46	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	845802	19.68	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	69186	17.61	ug/l #	80
82) 4-Chlorotoluene	13.106	91	668777	18.94	ug/l	94
83) tert-Butylbenzene	13.324	119	751817	19.96	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	807063	19.45	ug/l	99
85) sec-Butylbenzene	13.501	105	1016815	19.33	ug/l	98
86) p-Isopropyltoluene	13.616	119	785938	18.82	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	404955	19.21	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	386437	18.69	ug/l	96
89) n-Butylbenzene	13.943	91	598563	17.19	ug/l	98
90) Hexachloroethane	14.211	117	125103	17.75	ug/l	83
91) 1,2-Dichlorobenzene	13.989	146	399917	19.94	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56027	18.00	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	154430	16.89	ug/l	97
94) Hexachlorobutadiene	15.370	225	100287	19.24	ug/l	98
95) Naphthalene	15.507	128	388744	16.40	ug/l	99

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ClientSampleId :

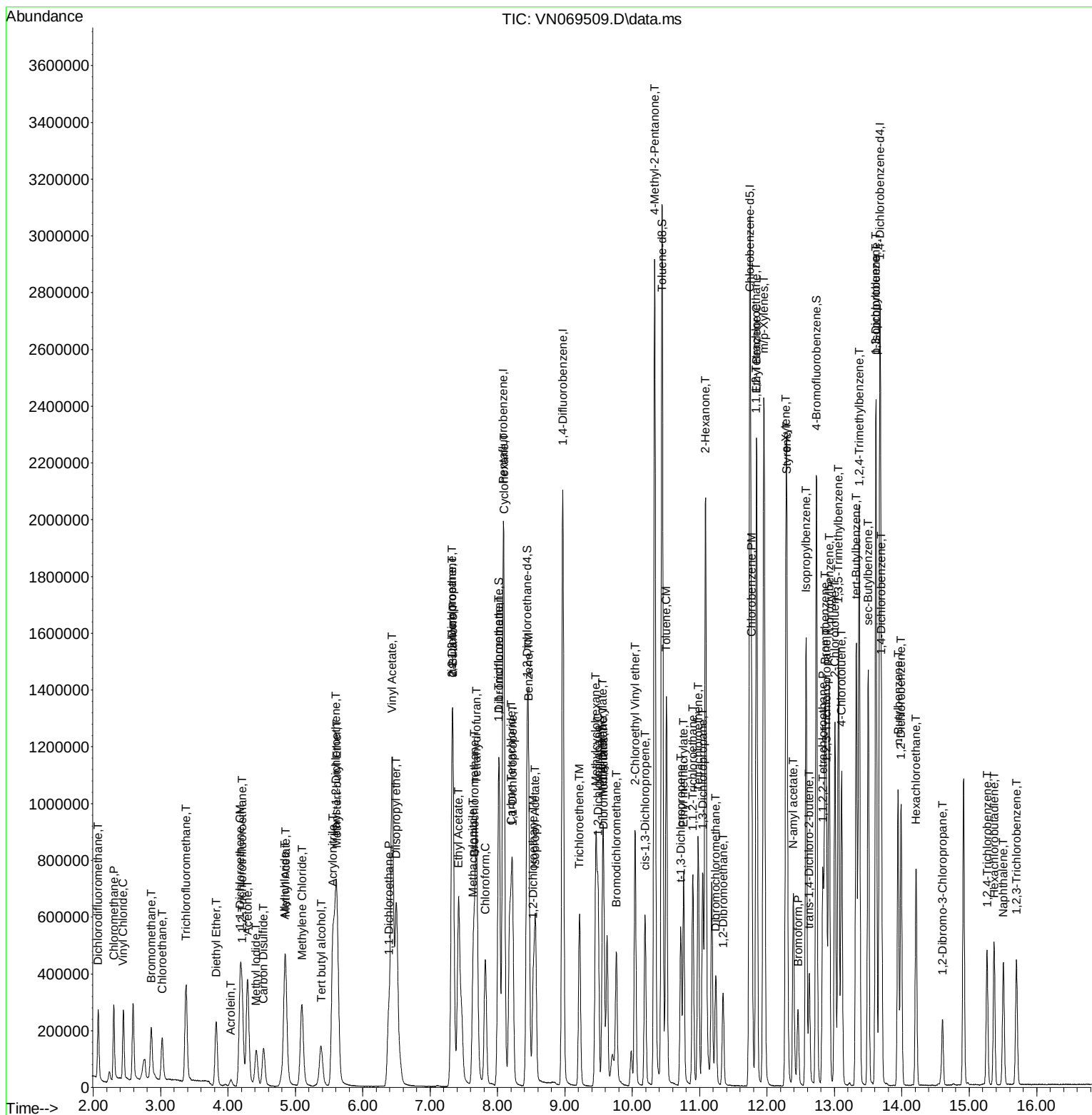
Quant Time: Nov 17 00:53:48 2021
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Quant Title : Sw846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.700	180	154609	17.58	ug/l	99

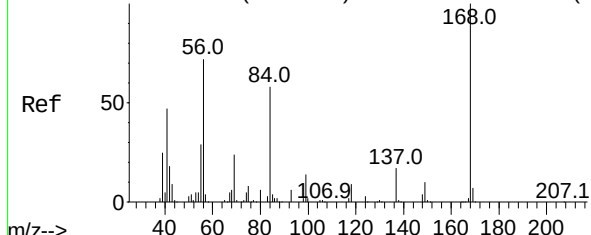
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 17 00:53:48 2021
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Quant Title : SW846 8260
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Abundance Scan 2273 (8.086 min): VN069417.D\data.ms (-2241) (-)



Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

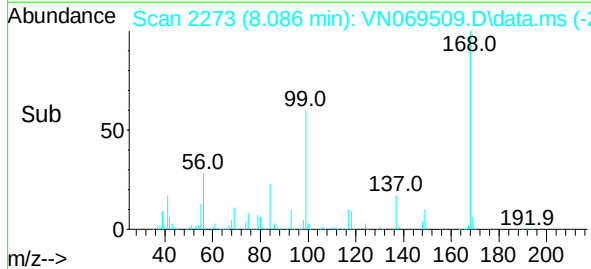
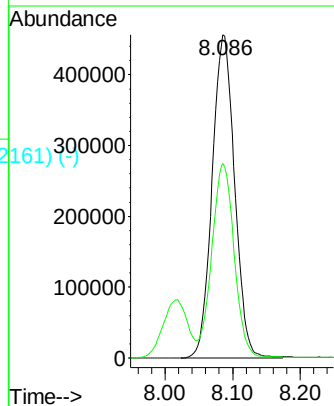
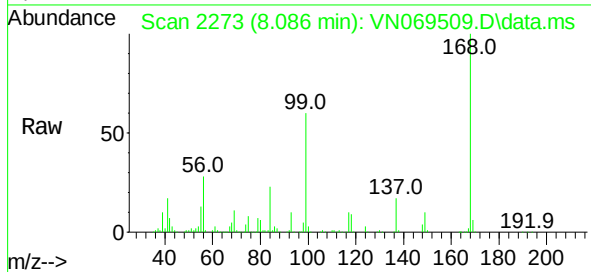
ClientSampleId :

Tgt Ion:168 Resp: 1050644

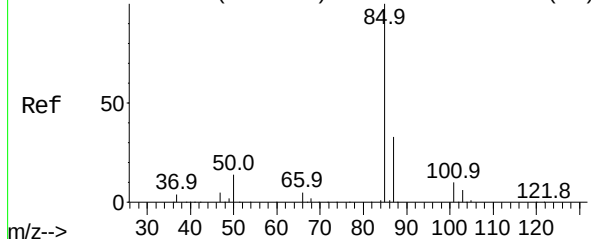
Ion Ratio Lower Upper

168 100

99 60.0 41.3 61.9



Abundance Scan 31 (2.073 min): VN069417.D\data.ms (-16) (-#2)



Dichlorodifluoromethane

Concen: 18.42 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069509.D

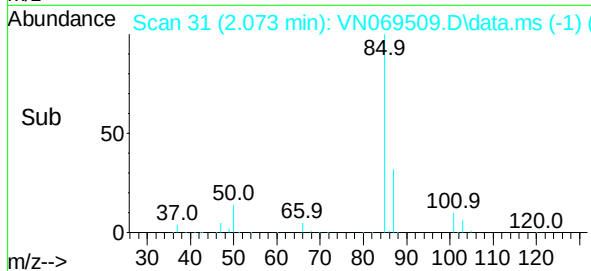
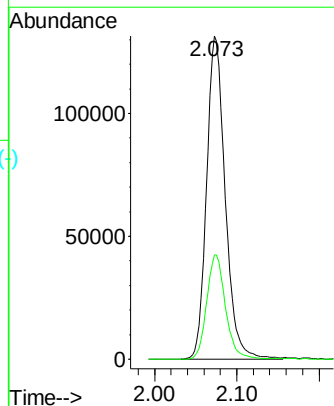
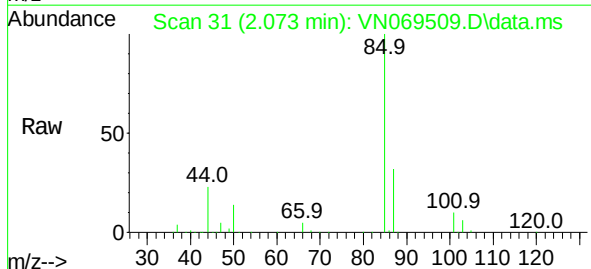
Acq: 16 Nov 2021 15:28

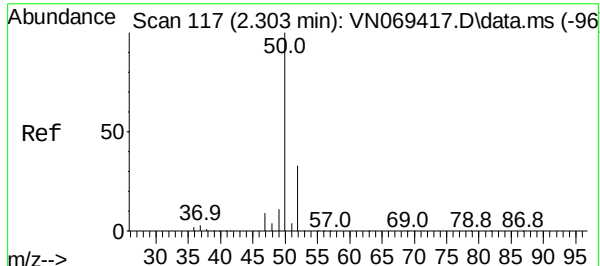
Tgt Ion: 85 Resp: 206720

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9

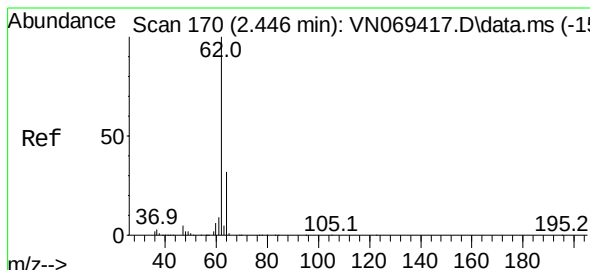
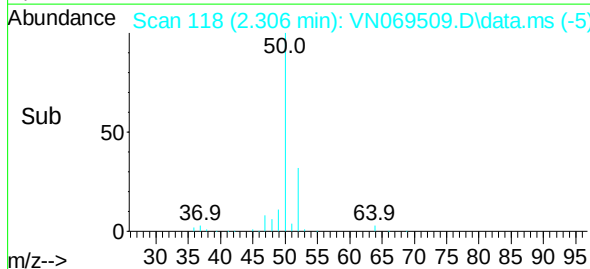
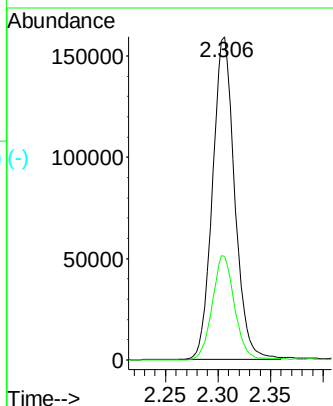
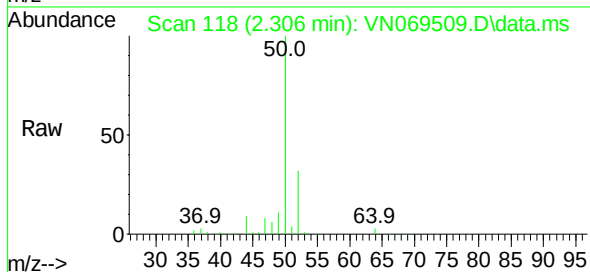




Chloromethane
 Concen: 17.87 ug/l
 RT: 2.306 min Scan# 117
 Delta R.T. 0.003 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

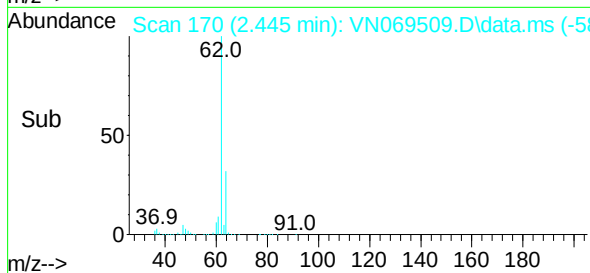
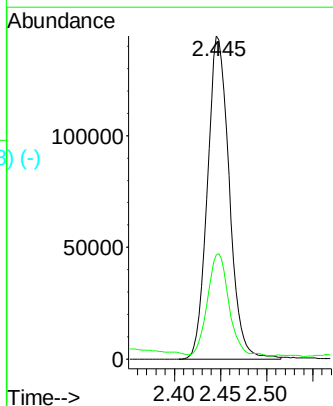
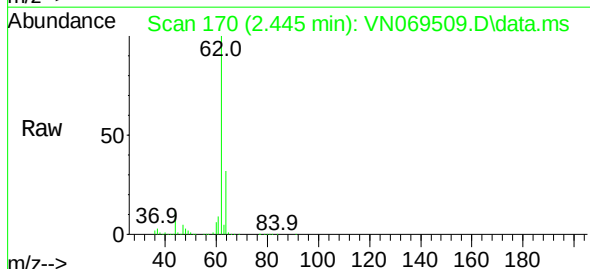
Instrument :
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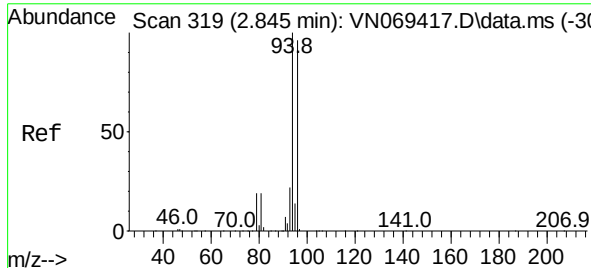
Tgt Ion: 50 Resp: 232630
 Ion Ratio Lower Upper
 50 100
 52 32.2 25.4 38.0



Vinyl Chloride
 Concen: 18.26 ug/l
 RT: 2.445 min Scan# 170
 Delta R.T. -0.001 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Tgt Ion: 62 Resp: 237956
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.8 38.6





Bromomethane

Concen: 17.50 ug/l

RT: 2.861 min Scan#

Delta R.T. 0.016 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

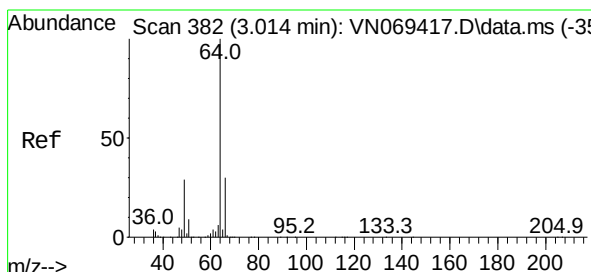
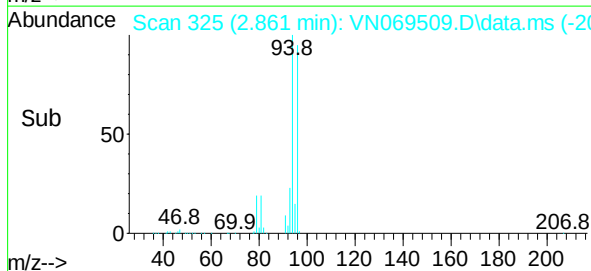
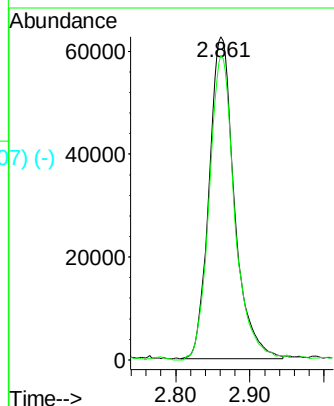
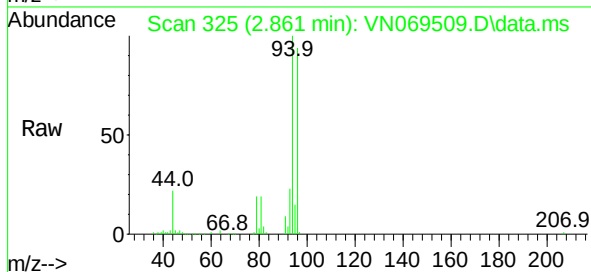
ClientSampleId :

Tgt Ion: 94 Resp: 148127

Ion Ratio Lower Upper

94 100

96 94.8 73.8 110.8



Chloroethane

Concen: 17.77 ug/l

RT: 3.025 min Scan# 386

Delta R.T. 0.011 min

Lab File: VN069509.D

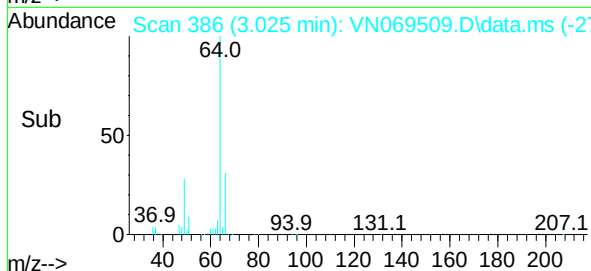
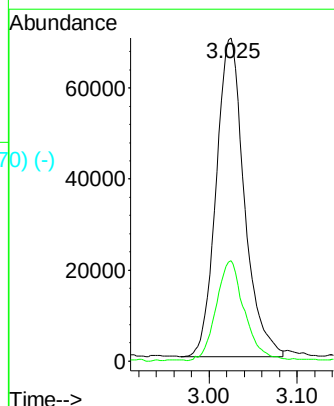
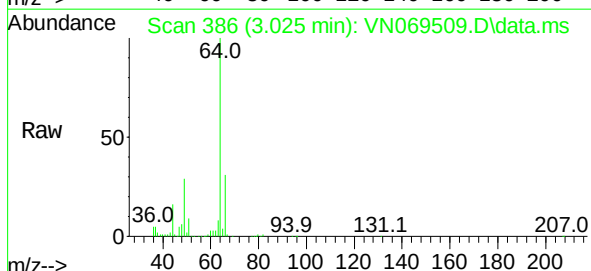
Acq: 16 Nov 2021 15:28

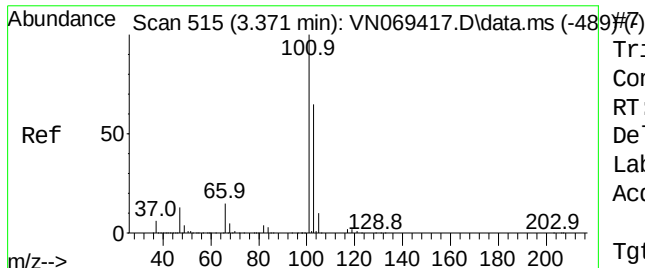
Tgt Ion: 64 Resp: 156306

Ion Ratio Lower Upper

64 100

66 31.0 26.3 39.5

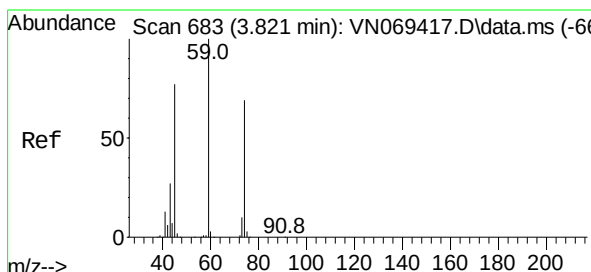
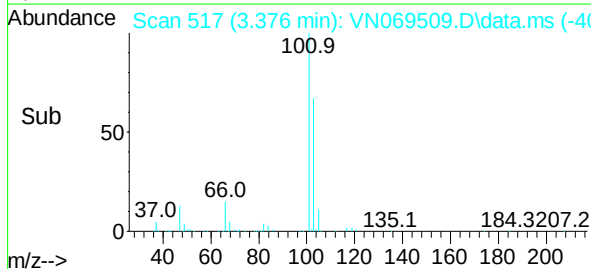
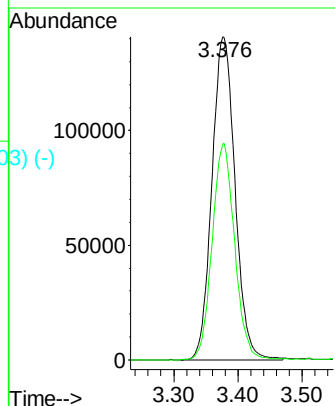
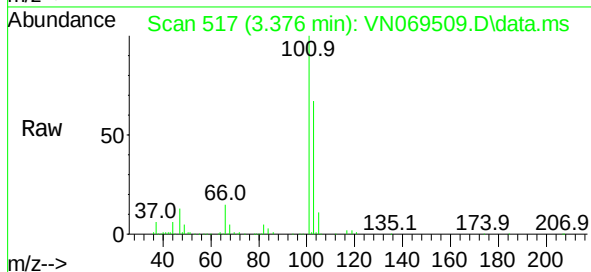




Trichlorofluoromethane
 Concen: 17.48 ug/l
 RT: 3.376 min Scan# 4
 Delta R.T. 0.005 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

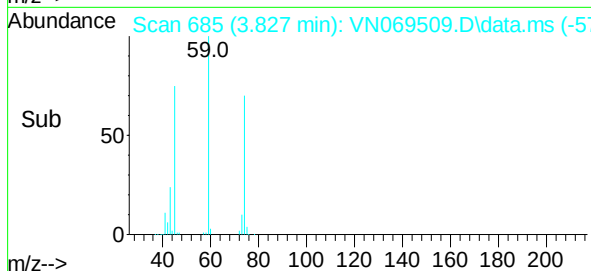
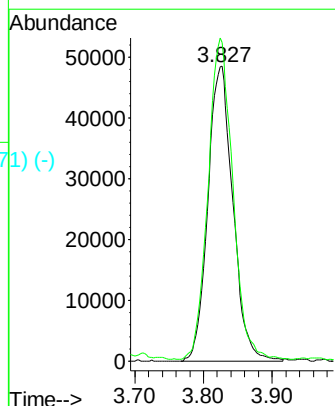
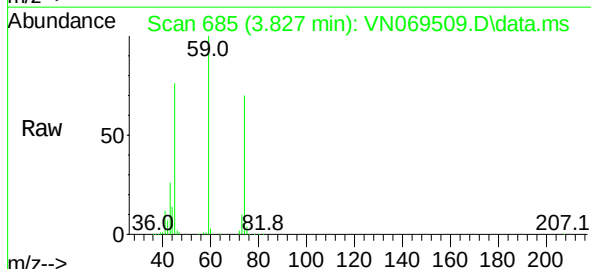
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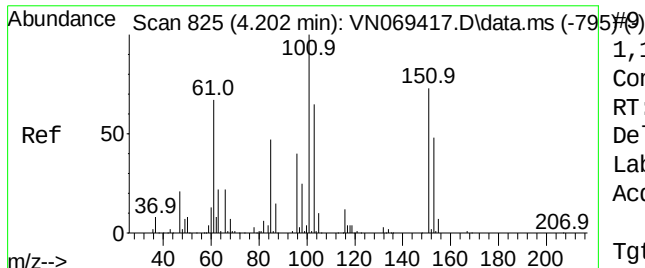
Tgt Ion:101 Resp: 352208
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.1 75.1



Diethyl Ether
 Concen: 18.84 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.006 min
 Lab File: VN069509.D
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Tgt Ion: 74 Resp: 122816
 Ion Ratio Lower Upper
 74 100
 45 107.0 47.0 141.2





1,1,2-Trichlorotrifluoroethane

Concen: 19.08 ug/l

RT: 4.210 min Scan# 825

Delta R.T. 0.008 min

Lab File: VN069509.D

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Instrument :

MSVOA_N

ClientSampleId :

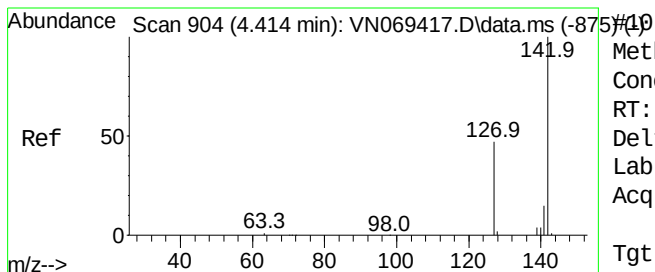
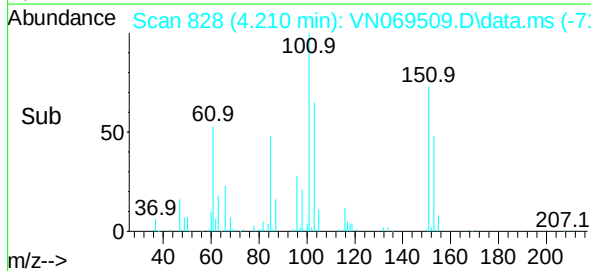
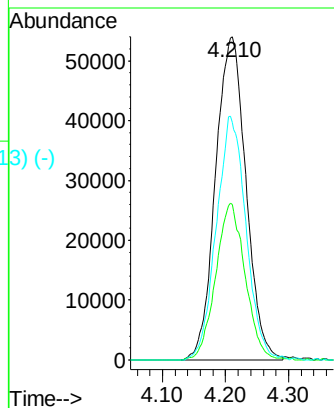
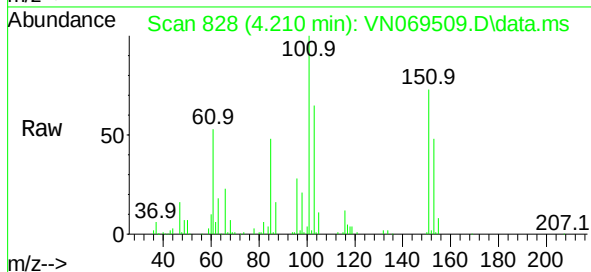
Tgt Ion:101 Resp: 181022

Ion Ratio Lower Upper

101 100

85 46.8 37.2 55.8

151 73.3 65.9 98.9



Methyl Iodide

Concen: 18.37 ug/l

RT: 4.419 min Scan# 906

Delta R.T. 0.005 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

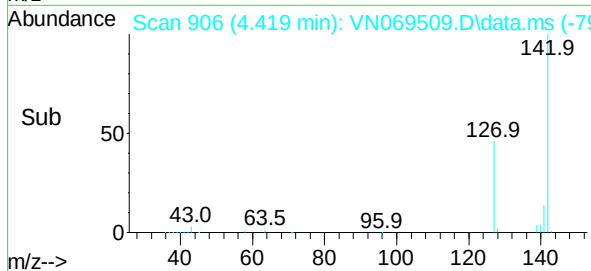
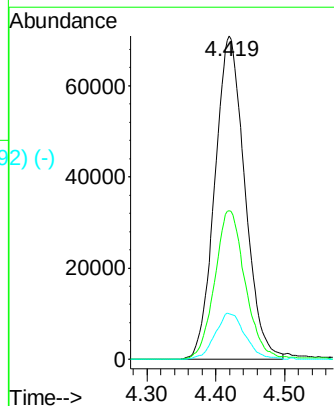
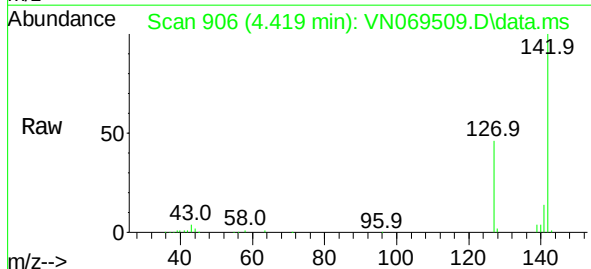
Tgt Ion:142 Resp: 213833

Ion Ratio Lower Upper

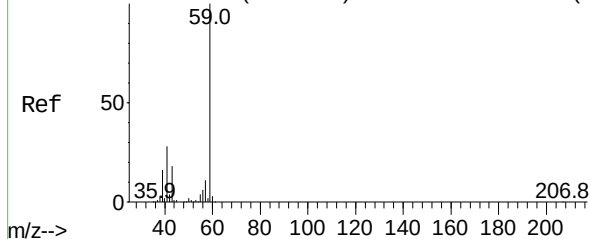
142 100

127 46.9 35.4 53.0

141 14.2 11.6 17.4



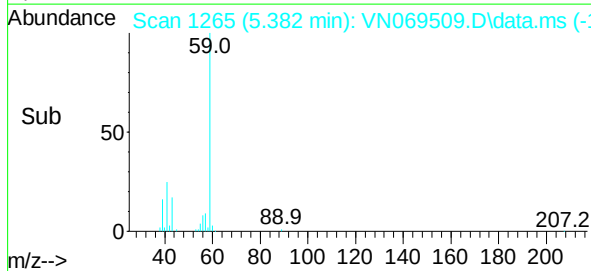
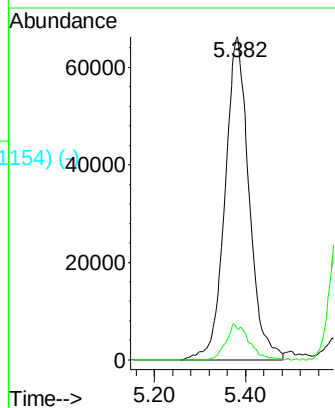
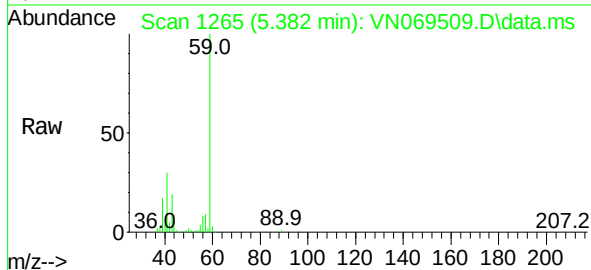
Abundance Scan 1266 (5.385 min): VN069417.D\data.ms (-12321)



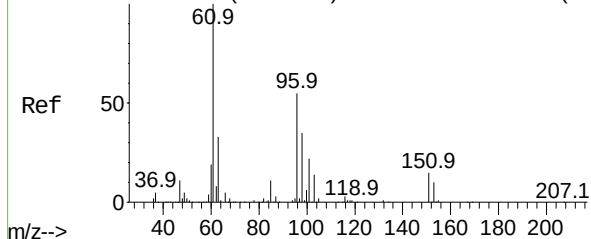
Tert butyl alcohol
Concen: 88.35 ug/l
RT: 5.382 min Scan# 1266
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 242513
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1#

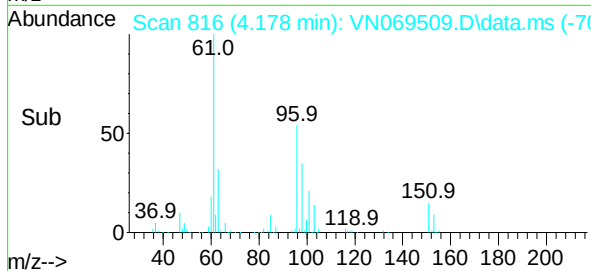
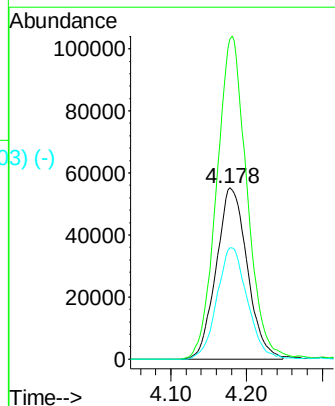
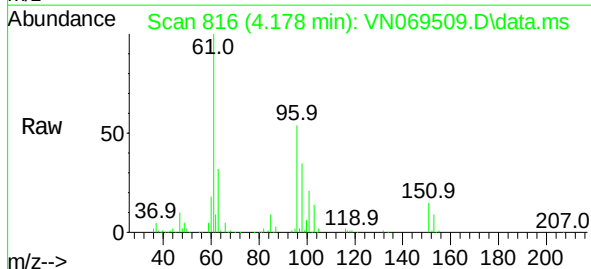


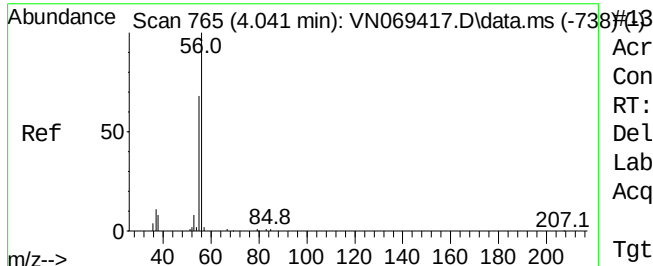
Abundance Scan 815 (4.175 min): VN069417.D\data.ms (-7894)



1,1-Dichloroethene
Concen: 18.43 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 96 Resp: 156951
Ion Ratio Lower Upper
96 100
61 186.9 131.0 196.6
98 65.1 52.4 78.6





Acrolein

Concen: 64.14 ug/l

RT: 4.044 min Scan#

Delta R.T. 0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

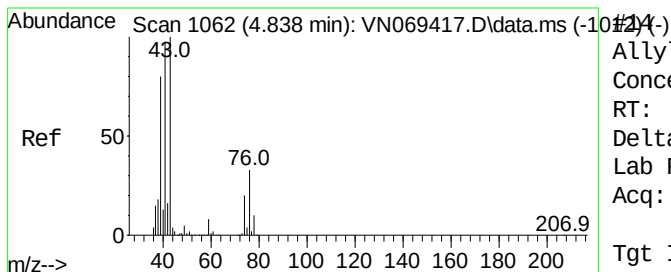
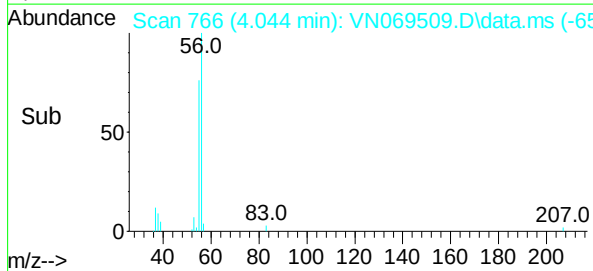
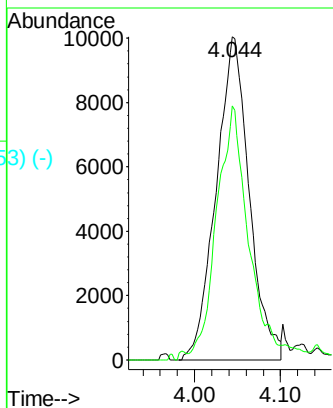
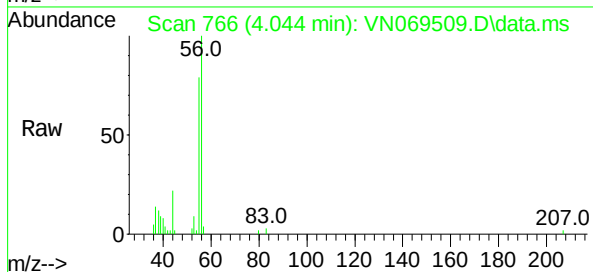
ClientSampleId :

Tgt Ion: 56 Resp: 26843

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



Allyl chloride

Concen: 18.15 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

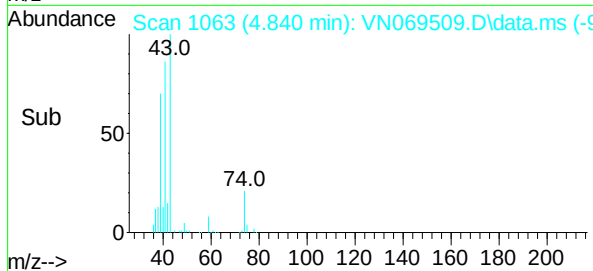
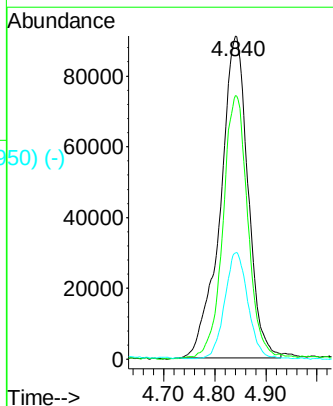
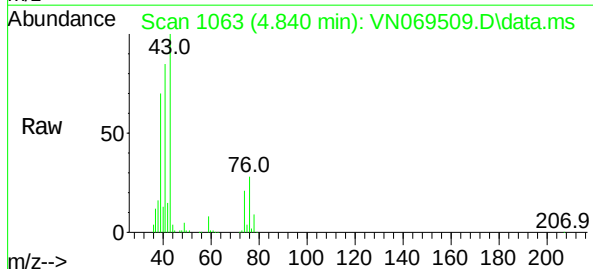
Tgt Ion: 41 Resp: 341722

Ion Ratio Lower Upper

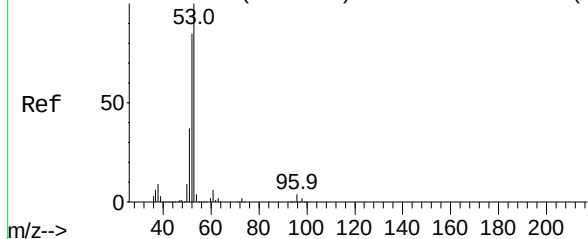
41 100

39 71.4 61.2 91.8

76 27.5 26.0 39.0



Abundance Scan 1329 (5.554 min): VN069417.D\data.ms (-1293) (-)



Acrylonitrile

Concen: 99.57 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

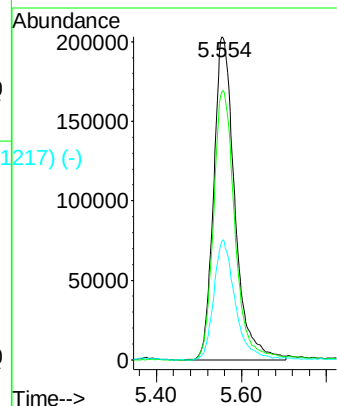
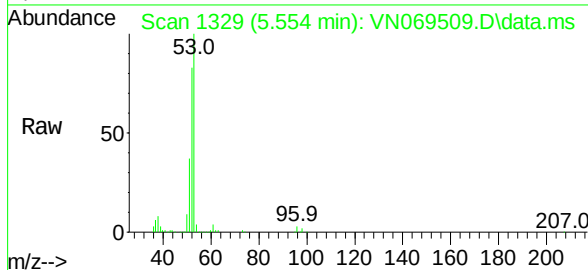
Tgt Ion: 53 Resp: 699922

Ion Ratio Lower Upper

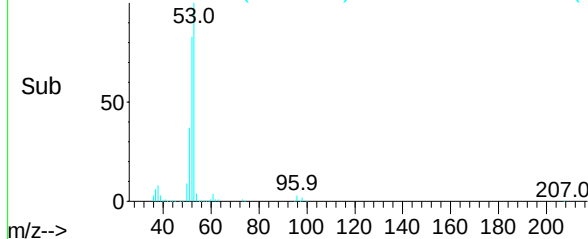
53 100

52 83.0 66.2 99.2

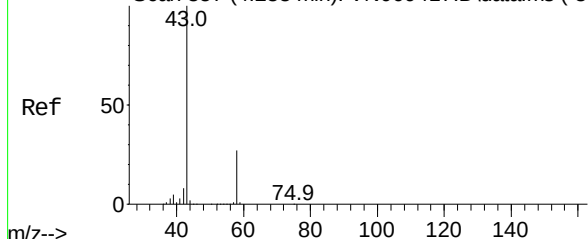
51 37.4 29.6 44.4



Abundance Scan 1329 (5.554 min): VN069509.D\data.ms (-1217) (-)



Abundance Scan 857 (4.288 min): VN069417.D\data.ms (-833) (-)



Acetone

Concen: 86.99 ug/l

RT: 4.291 min Scan# 858

Delta R.T. 0.003 min

Lab File: VN069509.D

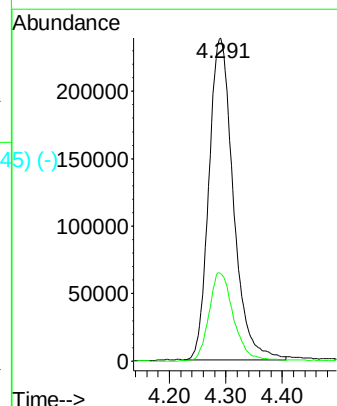
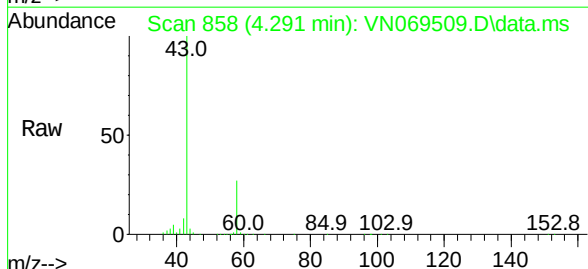
Acq: 16 Nov 2021 15:28

Tgt Ion: 43 Resp: 715018

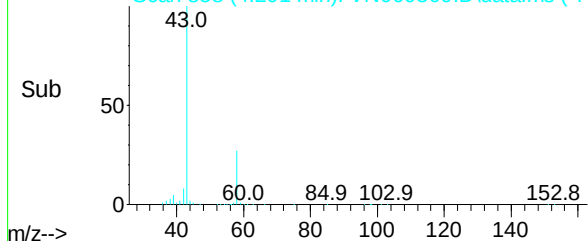
Ion Ratio Lower Upper

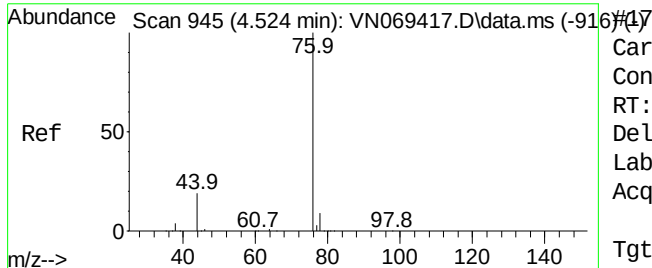
43 100

58 27.2 23.1 34.7



Abundance Scan 858 (4.291 min): VN069509.D\data.ms (-745) (-)





Carbon Disulfide

Concen: 14.18 ug/l

RT: 4.527 min Scan# 17

Delta R.T. 0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

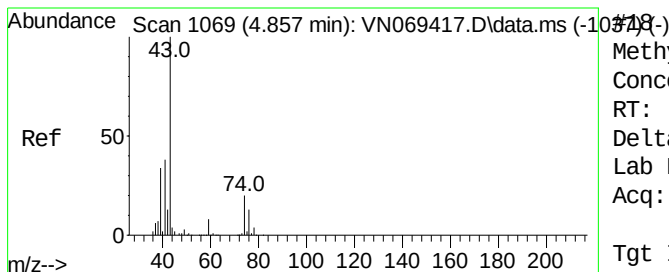
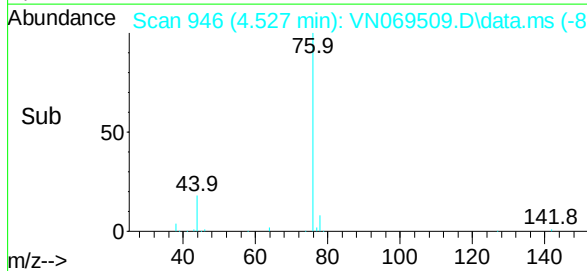
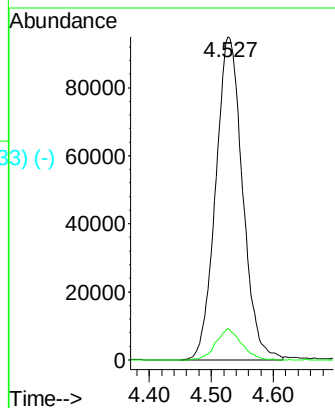
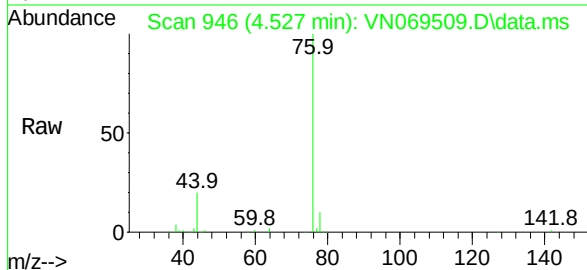
ClientSampleId :

Tgt Ion: 76 Resp: 285380

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



Methyl Acetate

Concen: 19.24 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN069509.D

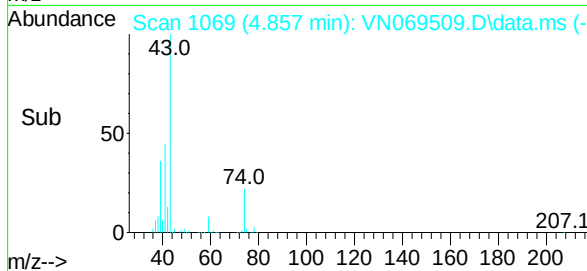
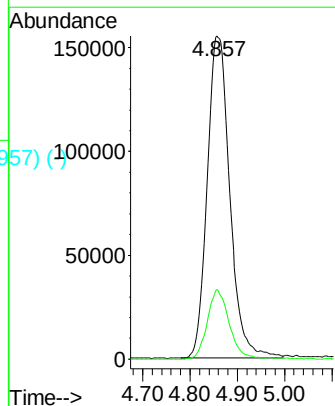
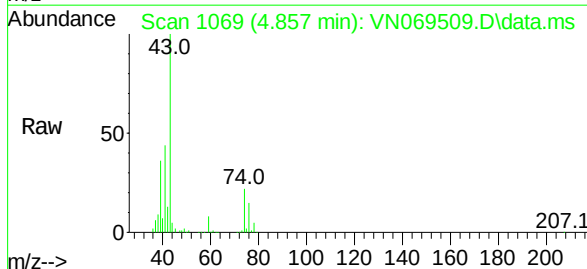
Acq: 16 Nov 2021 15:28

Tgt Ion: 43 Resp: 514040

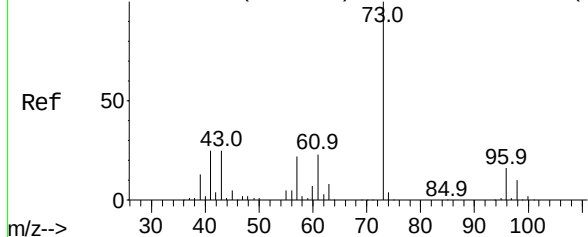
Ion Ratio Lower Upper

43 100

74 20.9 19.4 29.2



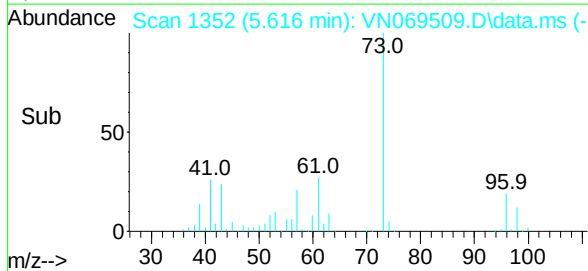
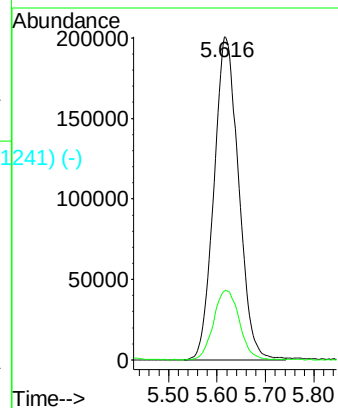
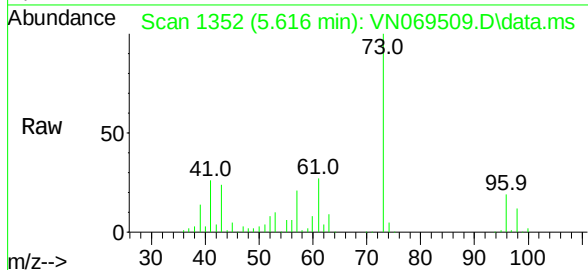
Abundance Scan 1353 (5.618 min): VN069417.D\data.ms (-1319)



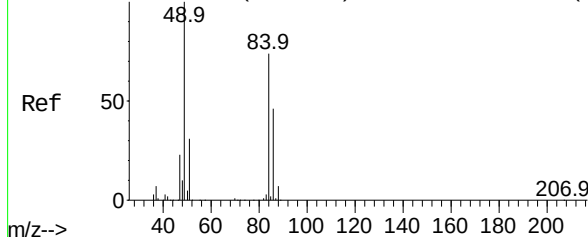
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 5.616 min Scan# 1159
Delta R.T. -0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 708710
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2

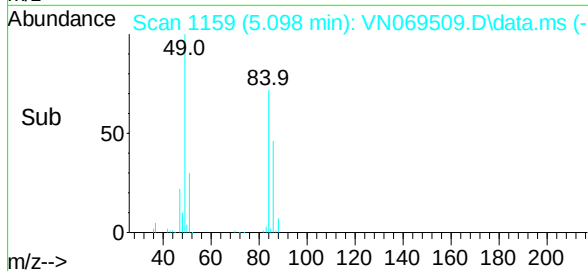
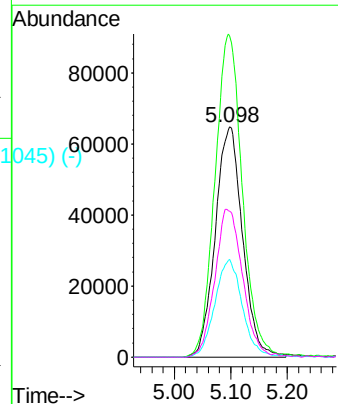
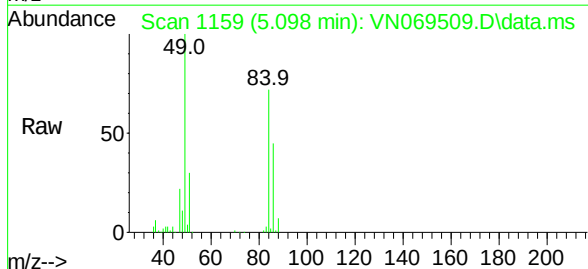


Abundance Scan 1157 (5.093 min): VN069417.D\data.ms (-1120)

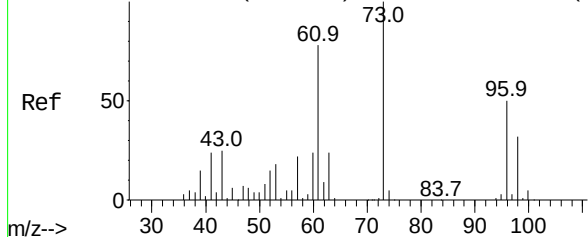


Methylene Chloride
Concen: 18.66 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 84 Resp: 217505
Ion Ratio Lower Upper
84 100
49 139.4 93.5 140.3
51 42.5 29.4 44.2
86 63.4 53.0 79.4



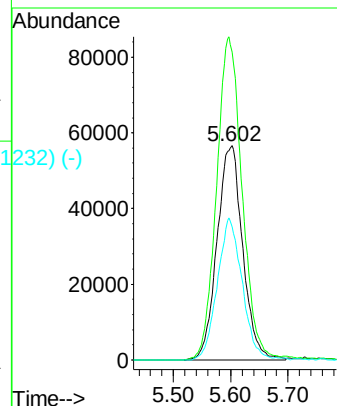
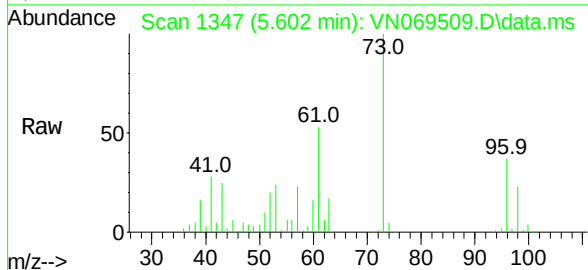
Abundance Scan 1344 (5.594 min): VN069417.D\data.ms (-1344) (-)



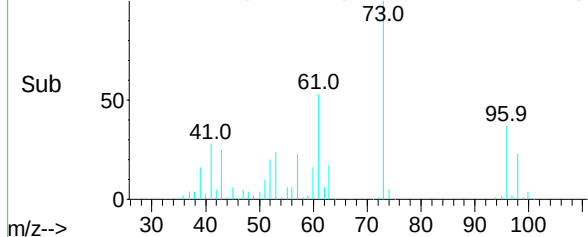
trans-1,2-Dichloroethene
Concen: 18.51 ug/l
RT: 5.602 min Scan# 1344
Delta R.T. 0.008 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

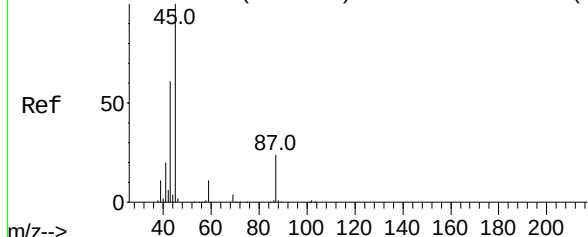
Tgt Ion: 96 Resp: 176086
Ion Ratio Lower Upper
96 100
61 143.6 105.8 158.6
98 62.1 52.0 78.0



Abundance Scan 1347 (5.602 min): VN069509.D\data.ms (-1232) (-)

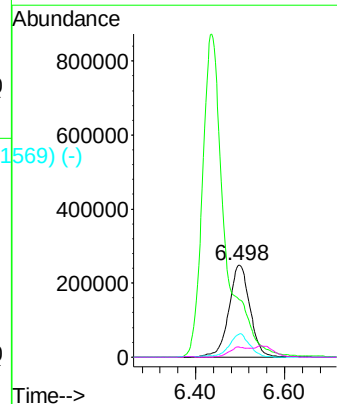
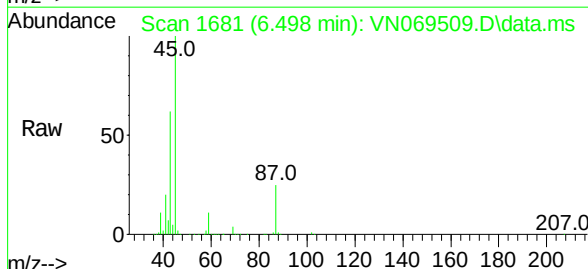


Abundance Scan 1681 (6.498 min): VN069417.D\data.ms (-1681) (-)

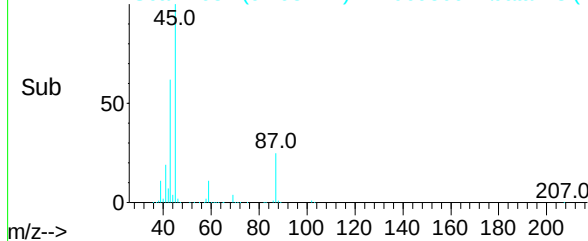


Diisopropyl ether
Concen: 20.17 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

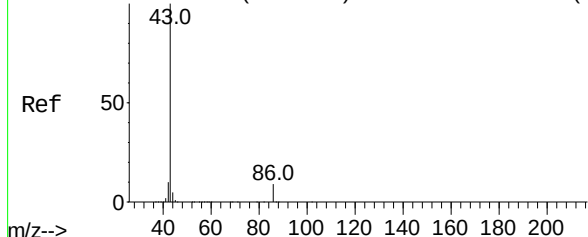
Tgt Ion: 45 Resp: 818153
Ion Ratio Lower Upper
45 100
43 60.9 51.7 77.5
87 24.7 23.2 34.8
59 10.5 9.4 14.0



Abundance Scan 1681 (6.498 min): VN069509.D\data.ms (-1569) (-)



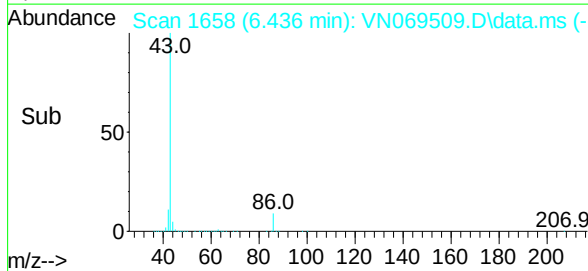
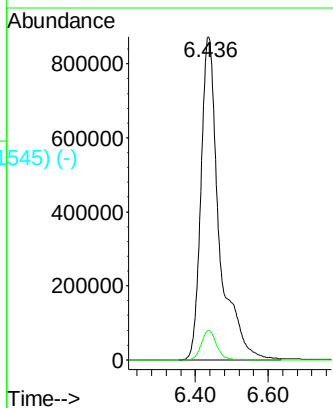
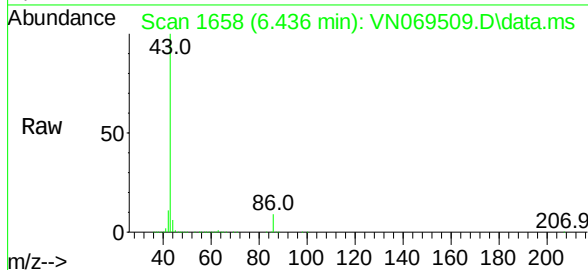
Abundance Scan 1657 (6.434 min): VN069417.D\data.ms (-1623-)



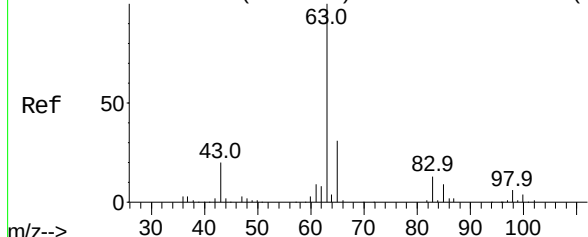
Vinyl Acetate
Concen: 96.87 ug/l
RT: 6.436 min Scan# 1657
Delta R.T. 0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3038574
Ion Ratio Lower Upper
43 100
86 9.1 8.5 12.7

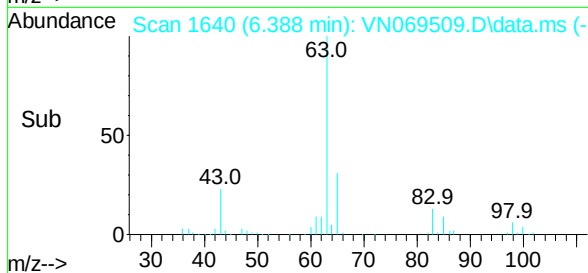
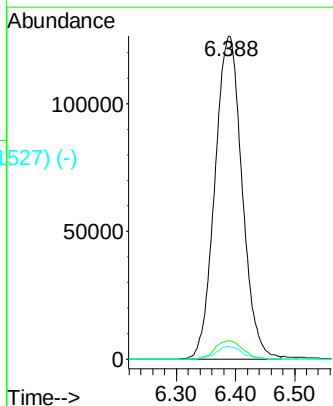
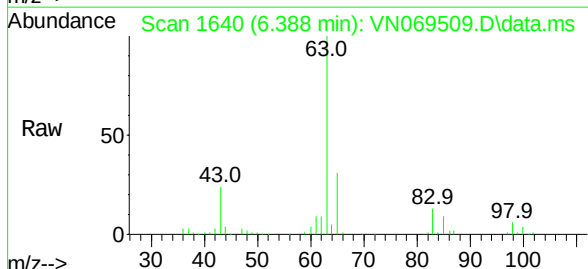


Abundance Scan 1639 (6.385 min): VN069417.D\data.ms (-1602-)



1,1-Dichloroethane
Concen: 19.60 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 63 Resp: 404829
Ion Ratio Lower Upper
63 100
98 5.6 3.3 9.9
100 3.8 2.1 6.5



Abundance Scan 1994 (7.337 min): VN069417.D\data.ms (-19625-)

2-Butanone

Concen: 94.34 ug/l

RT: 7.337 min Scan#

Delta R.T. 0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1049928

Ion Ratio Lower Upper

43 100

72 23.0 21.7 32.5

Abundance Scan 1994 (7.337 min): VN069509.D\data.ms

43.0

72.0 95.9 185.8

m/z-->

Raw

50

0

40 60 80 100 120 140 160 180 200

m/z-->

Abundance Scan 1994 (7.337 min): VN069509.D\data.ms (-1882-)

43.0

72.0 95.9 185.8

m/z-->

Sub

50

0

40 60 80 100 120 140 160 180 200

m/z-->

Abundance

7.337

300000

200000

100000

0

7.30 7.40

Time-->

Abundance Scan 1990 (7.327 min): VN069417.D\data.ms (-19526-)

2,2-Dichloropropane

Concen: 17.44 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion: 77 Resp: 281836

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8

Abundance Scan 1990 (7.327 min): VN069509.D\data.ms

43.0

61.0 77.0 95.9 117.0

m/z-->

Raw

50

0

30 40 50 60 70 80 90 100 110 120

m/z-->

Abundance Scan 1990 (7.327 min): VN069509.D\data.ms (-1878-)

43.0

61.0 77.0 95.9 117.0

m/z-->

Sub

50

0

30 40 50 60 70 80 90 100 110 120

m/z-->

Abundance

7.327

80000

60000

40000

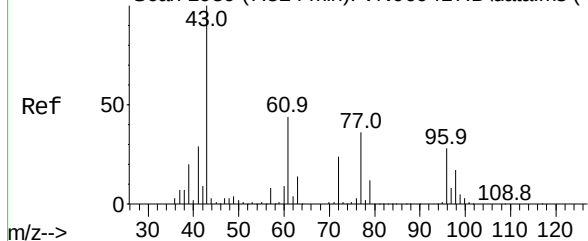
20000

0

7.20 7.30 7.40

Time-->

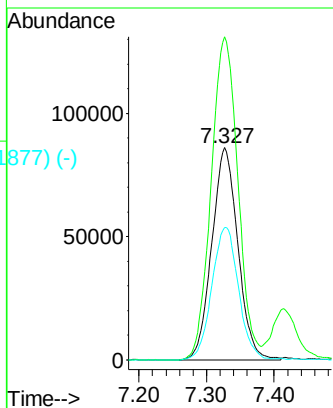
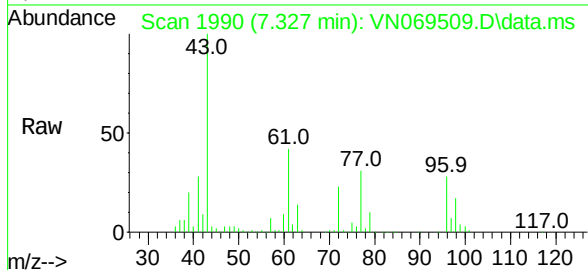
Abundance Scan 1989 (7.324 min): VN069417.D\data.ms (-19627-)



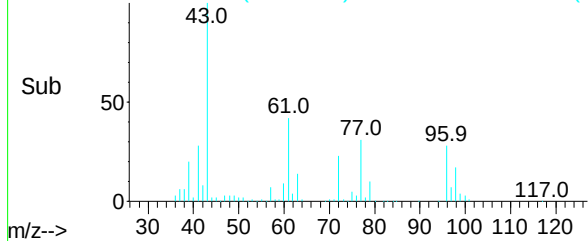
cis-1,2-Dichloroethene
Concen: 19.58 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

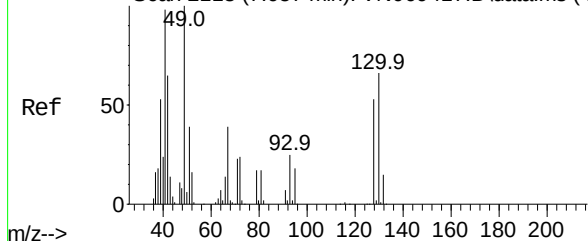
Tgt Ion: 96 Resp: 230839
Ion Ratio Lower Upper
96 100
61 155.8 0.0 275.0
98 63.9 0.0 129.6



Abundance Scan 1990 (7.327 min): VN069509.D\data.ms (-1877-)

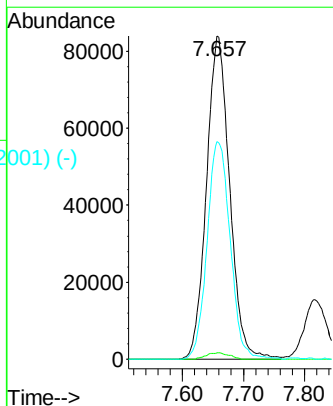
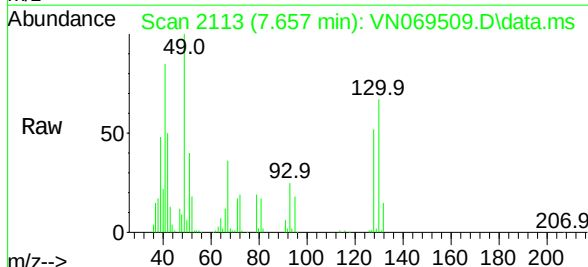


Abundance Scan 2113 (7.657 min): VN069417.D\data.ms (-20629-)

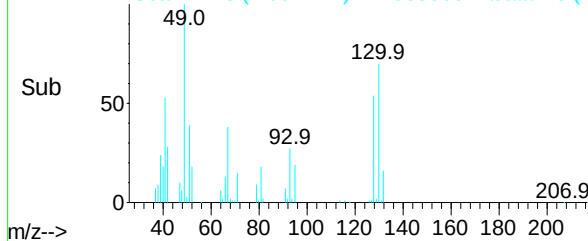


Bromochloromethane
Concen: 20.91 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 49 Resp: 221198
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 67.1 67.8 101.8#



Abundance Scan 2113 (7.657 min): VN069509.D\data.ms (-2001-)



Abundance Scan 2124 (7.686 min): VN069417.D\data.ms (-20629)

Tetrahydrofuran

Concen: 99.82 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

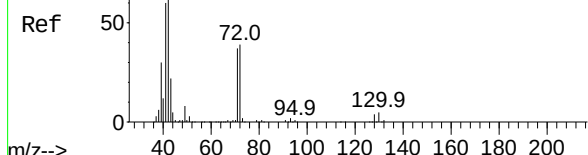
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



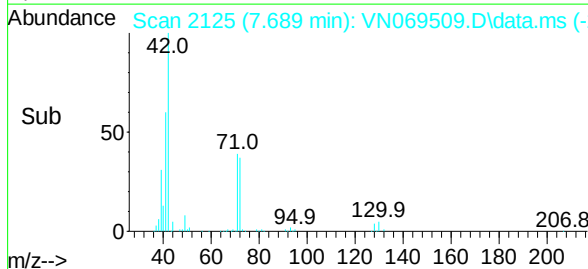
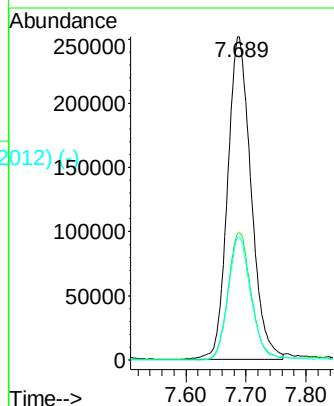
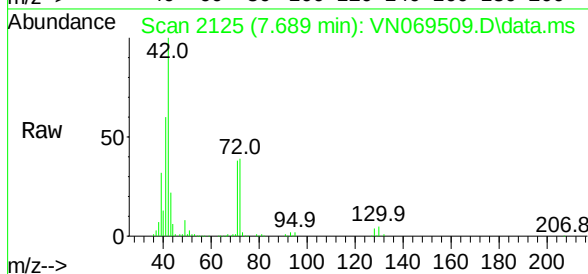
Tgt Ion: 42 Resp: 681740

Ion Ratio Lower Upper

42 100

72 39.0 36.3 54.5

71 37.5 34.7 52.1



Abundance Scan 2174 (7.820 min): VN069417.D\data.ms (-21430)

Chloroform

Concen: 19.89 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069509.D

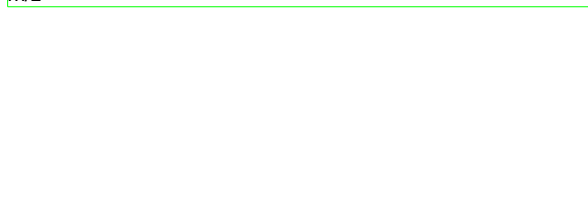
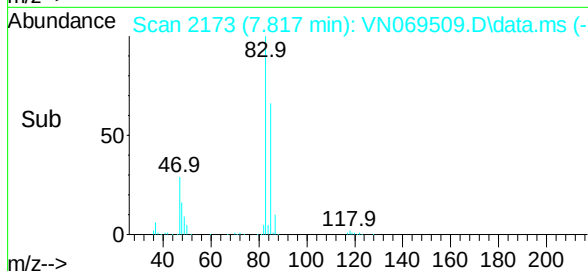
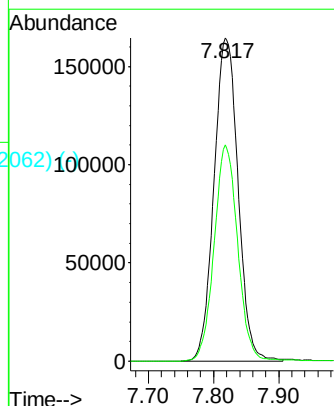
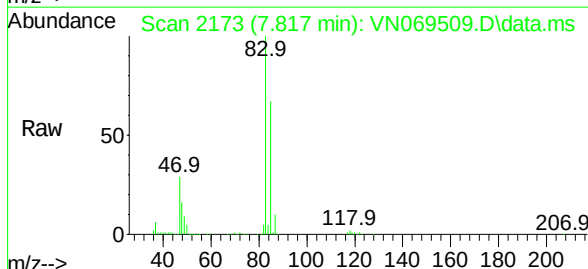
Acq: 16 Nov 2021 15:28

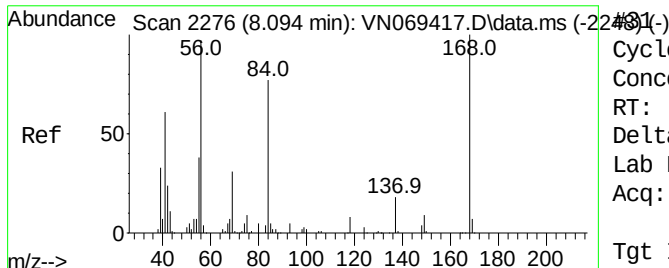
Tgt Ion: 83 Resp: 421229

Ion Ratio Lower Upper

83 100

85 66.9 51.9 77.9





Cyclohexane

Concen: 17.83 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

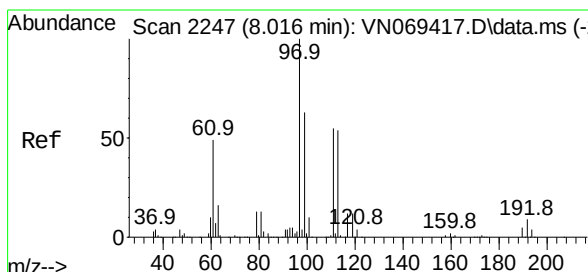
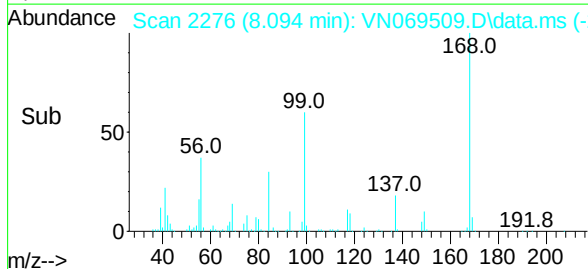
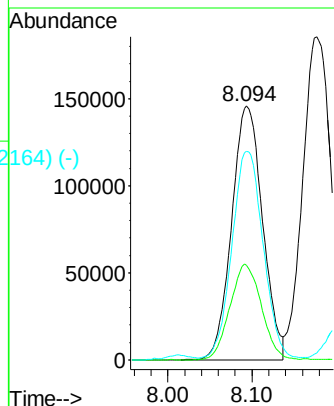
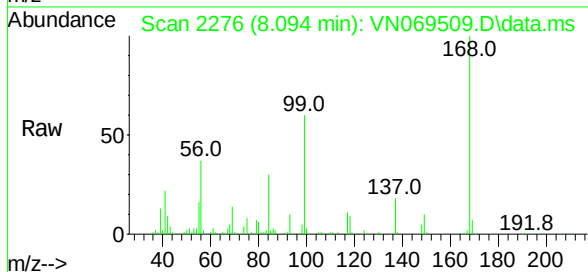
Tgt Ion: 56 Resp: 371167

Ion Ratio Lower Upper

56 100

69 37.2 27.1 40.7

84 80.2 73.4 110.0



1,1,1-Trichloroethane

Concen: 19.26 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

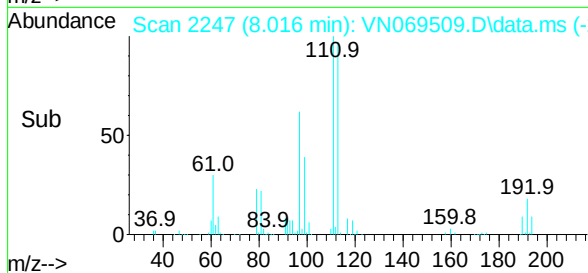
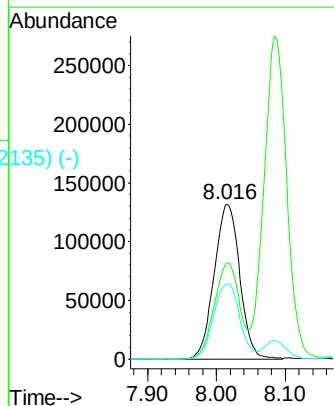
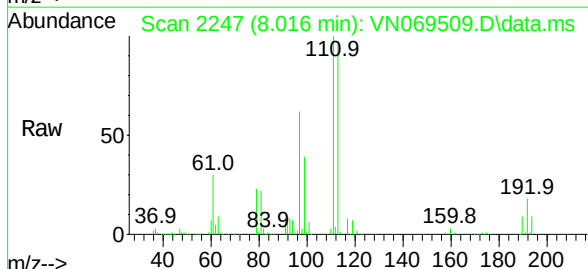
Tgt Ion: 97 Resp: 340404

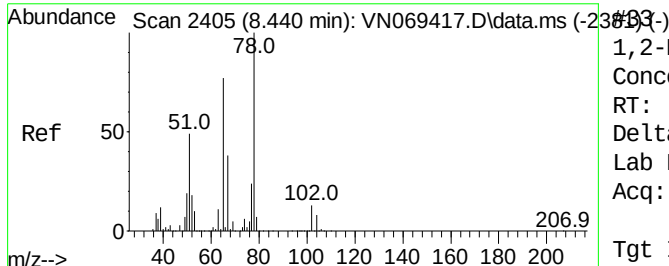
Ion Ratio Lower Upper

97 100

99 61.2 50.1 75.1

61 50.1 35.2 52.8

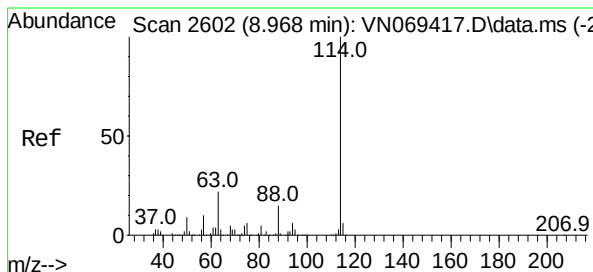
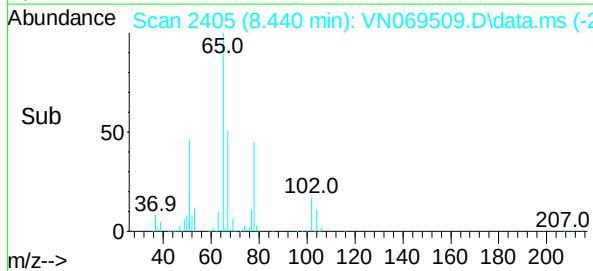
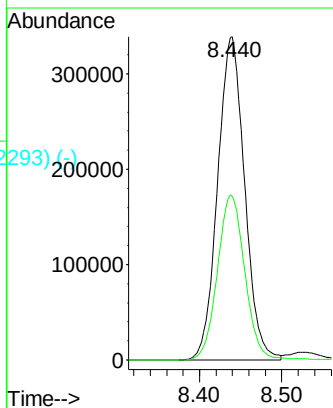
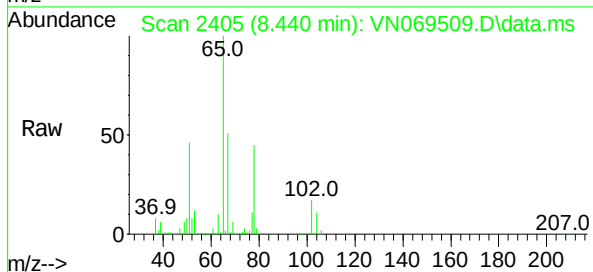




1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

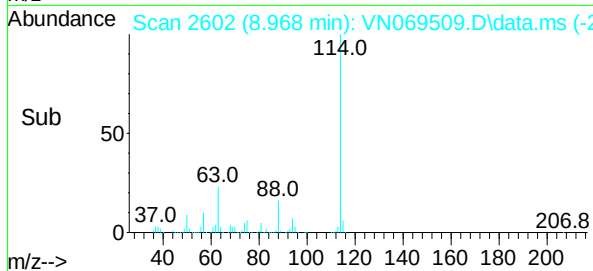
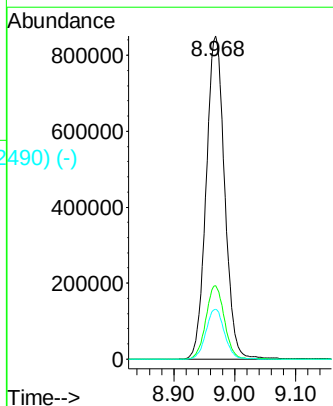
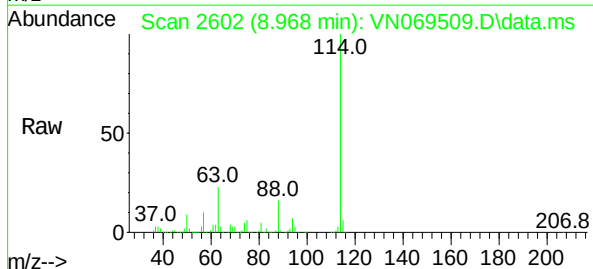
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 772217
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

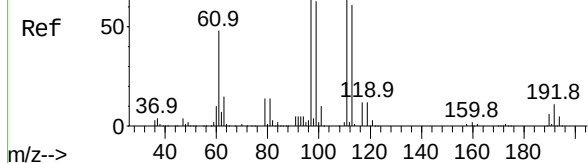
Tgt Ion:114 Resp: 1785554
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.5 0.0 27.4



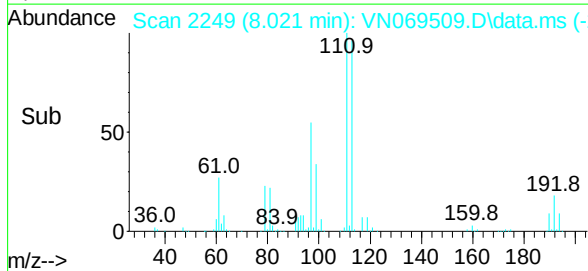
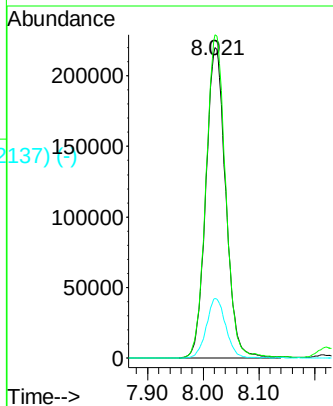
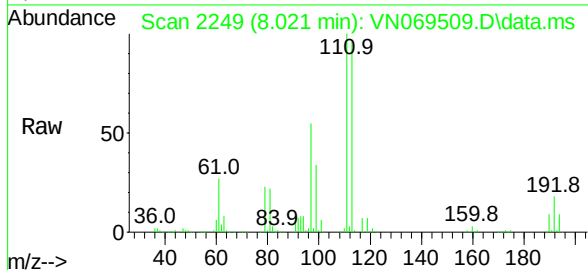
Abundance Scan 2249 (8.021 min): VN069417.D\data.ms (-2235) (-)

Dibromofluoromethane
Concen: 50.76 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :



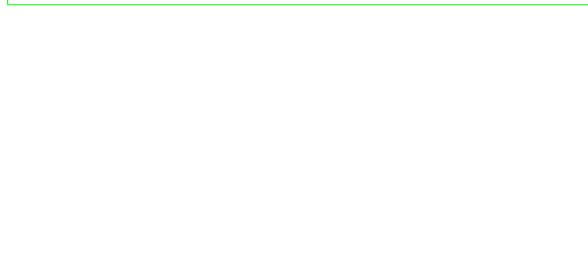
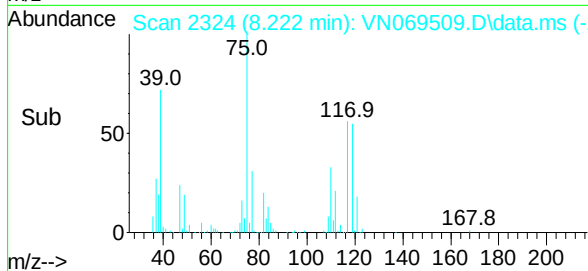
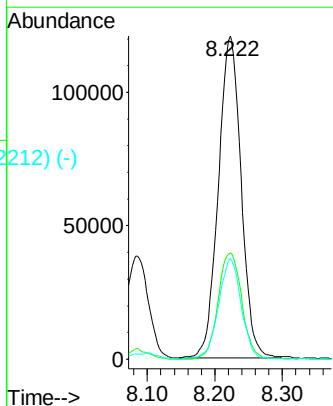
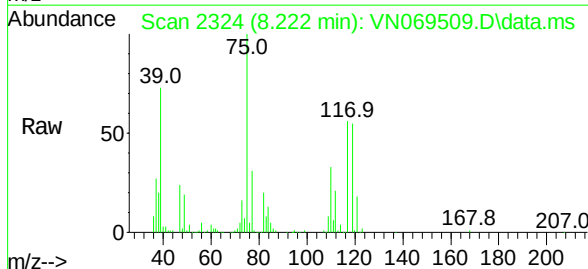
Tgt Ion:	113	Resp:	543536
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	18.5	16.9	25.3



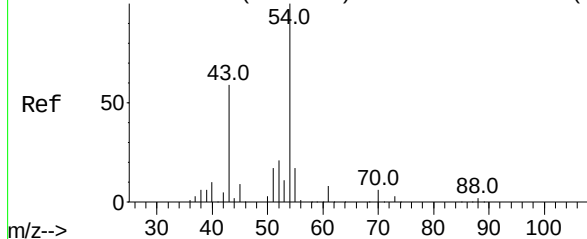
Abundance Scan 2324 (8.223 min): VN069417.D\data.ms (-2236) (-)

1,1-Dichloropropene
Concen: 18.84 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	75	Resp:	283117
Ion	Ratio	Lower	Upper
75	100		
110	34.0	18.4	55.2
77	30.5	24.4	36.6



Abundance Scan 2023 (7.415 min): VN069417.D\data.ms (-20127-)



Ethyl Acetate

Concen: 20.74 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

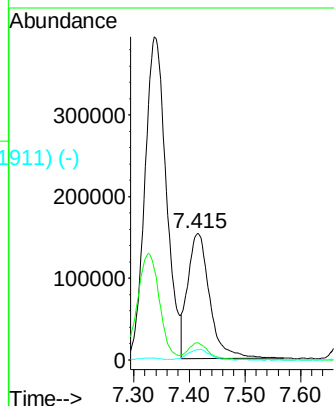
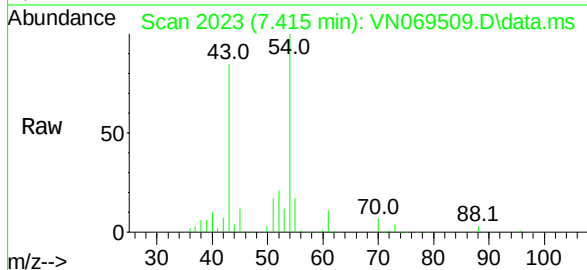
Tgt Ion: 43 Resp: 421208

Ion Ratio Lower Upper

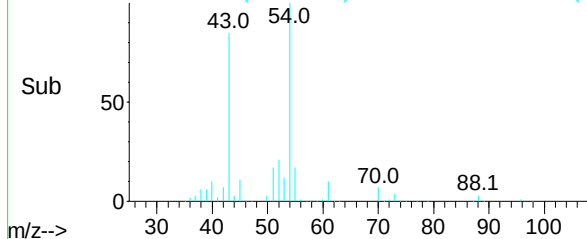
43 100

61 12.4 11.5 17.3

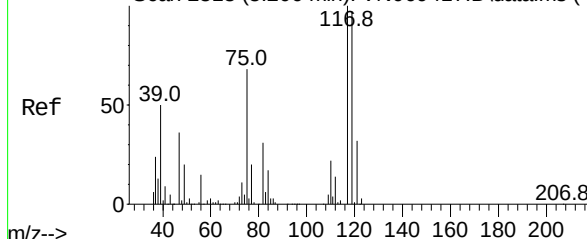
70 8.1 7.9 11.9



Abundance Scan 2023 (7.415 min): VN069509.D\data.ms (-1911) (-)



Abundance Scan 2318 (8.206 min): VN069417.D\data.ms (-22548-)



Carbon Tetrachloride

Concen: 18.47 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

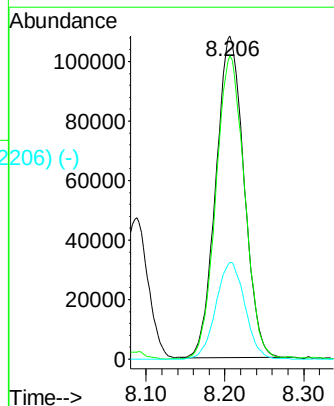
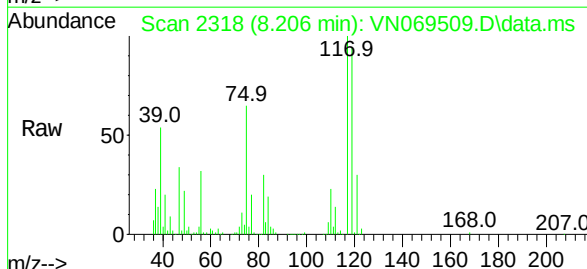
Tgt Ion:117 Resp: 267840

Ion Ratio Lower Upper

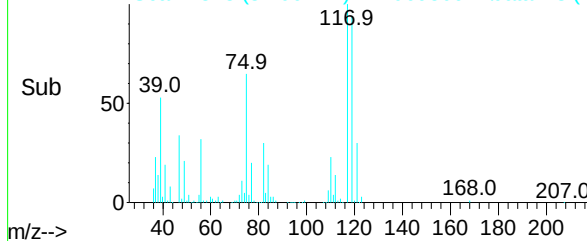
117 100

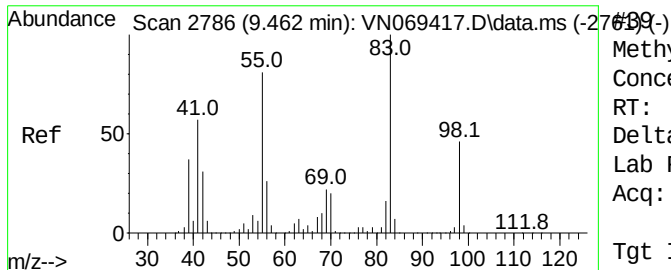
119 94.1 76.1 114.1

121 30.0 24.2 36.2



Abundance Scan 2318 (8.206 min): VN069509.D\data.ms (-2206) (-)





Methylcyclohexane

Concen: 17.56 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. -0.001 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

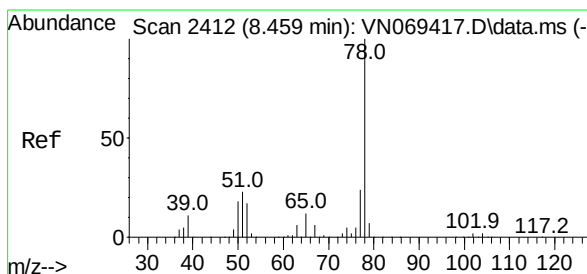
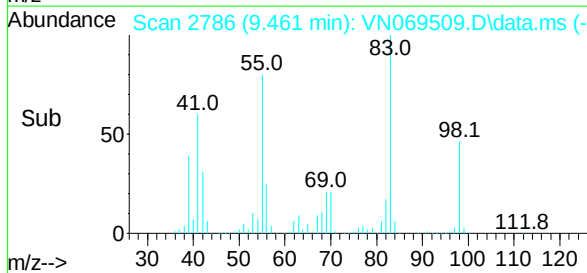
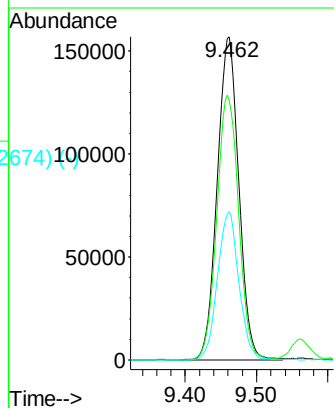
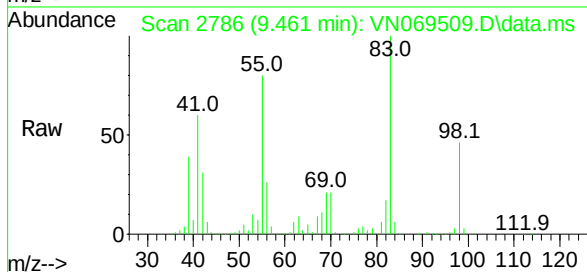
Tgt Ion: 83 Resp: 328127

Ion Ratio Lower Upper

83 100

55 80.5 58.1 87.1

98 45.9 38.4 57.6



Benzene

Concen: 19.56 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069509.D

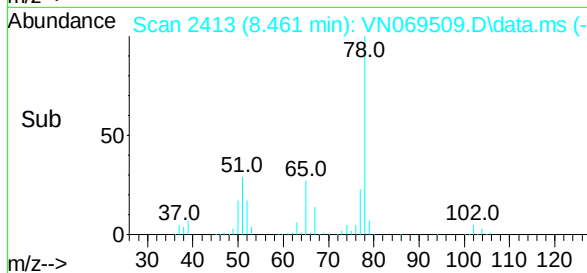
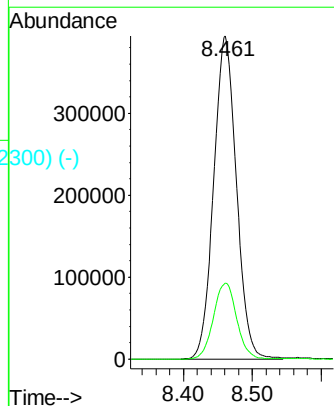
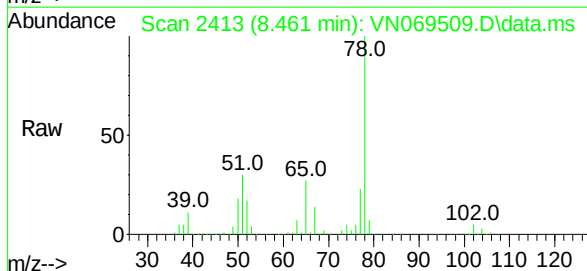
Acq: 16 Nov 2021 15:28

Tgt Ion: 78 Resp: 907231

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8



Abundance Scan 2106 (7.638 min): VN069417.D\data.ms (-20741-)

Methacrylonitrile

Concen: 18.52 ug/l

RT: 7.638 min Scan# 2106

Delta R.T. -0.000 min

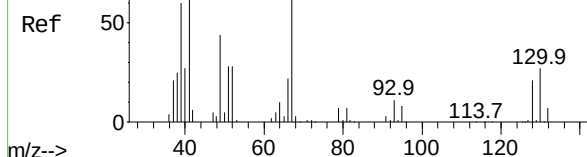
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 194309

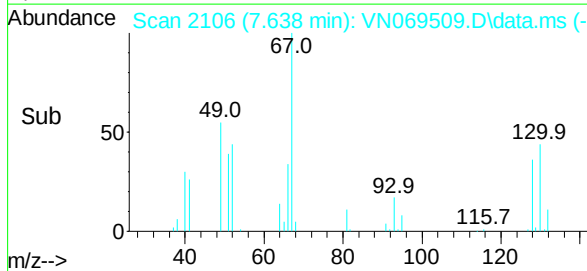
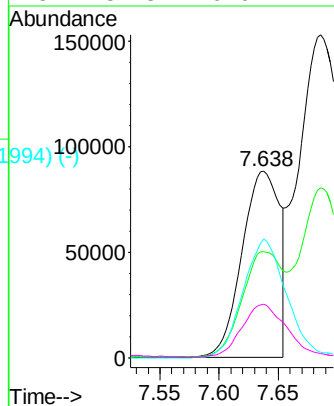
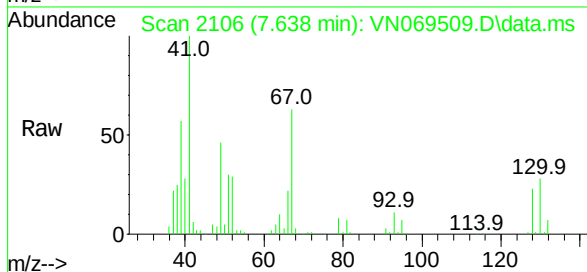
Ion Ratio Lower Upper

41 100

39 60.3 48.1 72.1

67 74.6 68.3 102.5

52 34.3 29.6 44.4



Abundance Scan 2439 (8.531 min): VN069417.D\data.ms (-24212-)

1,2-Dichloroethane

Concen: 20.52 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN069509.D

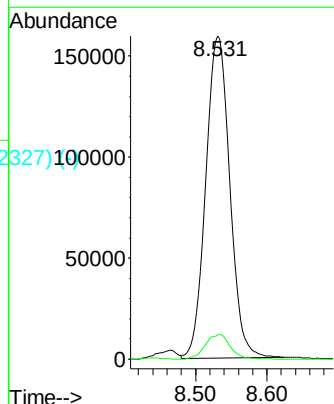
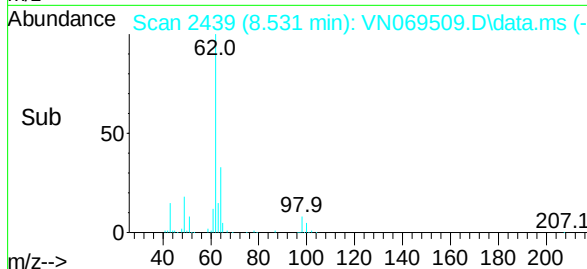
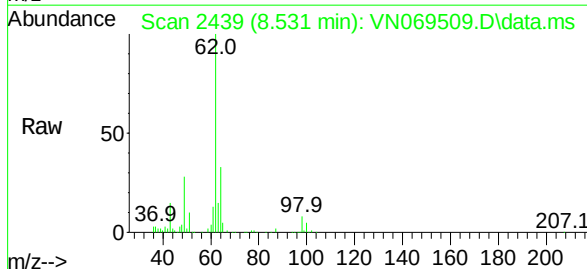
Acq: 16 Nov 2021 15:28

Tgt Ion: 62 Resp: 372621

Ion Ratio Lower Upper

62 100

98 7.9 0.0 17.6



Abundance Scan 2451 (8.563 min): VN069417.D\data.ms (-2429) (-)

Isopropyl Acetate

Concen: 19.55 ug/l

RT: 8.560 min Scan# 2451

Delta R.T. -0.003 min

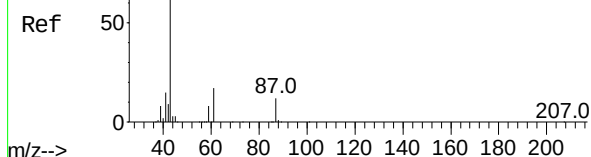
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



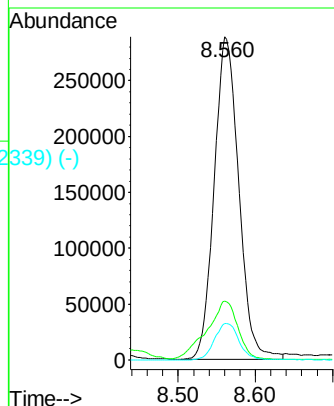
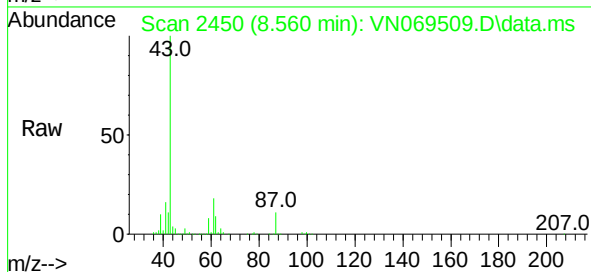
Tgt Ion: 43 Resp: 637637

Ion Ratio Lower Upper

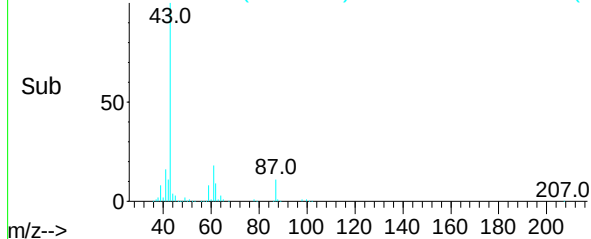
43 100

61 22.9 20.4 30.6

87 11.2 11.2 16.8



Abundance Scan 2450 (8.560 min): VN069509.D\data.ms (-2339) (-)



Abundance Scan 2695 (9.218 min): VN069417.D\data.ms (-2674) (-)

Trichloroethene

Concen: 19.33 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.001 min

Lab File: VN069509.D

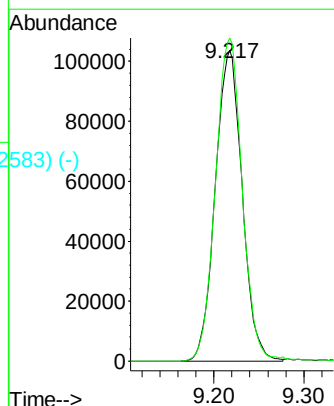
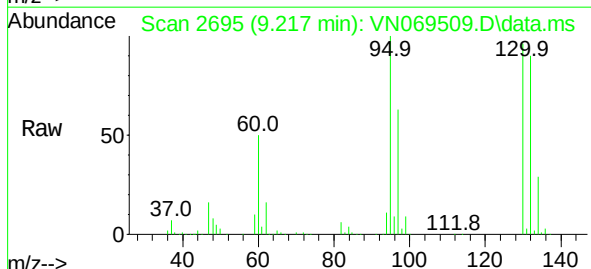
Acq: 16 Nov 2021 15:28

Tgt Ion:130 Resp: 214517

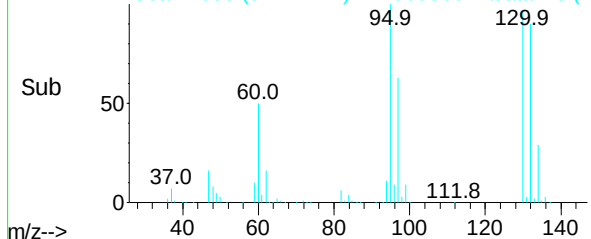
Ion Ratio Lower Upper

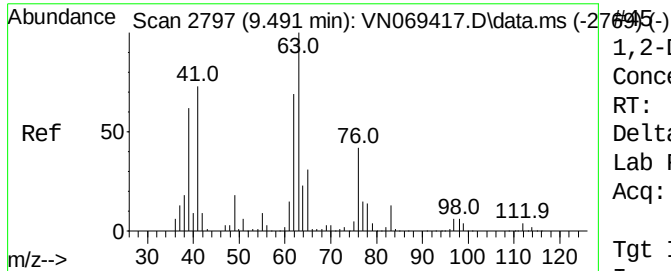
130 100

95 103.8 0.0 191.2



Abundance Scan 2695 (9.217 min): VN069509.D\data.ms (-2583) (-)

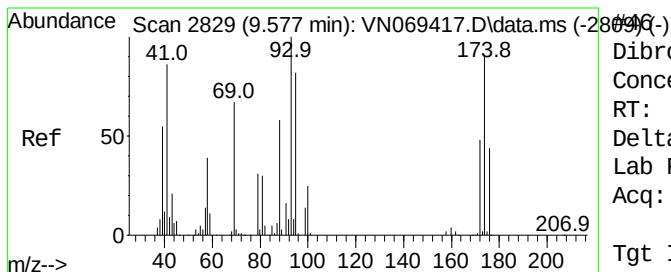
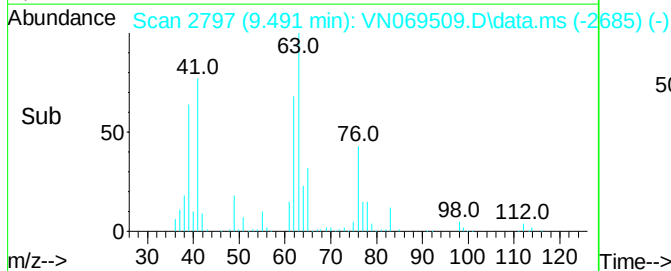
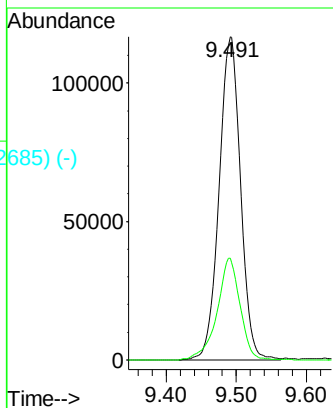
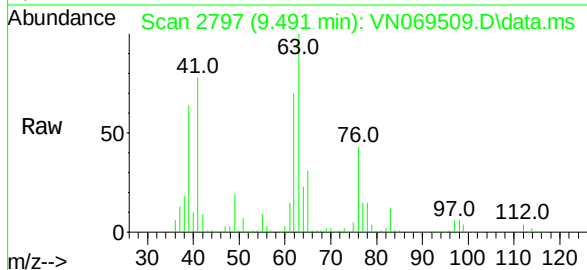




1,2-Dichloropropane
Concen: 20.12 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

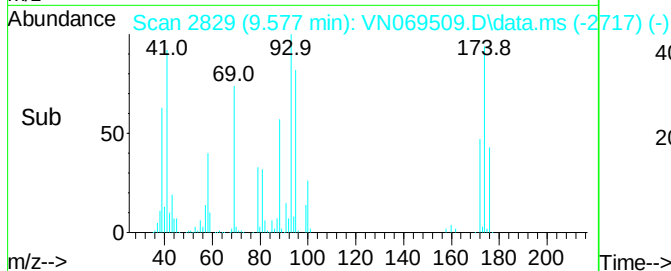
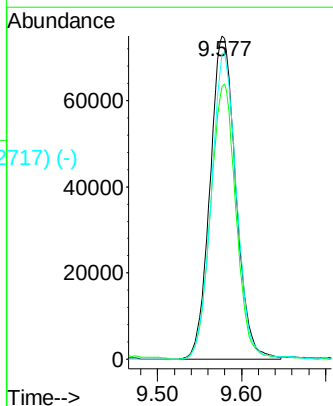
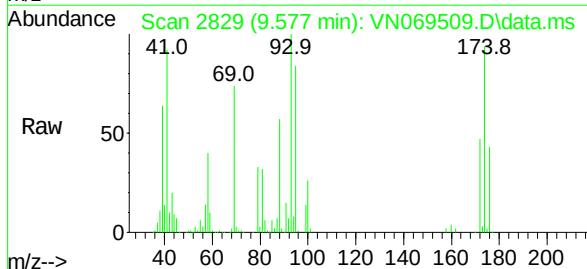
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 249273
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1

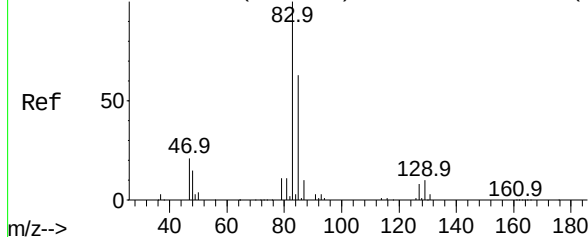


Dibromomethane
Concen: 19.31 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 93 Resp: 160285
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 92.5 84.6 127.0

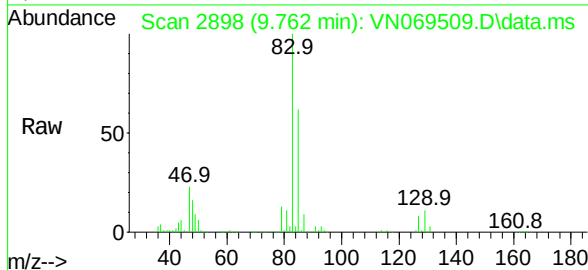


Abundance Scan 2898 (9.762 min): VN069417.D\data.ms (-2878)

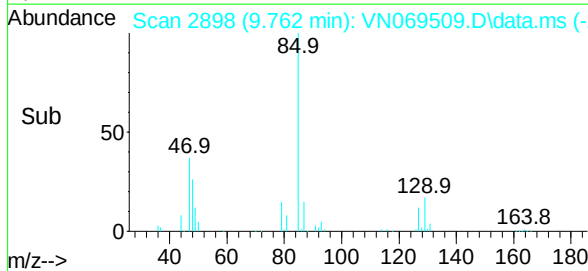
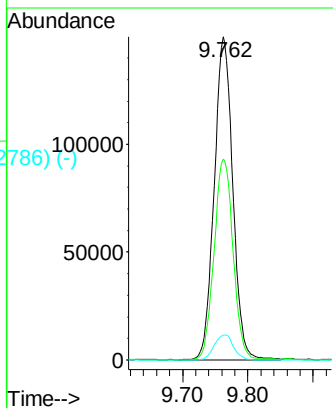


Bromodichloromethane
Concen: 19.12 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

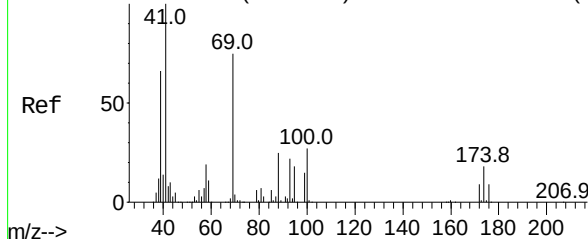
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	83	Resp:	296173
Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.9	76.3
127	7.7	7.1	10.7

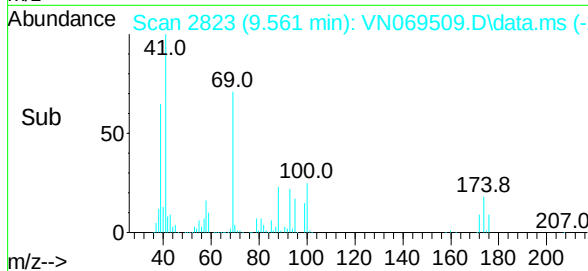
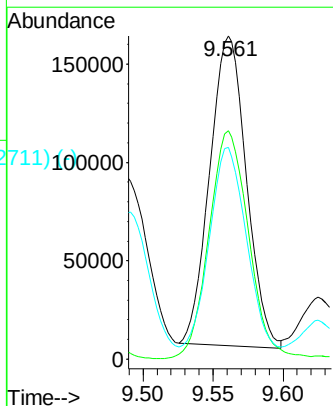
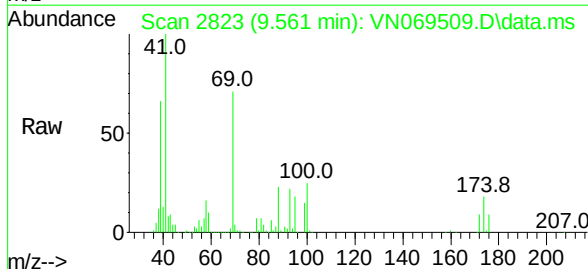


Abundance Scan 2823 (9.561 min): VN069417.D\data.ms (-2810)



Methyl methacrylate
Concen: 18.65 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	41	Resp:	286283
Ion	Ratio	Lower	Upper
41	100		
69	79.5	72.4	108.6
39	71.3	58.4	87.6



Abundance Scan 2827 (9.572 min): VN069417.D\data.ms (-2879) (-)

1,4-Dioxane

Concen: 368.88 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

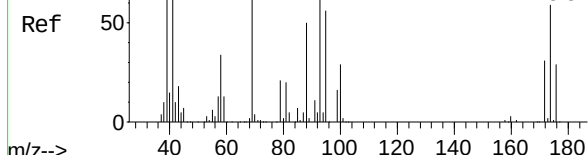
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



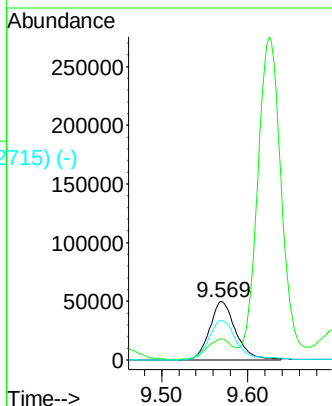
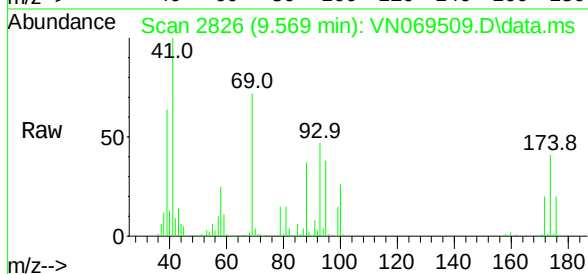
Tgt Ion: 88 Resp: 104394

Ion Ratio Lower Upper

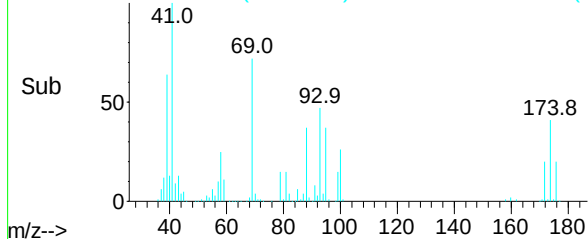
88 100

43 34.4 23.4 35.2

58 70.9 50.6 75.8



Abundance Scan 2826 (9.569 min): VN069509.D\data.ms (-2715) (-)



Abundance Scan 3151 (10.441 min): VN069417.D\data.ms (-3150) (-)

Toluene-d8

Concen: 50.22 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069509.D

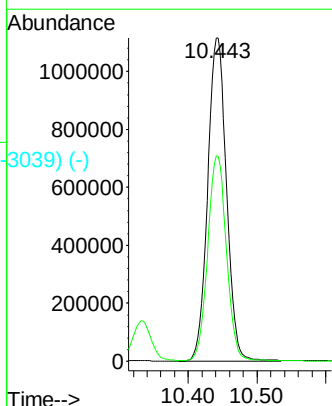
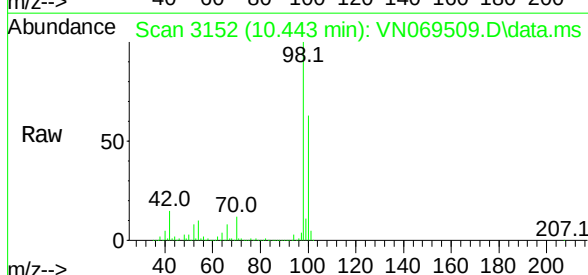
Acq: 16 Nov 2021 15:28

Tgt Ion: 98 Resp: 2114973

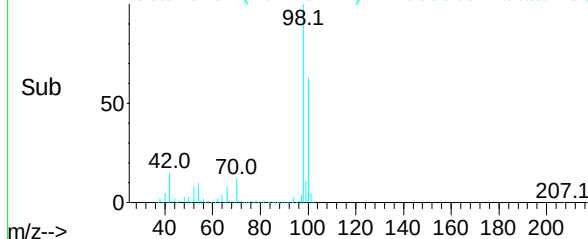
Ion Ratio Lower Upper

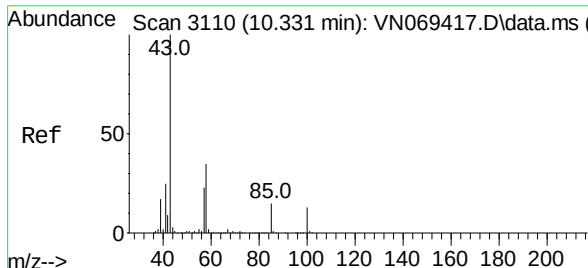
98 100

100 63.3 50.4 75.6



Abundance Scan 3152 (10.443 min): VN069509.D\data.ms (-3039) (-)

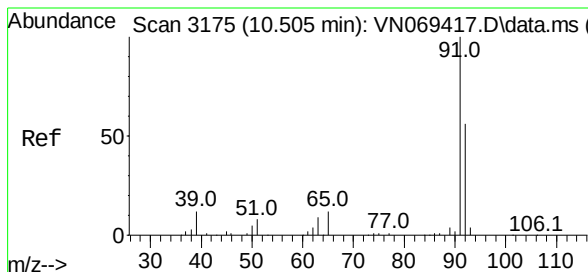
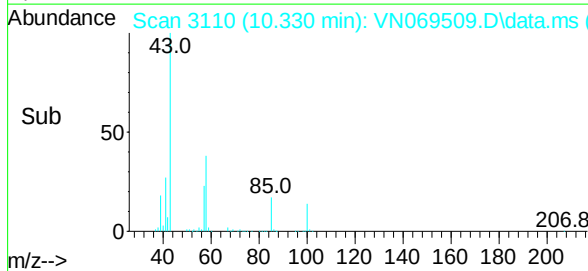
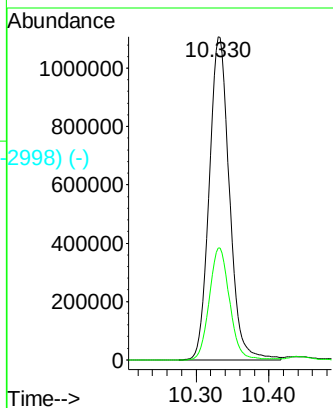
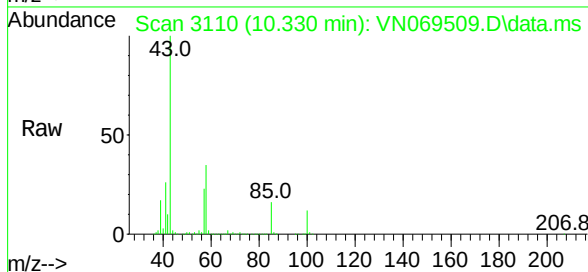




4-Methyl-2-Pentanone
 Concen: 101.16 ug/l
 RT: 10.330 min Scan# 3110
 Delta R.T. -0.001 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

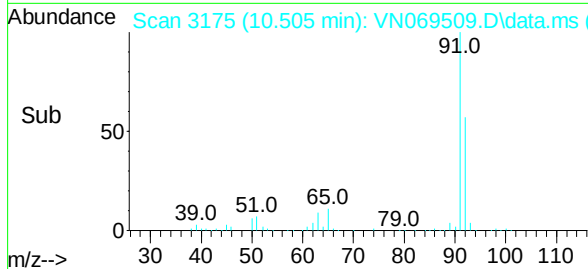
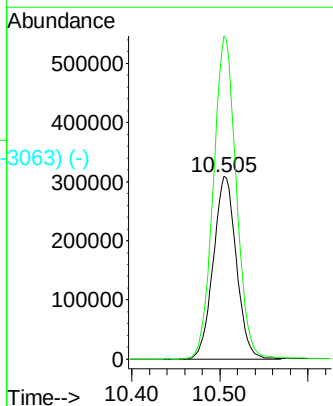
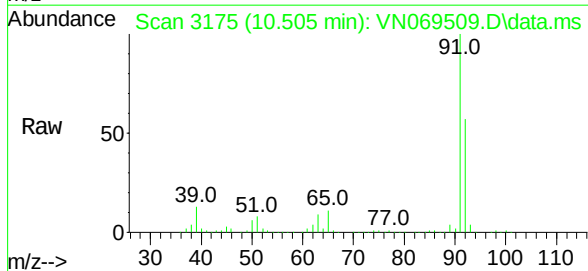
Instrument : MSVOA_N
 ClientSampleId :

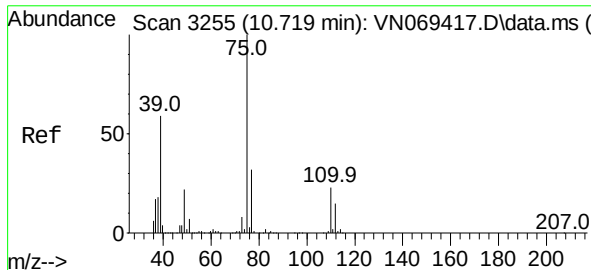
Tgt Ion: 43 Resp: 2130108
 Ion Ratio Lower Upper
 43 100
 58 34.9 30.4 45.6



Toluene
 Concen: 19.45 ug/l
 RT: 10.505 min Scan# 3175
 Delta R.T. -0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Tgt Ion: 92 Resp: 562056
 Ion Ratio Lower Upper
 92 100
 91 177.0 142.0 213.0

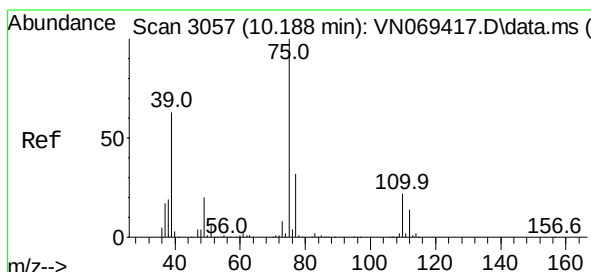
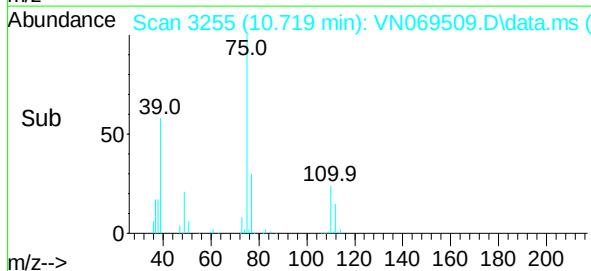
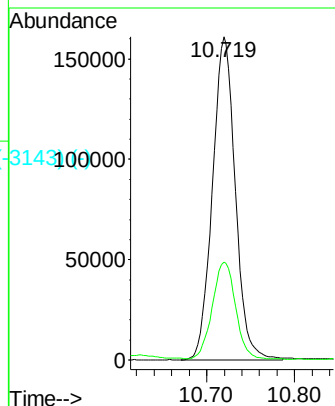
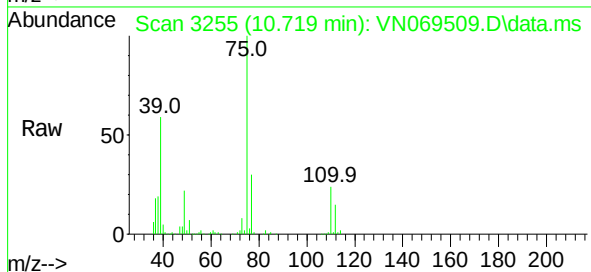




t-1,3-Dichloropropene
Concen: 17.09 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

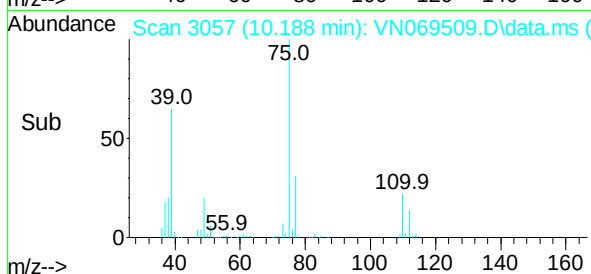
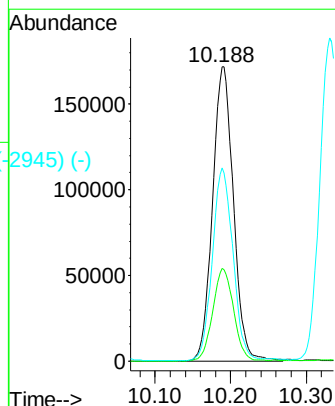
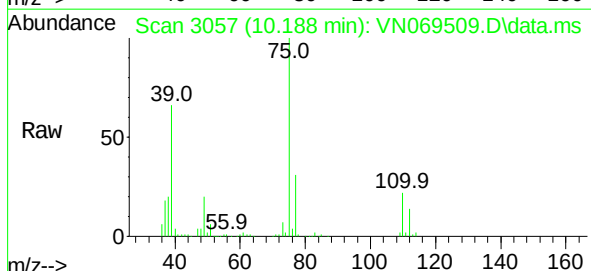
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 290605
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4



cis-1,3-Dichloropropene
Concen: 17.55 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

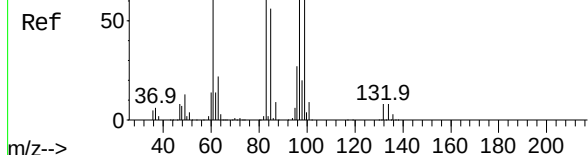
Tgt Ion: 75 Resp: 328699
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.3 42.5 63.7#



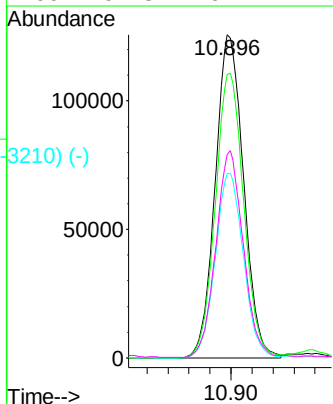
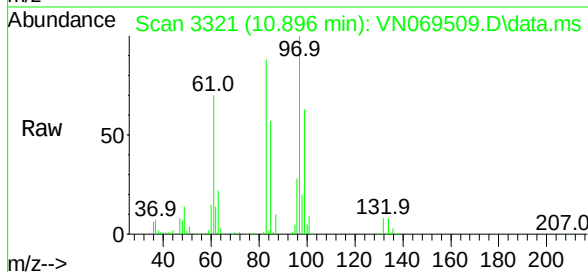
Abundance Scan 3322 (10.899 min): VN069417.D\data.ms (-3352) (-)

1,1,2-Trichloroethane
Concen: 20.16 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

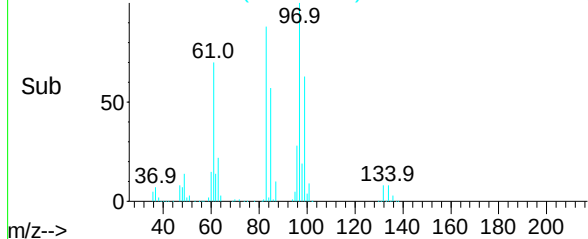
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	97	Resp:	234840
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.8	101.6
85	56.9	45.4	68.2
99	62.8	49.4	74.0



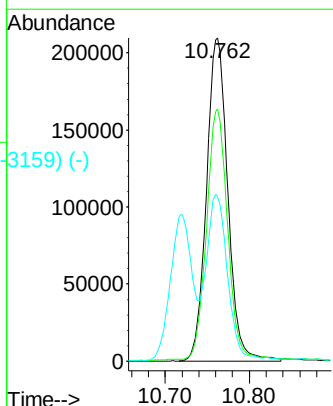
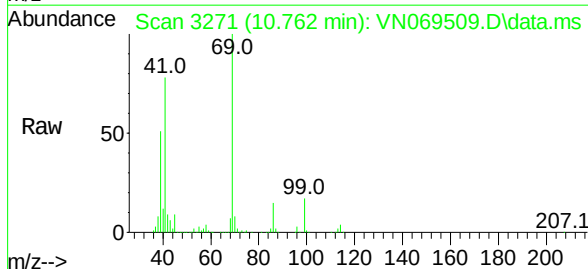
Abundance Scan 3321 (10.896 min): VN069509.D\data.ms (-3210) (-)



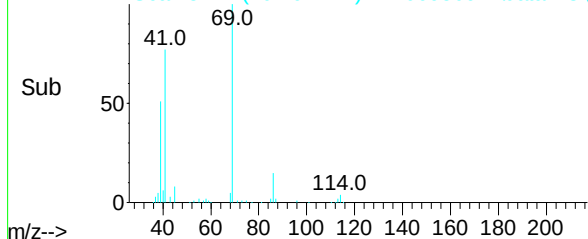
Abundance Scan 3271 (10.762 min): VN069417.D\data.ms (-3256) (-)

Ethyl methacrylate
Concen: 18.19 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	69	Resp:	369306
Ion	Ratio	Lower	Upper
69	100		
41	75.7	51.4	77.0
39	48.9	34.6	52.0



Abundance Scan 3271 (10.762 min): VN069509.D\data.ms (-3159) (-)



Abundance Scan 3376 (11.044 min): VN069417.D\data.ms (-3357) (-)

1,3-Dichloropropane

Concen: 19.77 ug/l

RT: 11.047 min Scan# 3376

Delta R.T. 0.003 min

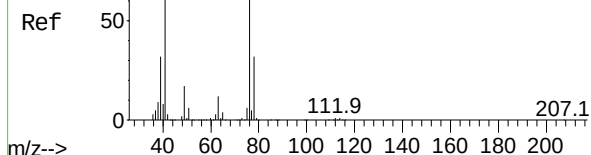
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

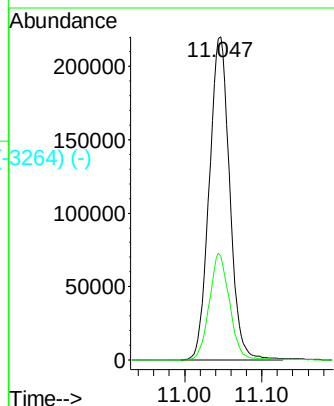
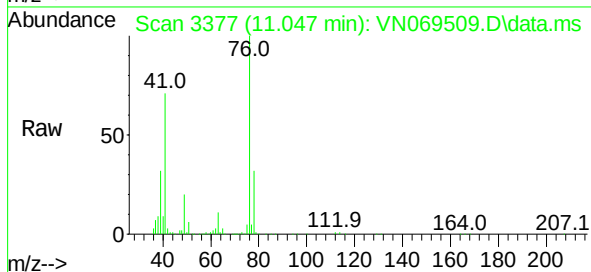


Tgt Ion: 76 Resp: 404670

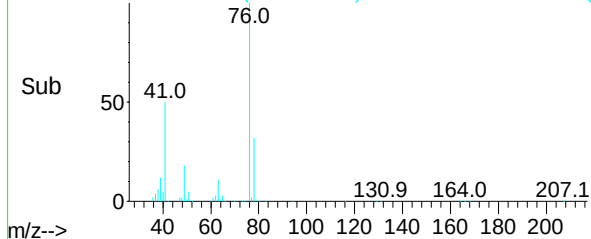
Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



Abundance Scan 3377 (11.047 min): VN069509.D\data.ms (-3264) (-)



Abundance Scan 3002 (10.041 min): VN069417.D\data.ms (-2950) (-)

2-Chloroethyl Vinyl ether

Concen: 85.95 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069509.D

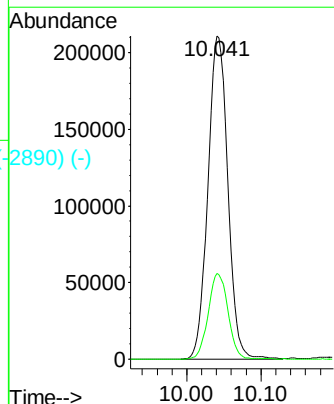
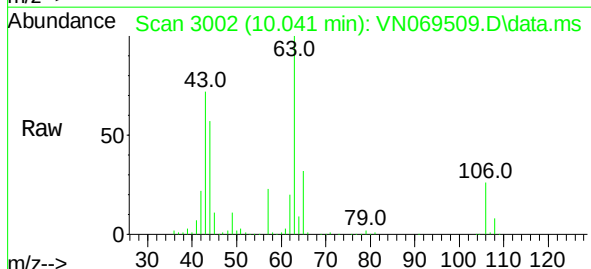
Acq: 16 Nov 2021 15:28

Tgt Ion: 63 Resp: 392281

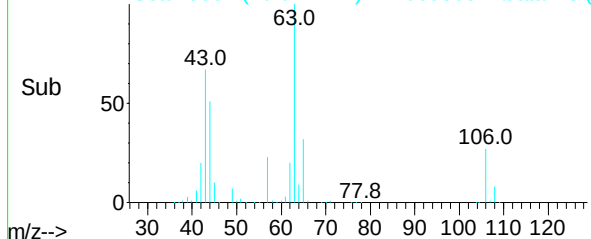
Ion Ratio Lower Upper

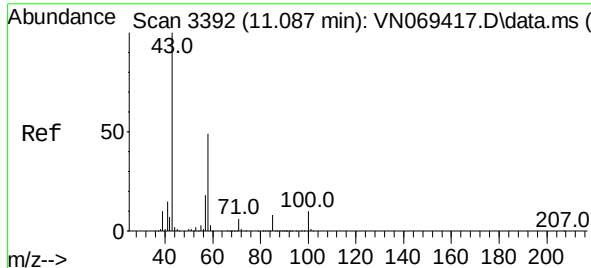
63 100

106 26.3 23.9 35.9



Abundance Scan 3002 (10.041 min): VN069509.D\data.ms (-2890) (-)

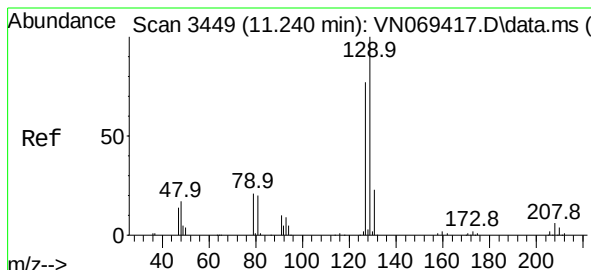
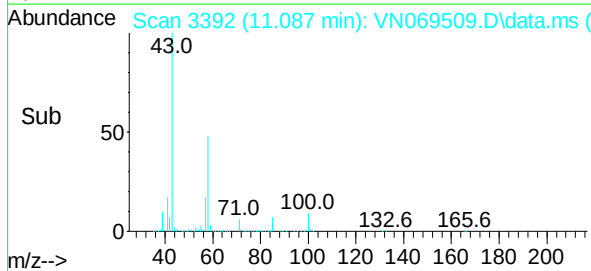
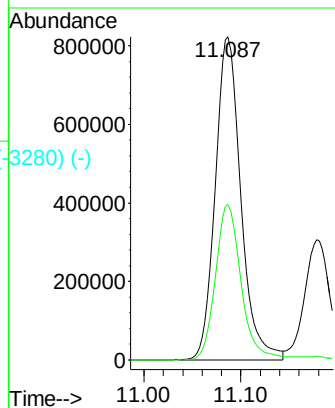
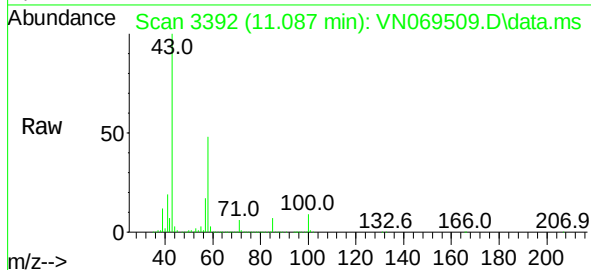




2-Hexanone
Concen: 89.36 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

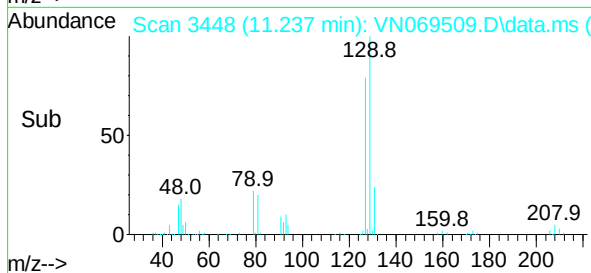
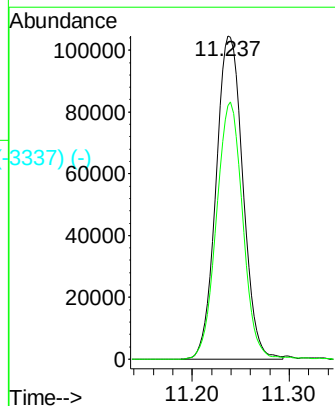
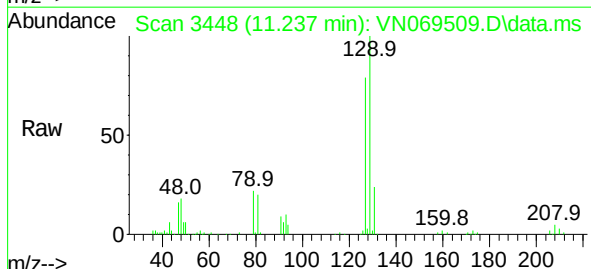
Instrument :
MSVOA_N
ClientSampleId :

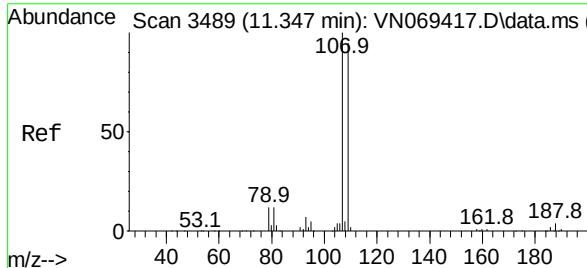
Tgt Ion: 43 Resp: 1495052
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7



Dibromochloromethane
Concen: 17.28 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:129 Resp: 199686
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





1,2-Dibromoethane

Concen: 18.39 ug/l

RT: 11.347 min Scan#

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

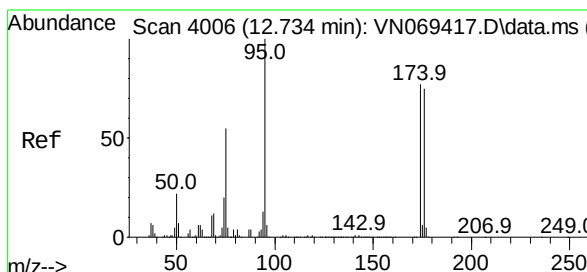
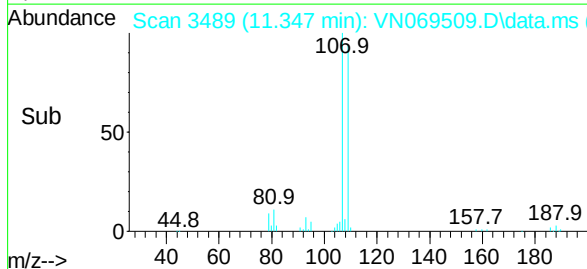
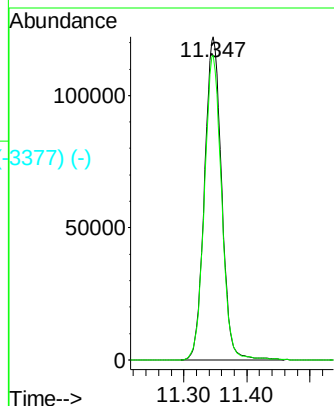
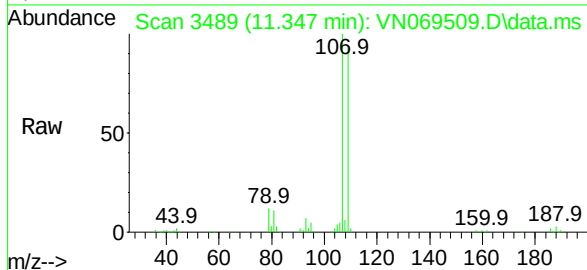
ClientSampleId :

Tgt Ion:107 Resp: 230032

Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5



4-Bromofluorobenzene

Concen: 47.05 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

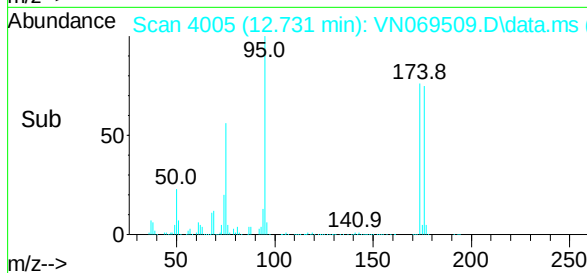
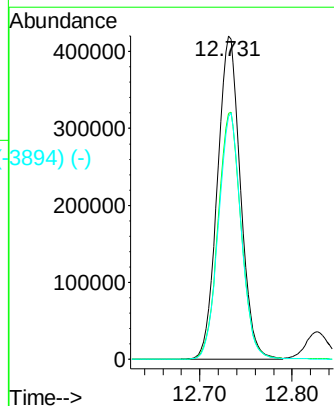
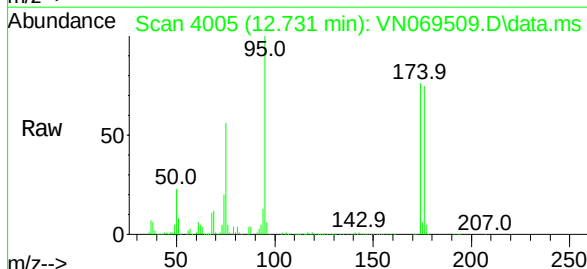
Tgt Ion: 95 Resp: 728024

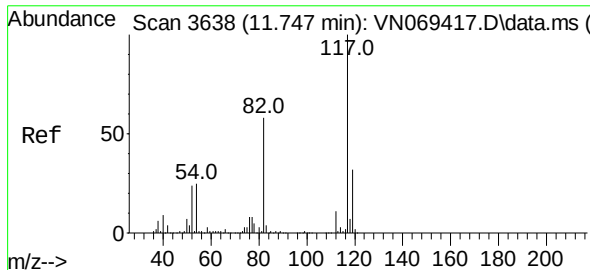
Ion Ratio Lower Upper

95 100

174 76.5 0.0 187.2

176 75.1 0.0 181.4

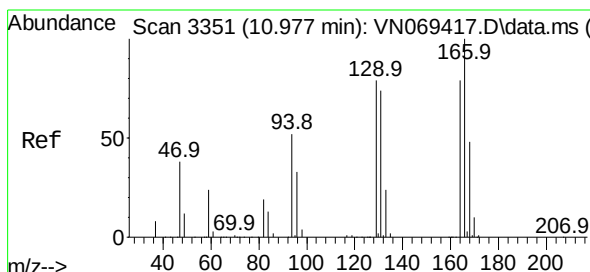
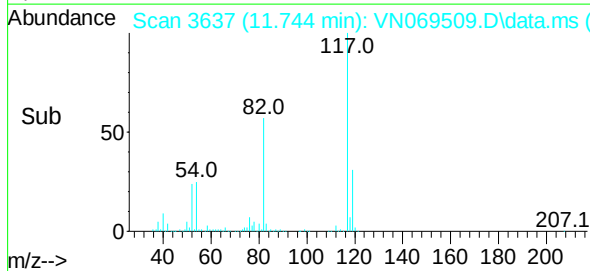
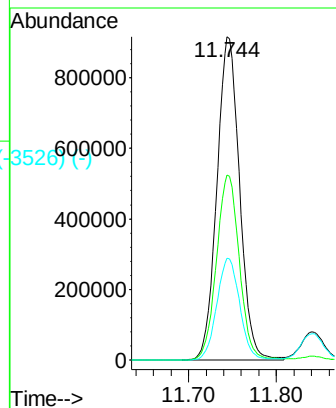
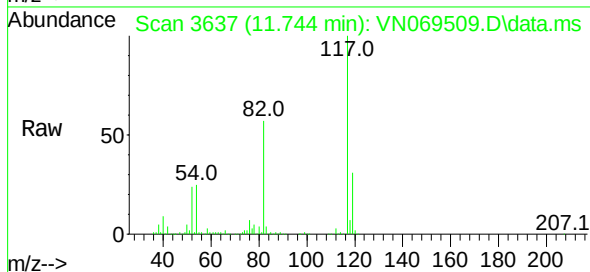




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

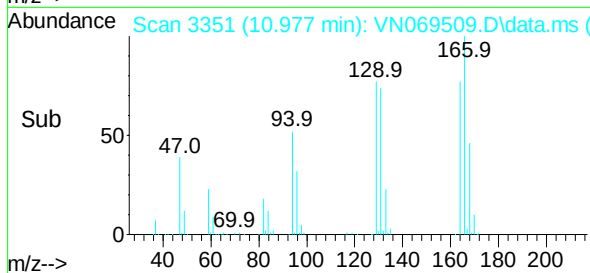
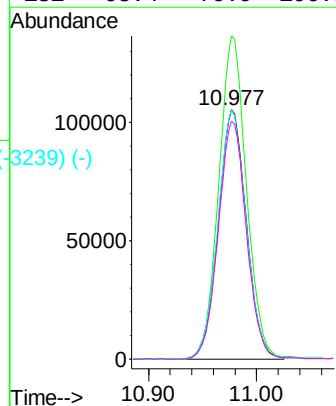
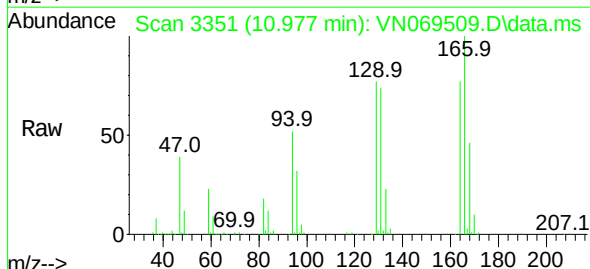
Instrument :
MSVOA_N
ClientSampleId :

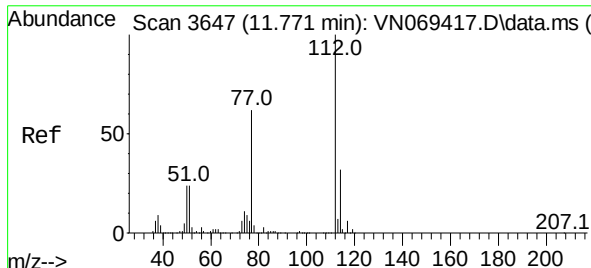
Tgt Ion:117 Resp: 1642556
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.5 25.4 38.2



Tetrachloroethene
Concen: 19.23 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:164 Resp: 190682
Ion Ratio Lower Upper
164 100
166 129.5 101.9 152.9
129 100.0 72.0 108.0
131 95.4 70.9 106.3

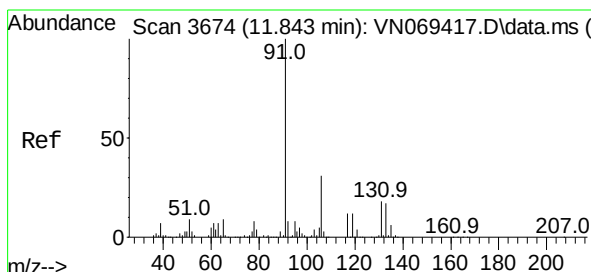
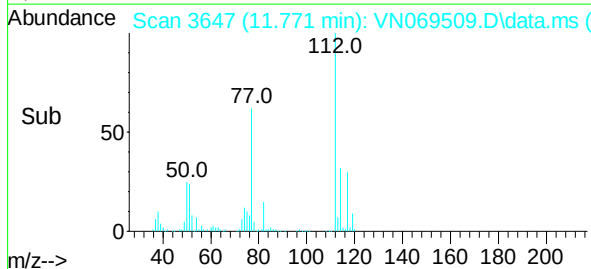
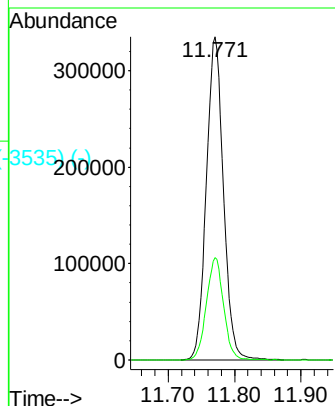
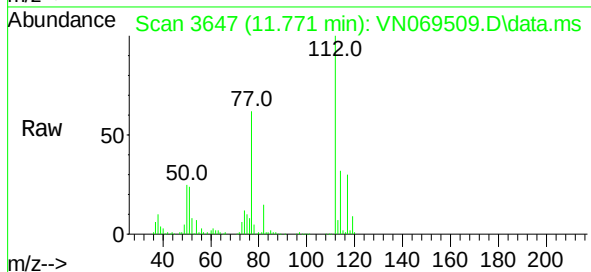




Chlorobenzene
 Concen: 19.57 ug/l
 RT: 11.771 min Scan# 3647
 Delta R.T. -0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

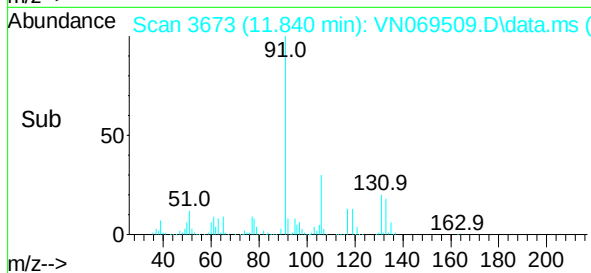
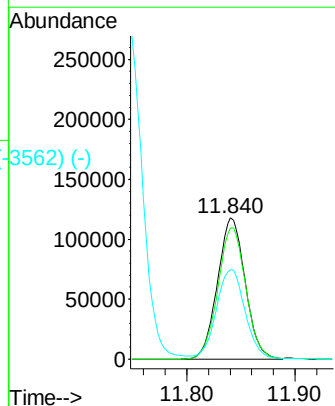
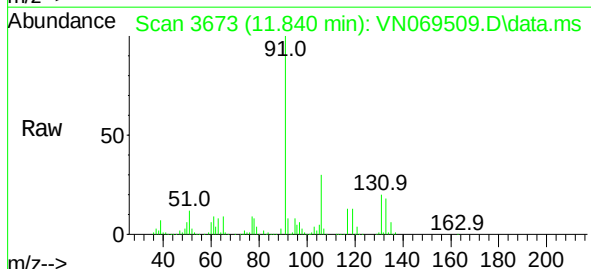
Instrument :
 MSVOA_N
 ClientSampleId :

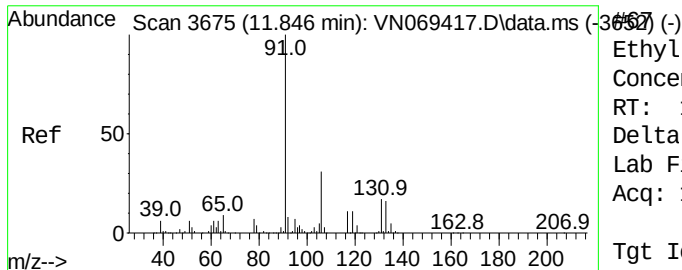
Tgt Ion:112 Resp: 598330
 Ion Ratio Lower Upper
 112 100
 114 31.7 25.4 38.0



1,1,1,2-Tetrachloroethane
 Concen: 19.82 ug/l
 RT: 11.840 min Scan# 3673
 Delta R.T. -0.003 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Tgt Ion:131 Resp: 210208
 Ion Ratio Lower Upper
 131 100
 133 94.1 47.9 143.7
 119 65.6 32.1 96.5





Ethyl Benzene

Concen: 19.21 ug/l

RT: 11.843 min Scan#

Delta R.T. -0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

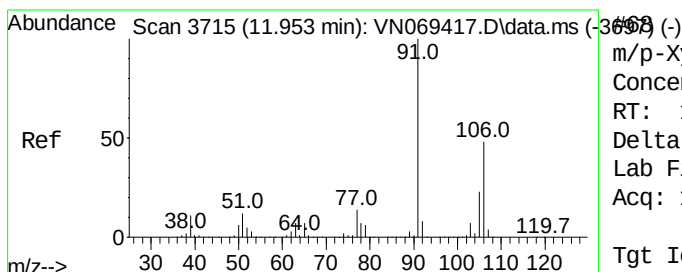
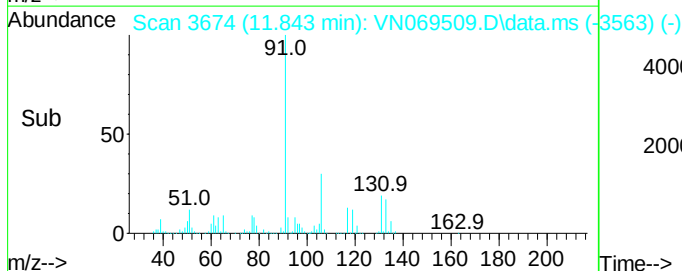
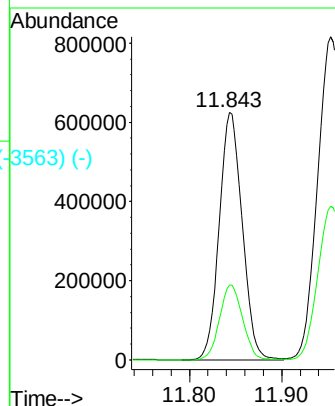
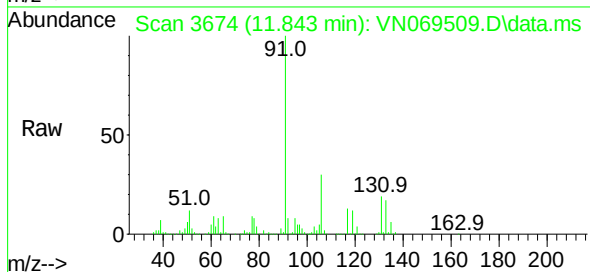
ClientSampleId :

Tgt Ion: 91 Resp: 1083214

Ion Ratio Lower Upper

91 100

106 30.3 25.7 38.5



m/p-Xylenes

Concen: 37.88 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069509.D

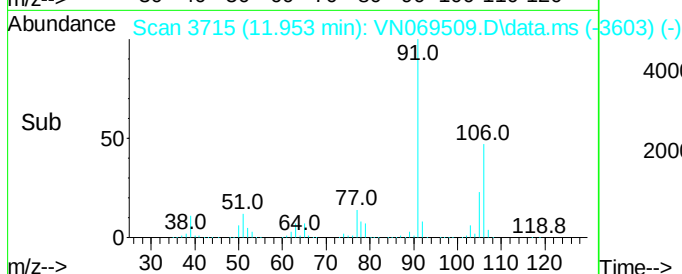
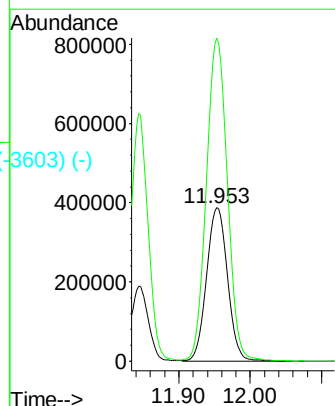
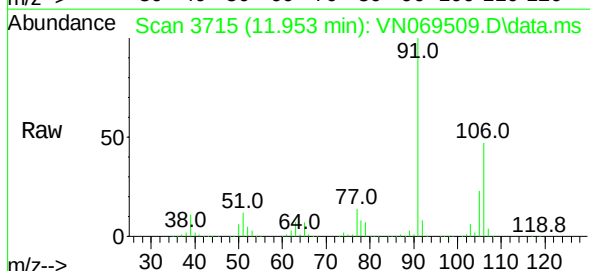
Acq: 16 Nov 2021 15:28

Tgt Ion:106 Resp: 785515

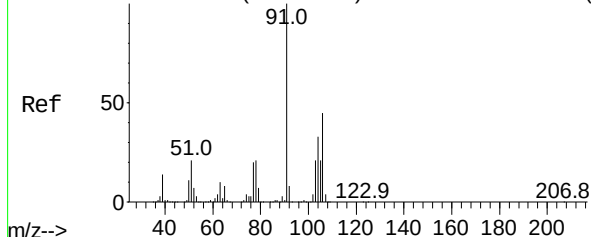
Ion Ratio Lower Upper

106 100

91 211.7 160.6 240.8



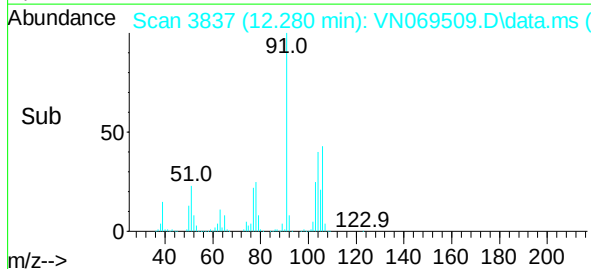
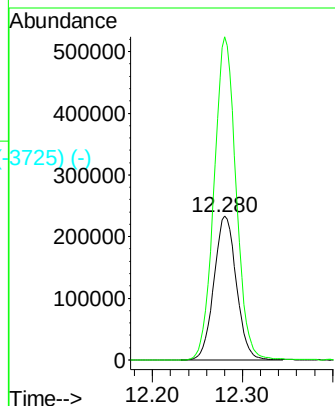
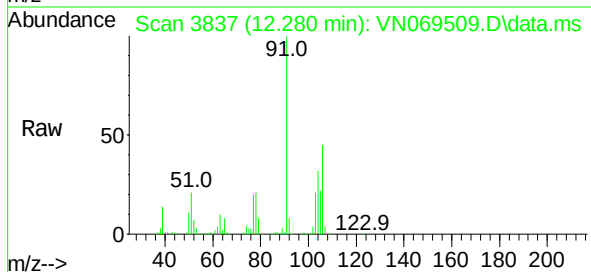
Abundance Scan 3837 (12.280 min): VN069417.D\data.ms (-3659) (-)



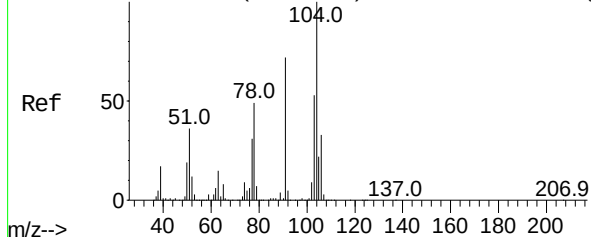
o-Xylene
Concen: 19.43 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 401796
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3

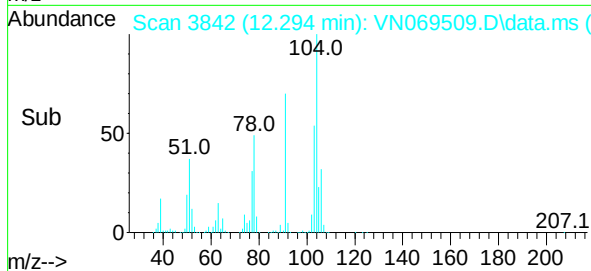
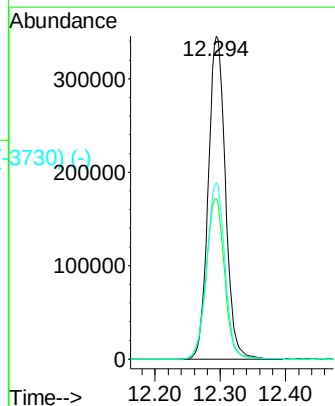
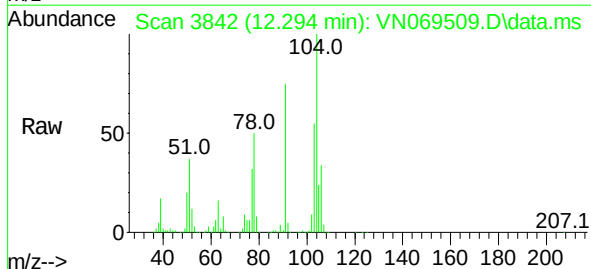


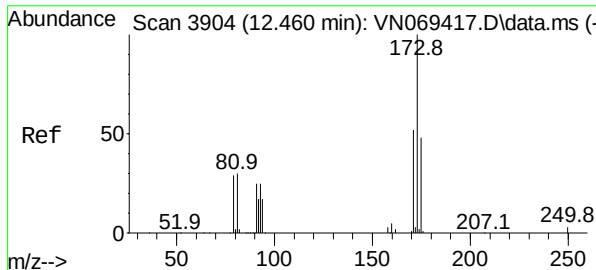
Abundance Scan 3842 (12.294 min): VN069417.D\data.ms (-3670) (-)



Styrene
Concen: 17.97 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:104 Resp: 629761
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 57.4 45.0 67.6

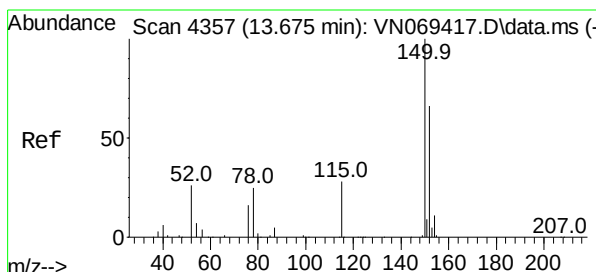
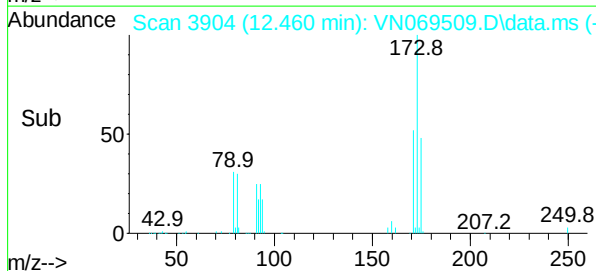
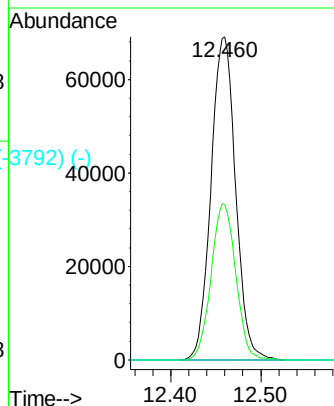
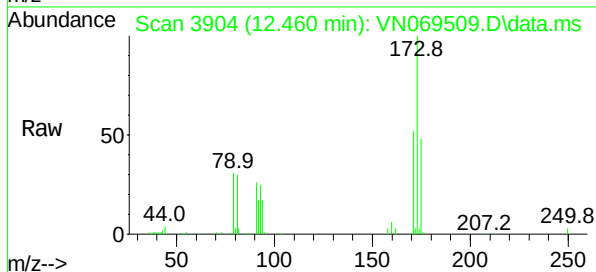




Bromoform
Concen: 16.65 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

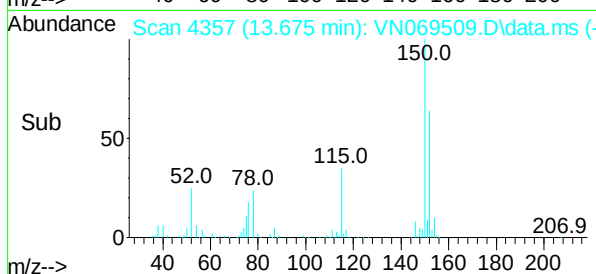
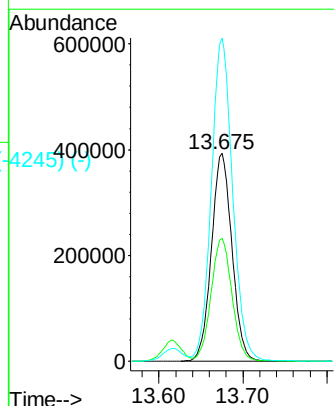
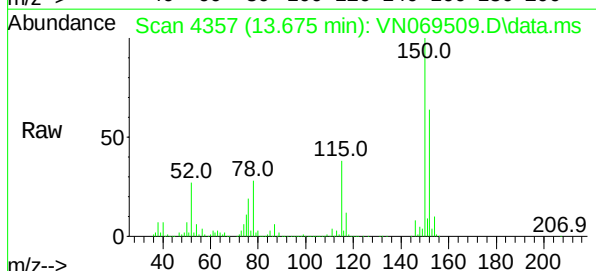
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 130744
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:152 Resp: 667661
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 161.5 0.0 344.4



Abundance Scan 3948 (12.578 min): VN069417.D\data.ms (-3979) (-)

Isopropylbenzene

Concen: 19.54 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

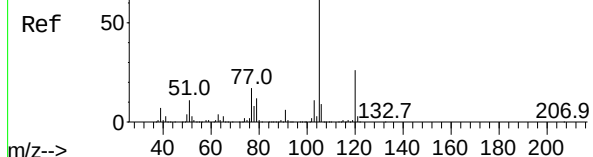
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

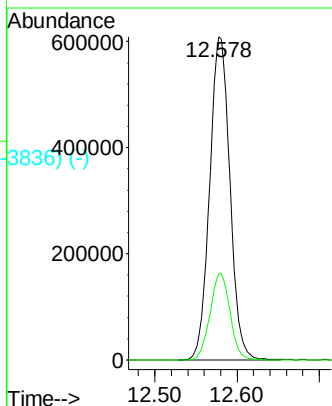
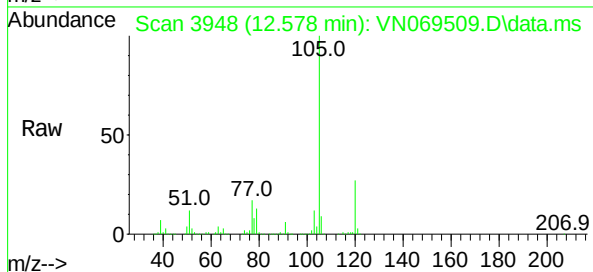


Tgt Ion:105 Resp: 1038492

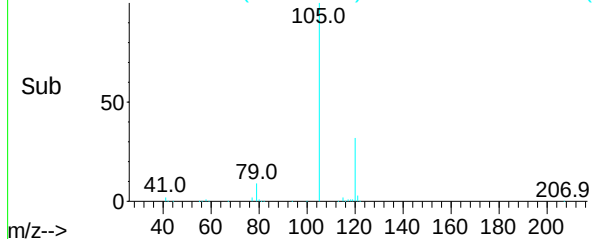
Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



Abundance Scan 3948 (12.578 min): VN069509.D\data.ms (-3836) (-)



Abundance Scan 3877 (12.388 min): VN069417.D\data.ms (-3874) (-)

N-amyl acetate

Concen: 18.43 ug/l

RT: 12.390 min Scan# 3878

Delta R.T. 0.002 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion: 43 Resp: 415205

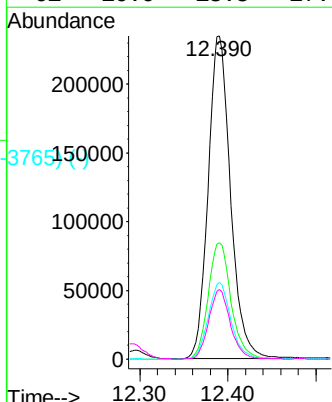
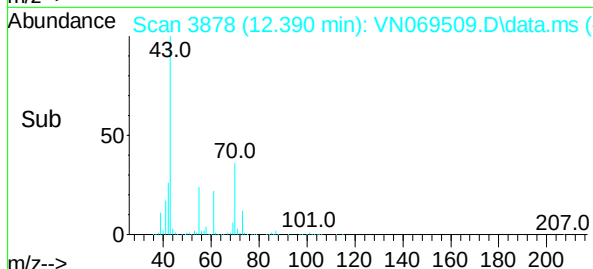
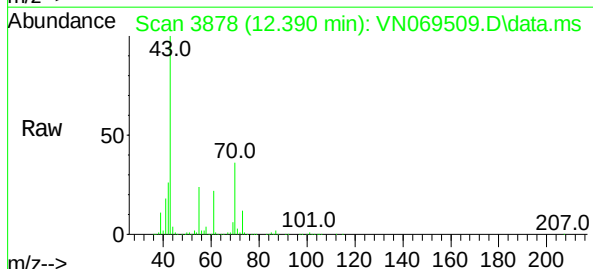
Ion Ratio Lower Upper

43 100

70 36.9 33.4 50.0

55 24.2 19.3 28.9

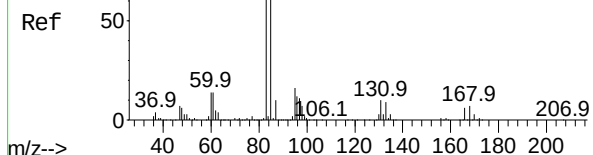
61 20.9 18.5 27.7



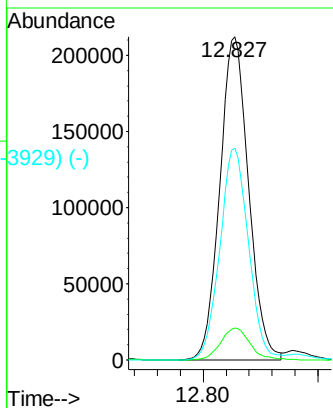
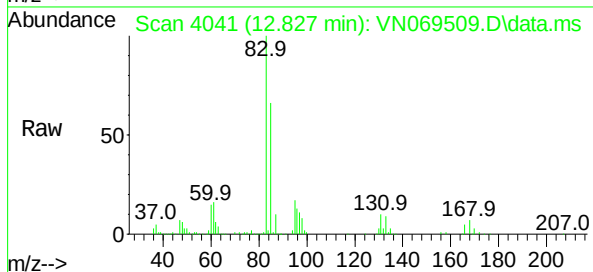
Abundance Scan 4041 (12.827 min): VN069417.D\data.ms (-4075) (-)

1,1,2,2-Tetrachloroethane
Concen: 20.62 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

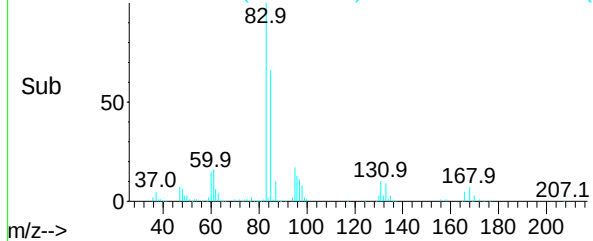
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 83 Resp: 369719
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 65.2 32.4 97.2



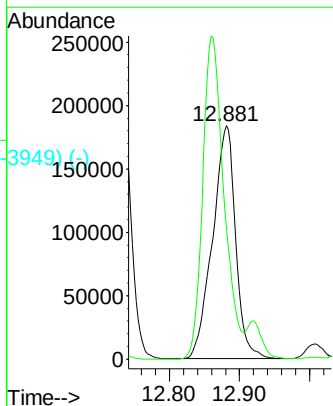
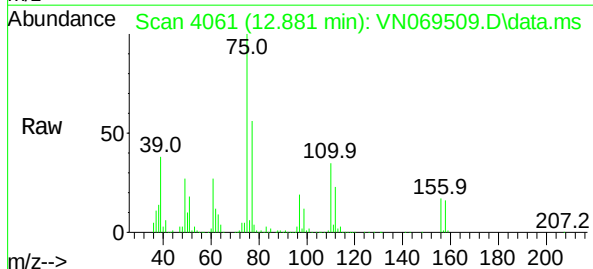
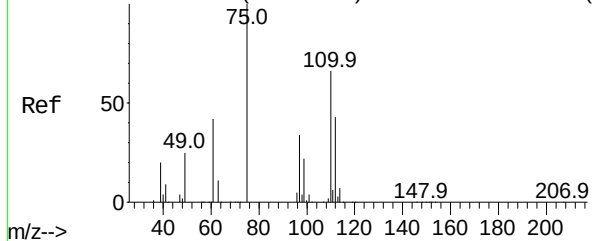
Abundance Scan 4041 (12.827 min): VN069509.D\data.ms (-3929) (-)



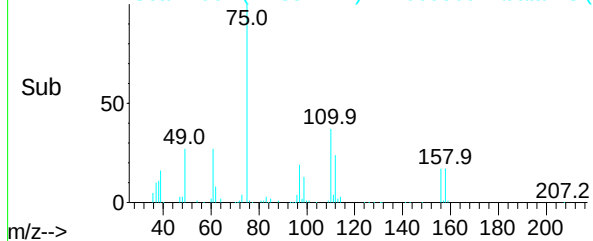
Abundance Scan 4061 (12.881 min): VN069417.D\data.ms (-4076) (-)

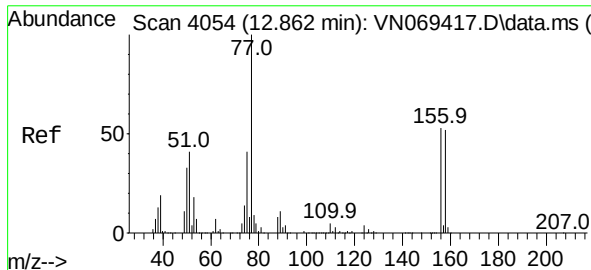
1,2,3-Trichloropropane
Concen: 27.38 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 75 Resp: 421821
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



Abundance Scan 4061 (12.881 min): VN069509.D\data.ms (-3949) (-)

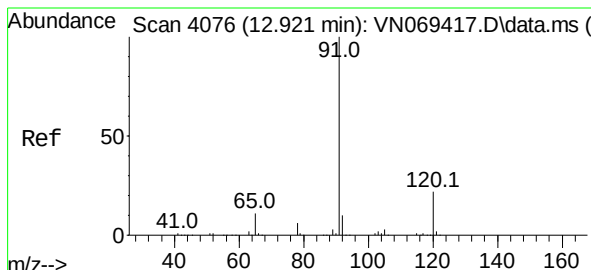
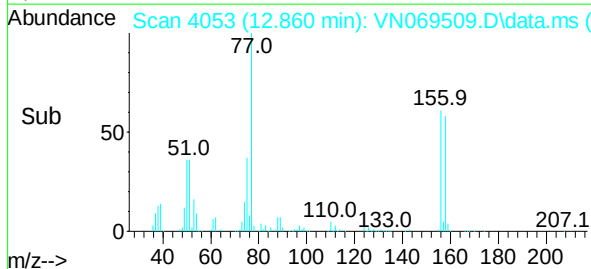
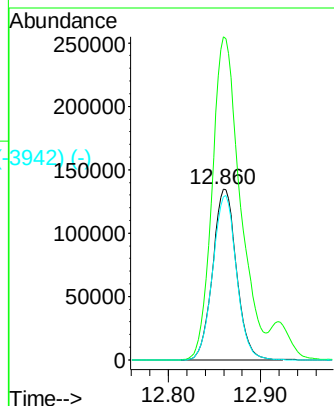
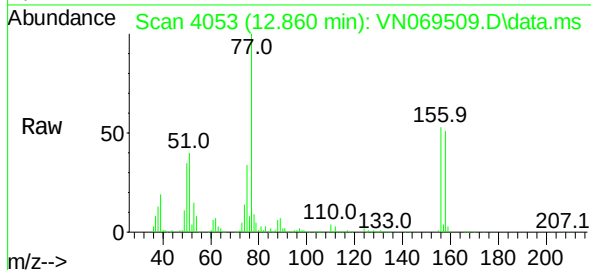




Bromobenzene
Concen: 19.80 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

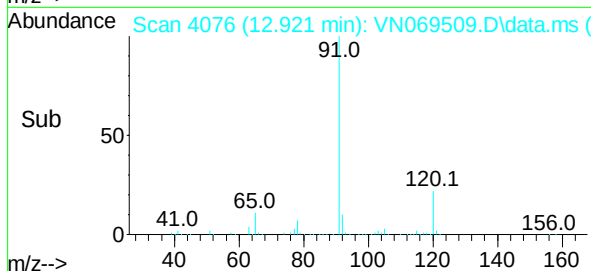
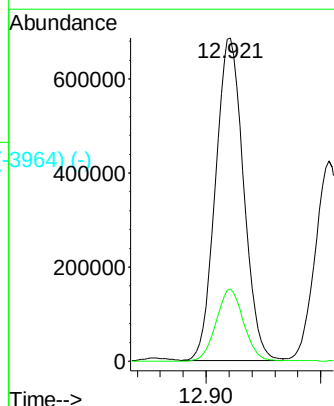
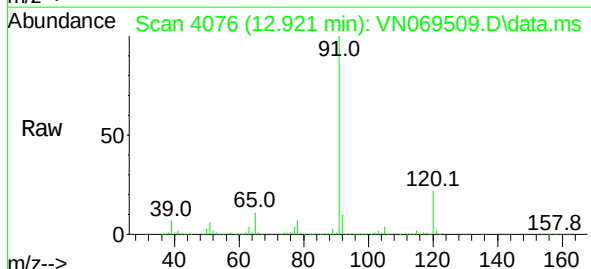
Instrument :
MSVOA_N
ClientSampleId :

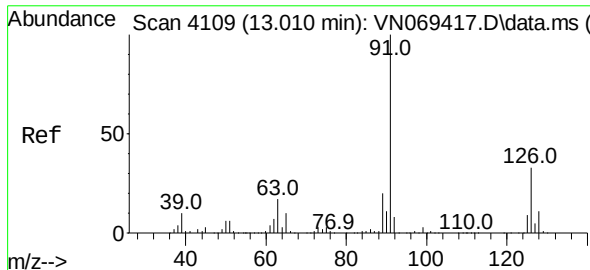
Tgt Ion:156 Resp: 240757
Ion Ratio Lower Upper
156 100
77 222.4 90.6 271.8
158 96.6 48.9 146.7



n-propylbenzene
Concen: 19.42 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 91 Resp: 1161894
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9

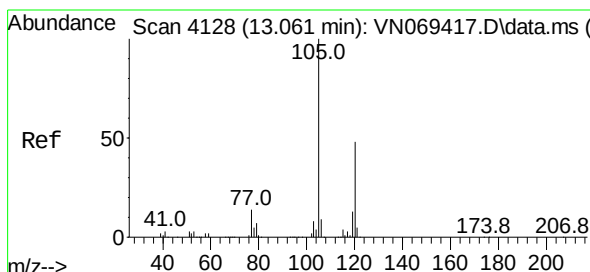
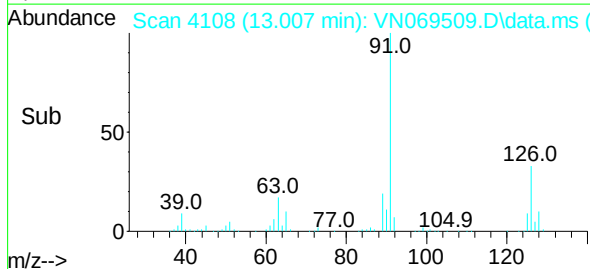
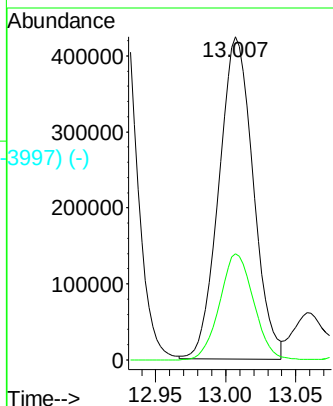
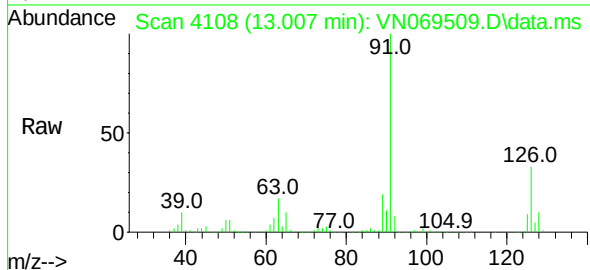




2-Chlorotoluene
Concen: 19.46 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

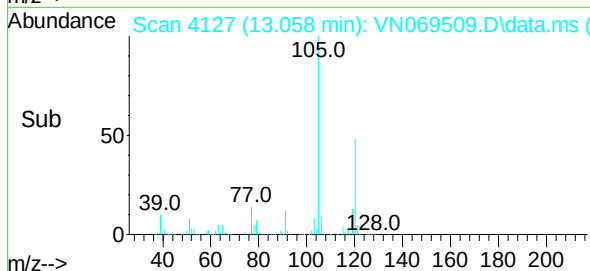
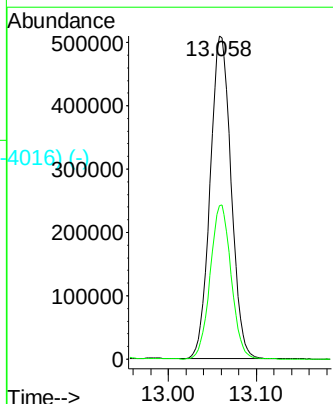
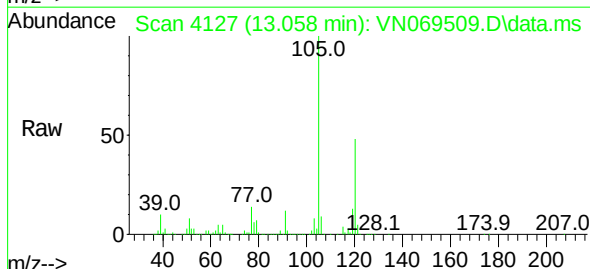
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 720643
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8



1,3,5-Trimethylbenzene
Concen: 19.68 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

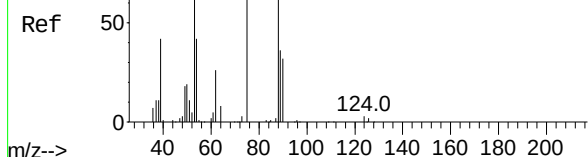
Tgt Ion:105 Resp: 845802
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6



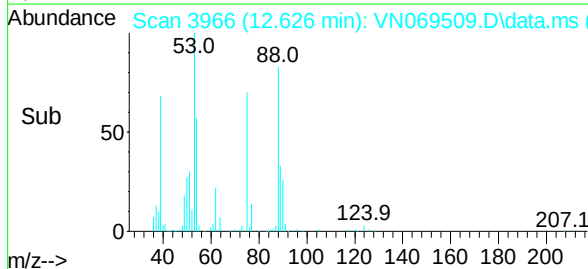
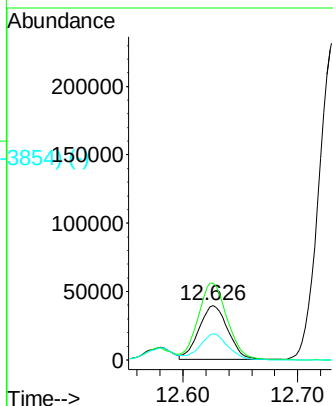
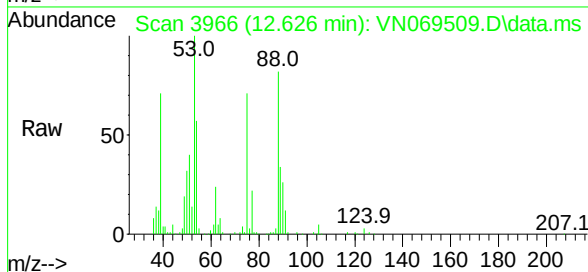
Abundance Scan 3966 (12.626 min): VN069417.D\data.ms (-3966) (-)

trans-1,4-Dichloro-2-butene
Concen: 17.61 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :



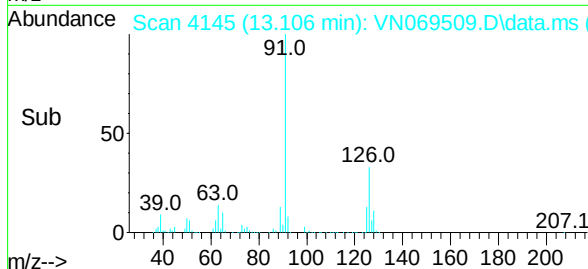
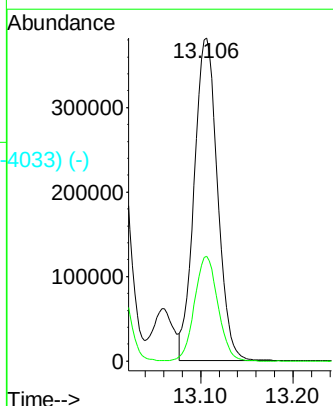
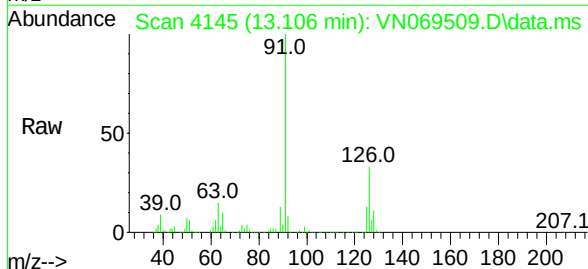
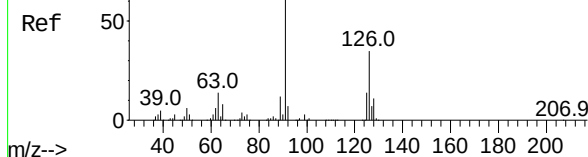
Tgt Ion:	75	Resp:	69186
Ion	Ratio	Lower	Upper
75	100		
53	142.4	90.5	135.7#
89	46.8	38.2	57.4

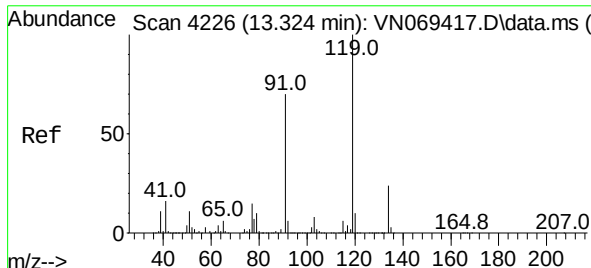


Abundance Scan 4145 (13.106 min): VN069417.D\data.ms (-4145) (-)

4-Chlorotoluene
Concen: 18.94 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	91	Resp:	668777
Ion	Ratio	Lower	Upper
91	100		
126	32.6	18.2	54.6

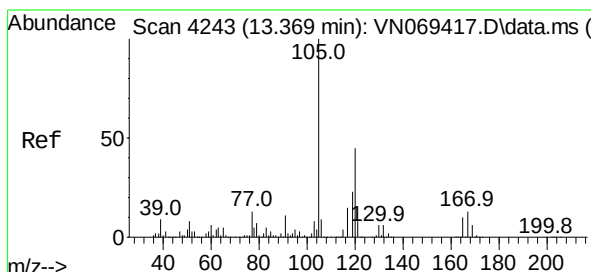
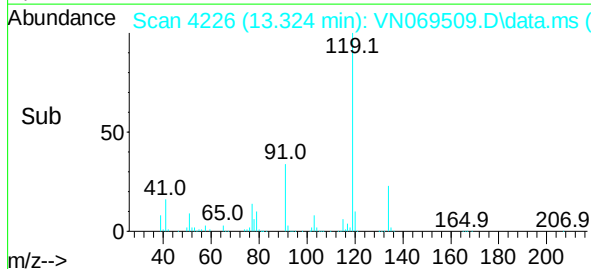
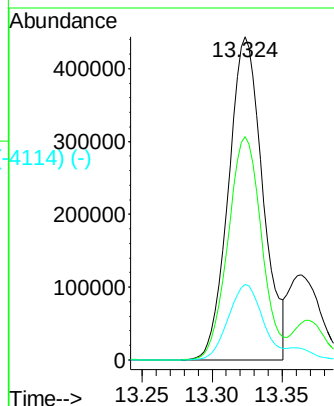
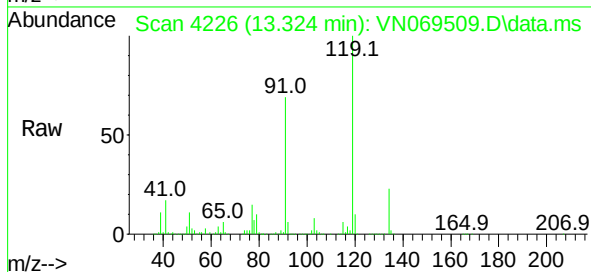




tert-Butylbenzene
Concen: 19.96 ug/l
RT: 13.324 min Scan# 4208
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

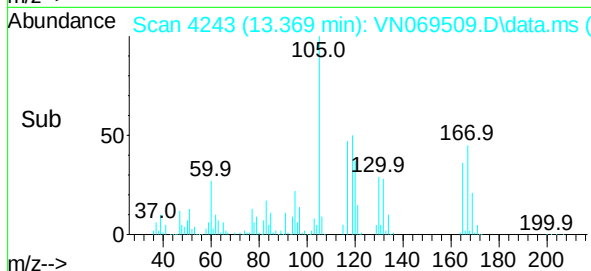
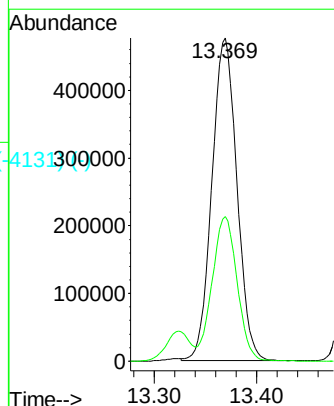
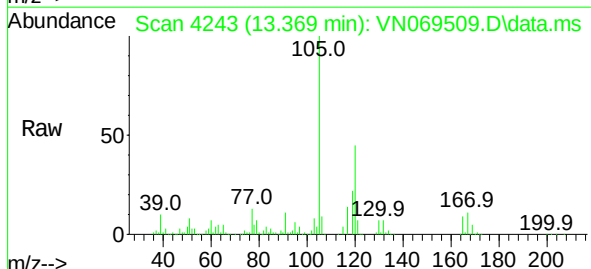
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	119	Resp:	751817
Ion	Ratio	Lower	Upper
119	100		
91	68.2	31.5	94.5
134	23.9	12.4	37.4

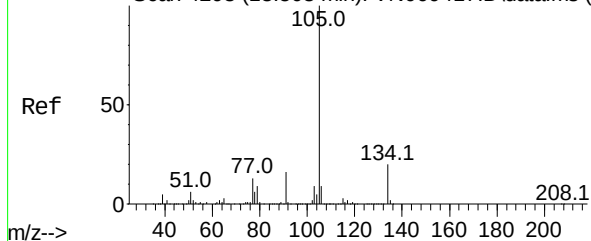


1,2,4-Trimethylbenzene
Concen: 19.45 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	105	Resp:	807063
Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.4



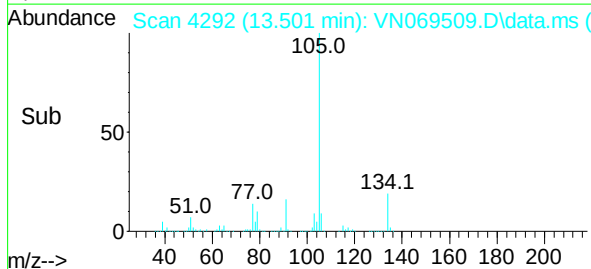
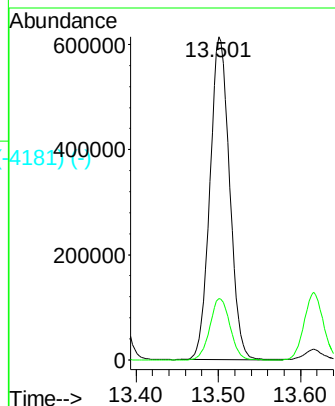
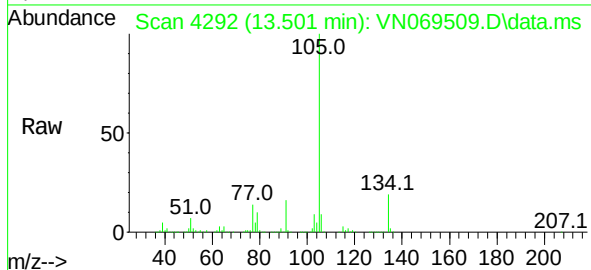
Abundance Scan 4293 (13.503 min): VN069417.D\data.ms (-4293) (-)



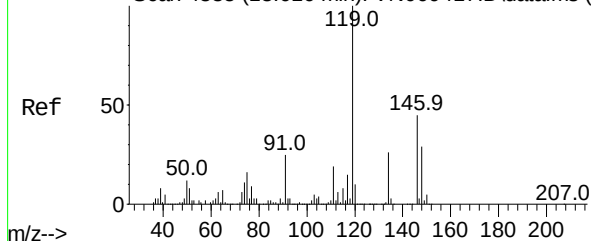
sec-Butylbenzene
Concen: 19.33 ug/l
RT: 13.501 min Scan# 4293
Delta R.T. -0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1016815
Ion Ratio Lower Upper
105 100
134 19.6 10.4 31.1

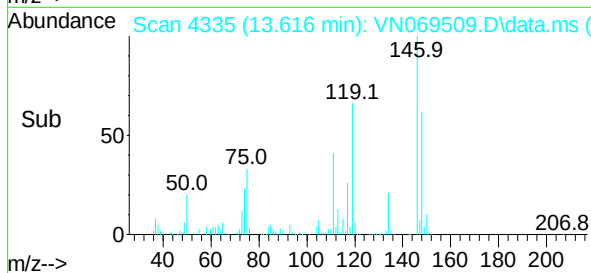
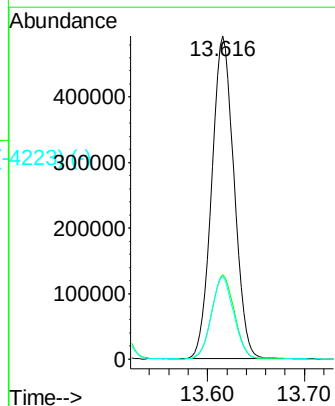
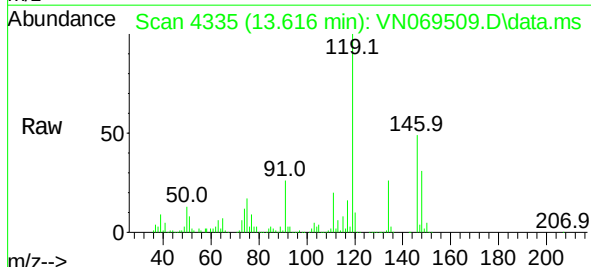


Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)

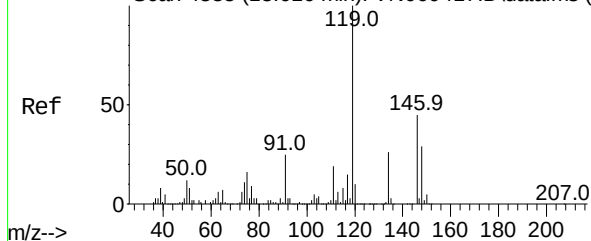


p-Isopropyltoluene
Concen: 18.82 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:119 Resp: 785938
Ion Ratio Lower Upper
119 100
134 26.6 13.6 40.7
91 25.6 11.4 34.1



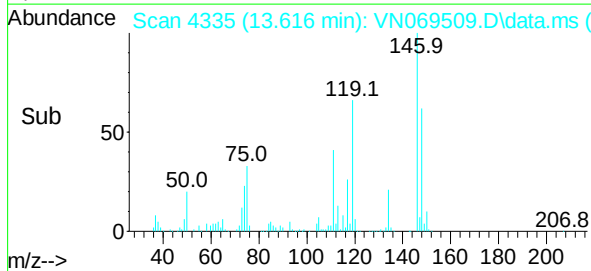
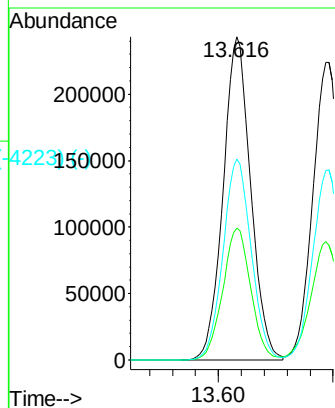
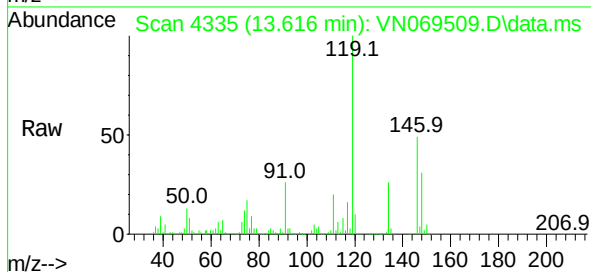
Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)



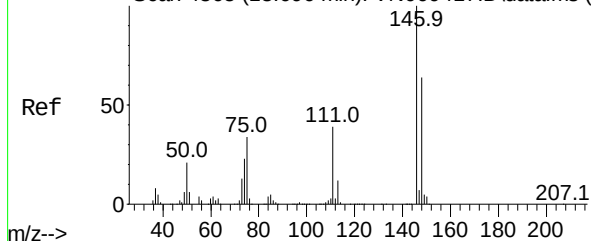
1,3-Dichlorobenzene
Concen: 19.21 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	146	Resp:	404955
Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.6
148	63.7	31.6	95.0

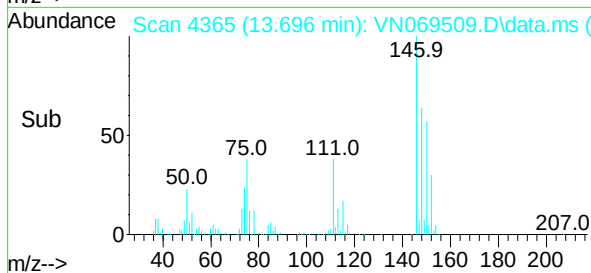
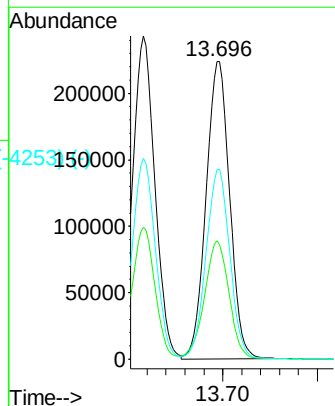
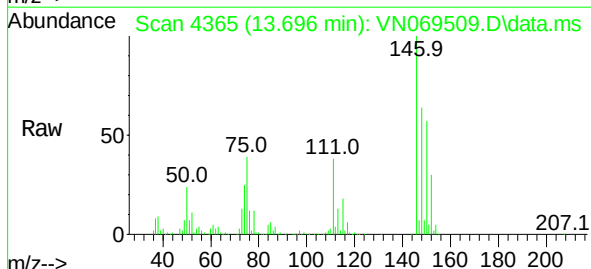


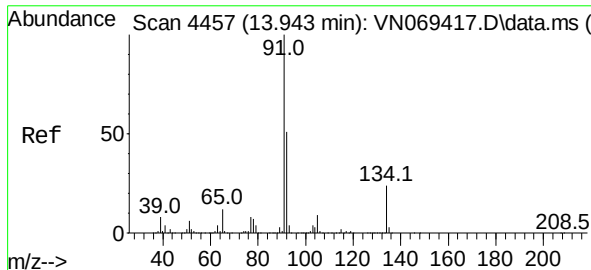
Abundance Scan 4365 (13.696 min): VN069417.D\data.ms (-4365) (-)



1,4-Dichlorobenzene
Concen: 18.69 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	146	Resp:	386437
Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.3	54.8
148	64.5	31.8	95.4

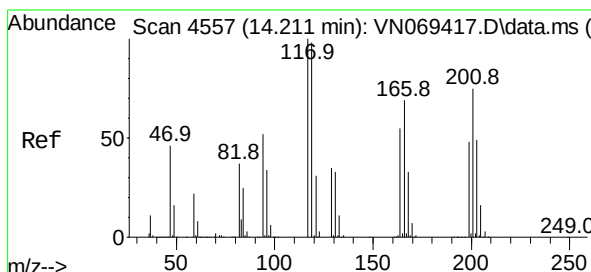
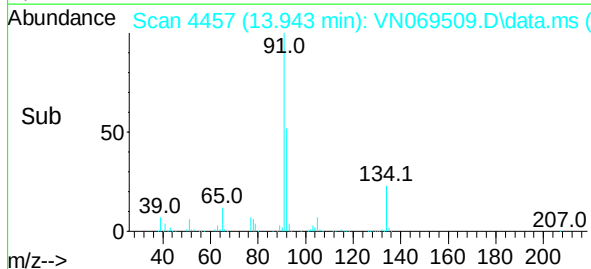
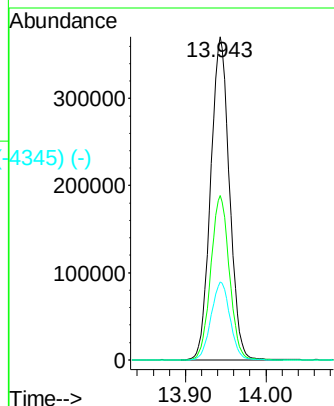
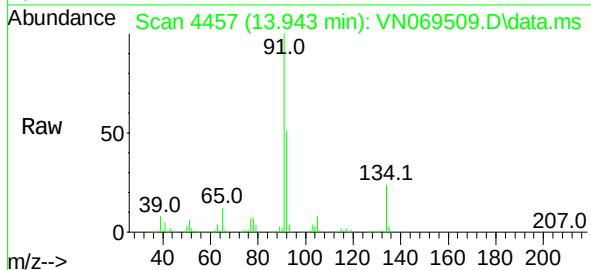




n-Butylbenzene
Concen: 17.19 ug/l
RT: 13.943 min Scan# 4459
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

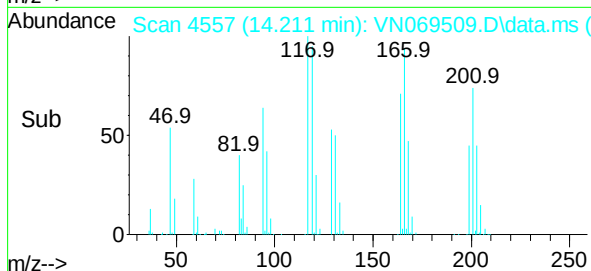
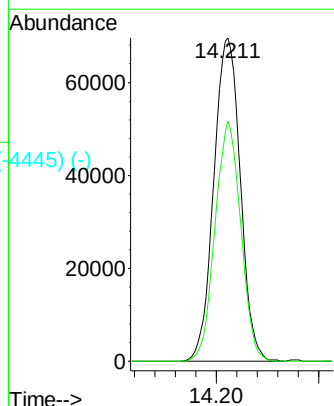
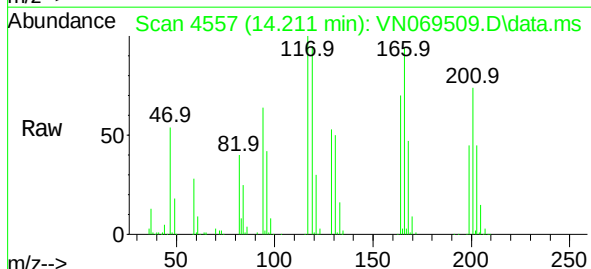
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	91	Resp:	598563
Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.4	76.0
134	24.3	13.6	40.8



Hexachloroethane
Concen: 17.75 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:	117	Resp:	125103
Ion	Ratio	Lower	Upper
117	100		
201	72.0	43.9	131.6



Abundance Scan 4474 (13.989 min): VN069417.D\data.ms (-4496) (-)

1,2-Dichlorobenzene

Concen: 19.94 ug/l

RT: 13.989 min Scan# 4496

Delta R.T. -0.000 min

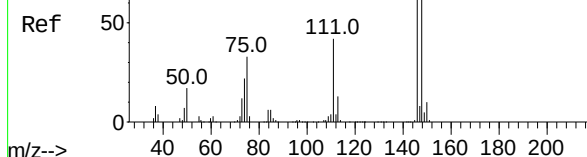
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



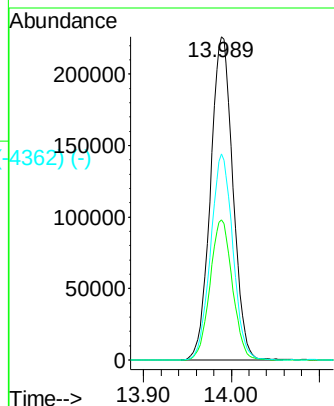
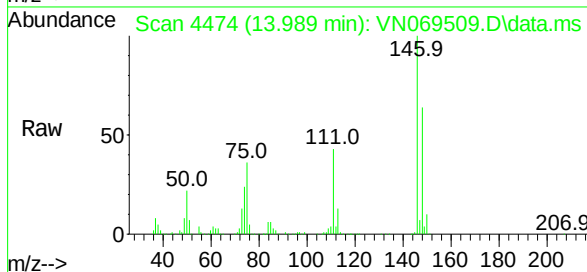
Tgt Ion:146 Resp: 399917

Ion Ratio Lower Upper

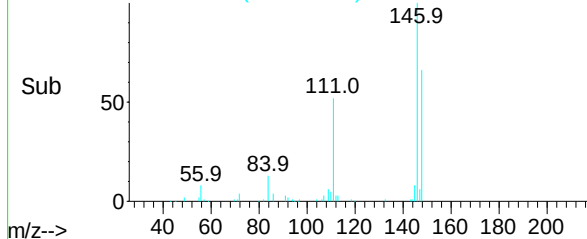
146 100

111 43.2 19.1 57.3

148 63.3 32.1 96.3



Abundance Scan 4474 (13.989 min): VN069509.D\data.ms (-4362) (-)



Abundance Scan 4704 (14.606 min): VN069417.D\data.ms (-4602) (-)

1,2-Dibromo-3-Chloropropane

Concen: 18.00 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. -0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

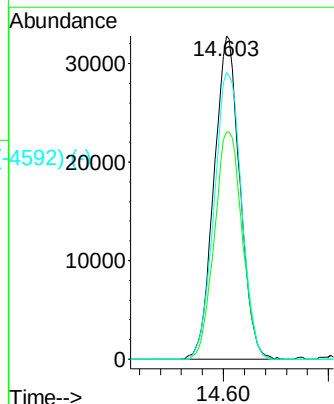
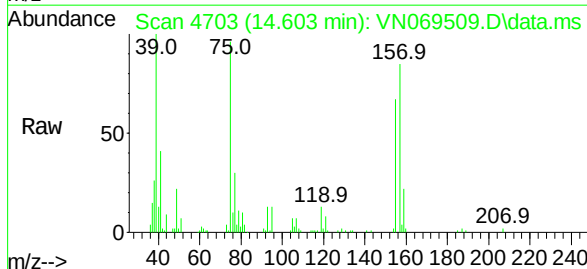
Tgt Ion: 75 Resp: 56027

Ion Ratio Lower Upper

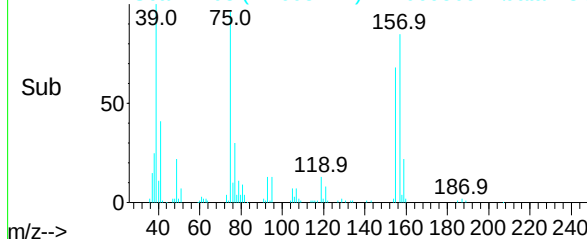
75 100

155 75.3 46.9 140.7

157 93.5 60.6 181.7



Abundance Scan 4703 (14.603 min): VN069509.D\data.ms (-4592) (-)



Abundance Scan 4950 (15.265 min): VN069417.D\data.ms (-4928) (-)

1,2,4-Trichlorobenzene

Concen: 16.89 ug/l

RT: 15.265 min Scan# 4928

Delta R.T. 0.000 min

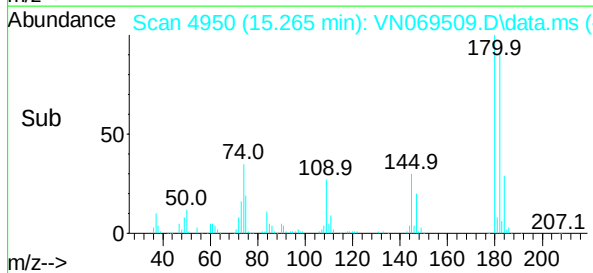
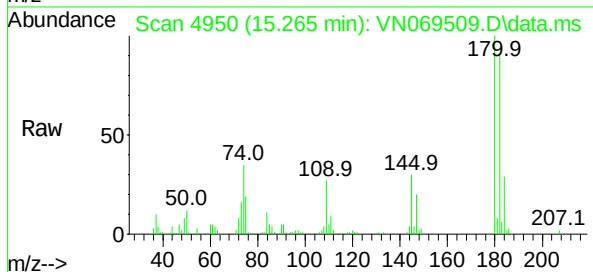
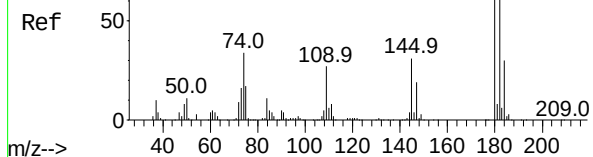
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



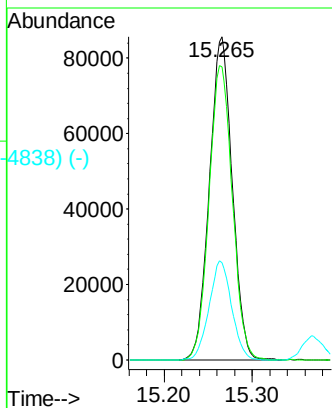
Tgt Ion:180 Resp: 154430

Ion Ratio Lower Upper

180 100

182 93.1 48.3 144.9

145 30.3 14.5 43.5



Abundance Scan 4989 (15.370 min): VN069417.D\data.ms (-4969) (-)

Hexachlorobutadiene

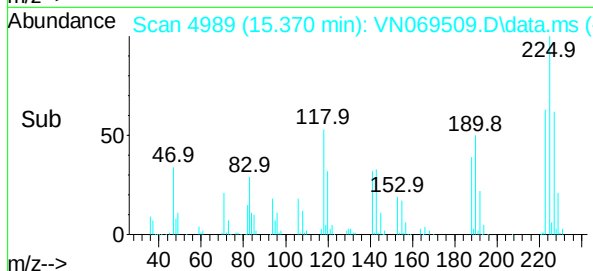
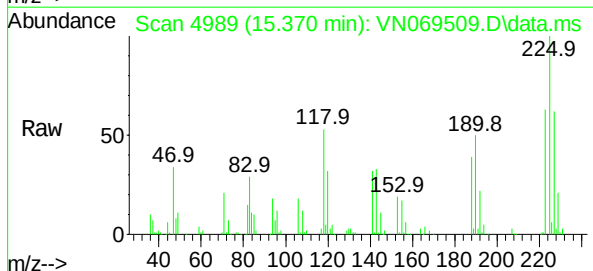
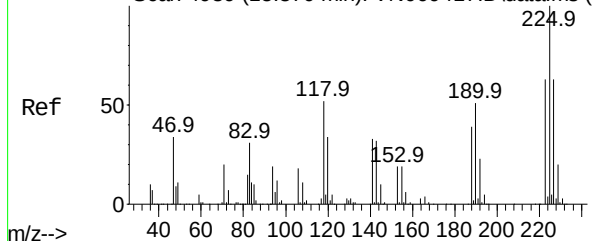
Concen: 19.24 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28



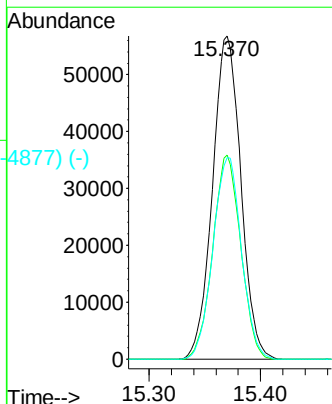
Tgt Ion:225 Resp: 100287

Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.7

227 62.8 32.1 96.3



Abundance Scan 5040 (15.507 min): VN069417.D\data.ms (-5025) (-)

Naphthalene

Concen: 16.40 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

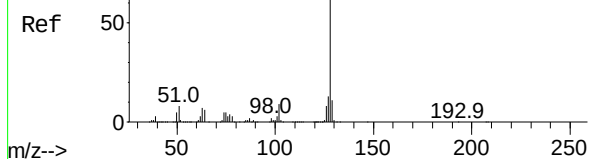
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :



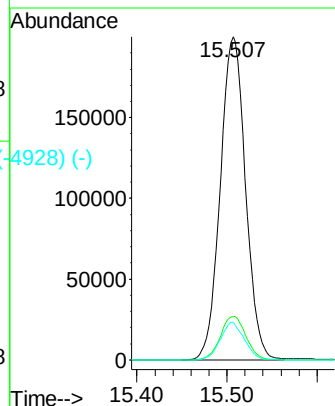
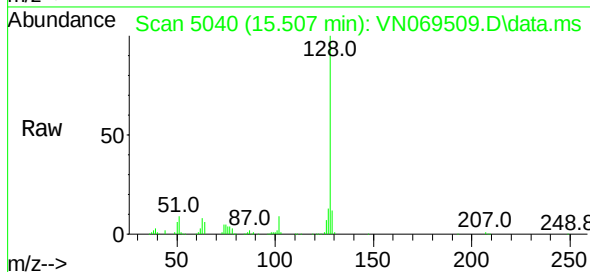
Tgt Ion:128 Resp: 388744

Ion Ratio Lower Upper

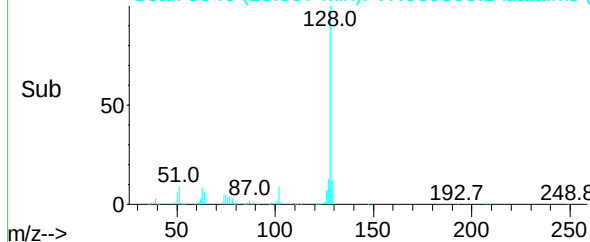
128 100

127 13.7 10.5 15.7

129 11.0 8.7 13.1



Abundance Scan 5040 (15.507 min): VN069509.D\data.ms (-4928) (-)



Abundance Scan 5112 (15.700 min): VN069417.D\data.ms (-5096) (-)

1,2,3-Trichlorobenzene

Concen: 17.58 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

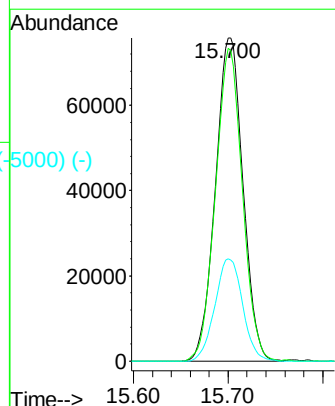
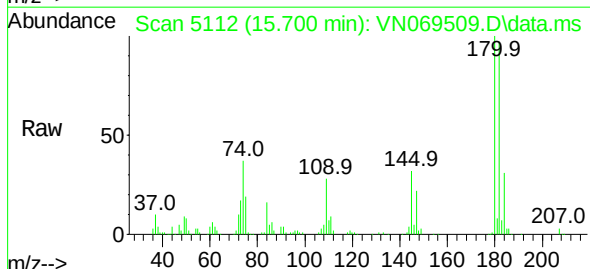
Tgt Ion:180 Resp: 154609

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.2

145 31.9 15.0 45.1



Abundance Scan 5112 (15.700 min): VN069509.D\data.ms (-5000) (-)

