

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069521.D
 Acq On : 16 Nov 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:01:47 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	1113433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1845326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1697823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	762011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	789398	48.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	97.80%	
35) Dibromofluoromethane	8.021	113	561182	50.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	101.42%	
50) Toluene-d8	10.440	98	2168330	49.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.731	95	790939	49.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	98.92%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	493722	41.51	ug/l	99
3) Chloromethane	2.303	50	545134	39.52	ug/l	98
4) Vinyl Chloride	2.445	62	563739	40.81	ug/l	99
5) Bromomethane	2.845	94	325780	36.32	ug/l	95
6) Chloroethane	3.014	64	362418	38.87	ug/l	98
7) Trichlorofluoromethane	3.373	101	844836	39.57	ug/l	99
8) Diethyl Ether	3.824	74	299740	43.40	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	437952	43.55	ug/l	94
10) Methyl Iodide	4.419	142	563790	45.71	ug/l	97
11) Tert butyl alcohol	5.377	59	589978	202.80	ug/l	99
12) 1,1-Dichloroethene	4.178	96	394772	43.75	ug/l	93
13) Acrolein	4.038	56	88573	214.06	ug/l	99
14) Allyl chloride	4.840	41	879548	44.08	ug/l	94
15) Acrylonitrile	5.556	53	1721259	231.05	ug/l	99
16) Acetone	4.288	43	1625237	186.58	ug/l	97
17) Carbon Disulfide	4.529	76	764864	35.86	ug/l	99
18) Methyl Acetate	4.854	43	1237771	43.71	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1783753	46.71	ug/l	97
20) Methylene Chloride	5.092	84	530705	42.97	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	446771	44.32	ug/l	89
22) Diisopropyl ether	6.498	45	2042817	47.53	ug/l	94
23) Vinyl Acetate	6.433	43	7870626	236.77	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1000213	45.69	ug/l	99
25) 2-Butanone	7.337	43	2550460	216.24	ug/l	92
26) 2,2-Dichloropropane	7.327	77	729183	42.57	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	577486	46.22	ug/l	90
28) Bromochloromethane	7.656	49	565280	50.42	ug/l #	81
29) Tetrahydrofuran	7.686	42	1659923	229.33	ug/l	90
30) Chloroform	7.817	83	1045667	46.59	ug/l	99
31) Cyclohexane	8.094	56	884592	40.11	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	862994	46.07	ug/l	95
36) 1,1-Dichloropropene	8.222	75	706459	45.50	ug/l	97
37) Ethyl Acetate	7.412	43	996097	47.46	ug/l	97
38) Carbon Tetrachloride	8.206	117	701979	46.83	ug/l	97
39) Methylcyclohexane	9.459	83	845040	43.75	ug/l	91

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 Quant Title : Sw846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.458	78	2225586	46.44	ug/l	98
41) Methacrylonitrile	7.635	41	501907	46.28	ug/l	92
42) 1,2-Dichloroethane	8.528	62	893728	47.62	ug/l	97
43) Isopropyl Acetate	8.560	43	1592574	47.24	ug/l	95
44) Trichloroethene	9.217	130	541380	47.20	ug/l	94
45) 1,2-Dichloropropane	9.491	63	622423	48.61	ug/l	99
46) Dibromomethane	9.577	93	400397	46.68	ug/l	93
47) Bromodichloromethane	9.762	83	786710	49.15	ug/l	99
48) Methyl methacrylate	9.561	41	735904	46.40	ug/l	91
49) 1,4-Dioxane	9.569	88	253615	814.36	ug/l #	90
51) 4-Methyl-2-Pentanone	10.330	43	5338267	245.31	ug/l	96
52) Toluene	10.505	92	1407581	47.14	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	809072	41.58	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	891184	43.22	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	593702	49.33	ug/l	98
56) Ethyl methacrylate	10.762	69	976980	43.36	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1027597	48.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1146501	201.45	ug/l	93
59) 2-Hexanone	11.084	43	3812731	208.86	ug/l	93
60) Dibromochloromethane	11.237	129	563911	43.04	ug/l	100
61) 1,2-Dibromoethane	11.344	107	601189	44.86	ug/l	98
64) Tetrachloroethene	10.977	164	482434	47.06	ug/l	95
65) Chlorobenzene	11.771	112	1525298	48.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	563729	51.43	ug/l	99
67) Ethyl Benzene	11.843	91	2816008	48.31	ug/l	97
68) m/p-Xylenes	11.953	106	2059808	96.09	ug/l	93
69) o-Xylene	12.280	106	1045556	48.92	ug/l	92
70) Styrene	12.294	104	1735718	45.38	ug/l	96
71) Bromoform	12.460	173	397547	42.33	ug/l #	100
73) Isopropylbenzene	12.578	105	2803433	46.21	ug/l	99
74) N-amyl acetate	12.387	43	1232489	47.93	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	947211	46.29	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	1144195	65.06	ug/l #	1
77) Bromobenzene	12.859	156	650978	46.91	ug/l	81
78) n-propylbenzene	12.921	91	3166023	46.38	ug/l	96
79) 2-Chlorotoluene	13.007	91	1930015	45.66	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2285036	46.59	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	228433	39.98	ug/l	90
82) 4-Chlorotoluene	13.106	91	1865995	46.31	ug/l	93
83) tert-Butylbenzene	13.323	119	2072271	48.21	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2258415	47.70	ug/l	98
85) sec-Butylbenzene	13.500	105	2837027	47.25	ug/l	98
86) p-Isopropyltoluene	13.616	119	2274468	47.72	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1117122	46.44	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1075153	45.56	ug/l	97
89) n-Butylbenzene	13.943	91	1813075	45.61	ug/l	98
90) Hexachloroethane	14.211	117	376032	43.23	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	1112414	48.59	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	162986	43.10	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	474194	40.19	ug/l	98
94) Hexachlorobutadiene	15.370	225	280062	47.09	ug/l	99
95) Naphthalene	15.507	128	1272681	38.72	ug/l	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.700	180	469096	41.48	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance Scan 2273 (8.086 min): VN069417.D\data.ms (-2249) (-)

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

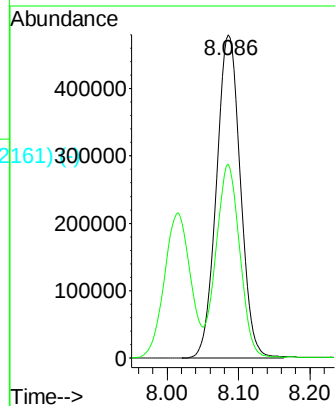
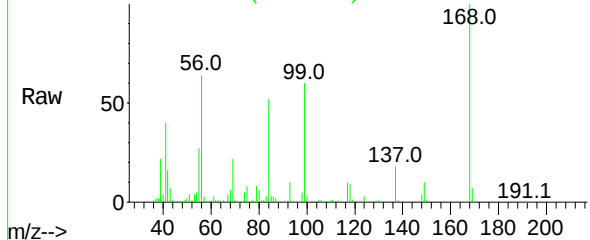
Tgt Ion:168 Resp: 1113433

Ion Ratio Lower Upper

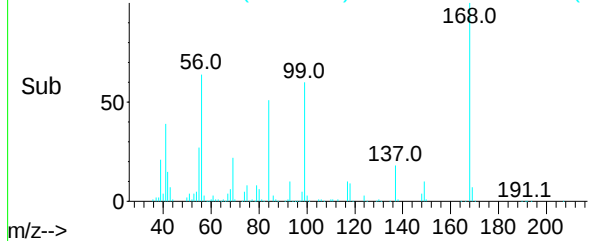
168 100

99 59.7 41.3 61.9

Abundance Scan 2273 (8.086 min): VN069521.D\data.ms



Abundance Scan 2273 (8.086 min): VN069521.D\data.ms (-2161) (-)



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

Dichlorodifluoromethane

Concen: 41.51 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

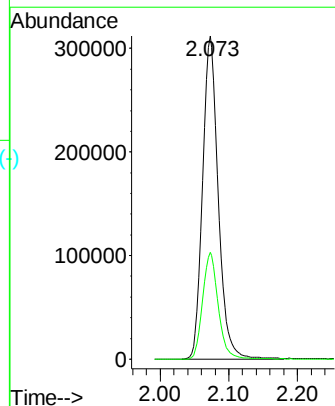
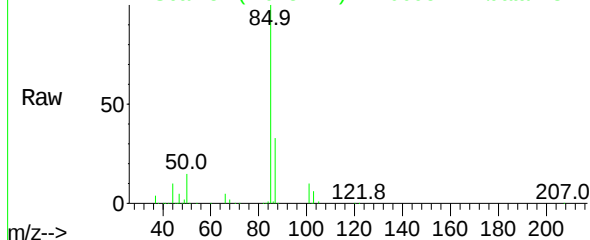
Tgt Ion: 85 Resp: 493722

Ion Ratio Lower Upper

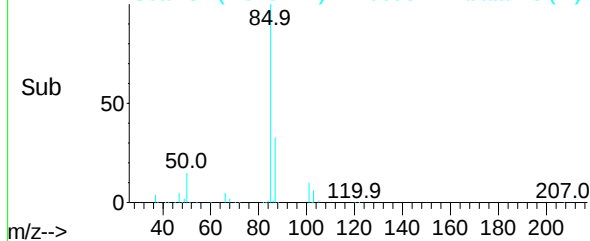
85 100

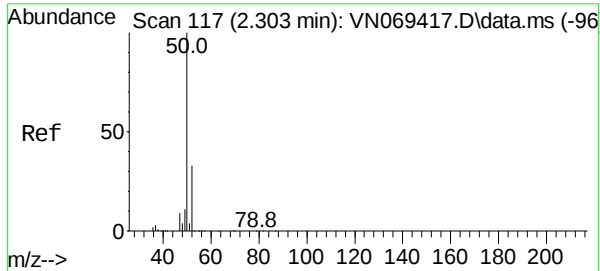
87 33.0 16.3 48.9

Abundance Scan 31 (2.073 min): VN069521.D\data.ms



Abundance Scan 31 (2.073 min): VN069521.D\data.ms (-1) (-)





Chloromethane

Concen: 39.52 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

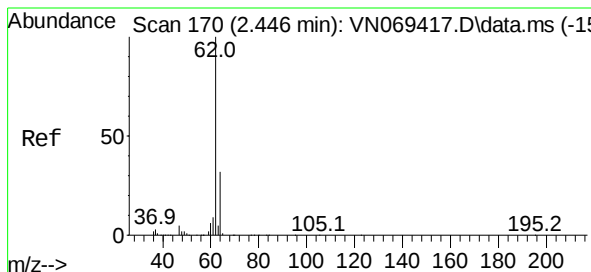
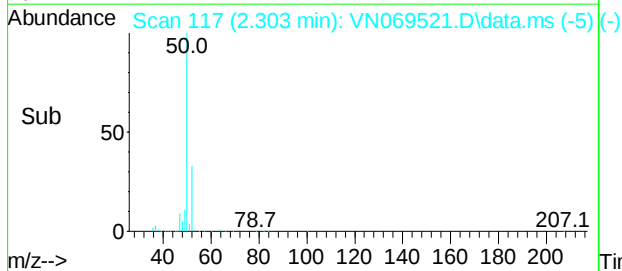
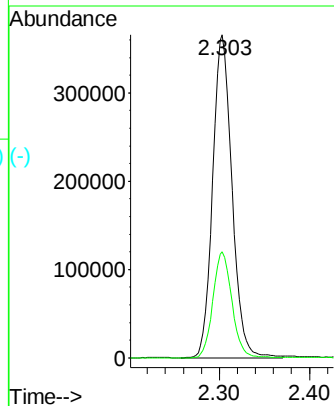
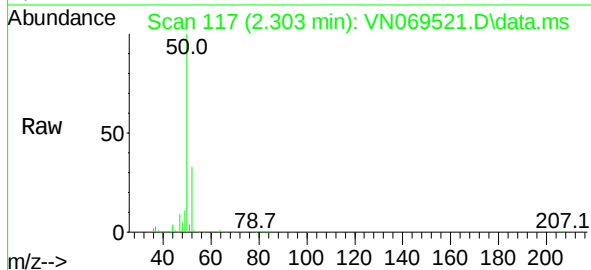
ClientSampleId :

Tgt Ion: 50 Resp: 545134

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.0



Vinyl Chloride

Concen: 40.81 ug/l

RT: 2.445 min Scan# 170

Delta R.T. -0.001 min

Lab File: VN069521.D

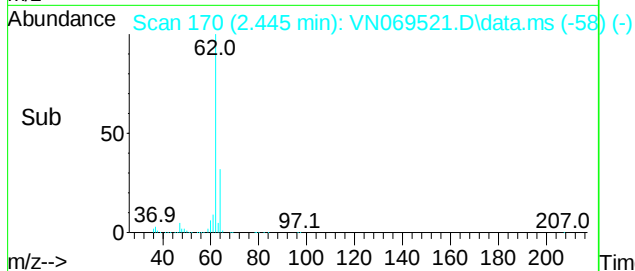
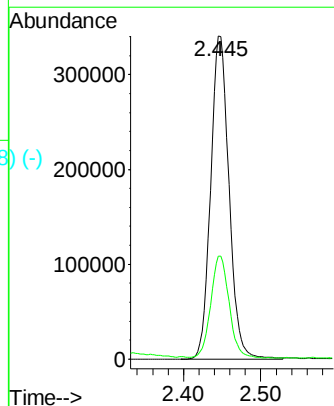
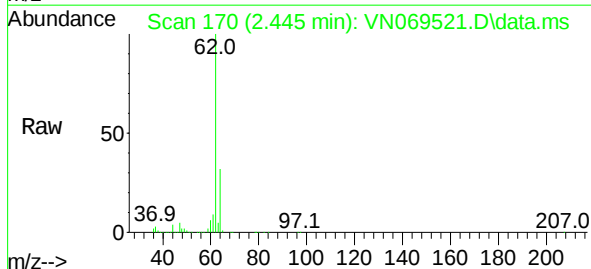
Acq: 16 Nov 2021 20:40

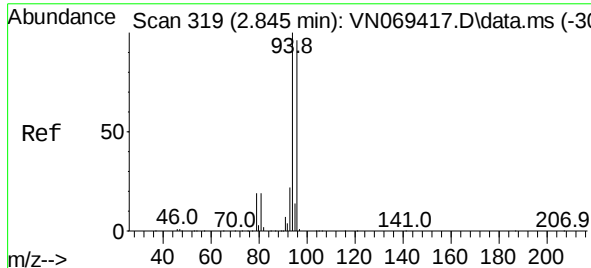
Tgt Ion: 62 Resp: 563739

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6





Bromomethane

Concen: 36.32 ug/l

RT: 2.845 min Scan# 319

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

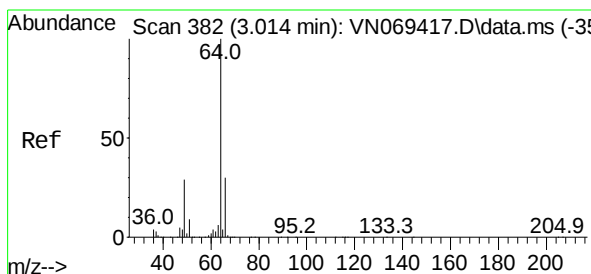
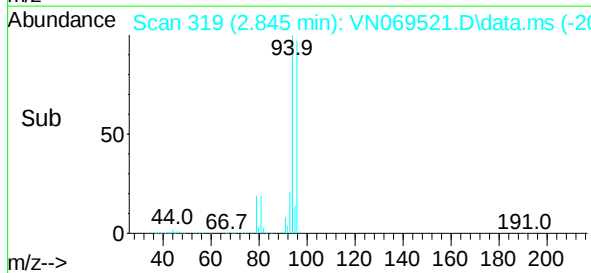
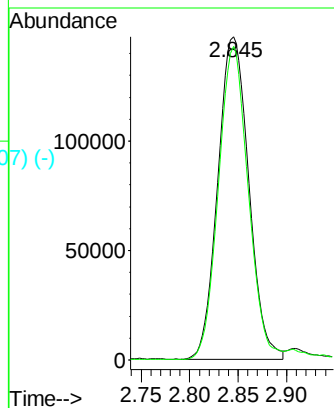
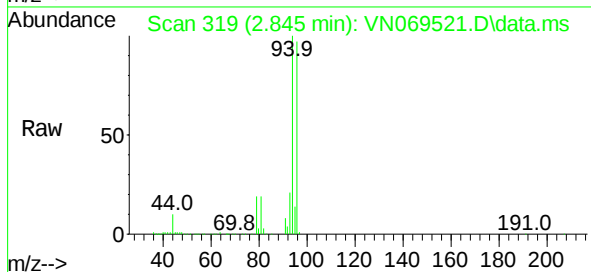
ClientSampleId :

Tgt Ion: 94 Resp: 325780

Ion Ratio Lower Upper

94 100

96 97.0 73.8 110.8



Chloroethane

Concen: 38.87 ug/l

RT: 3.014 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN069521.D

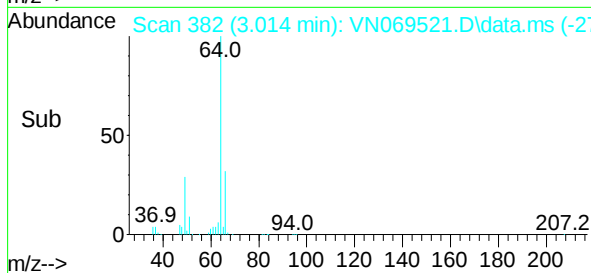
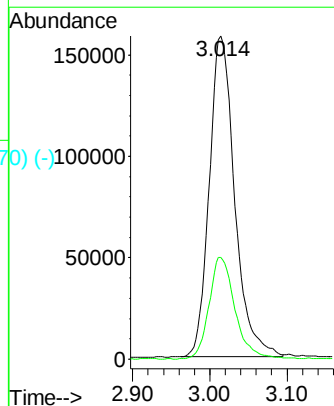
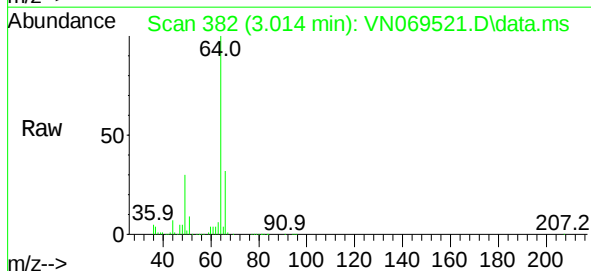
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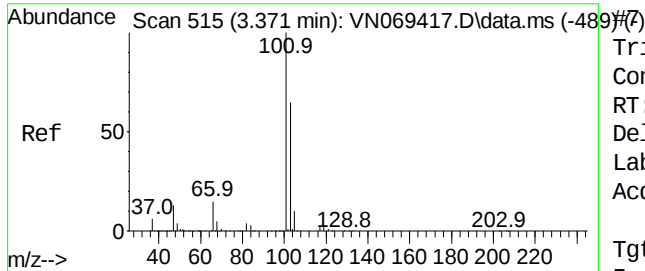
Tgt Ion: 64 Resp: 362418

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5

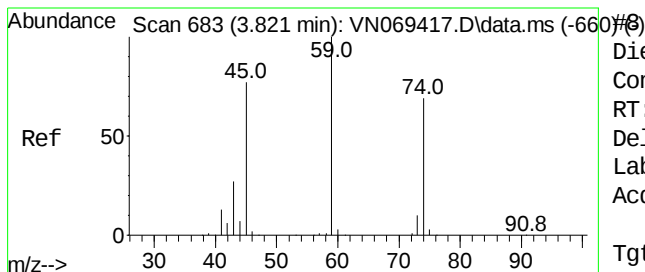
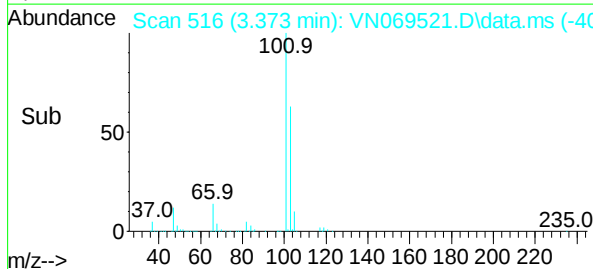
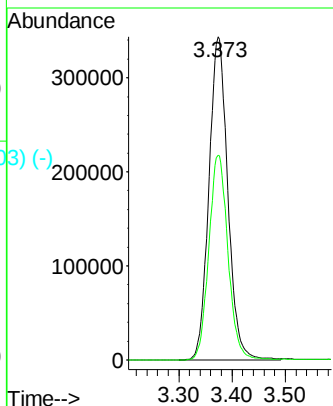
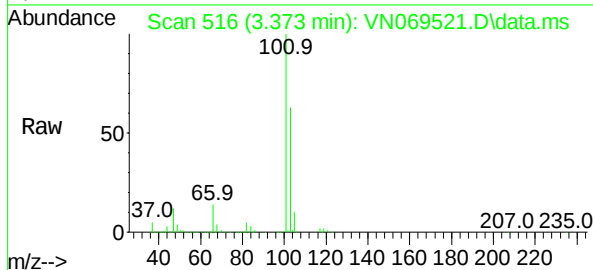




Trichlorofluoromethane
 Concen: 39.57 ug/l
 RT: 3.373 min Scan# 4
 Delta R.T. 0.002 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

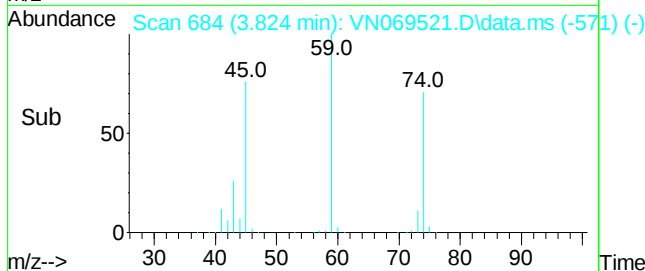
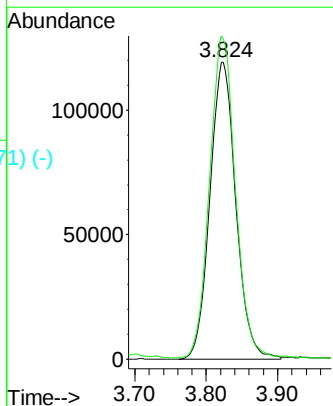
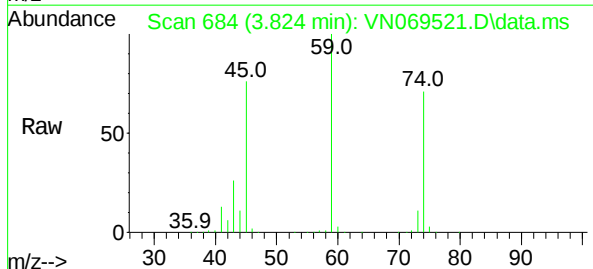
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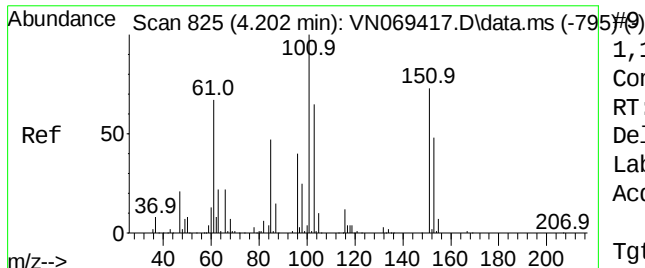
Tgt Ion:101 Resp: 844836
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.1 75.1



Diethyl Ether
 Concen: 43.40 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

Tgt Ion: 74 Resp: 299740
 Ion Ratio Lower Upper
 74 100
 45 107.9 47.0 141.2





1,1,2-Trichlorotrifluoroethane

Concen: 43.55 ug/l

RT: 4.202 min Scan# 825

Delta R.T. 0.000 min

Lab File: VN069521.D

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MSVOA_N

ClientSampleId :

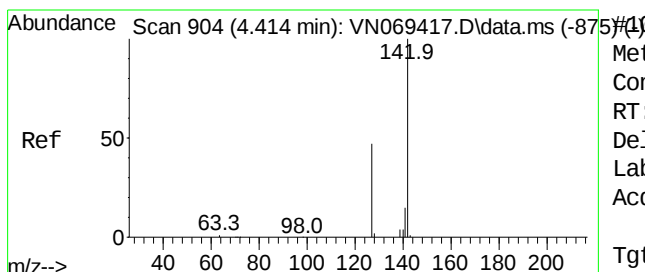
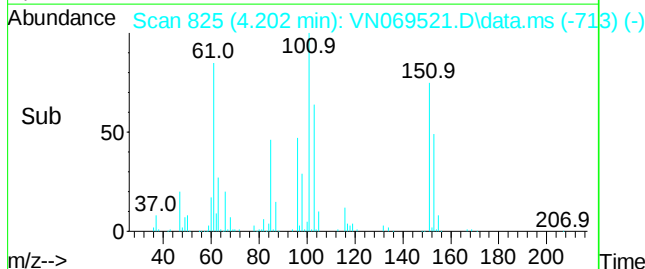
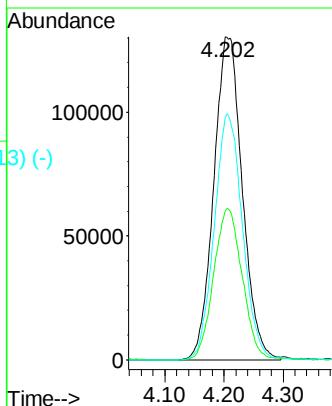
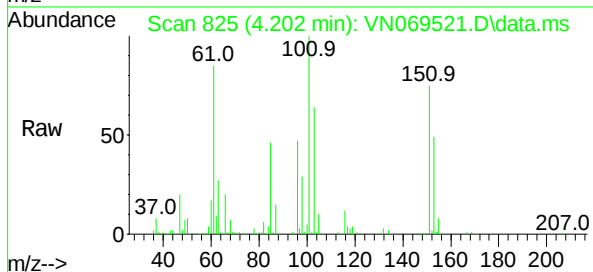
Tgt Ion:101 Resp: 437952

Ion Ratio Lower Upper

101 100

85 47.0 37.2 55.8

151 75.1 65.9 98.9



Methyl Iodide

Concen: 45.71 ug/l

RT: 4.419 min Scan# 906

Delta R.T. 0.005 min

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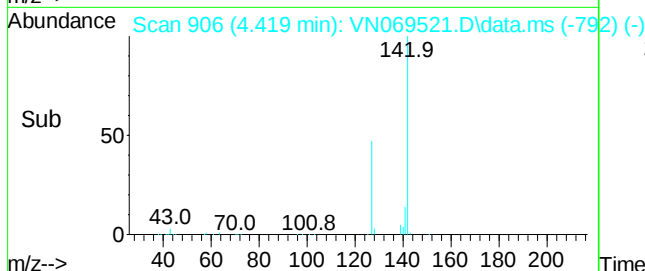
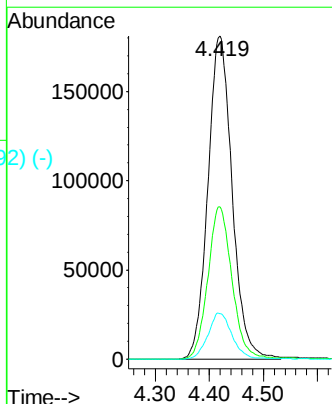
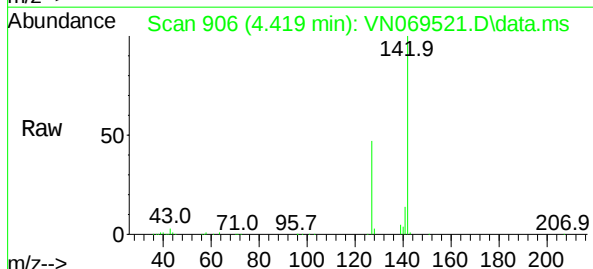
Tgt Ion:142 Resp: 563790

Ion Ratio Lower Upper

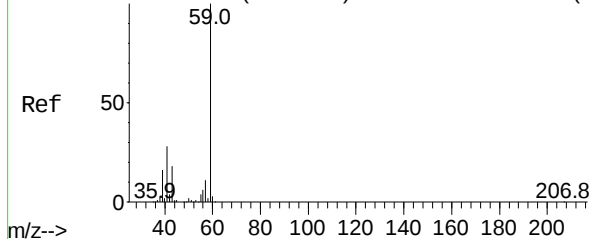
142 100

127 46.9 35.4 53.0

141 14.2 11.6 17.4



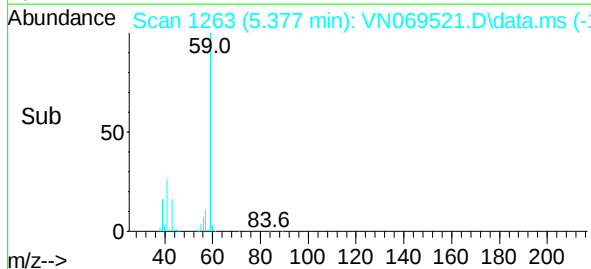
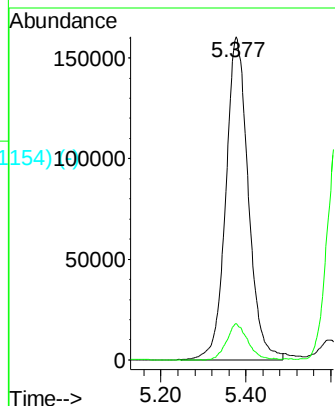
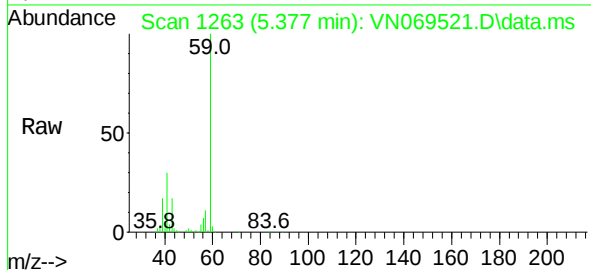
Abundance Scan 1266 (5.385 min): VN069417.D\data.ms (-12321)



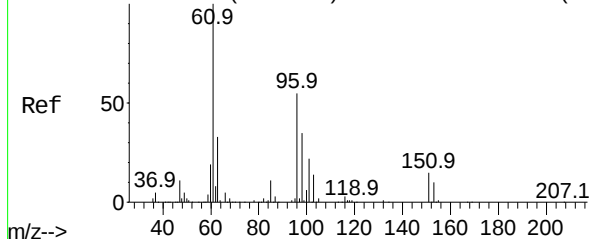
Tert butyl alcohol
Concen: 202.80 ug/l
RT: 5.377 min Scan# 1266
Delta R.T. -0.008 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 589978
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

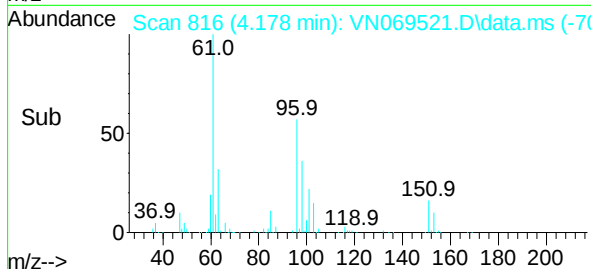
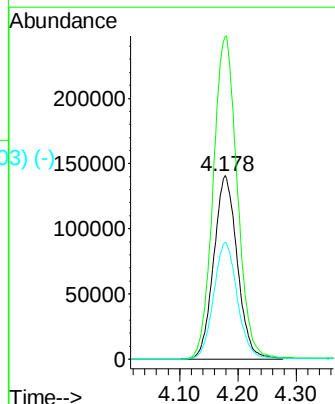
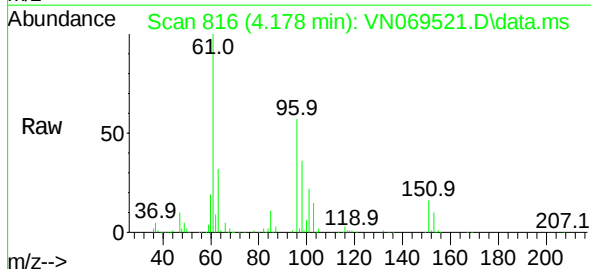


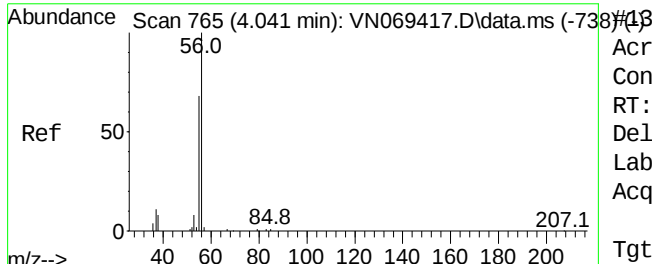
Abundance Scan 815 (4.175 min): VN069417.D\data.ms (-7894)



1,1-Dichloroethene
Concen: 43.75 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 96 Resp: 394772
Ion Ratio Lower Upper
96 100
61 176.0 131.0 196.6
98 63.7 52.4 78.6





Acrolein

Concen: 214.06 ug/l

RT: 4.038 min Scan#

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

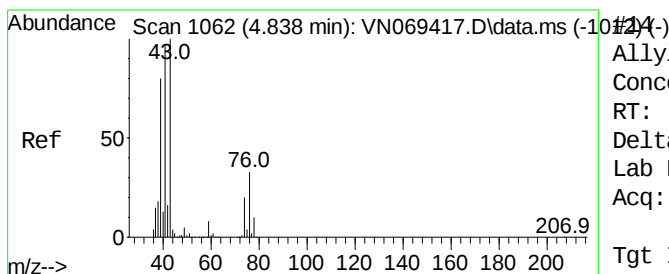
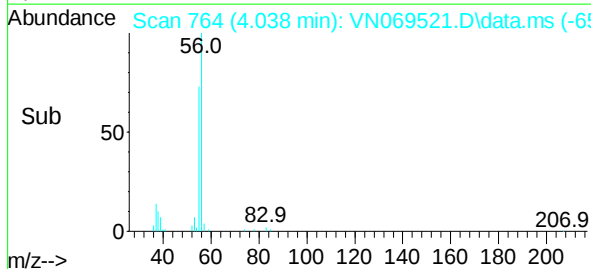
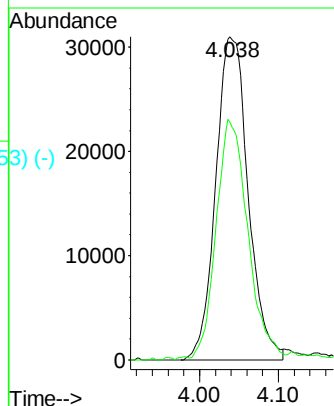
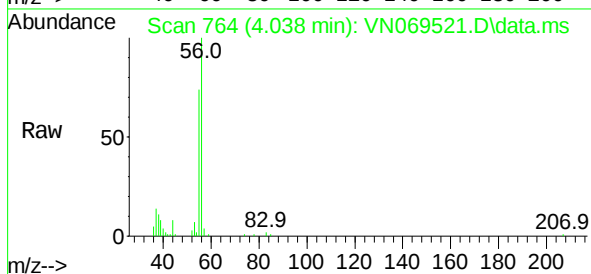
ClientSampleId :

Tgt Ion: 56 Resp: 88573

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



Allyl chloride

Concen: 44.08 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

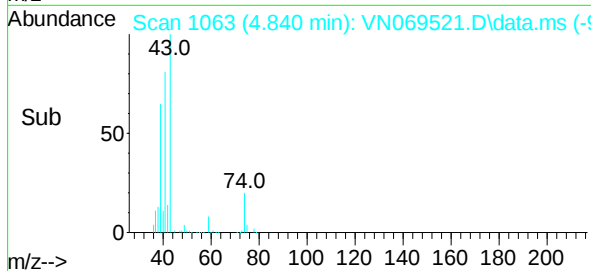
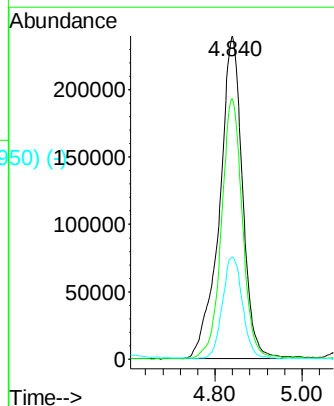
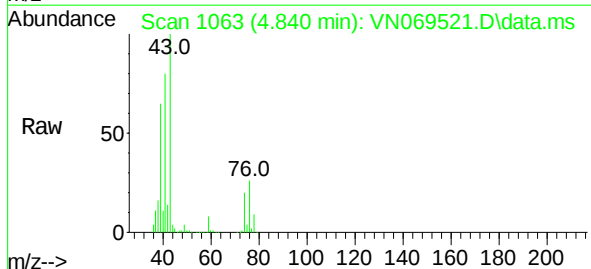
Tgt Ion: 41 Resp: 879548

Ion Ratio Lower Upper

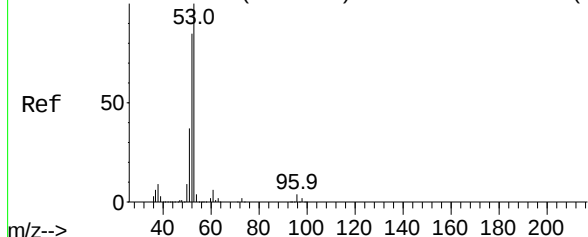
41 100

39 73.1 61.2 91.8

76 27.3 26.0 39.0



Abundance Scan 1329 (5.554 min): VN069417.D\data.ms (-12935)



Acrylonitrile

Concen: 231.05 ug/l

RT: 5.556 min Scan# 1330

Delta R.T. 0.002 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 53 Resp: 1721259

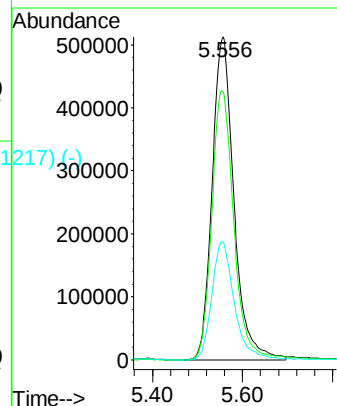
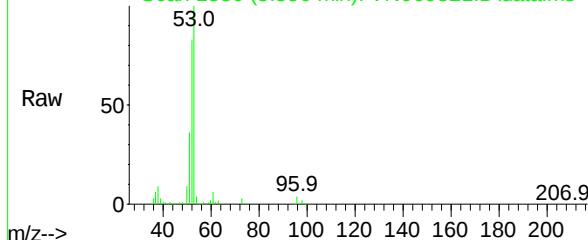
Ion Ratio Lower Upper

53 100

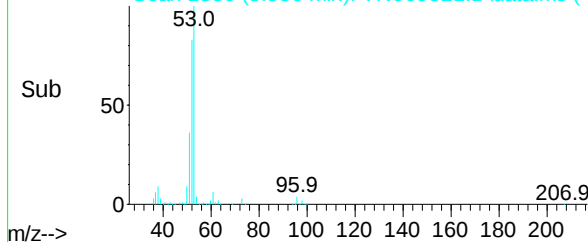
52 83.7 66.2 99.2

51 37.8 29.6 44.4

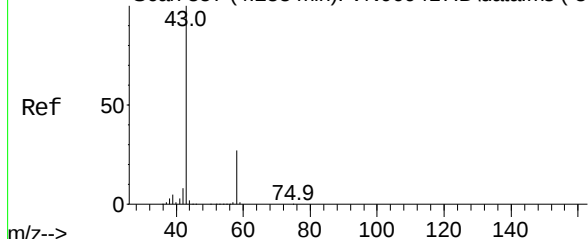
Abundance Scan 1330 (5.556 min): VN069521.D\data.ms



Abundance Scan 1330 (5.556 min): VN069521.D\data.ms (-1217) (-)



Abundance Scan 857 (4.288 min): VN069417.D\data.ms (-833716)



Acetone

Concen: 186.58 ug/l

RT: 4.288 min Scan# 857

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

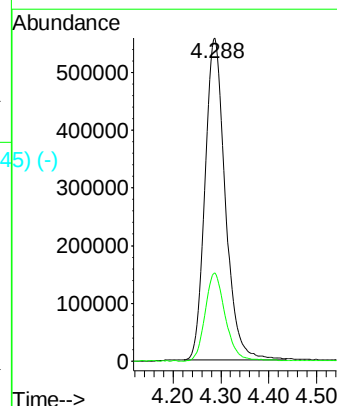
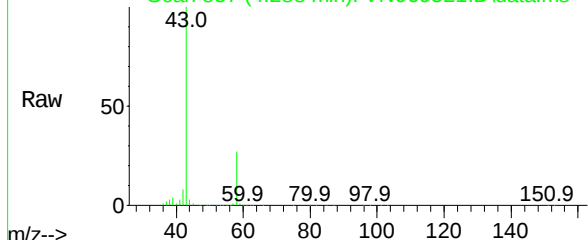
Tgt Ion: 43 Resp: 1625237

Ion Ratio Lower Upper

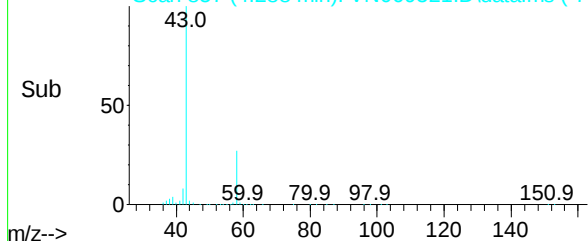
43 100

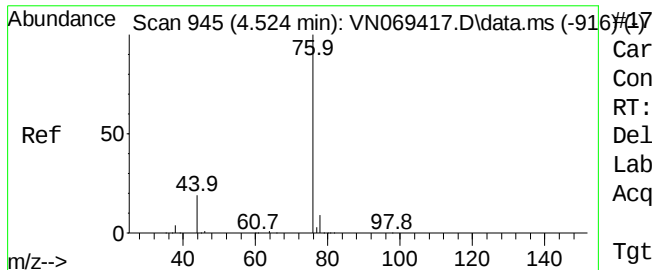
58 27.3 23.1 34.7

Abundance Scan 857 (4.288 min): VN069521.D\data.ms



Abundance Scan 857 (4.288 min): VN069521.D\data.ms (-745) (-)





Carbon Disulfide

Concen: 35.86 ug/l

RT: 4.529 min Scan# 1068

Delta R.T. 0.005 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

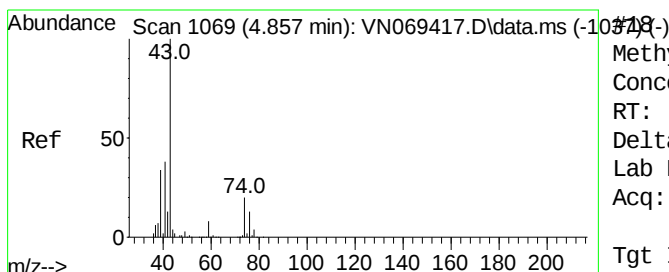
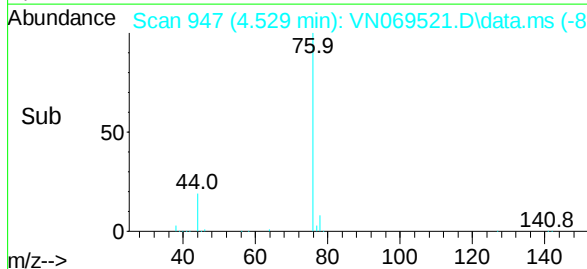
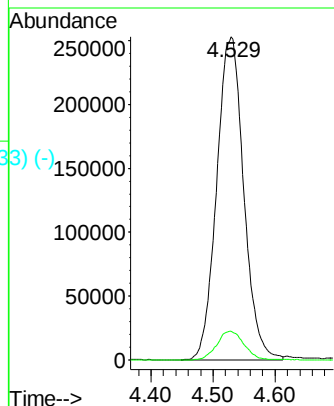
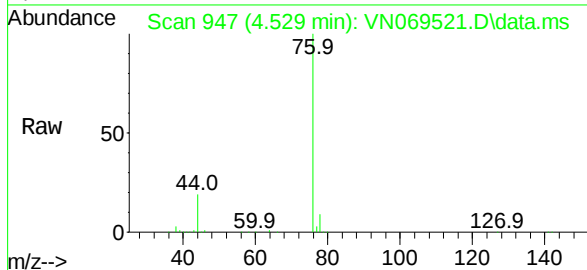
ClientSampleId :

Tgt Ion: 76 Resp: 764864

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Methyl Acetate

Concen: 43.71 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VN069521.D

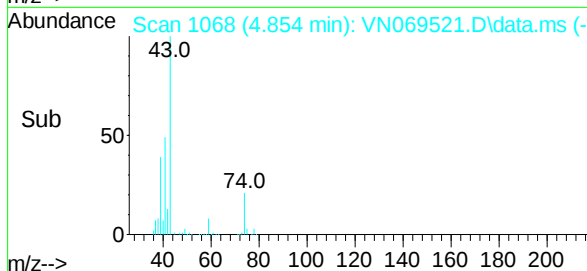
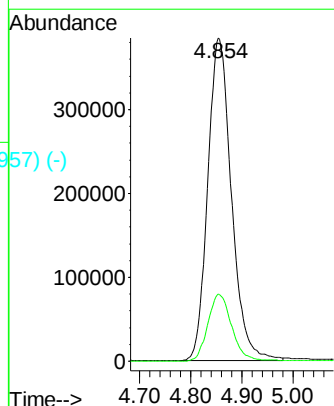
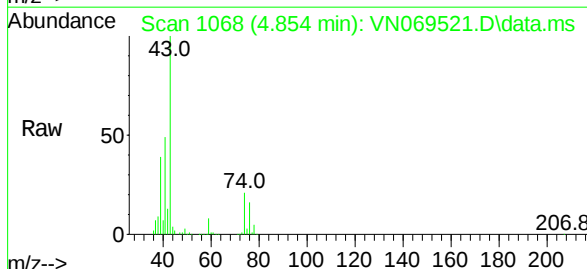
Acq: 16 Nov 2021 20:40

Tgt Ion: 43 Resp: 1237771

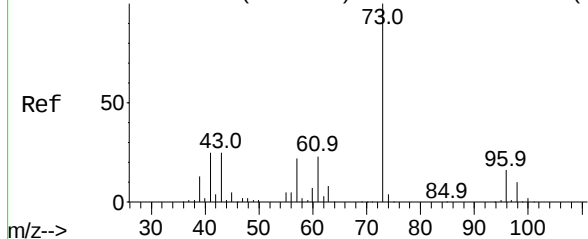
Ion Ratio Lower Upper

43 100

74 20.8 19.4 29.2



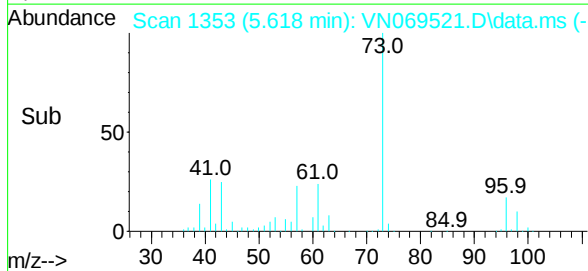
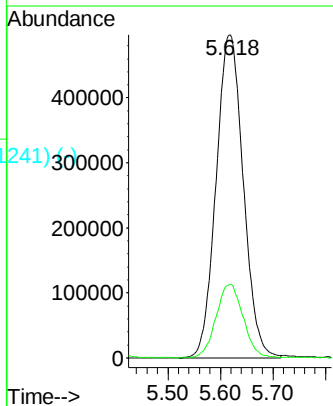
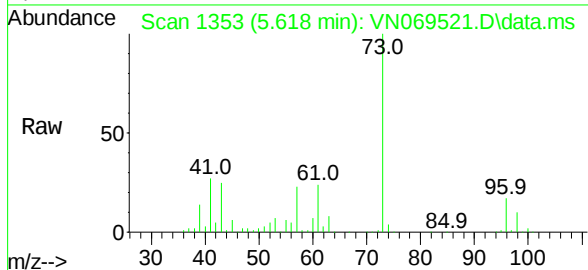
Abundance Scan 1353 (5.618 min): VN069417.D\data.ms (-1319)



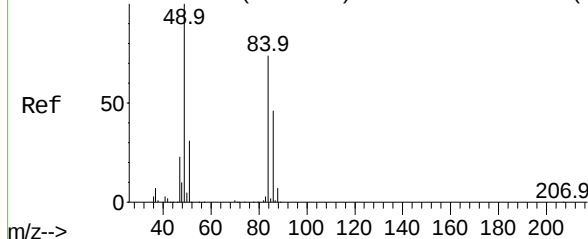
Methyl tert-butyl Ether
Concen: 46.71 ug/l
RT: 5.618 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 1783753
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

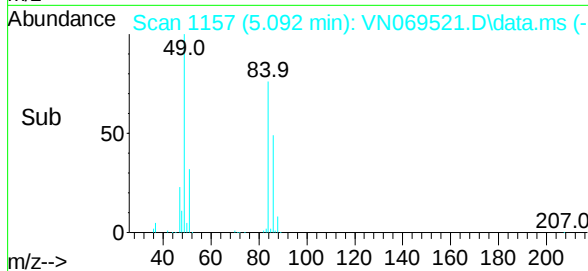
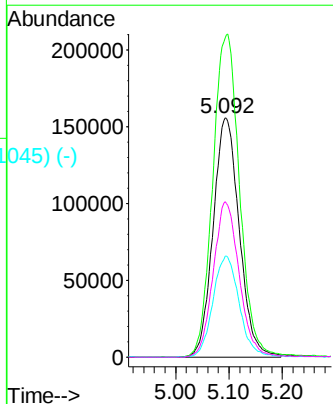
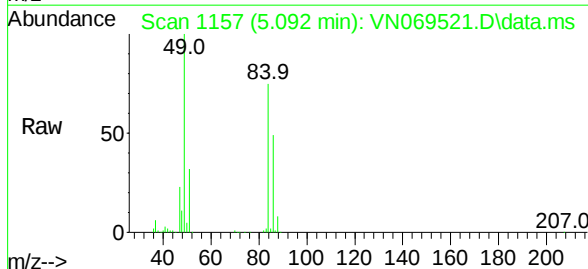


Abundance Scan 1157 (5.092 min): VN069417.D\data.ms (-1120)



Methylene Chloride
Concen: 42.97 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

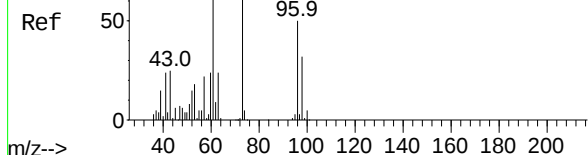
Tgt Ion: 84 Resp: 530705
Ion Ratio Lower Upper
84 100
49 133.1 93.5 140.3
51 41.9 29.4 44.2
86 64.9 53.0 79.4



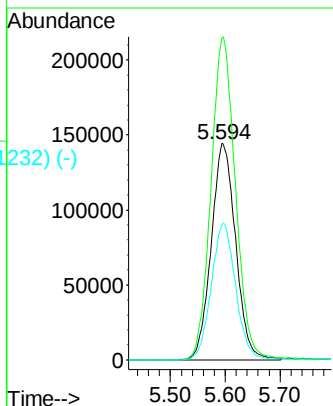
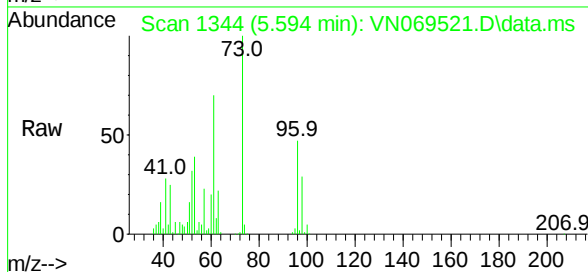
Abundance Scan 1344 (5.594 min): VN069417.D\data.ms (-13121-)

trans-1,2-Dichloroethene
Concen: 44.32 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

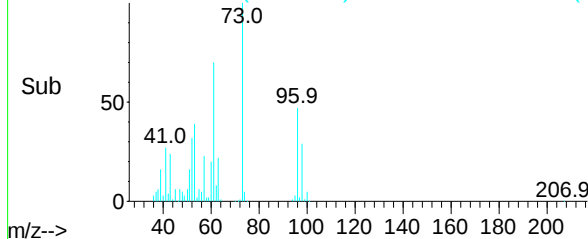
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	96	Resp:	446771
Ion	Ratio	Lower	Upper
96	100		
61	148.7	105.8	158.6
98	62.3	52.0	78.0



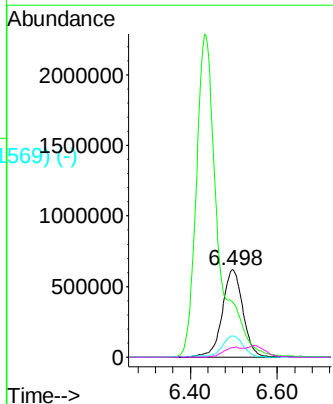
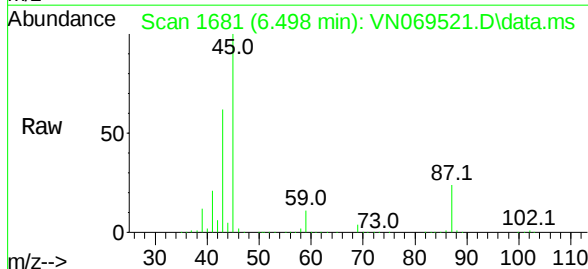
Abundance Scan 1344 (5.594 min): VN069521.D\data.ms (-1232) (-)



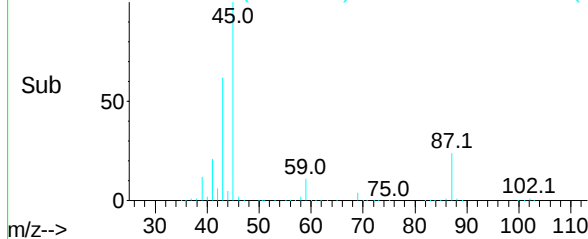
Abundance Scan 1681 (6.498 min): VN069417.D\data.ms (-16321-)

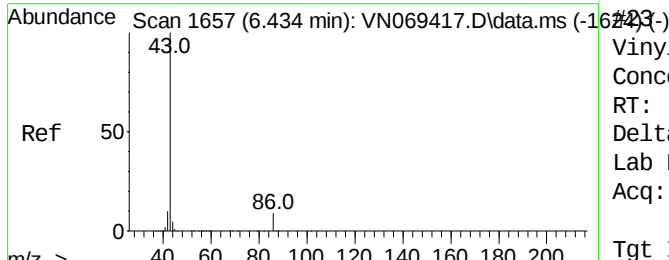
Diisopropyl ether
Concen: 47.53 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:	45	Resp:	2042817
Ion	Ratio	Lower	Upper
45	100		
43	60.7	51.7	77.5
87	24.2	23.2	34.8
59	10.6	9.4	14.0



Abundance Scan 1681 (6.498 min): VN069521.D\data.ms (-1569) (-)

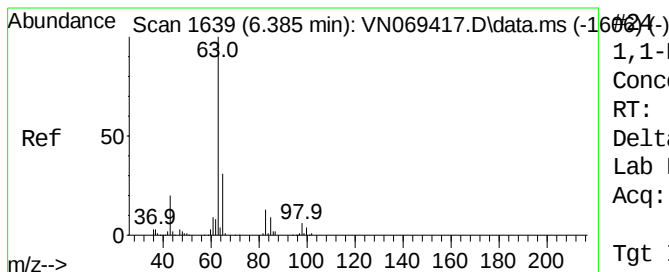
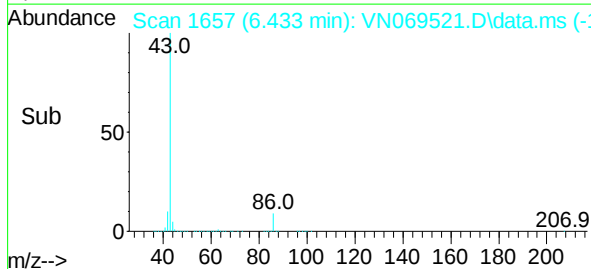
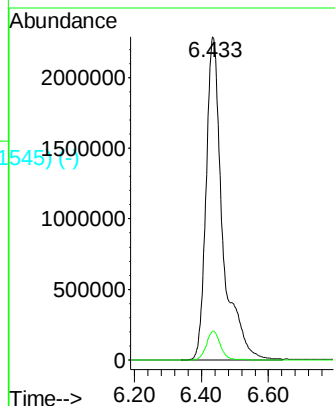
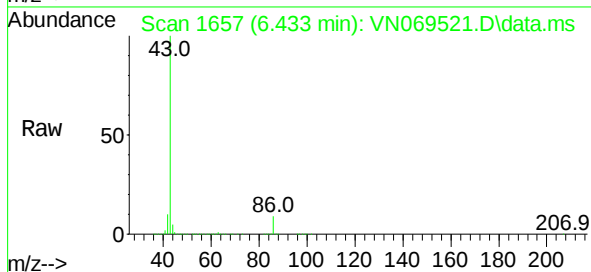




Vinyl Acetate
 Concen: 236.77 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

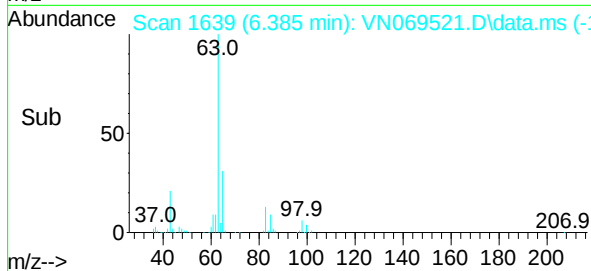
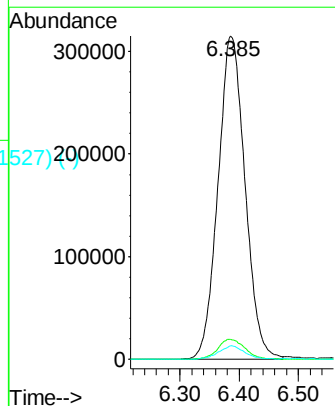
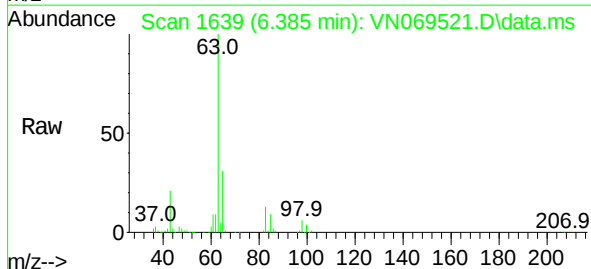
Instrument : MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 7870626
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

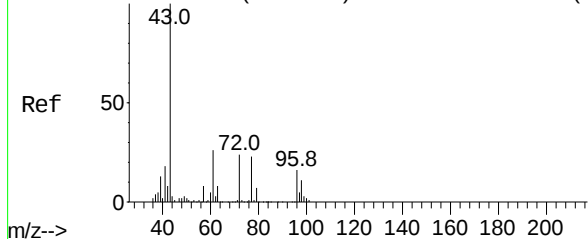


1,1-Dichloroethane
 Concen: 45.69 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

Tgt Ion: 63 Resp: 1000213
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.0 2.1 6.5



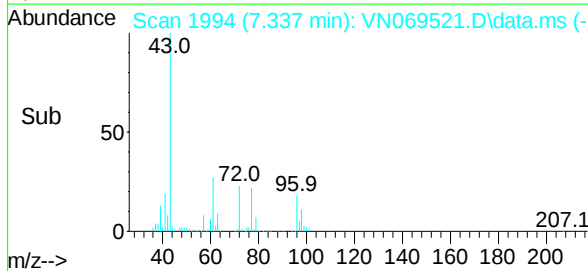
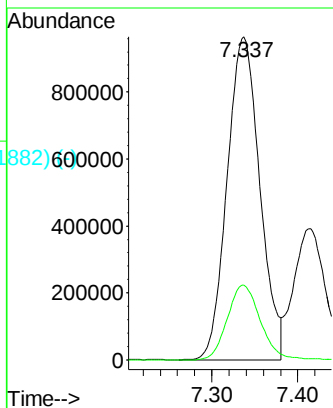
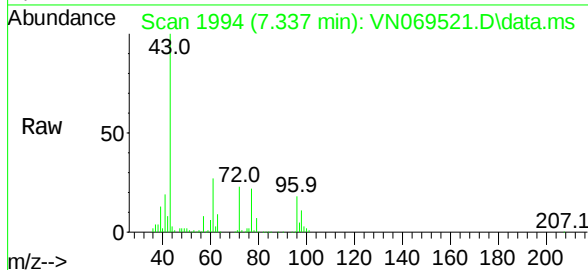
Abundance Scan 1994 (7.337 min): VN069417.D\data.ms (-19625-)



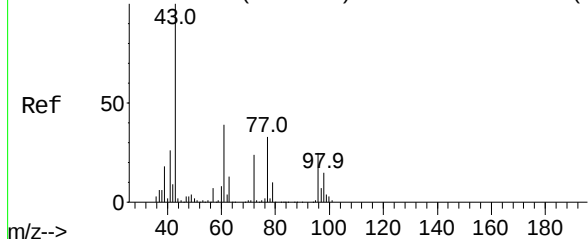
2-Butanone
Concen: 216.24 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2550460
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

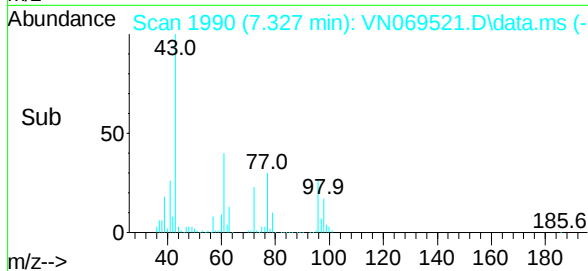
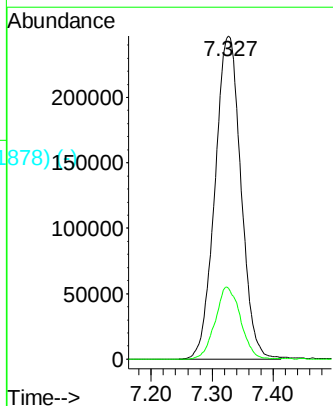
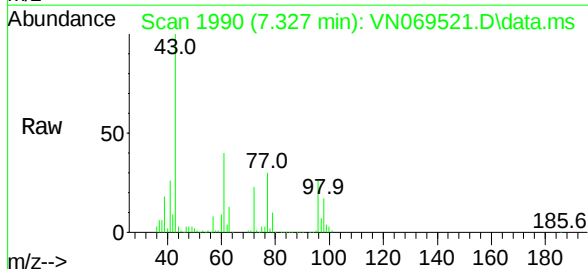


Abundance Scan 1990 (7.327 min): VN069417.D\data.ms (-19526-)



2,2-Dichloropropane
Concen: 42.57 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

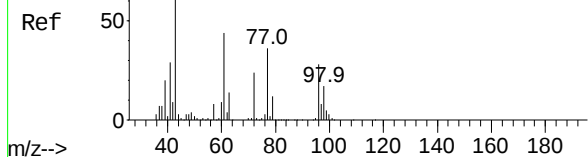
Tgt Ion: 77 Resp: 729183
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8



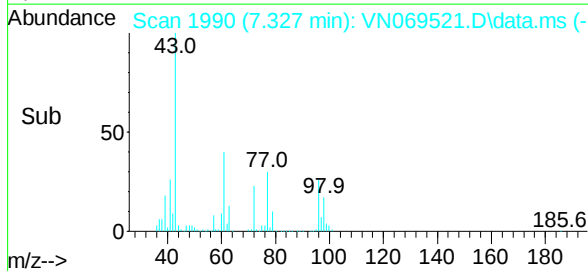
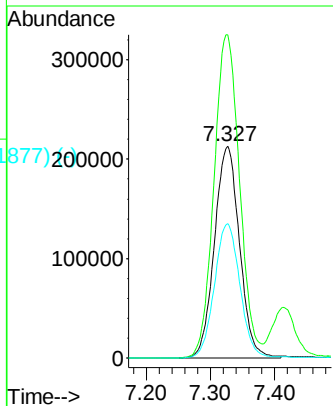
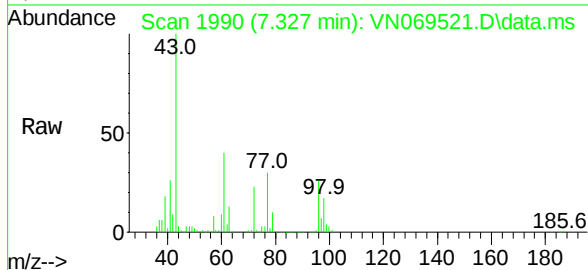
Abundance Scan 1989 (7.324 min): VN069417.D\data.ms (-19627-)

cis-1,2-Dichloroethene
Concen: 46.22 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :



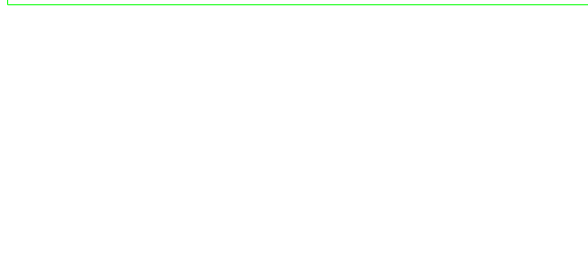
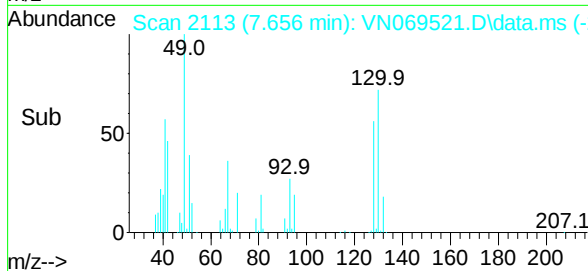
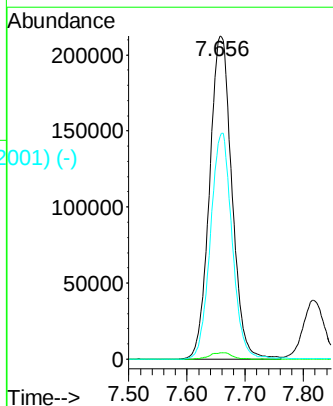
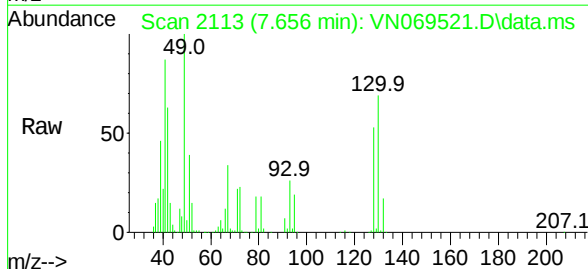
Tgt Ion:	96	Resp:	577486
Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	275.0
98	64.4	0.0	129.6



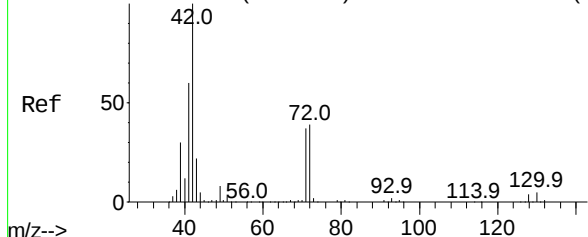
Abundance Scan 2113 (7.657 min): VN069417.D\data.ms (-206428-)

Bromochloromethane
Concen: 50.42 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:	49	Resp:	565280
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	67.5	67.8	101.8#



Abundance Scan 2124 (7.686 min): VN069417.D\data.ms (-2062) (-)



Tetrahydrofuran

Concen: 229.33 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

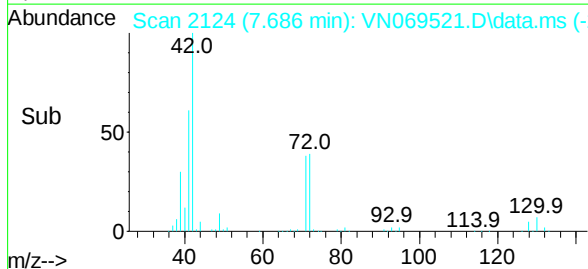
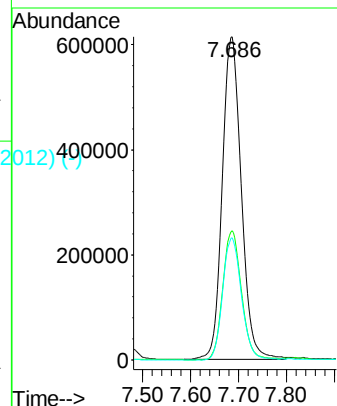
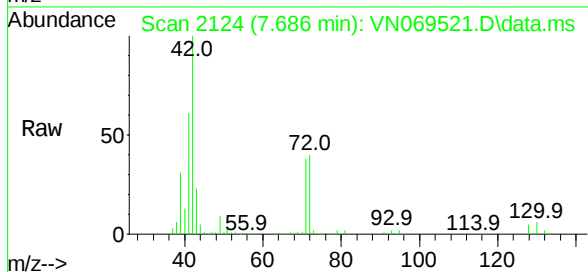
Tgt Ion: 42 Resp: 1659923

Ion Ratio Lower Upper

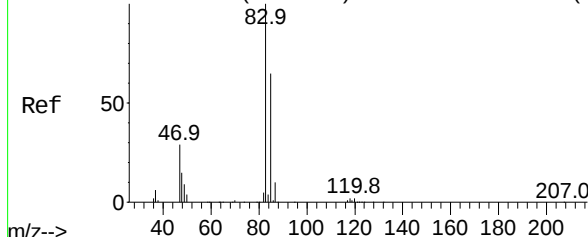
42 100

72 39.1 36.3 54.5

71 37.3 34.7 52.1



Abundance Scan 2174 (7.820 min): VN069417.D\data.ms (-2143) (-)



Chloroform

Concen: 46.59 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069521.D

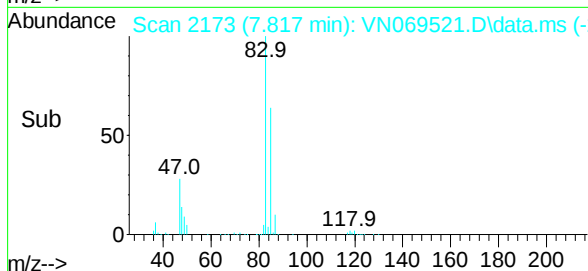
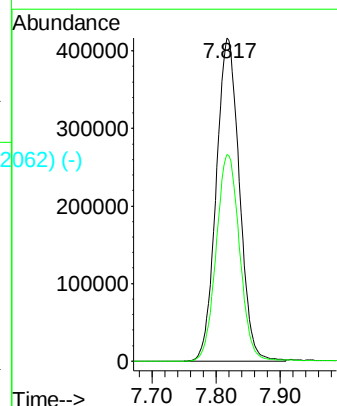
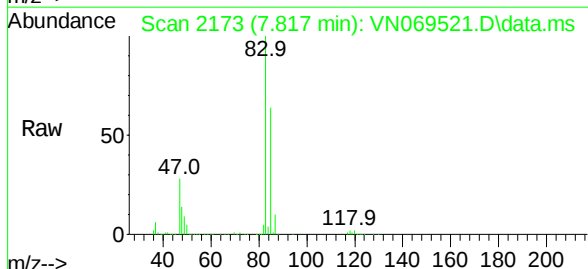
Acq: 16 Nov 2021 20:40

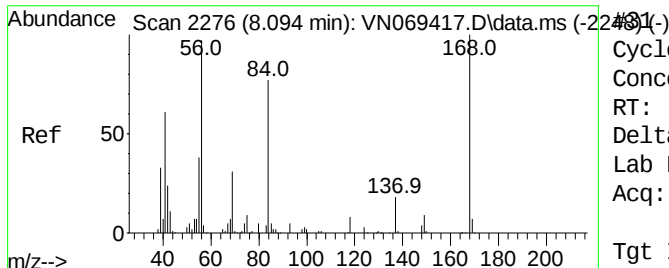
Tgt Ion: 83 Resp: 1045667

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9





Cyclohexane

Concen: 40.11 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

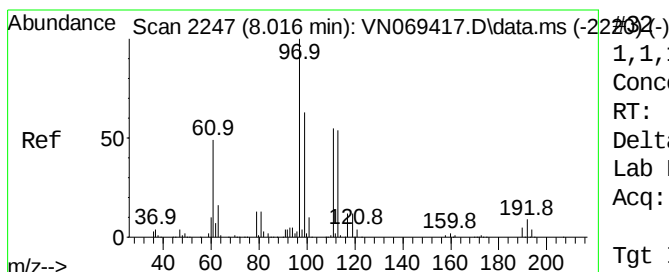
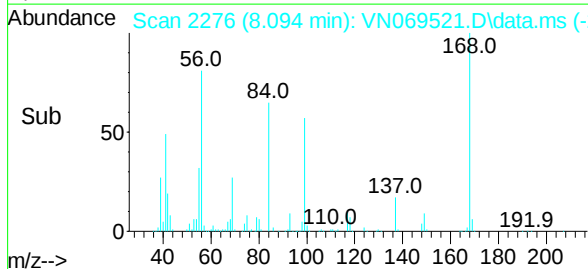
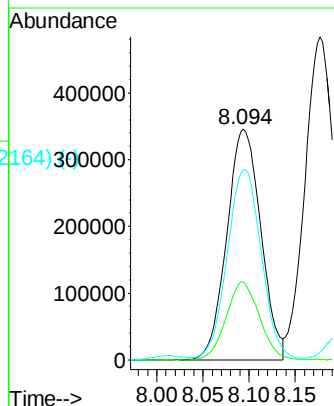
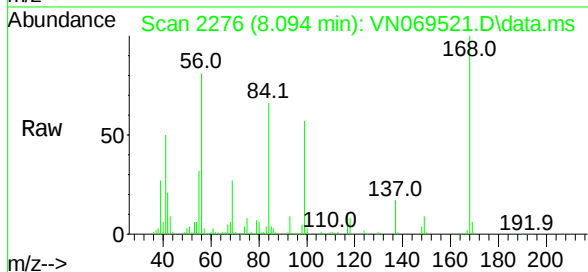
Tgt Ion: 56 Resp: 884592

Ion Ratio Lower Upper

56 100

69 33.8 27.1 40.7

84 81.2 73.4 110.0



1,1,1-Trichloroethane

Concen: 46.07 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

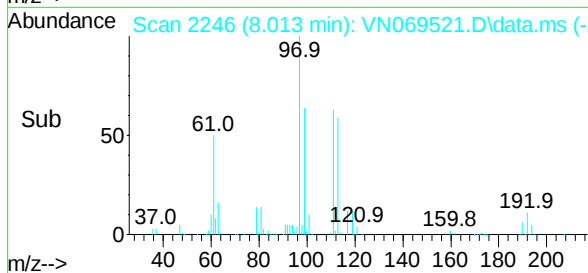
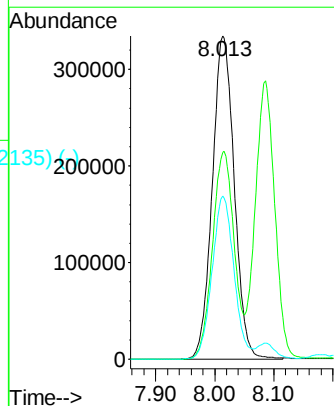
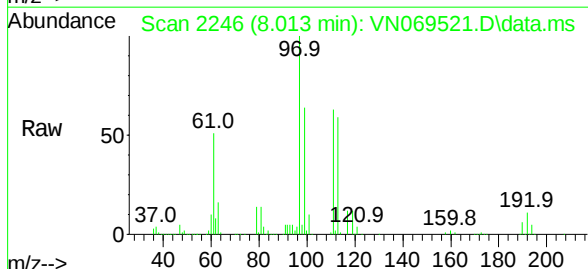
Tgt Ion: 97 Resp: 862994

Ion Ratio Lower Upper

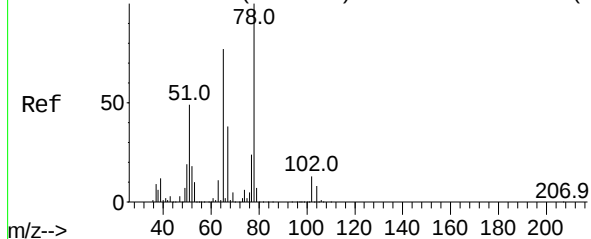
97 100

99 63.7 50.1 75.1

61 50.5 35.2 52.8



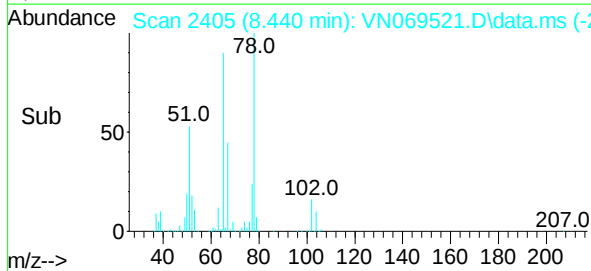
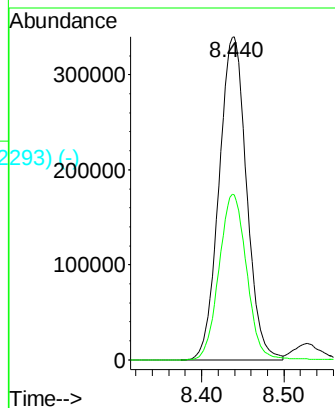
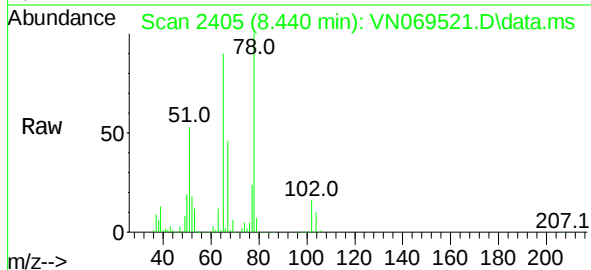
Abundance Scan 2405 (8.440 min): VN069417.D\data.ms (-2363)



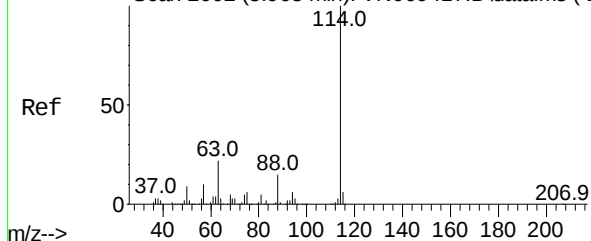
1,2-Dichloroethane-d4
Concen: 48.90 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 789398
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

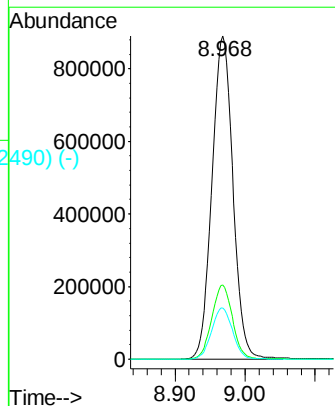
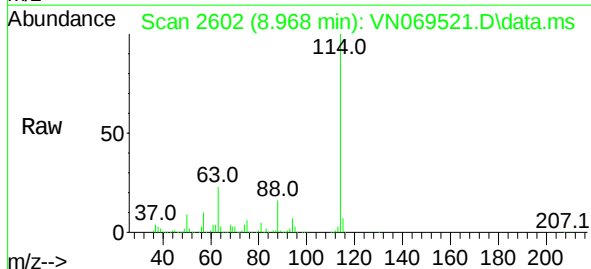


Abundance Scan 2602 (8.968 min): VN069417.D\data.ms (-2579)

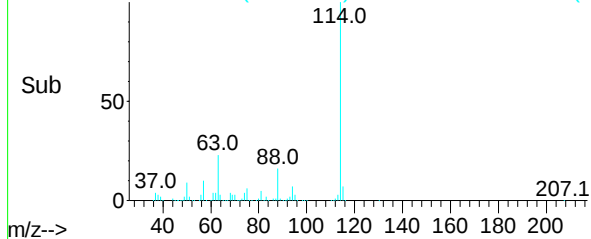


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:114 Resp: 1845326
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 15.8 0.0 27.4



Abundance Scan 2602 (8.968 min): VN069521.D\data.ms (-2490) (-)



Abundance Scan 2249 (8.021 min): VN069417.D\data.ms (-2229) (-)

Dibromofluoromethane

Concen: 50.71 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

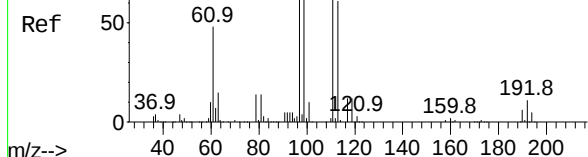
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



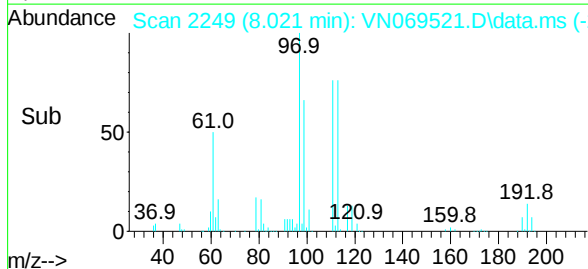
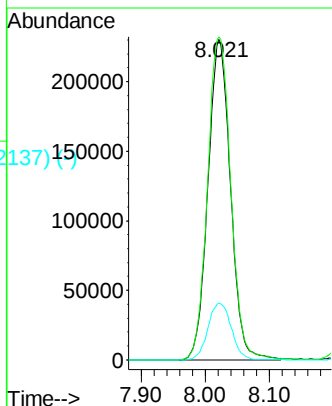
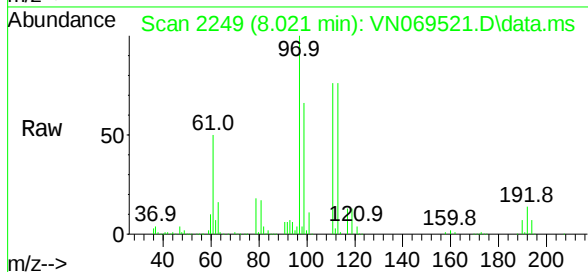
Tgt Ion:113 Resp: 561182

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 18.4 16.9 25.3



Abundance Scan 2324 (8.223 min): VN069417.D\data.ms (-2230) (-)

1,1-Dichloropropene

Concen: 45.50 ug/l

RT: 8.222 min Scan# 2324

Delta R.T. -0.001 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

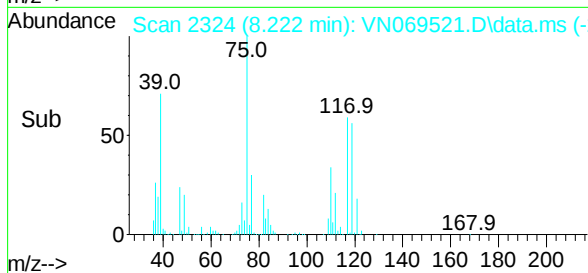
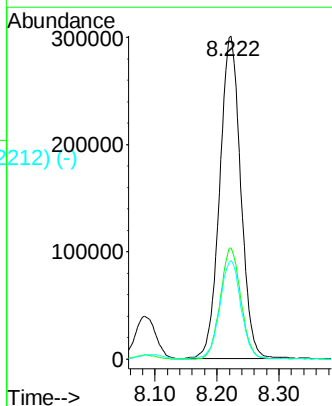
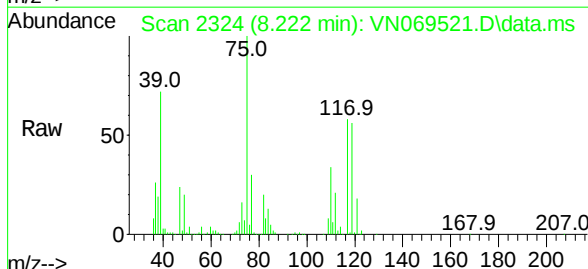
Tgt Ion: 75 Resp: 706459

Ion Ratio Lower Upper

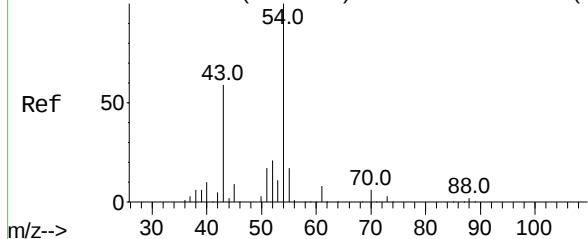
75 100

110 33.8 18.4 55.2

77 30.7 24.4 36.6



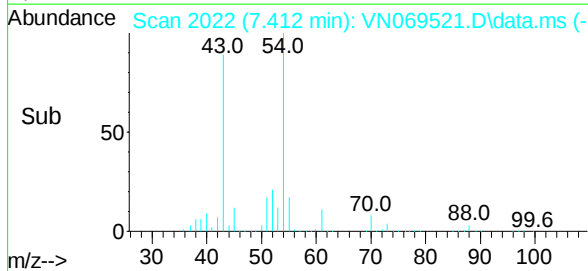
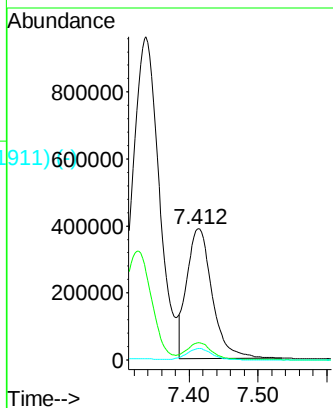
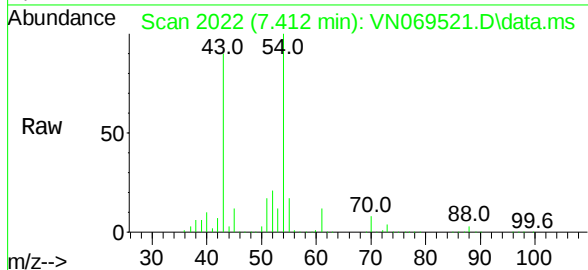
Abundance Scan 2023 (7.415 min): VN069417.D\data.ms (-20127-)



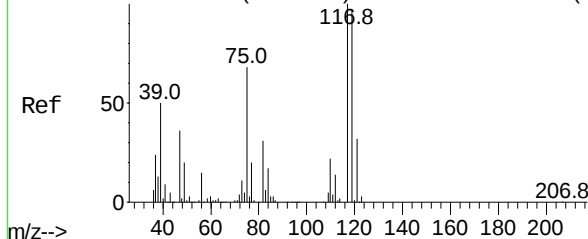
Ethyl Acetate
Concen: 47.46 ug/l
RT: 7.412 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 996097
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.6 7.9 11.9

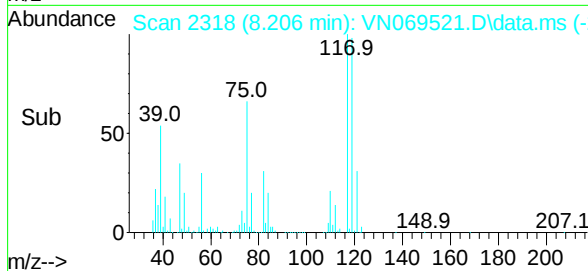
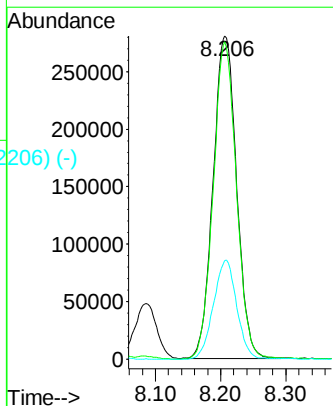
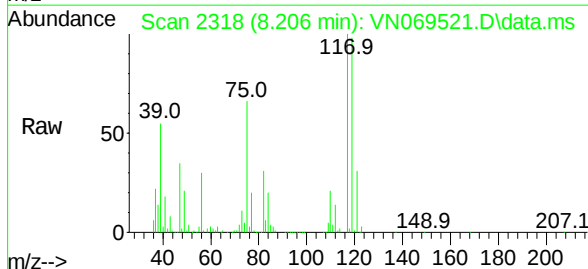


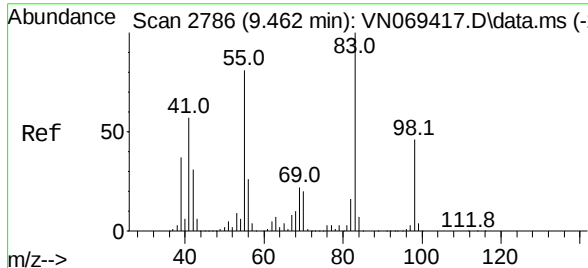
Abundance Scan 2318 (8.206 min): VN069417.D\data.ms (-22948-)



Carbon Tetrachloride
Concen: 46.83 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:117 Resp: 701979
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 30.6 24.2 36.2

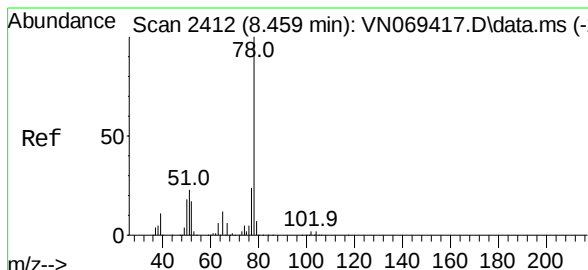
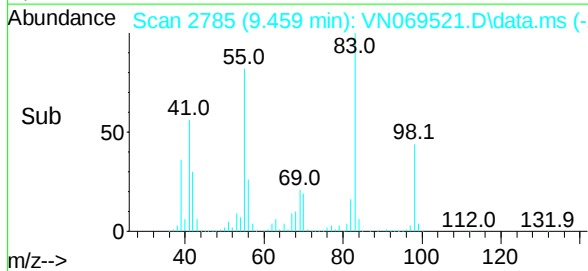
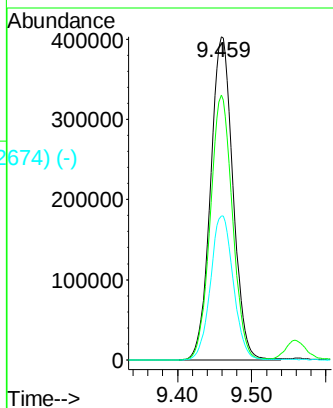
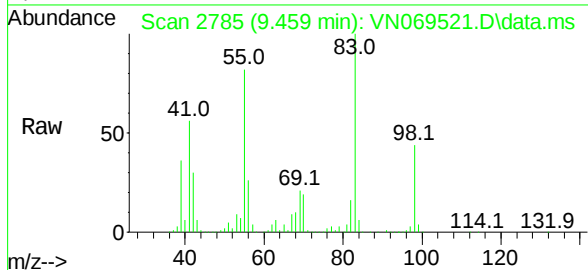




Methylcyclohexane
Concen: 43.75 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

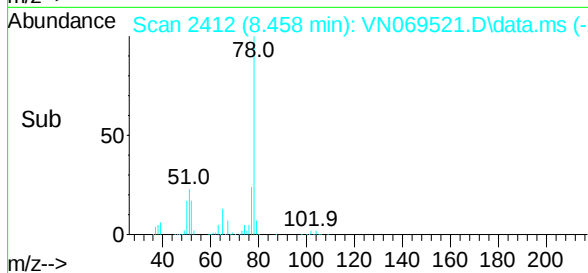
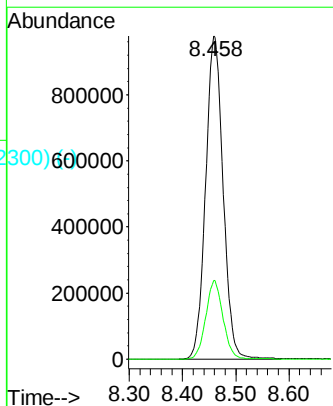
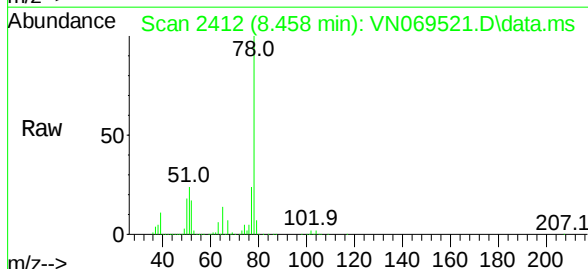
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	83	Resp:	845040
Ion	Ratio	Lower	Upper
83	100		
55	82.0	58.1	87.1
98	44.5	38.4	57.6



Benzene
Concen: 46.44 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:	78	Resp:	2225586
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8



Abundance Scan 2106 (7.638 min): VN069417.D\data.ms (-20781-)

Methacrylonitrile

Concen: 46.28 ug/l

RT: 7.635 min Scan# 2106

Delta R.T. -0.003 min

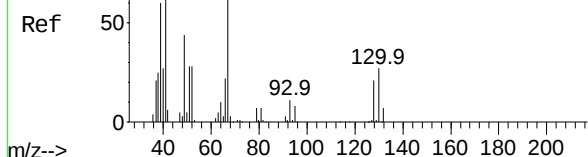
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 501907

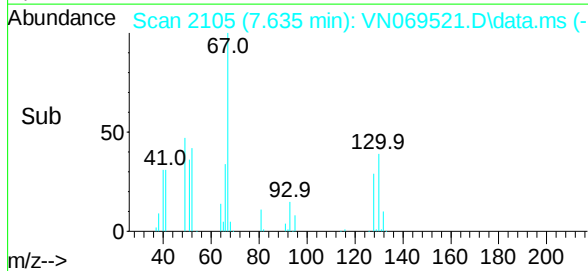
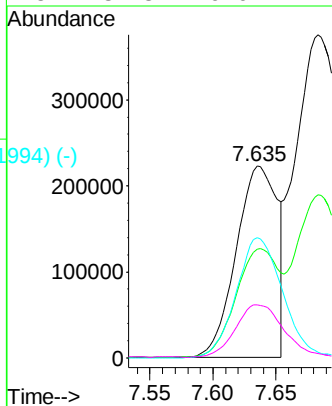
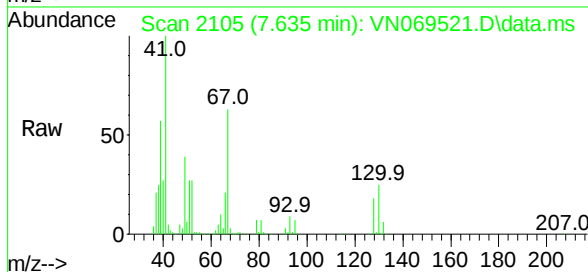
Ion Ratio Lower Upper

41 100

39 60.3 48.1 72.1

67 71.8 68.3 102.5

52 32.8 29.6 44.4



Abundance Scan 2439 (8.531 min): VN069417.D\data.ms (-24742-)

1,2-Dichloroethane

Concen: 47.62 ug/l

RT: 8.528 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VN069521.D

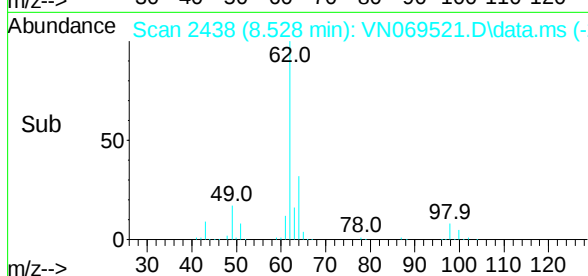
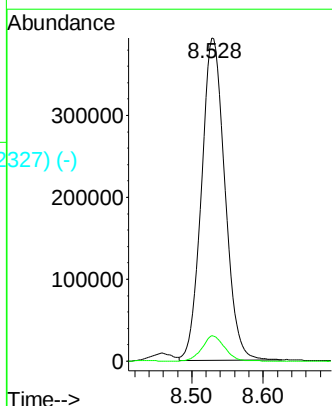
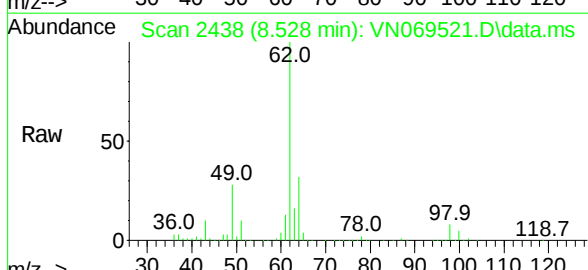
Acq: 16 Nov 2021 20:40

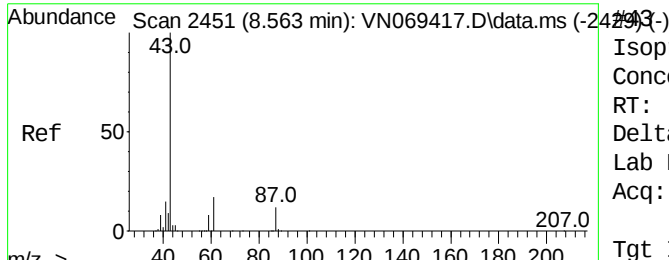
Tgt Ion: 62 Resp: 893728

Ion Ratio Lower Upper

62 100

98 7.6 0.0 17.6





Isopropyl Acetate

Concen: 47.24 ug/l

RT: 8.560 min Scan# 2451

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

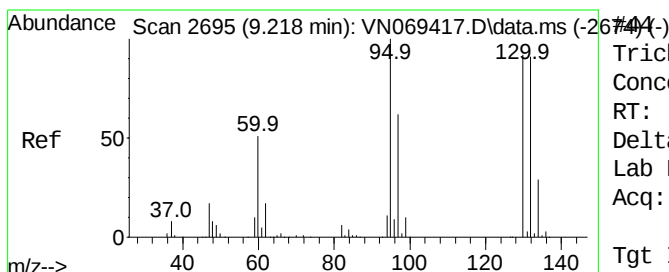
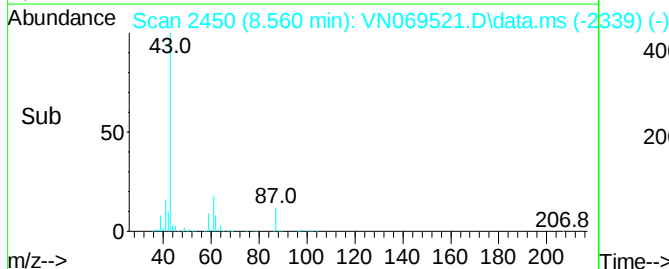
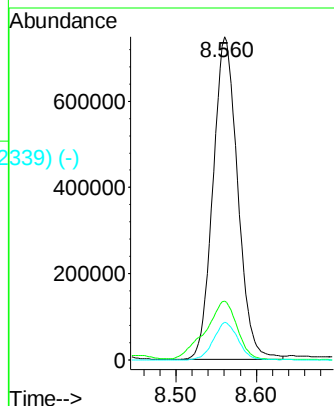
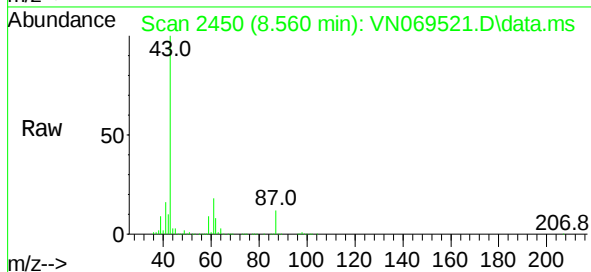
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 1592574

Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.4	30.6
87	11.6	11.2	16.8



Trichloroethene

Concen: 47.20 ug/l

RT: 9.217 min Scan# 2695

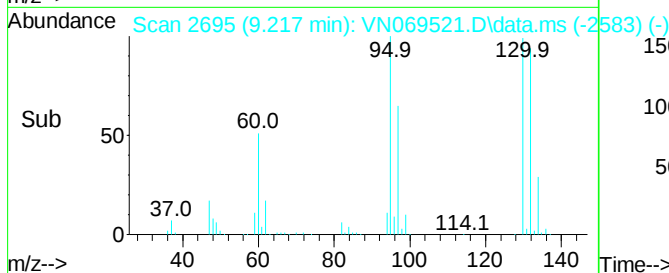
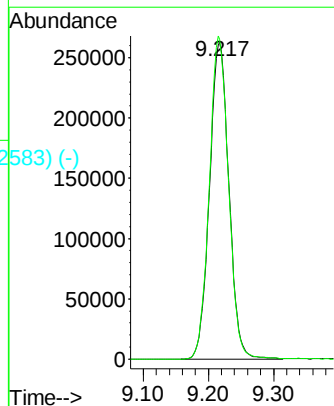
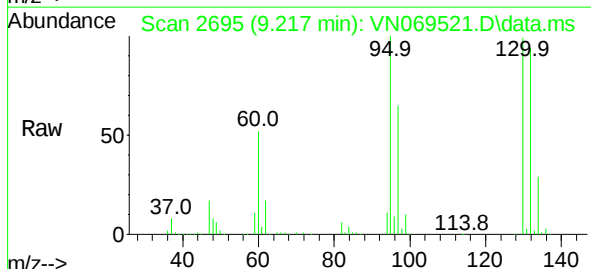
Delta R.T. -0.001 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion:130 Resp: 541380

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	191.2



Abundance Scan 2797 (9.491 min): VN069417.D\data.ms (-2765) (-)

1,2-Dichloropropane

Concen: 48.61 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

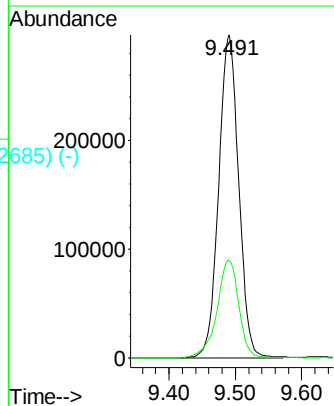
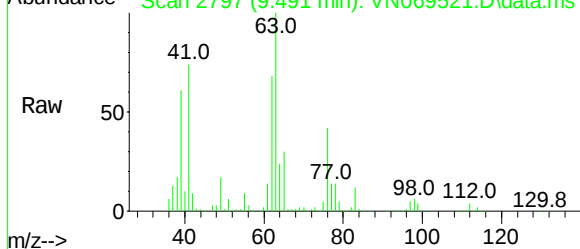
Tgt Ion: 63 Resp: 622423

Ion Ratio Lower Upper

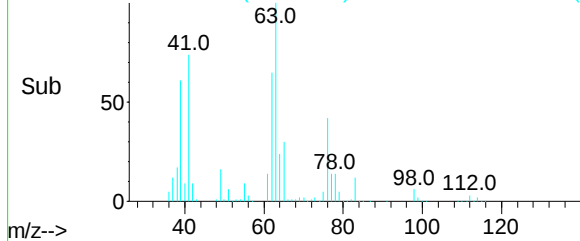
63 100

65 30.1 24.7 37.1

Abundance Scan 2797 (9.491 min): VN069521.D\data.ms



Abundance Scan 2797 (9.491 min): VN069521.D\data.ms (-2685) (-)



Abundance Scan 2829 (9.577 min): VN069417.D\data.ms (-2809) (-)

Dibromomethane

Concen: 46.68 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion: 93 Resp: 400397

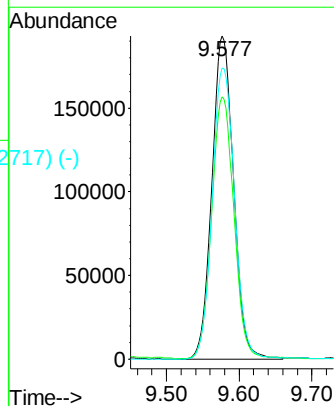
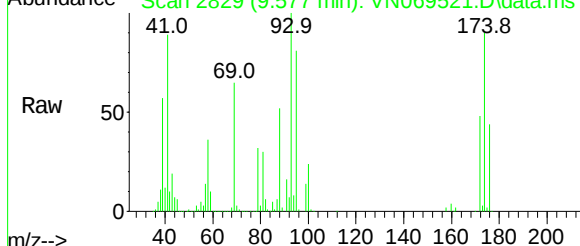
Ion Ratio Lower Upper

93 100

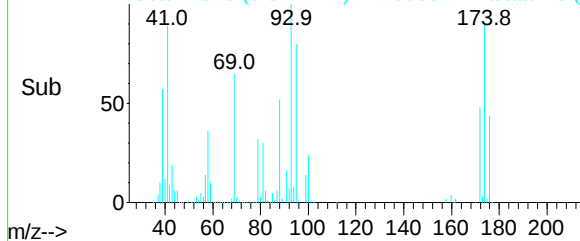
95 83.0 65.9 98.9

174 92.7 84.6 127.0

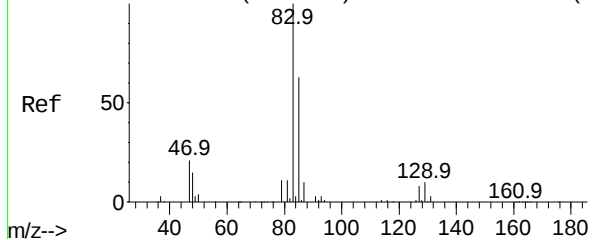
Abundance Scan 2829 (9.577 min): VN069521.D\data.ms



Abundance Scan 2829 (9.577 min): VN069521.D\data.ms (-2717) (-)

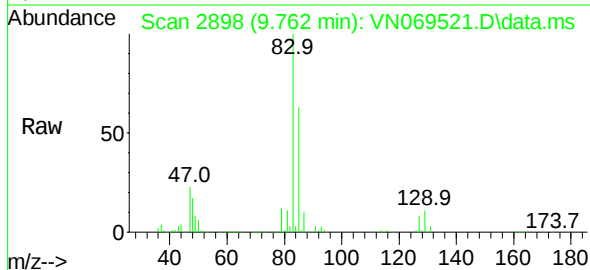


Abundance Scan 2898 (9.762 min): VN069417.D\data.ms (-2878) (-)

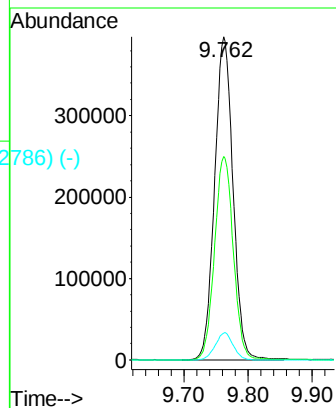


Bromodichloromethane
Concen: 49.15 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

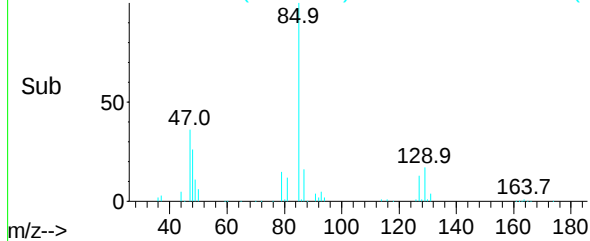
Instrument :
MSVOA_N
ClientSampleId :



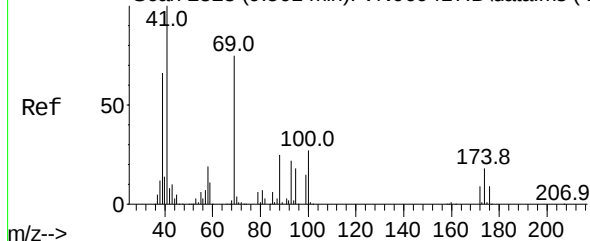
Tgt Ion:	83	Resp:	786710
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.9	76.3
127	8.3	7.1	10.7



Abundance Scan 2898 (9.762 min): VN069521.D\data.ms (-2786) (-)

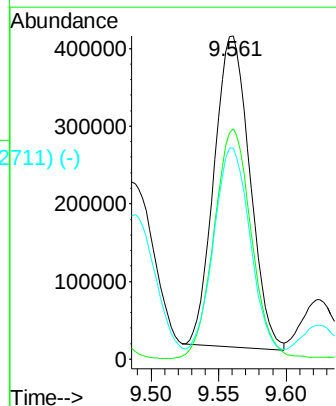
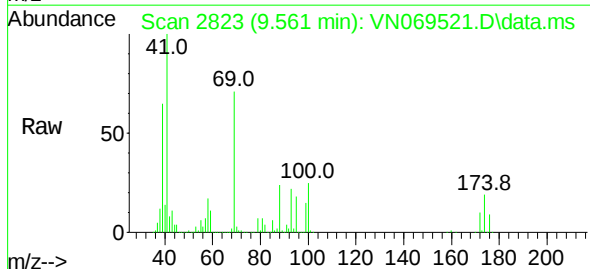


Abundance Scan 2823 (9.561 min): VN069417.D\data.ms (-2810) (-)

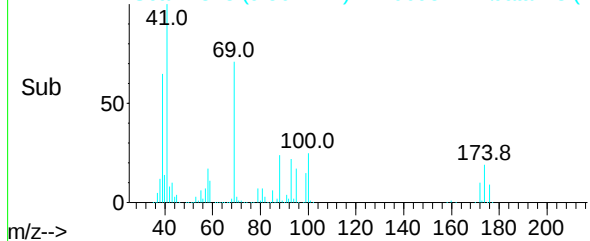


Methyl methacrylate
Concen: 46.40 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

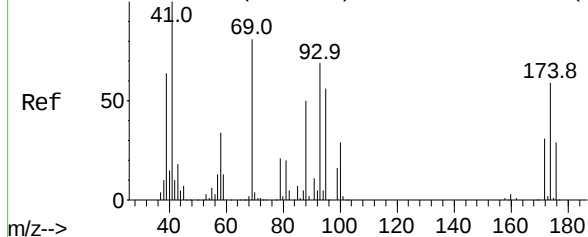
Tgt Ion:	41	Resp:	735904
Ion	Ratio	Lower	Upper
41	100		
69	77.3	72.4	108.6
39	71.0	58.4	87.6



Abundance Scan 2823 (9.561 min): VN069521.D\data.ms (-2711) (-)



Abundance Scan 2827 (9.572 min): VN069417.D\data.ms (-28079) (-)



1,4-Dioxane

Concen: 814.36 ug/l

RT: 9.569 min Scan#

Delta R.T. -0.003 min

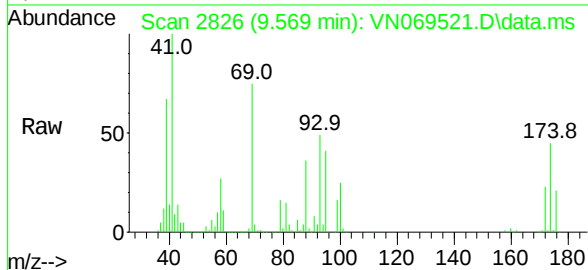
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



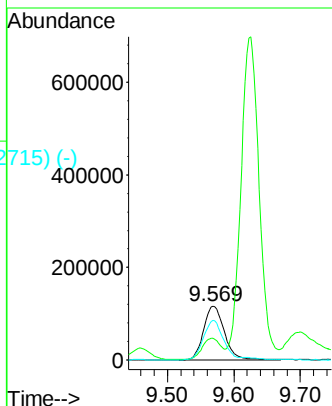
Tgt Ion: 88 Resp: 253615

Ion Ratio Lower Upper

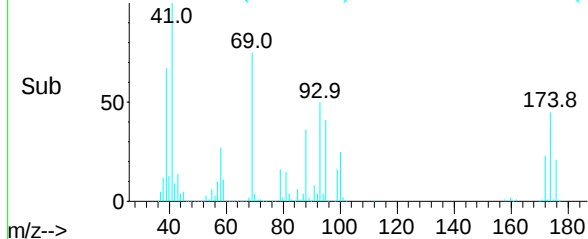
88 100

43 35.7 23.4 35.2#

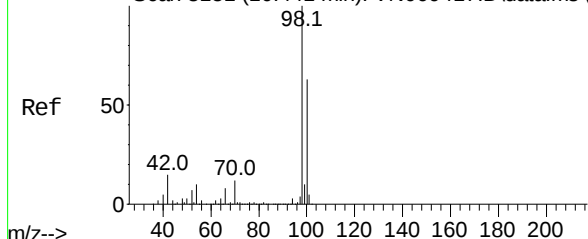
58 70.4 50.6 75.8



Abundance Scan 2826 (9.569 min): VN069521.D\data.ms (-2715) (-)



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



Toluene-d8

Concen: 49.81 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069521.D

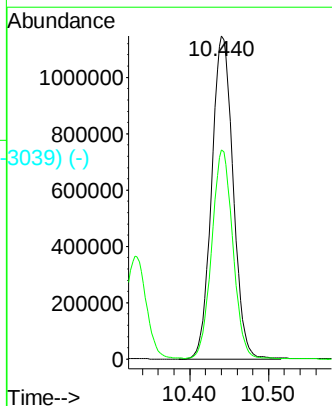
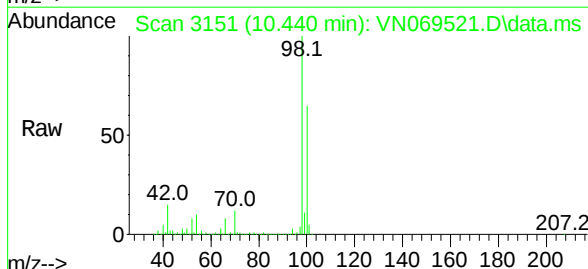
Acq: 16 Nov 2021 20:40

Tgt Ion: 98 Resp: 2168330

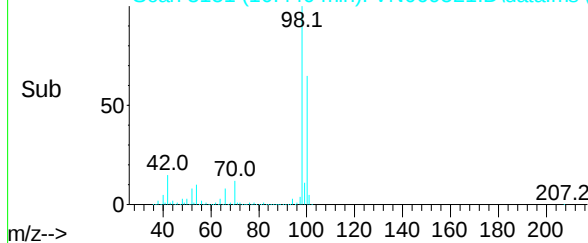
Ion Ratio Lower Upper

98 100

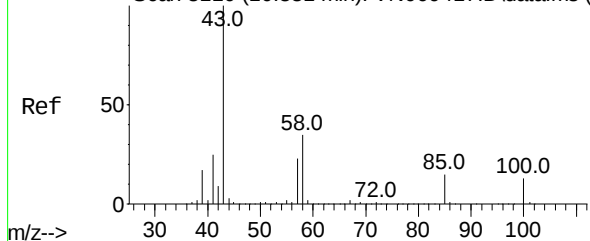
100 63.7 50.4 75.6



Abundance Scan 3151 (10.440 min): VN069521.D\data.ms (-3039) (-)



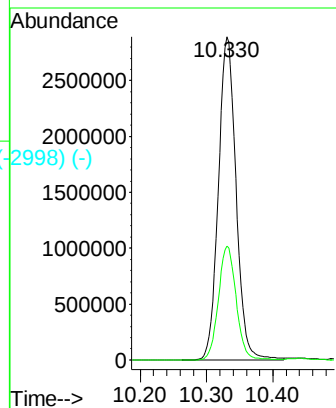
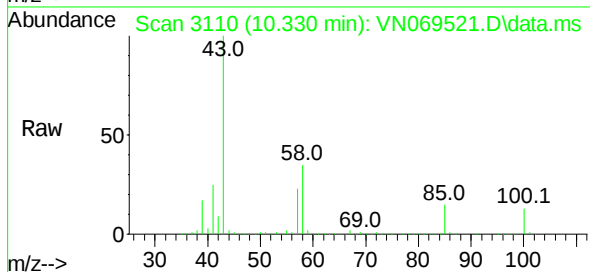
Abundance Scan 3110 (10.331 min): VN069417.D\data.ms (-3059) (-)



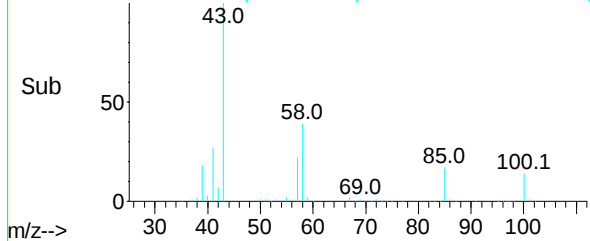
4-Methyl-2-Pentanone
Concen: 245.31 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

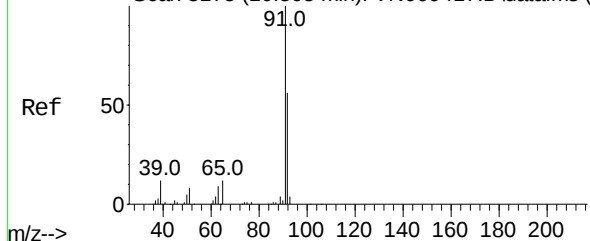
Tgt Ion: 43 Resp: 5338267
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6



Abundance Scan 3110 (10.330 min): VN069521.D\data.ms (-2998) (-)

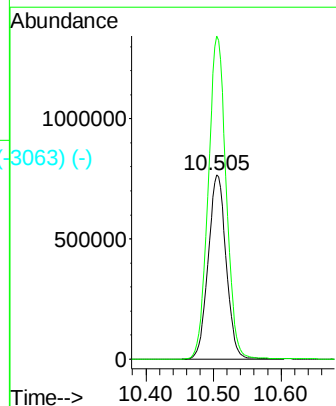
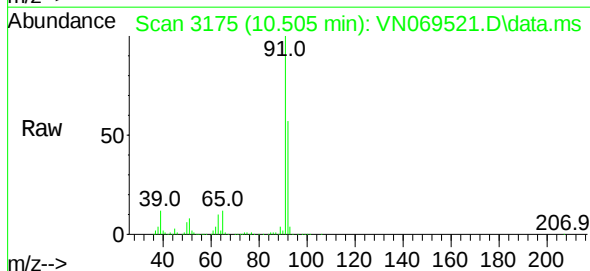


Abundance Scan 3175 (10.505 min): VN069417.D\data.ms (-3152) (-)

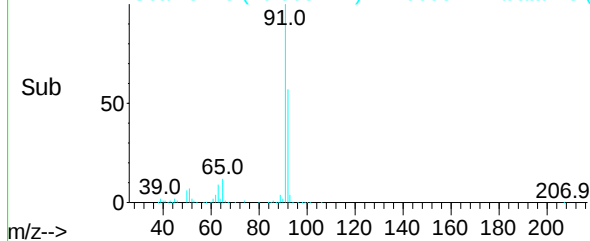


Toluene
Concen: 47.14 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 92 Resp: 1407581
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0



Abundance Scan 3175 (10.505 min): VN069521.D\data.ms (-3063) (-)



Abundance Scan 3255 (10.719 min): VN069417.D\data.ms (-3255) (-)

t-1,3-Dichloropropene

Concen: 41.58 ug/l

RT: 10.719 min Scan# 3255

Delta R.T. 0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75 Resp: 809072

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4

Abundance Scan 3255 (10.719 min): VN069521.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 3255 (10.719 min): VN069521.D\data.ms (-3143) (-)

Ref

Raw

Sub

m/z-->

Abundance

10.719

400000

300000

200000

100000

0

Time-->

Abundance Scan 3057 (10.188 min): VN069417.D\data.ms (-3057) (-)

cis-1,3-Dichloropropene

Concen: 43.22 ug/l

RT: 10.191 min Scan# 3058

Delta R.T. 0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion: 75 Resp: 891184

Ion Ratio Lower Upper

75 100

77 30.3 26.4 39.6

39 63.0 42.5 63.7

Abundance Scan 3058 (10.191 min): VN069521.D\data.ms

Ref

Raw

Sub

m/z-->

Abundance Scan 3058 (10.191 min): VN069521.D\data.ms (-2945) (-)

Ref

Raw

Sub

m/z-->

Abundance

10.191

400000

300000

200000

100000

0

Time-->

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

1,1,2-Trichloroethane

Concen: 49.33 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. -0.000 min

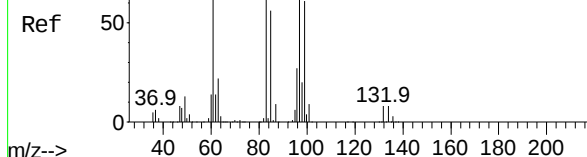
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 593702

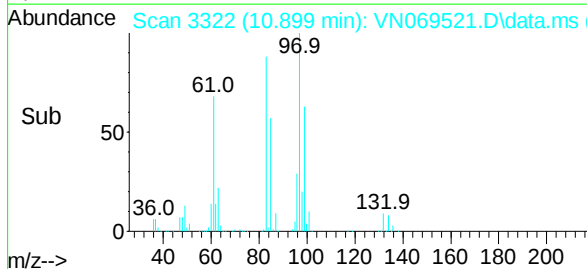
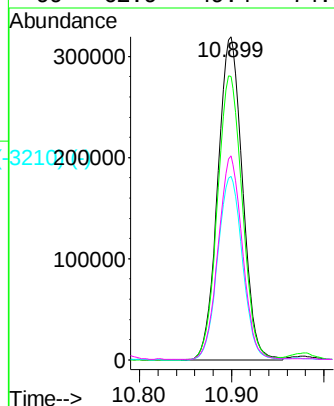
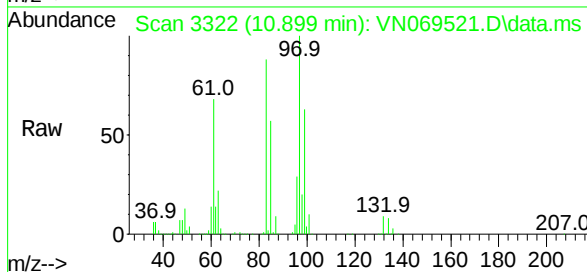
Ion Ratio Lower Upper

97 100

83 87.8 67.8 101.6

85 56.8 45.4 68.2

99 62.9 49.4 74.0



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

Ethyl methacrylate

Concen: 43.36 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

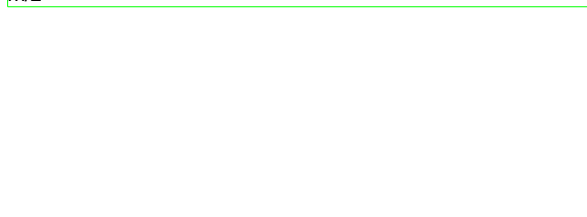
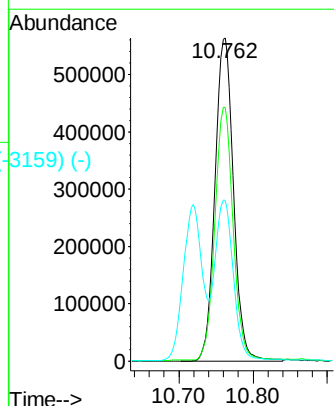
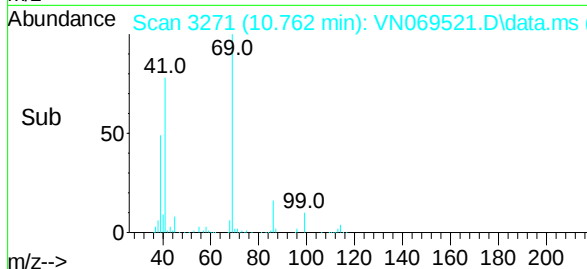
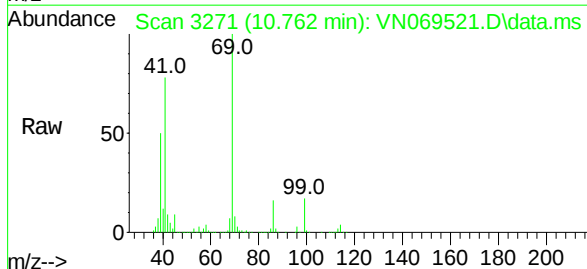
Tgt Ion: 69 Resp: 976980

Ion Ratio Lower Upper

69 100

41 77.0 51.4 77.0

39 48.8 34.6 52.0



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

1,3-Dichloropropane

Concen: 48.59 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

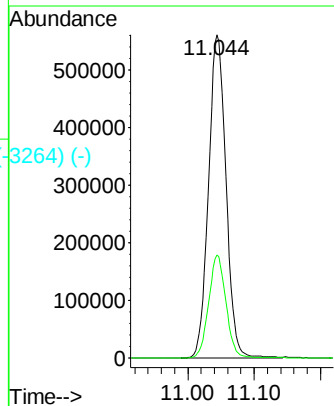
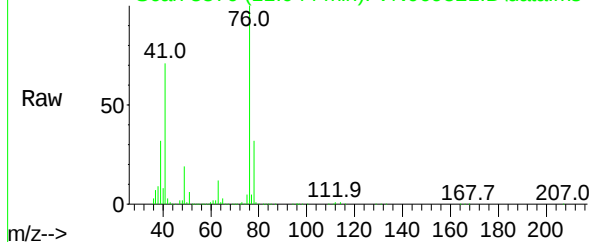
Tgt Ion: 76 Resp: 1027597

Ion Ratio Lower Upper

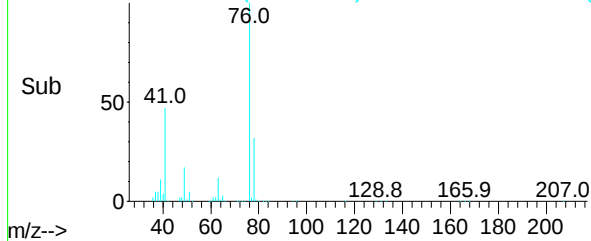
76 100

78 31.4 25.7 38.5

Abundance Scan 3376 (11.044 min): VN069521.D\data.ms



Abundance Scan 3376 (11.044 min): VN069521.D\data.ms (-3264) (-)



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

2-Chloroethyl Vinyl ether

Concen: 201.45 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

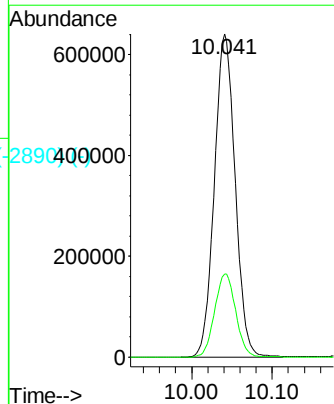
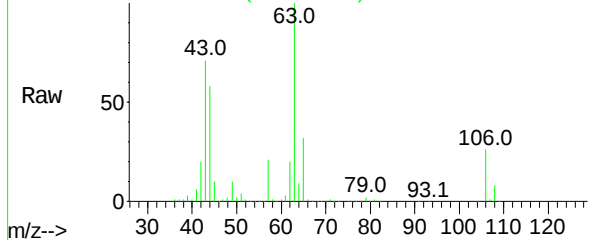
Tgt Ion: 63 Resp: 1146501

Ion Ratio Lower Upper

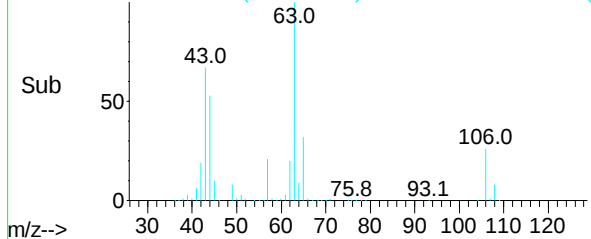
63 100

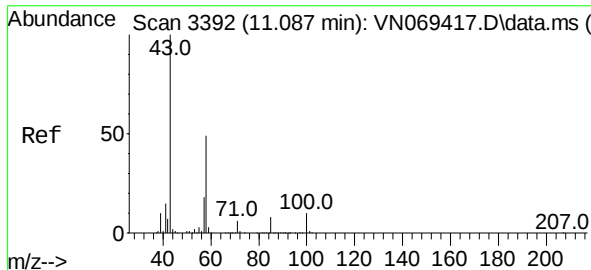
106 26.1 23.9 35.9

Abundance Scan 3002 (10.041 min): VN069521.D\data.ms



Abundance Scan 3002 (10.041 min): VN069521.D\data.ms (-2890) (-)

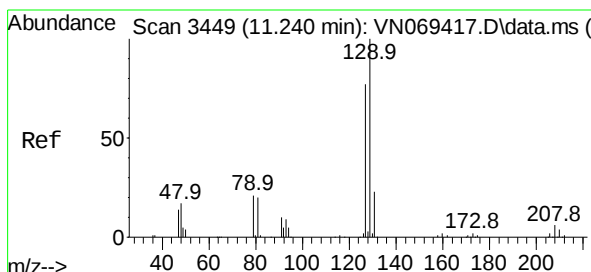
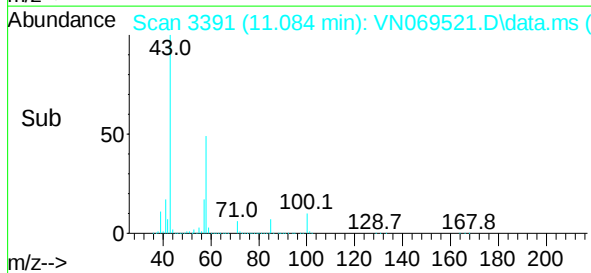
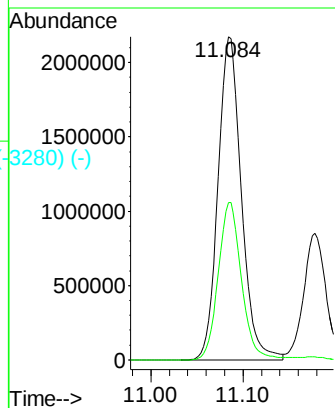
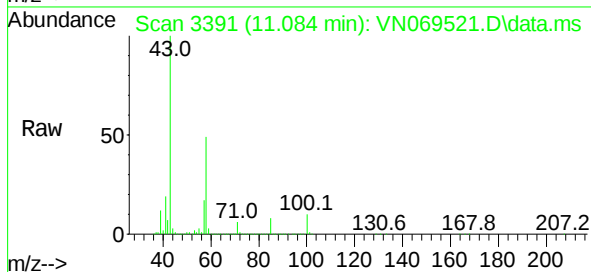




2-Hexanone
Concen: 208.86 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

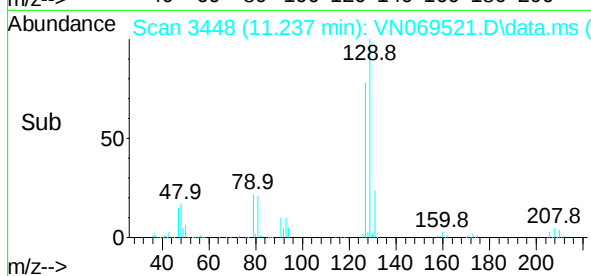
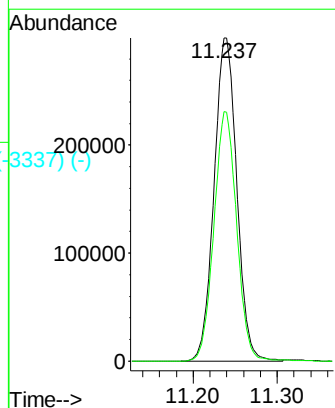
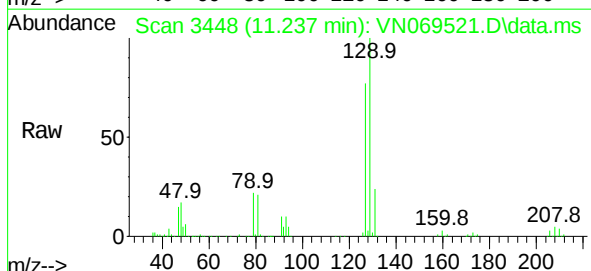
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3812731
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7



Dibromochloromethane
Concen: 43.04 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:129 Resp: 563911
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0



Abundance Scan 3489 (11.347 min): VN069417.D\data.ms (-3469) (-)

1,2-Dibromoethane

Concen: 44.86 ug/l

RT: 11.344 min Scan#

Delta R.T. -0.003 min

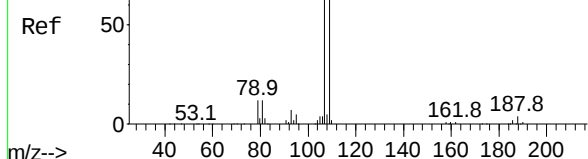
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

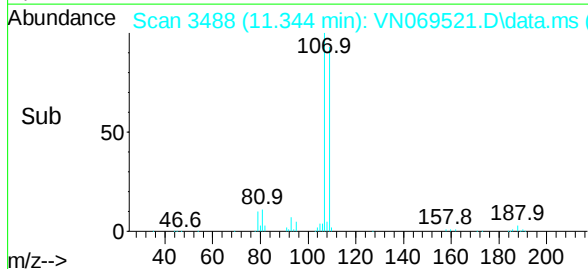
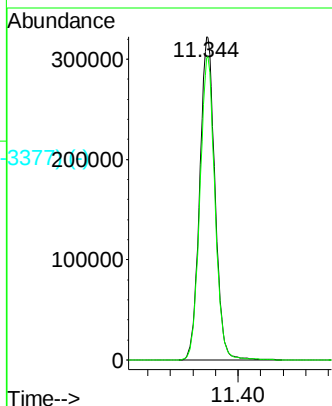
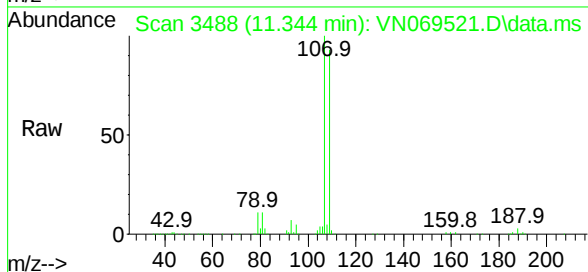


Tgt Ion:107 Resp: 601189

Ion Ratio Lower Upper

107 100

109 92.5 75.7 113.5



Abundance Scan 4006 (12.734 min): VN069417.D\data.ms (-3962) (-)

4-Bromofluorobenzene

Concen: 49.46 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

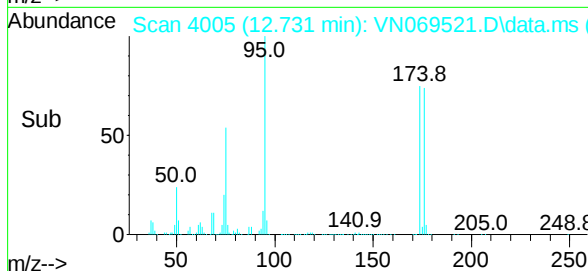
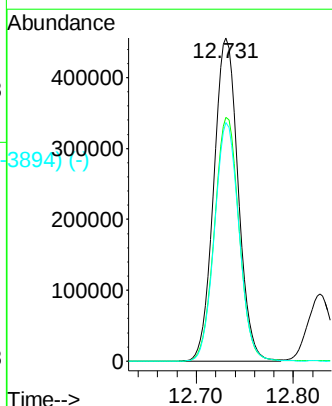
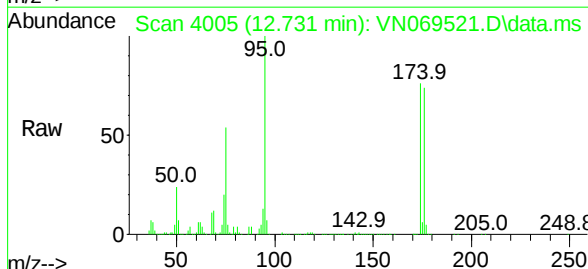
Tgt Ion: 95 Resp: 790939

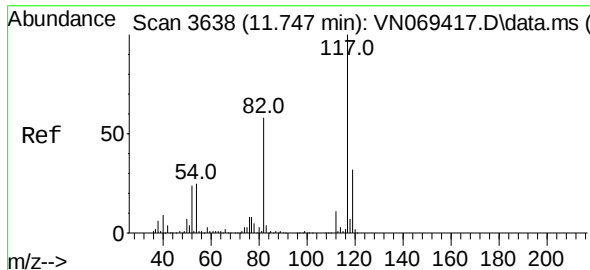
Ion Ratio Lower Upper

95 100

174 76.1 0.0 187.2

176 74.0 0.0 181.4

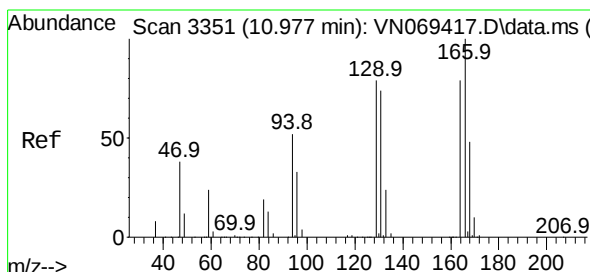
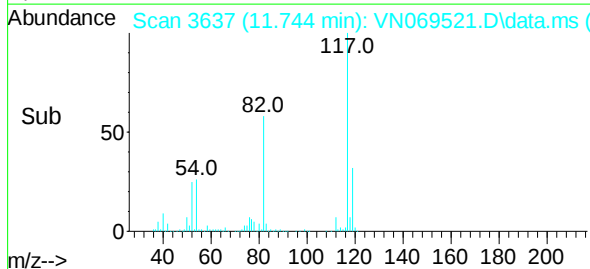
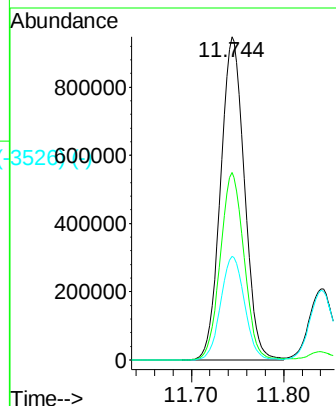
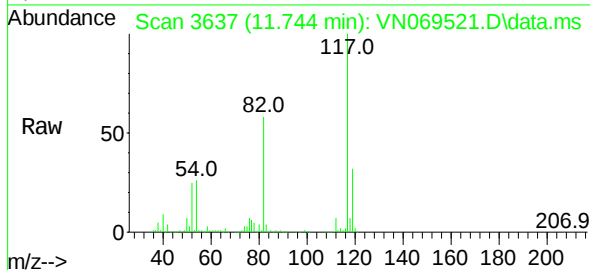




Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

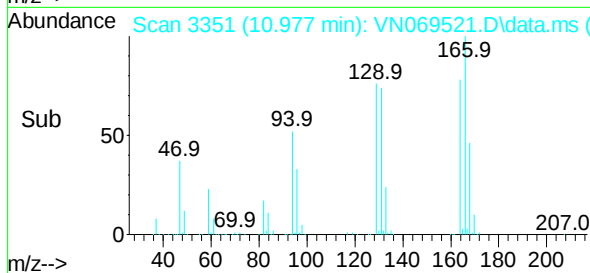
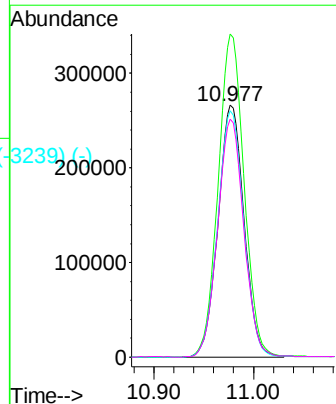
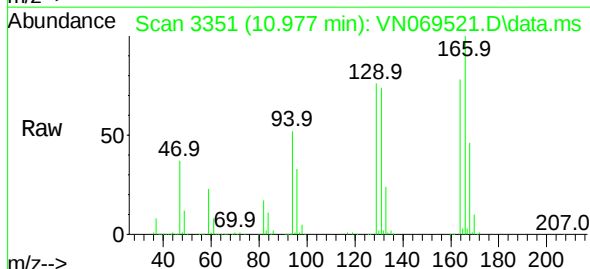
Instrument :
MSVOA_N
ClientSampleId :

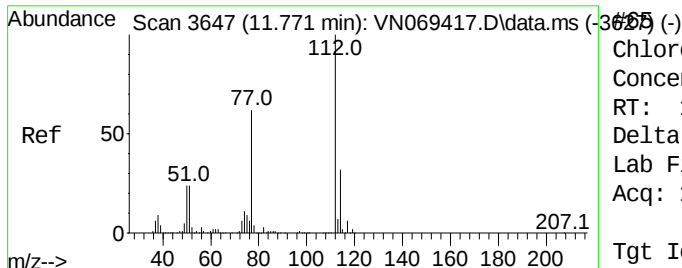
Tgt Ion:117 Resp: 1697823
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.0 25.4 38.2



Tetrachloroethene
Concen: 47.06 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:164 Resp: 482434
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 98.0 72.0 108.0
131 94.5 70.9 106.3





Chlorobenzene

Concen: 48.27 ug/l

RT: 11.771 min Scan# 3647

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

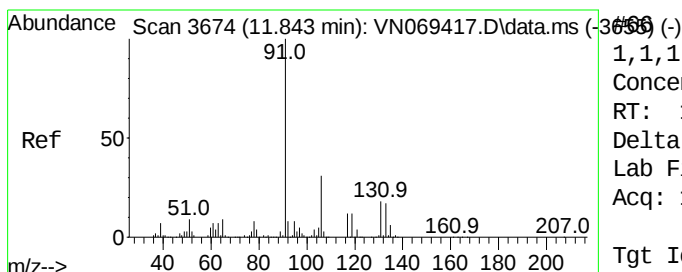
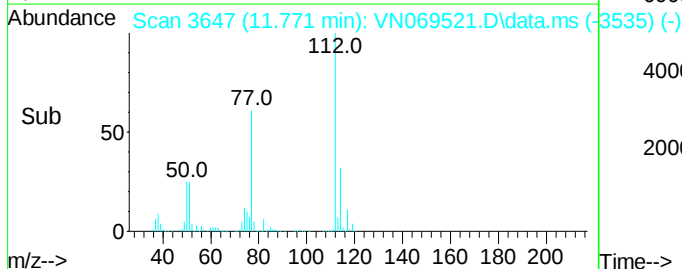
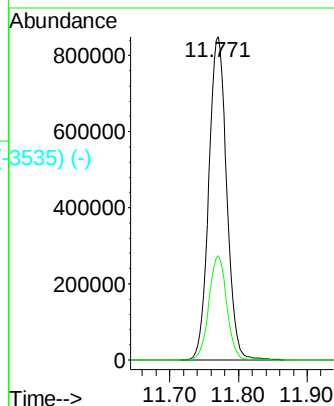
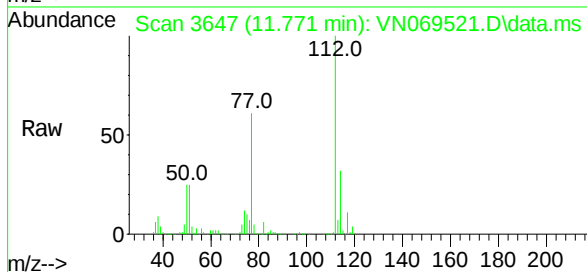
ClientSampleId :

Tgt Ion:112 Resp: 1525298

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.0



1,1,1,2-Tetrachloroethane

Concen: 51.43 ug/l

RT: 11.840 min Scan# 3673

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

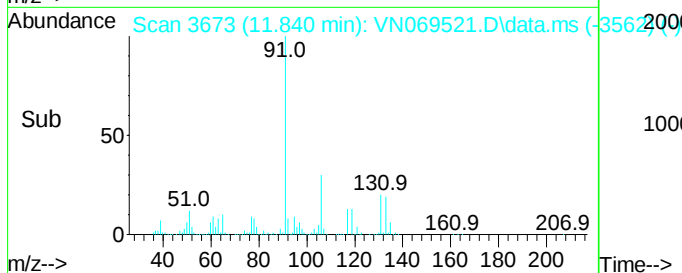
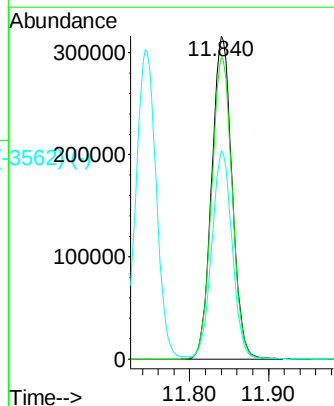
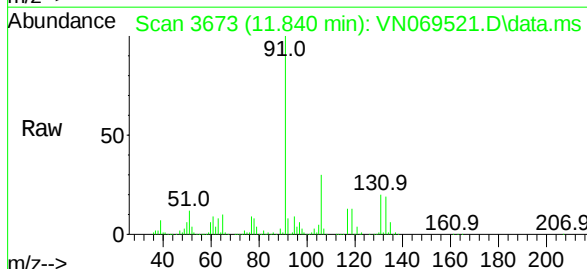
Tgt Ion:131 Resp: 563729

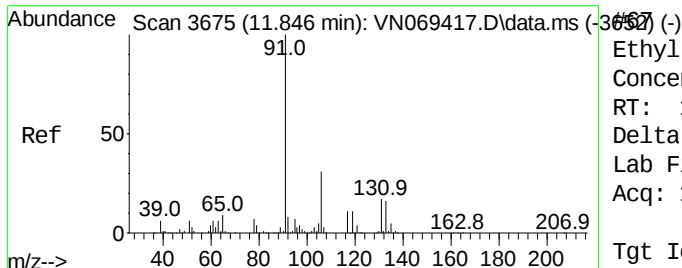
Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.7

119 64.4 32.1 96.5





Ethyl Benzene

Concen: 48.31 ug/l

RT: 11.843 min Scan#

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

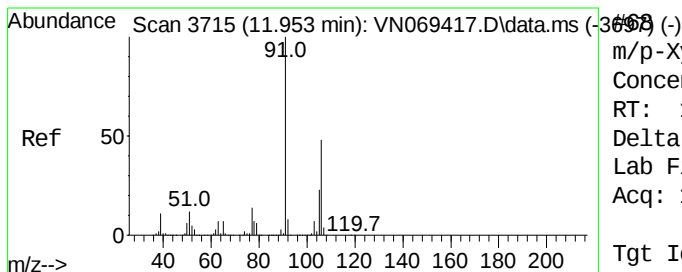
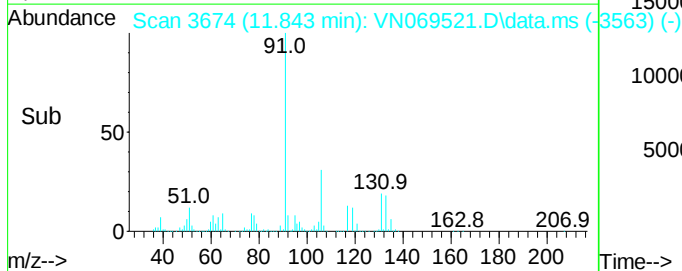
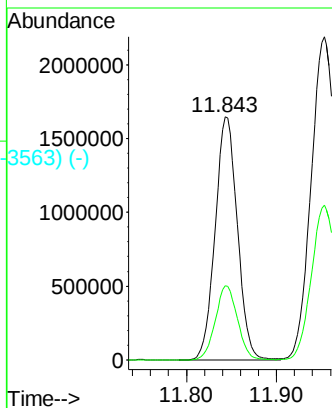
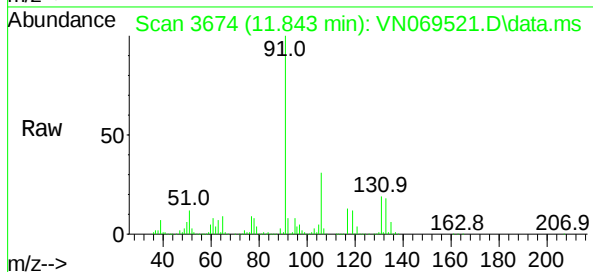
ClientSampleId :

Tgt Ion: 91 Resp: 2816008

Ion Ratio Lower Upper

91 100

106 30.6 25.7 38.5



m/p-Xylenes

Concen: 96.09 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. -0.000 min

Lab File: VN069521.D

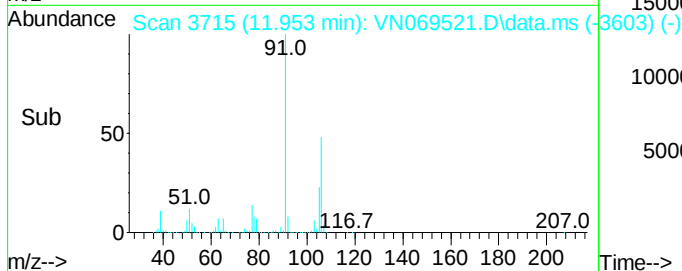
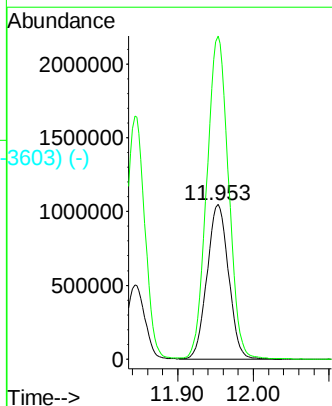
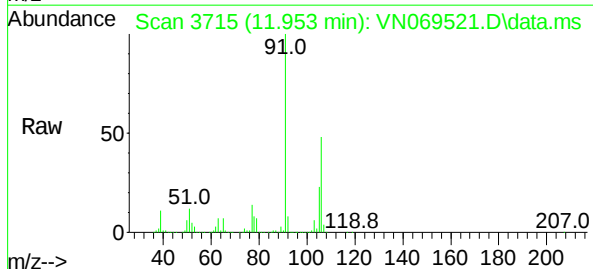
Acq: 16 Nov 2021 20:40

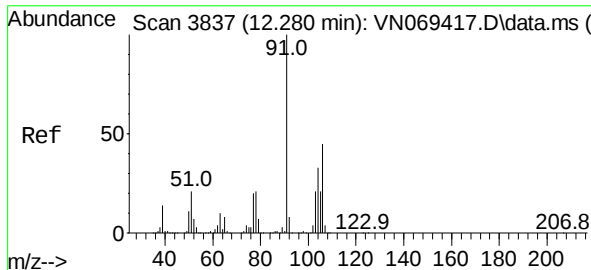
Tgt Ion:106 Resp: 2059808

Ion Ratio Lower Upper

106 100

91 211.4 160.6 240.8

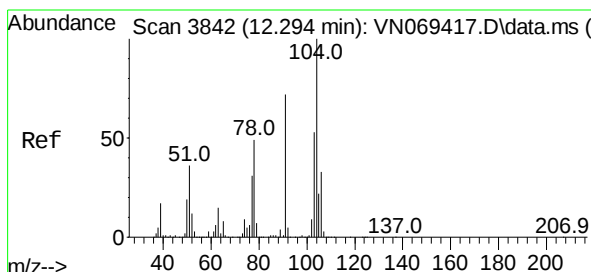
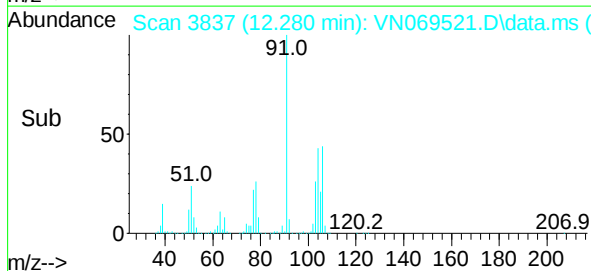
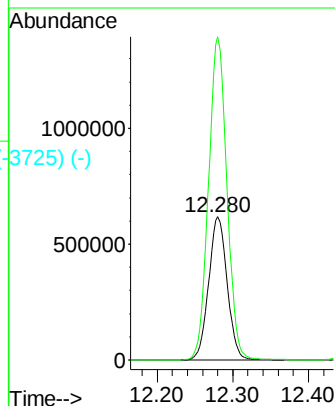
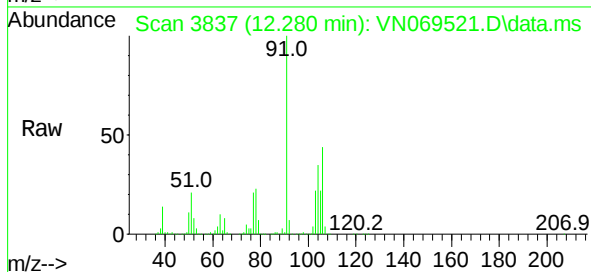




o-Xylene
Concen: 48.92 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

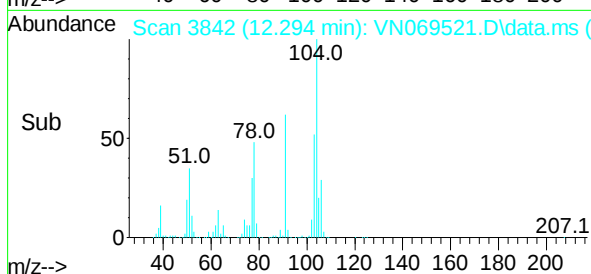
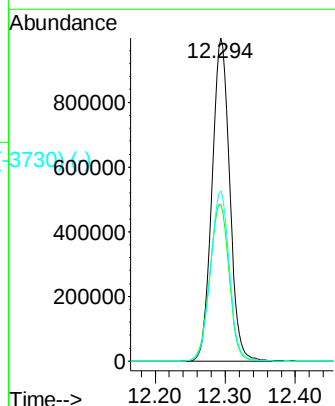
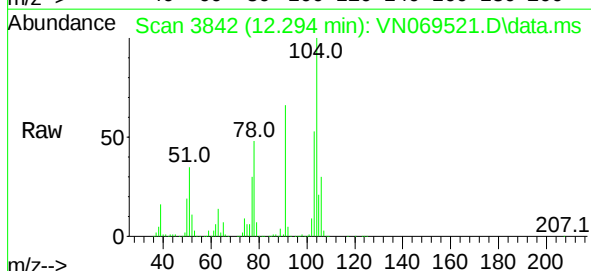
Instrument :
MSVOA_N
ClientSampleId :

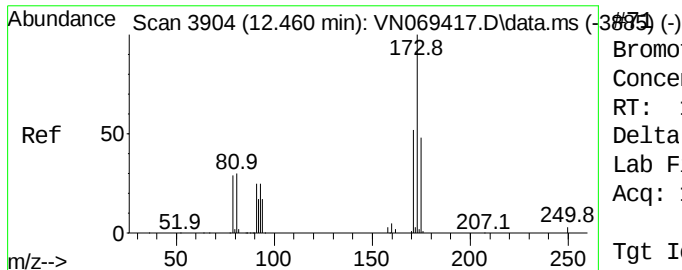
Tgt Ion:106 Resp: 1045556
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3



Styrene
Concen: 45.38 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:104 Resp: 1735718
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 56.0 45.0 67.6





Bromoform

Concen: 42.33 ug/l

RT: 12.460 min Scan# 4375

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

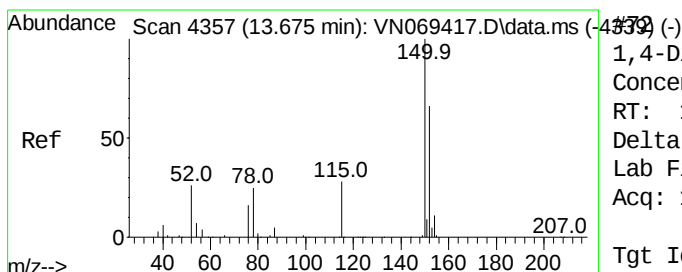
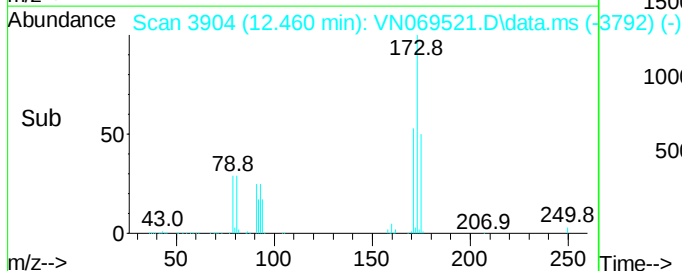
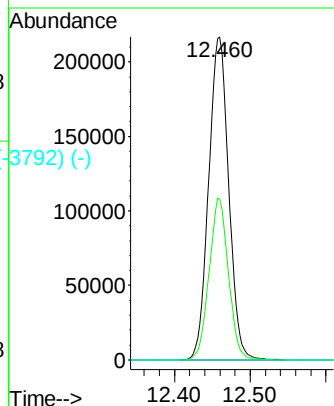
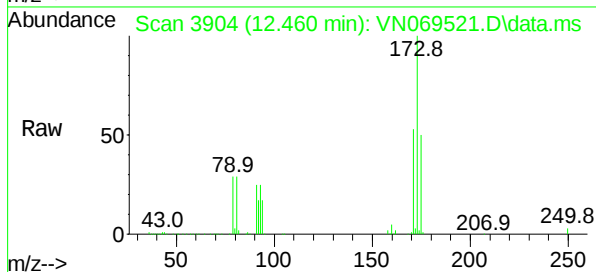
Tgt Ion:173 Resp: 397547

Ion Ratio Lower Upper

173 100

175 48.1 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: VN069521.D

Acq: 16 Nov 2021 20:40

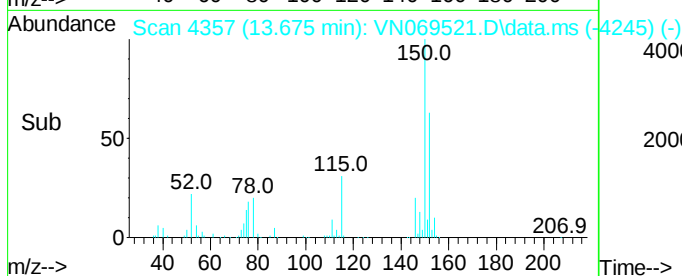
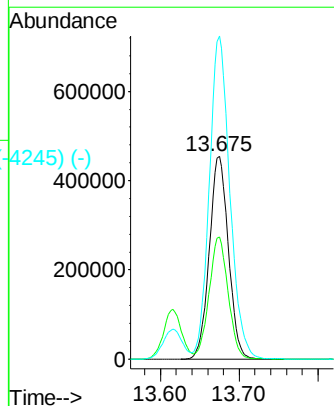
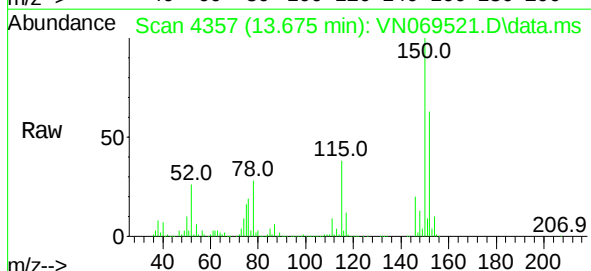
Tgt Ion:152 Resp: 762011

Ion Ratio Lower Upper

152 100

115 60.2 27.5 82.5

150 171.6 0.0 344.4



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

Isopropylbenzene

Concen: 46.21 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

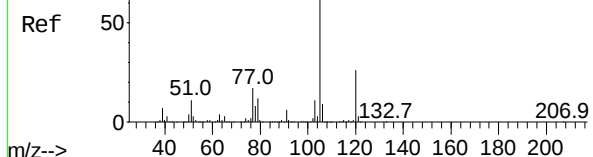
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

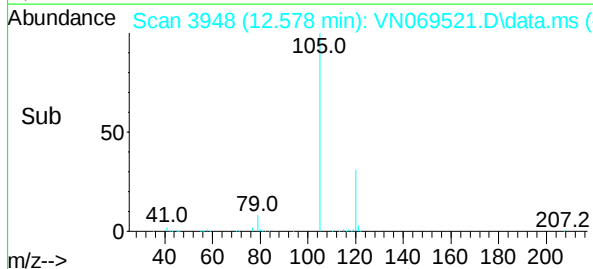
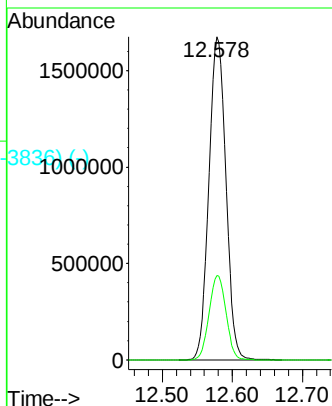
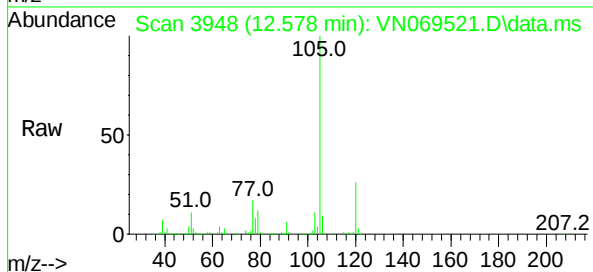


Tgt Ion:105 Resp: 2803433

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



Abundance Scan 3877 (12.387 min): VN069417.D\data.ms (-3874) (-)

N-ethyl acetate

Concen: 47.93 ug/l

RT: 12.387 min Scan# 3877

Delta R.T. -0.001 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion: 43 Resp: 1232489

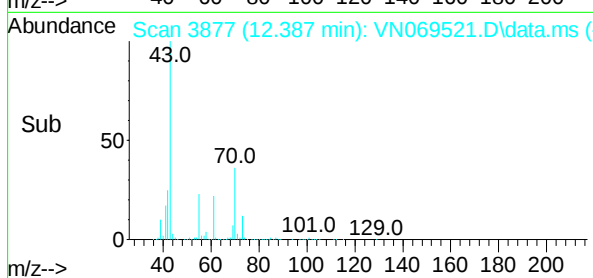
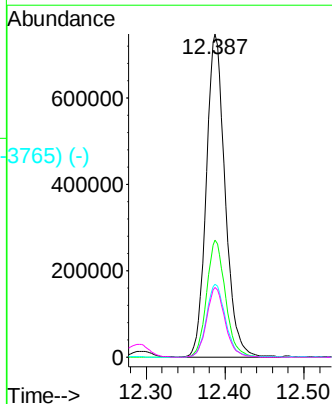
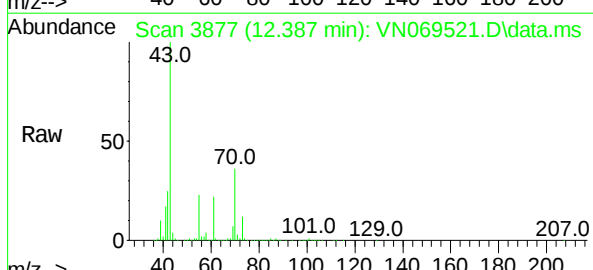
Ion Ratio Lower Upper

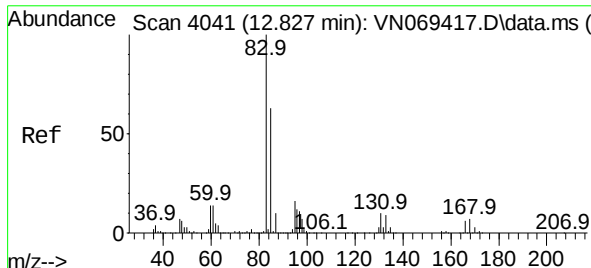
43 100

70 36.3 33.4 50.0

55 23.0 19.3 28.9

61 21.1 18.5 27.7

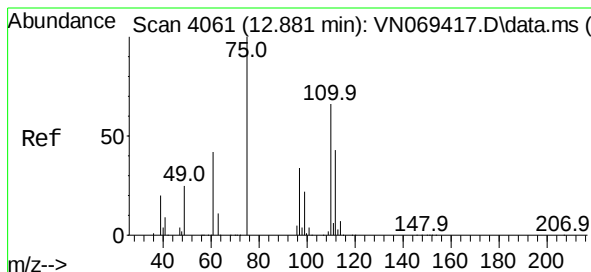
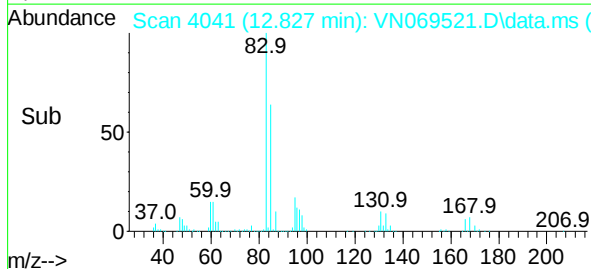
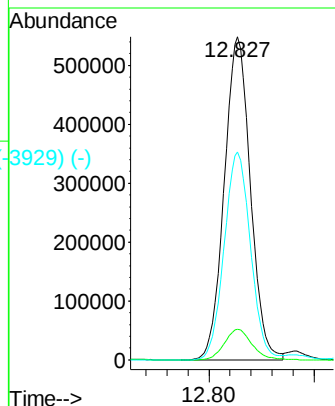
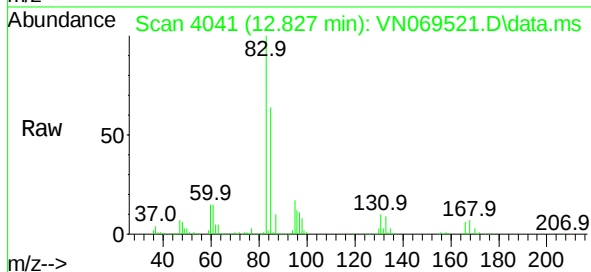




1,1,2,2-Tetrachloroethane
Concen: 46.29 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

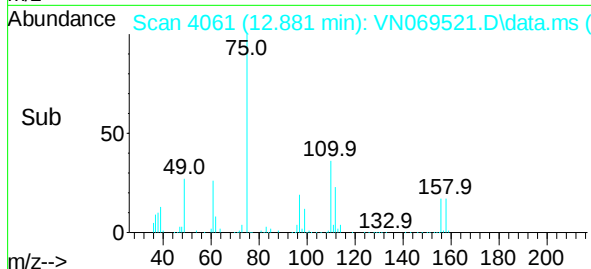
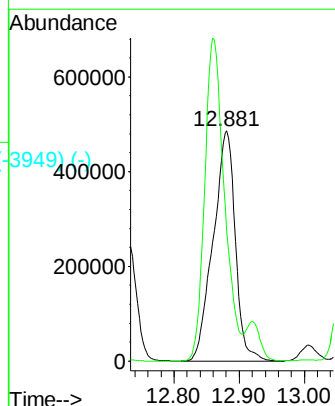
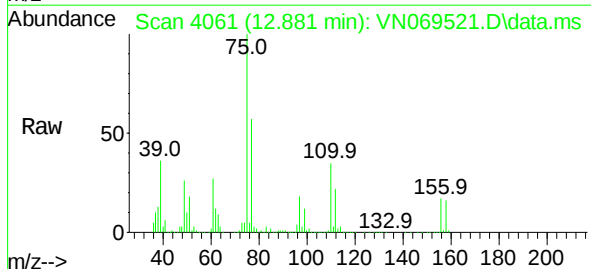
Instrument :
MSVOA_N
ClientSampleId :

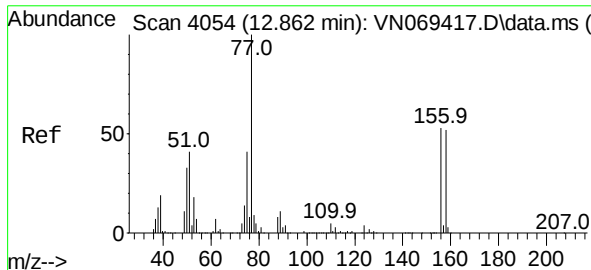
Tgt Ion: 83 Resp: 947211
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.8 32.4 97.2



1,2,3-Trichloropropane
Concen: 65.06 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 75 Resp: 1144195
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

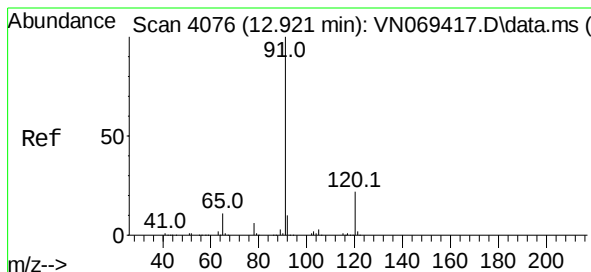
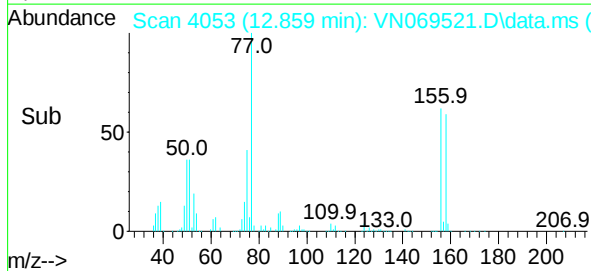
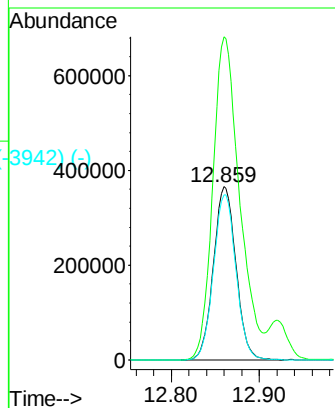
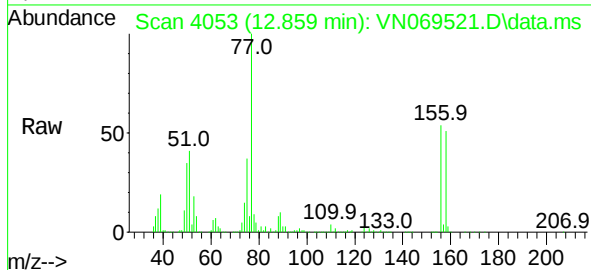




Bromobenzene
Concen: 46.91 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

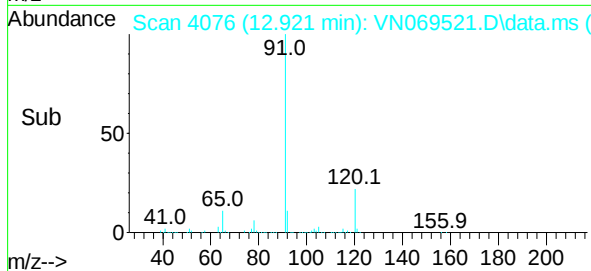
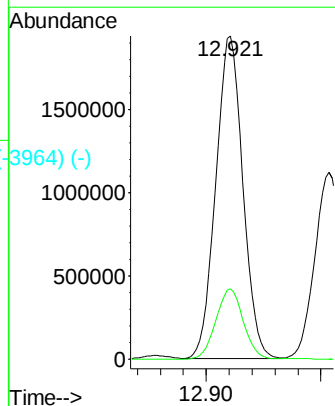
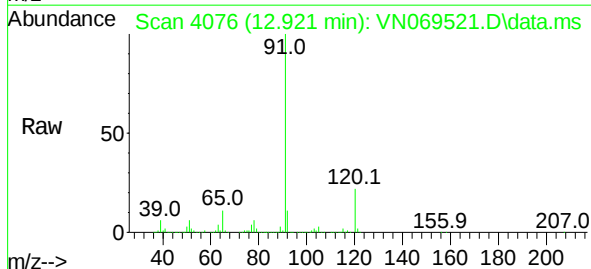
Instrument :
MSVOA_N
ClientSampleId :

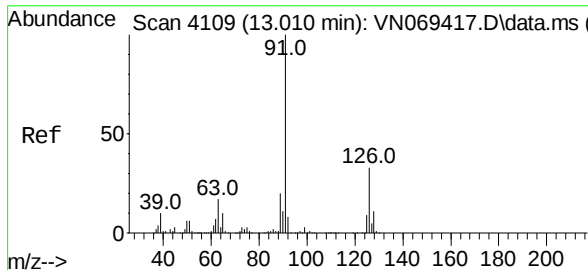
Tgt Ion:156 Resp: 650978
Ion Ratio Lower Upper
156 100
77 220.8 90.6 271.8
158 95.7 48.9 146.7



n-propylbenzene
Concen: 46.38 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 91 Resp: 3166023
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

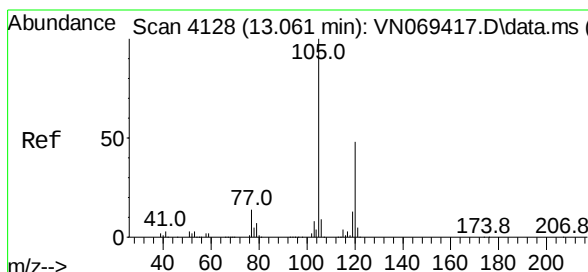
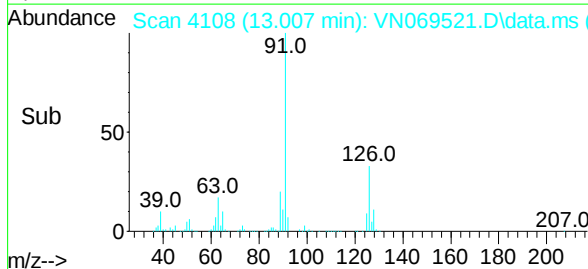
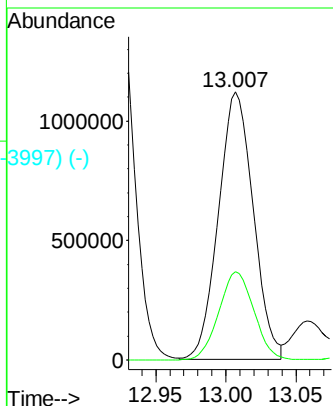
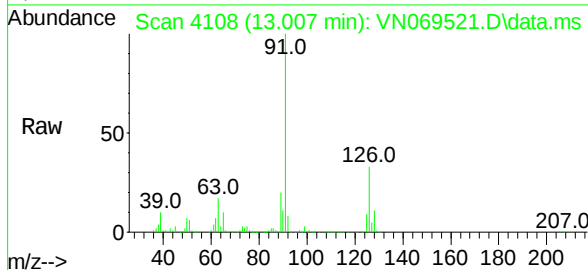




2-Chlorotoluene
Concen: 45.66 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

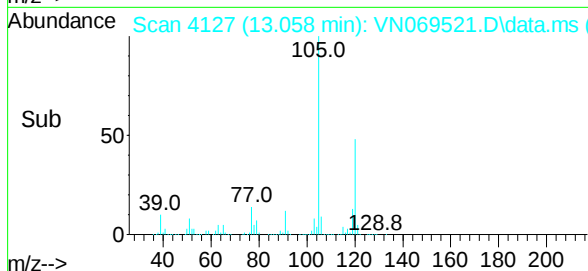
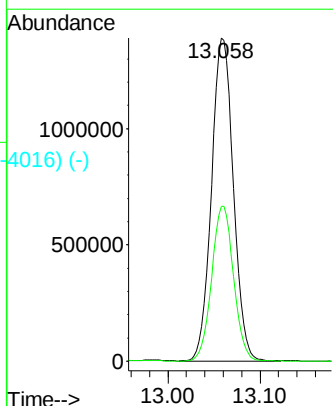
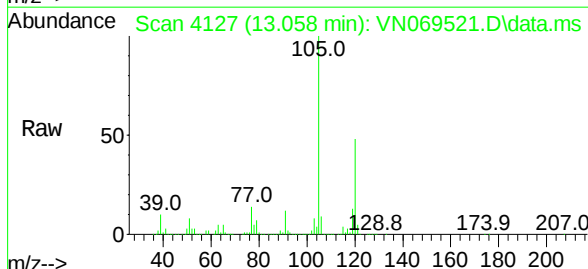
Instrument :
MSVOA_N
ClientSampleId :

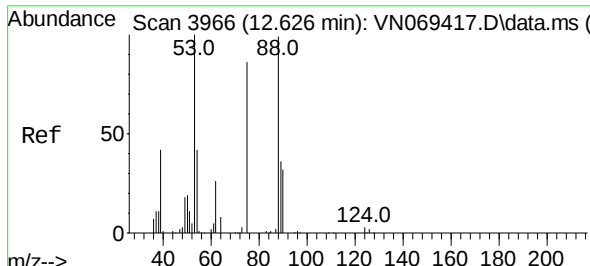
Tgt Ion: 91 Resp: 1930015
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8



1,3,5-Trimethylbenzene
Concen: 46.59 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:105 Resp: 2285036
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6

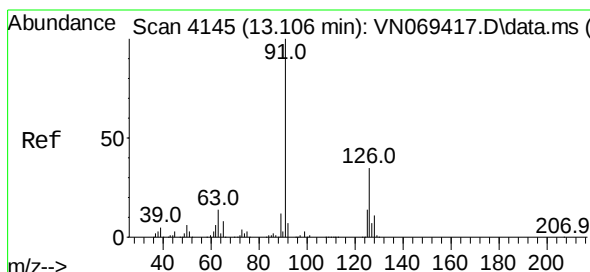
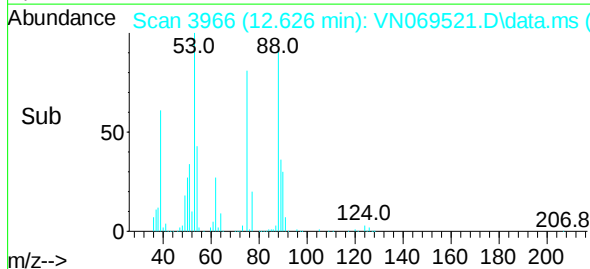
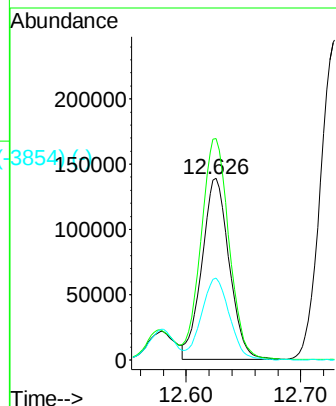
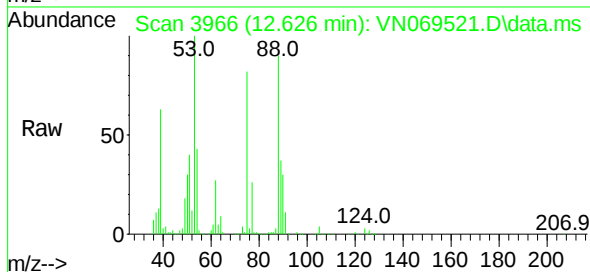




trans-1,4-Dichloro-2-butene
Concen: 39.98 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

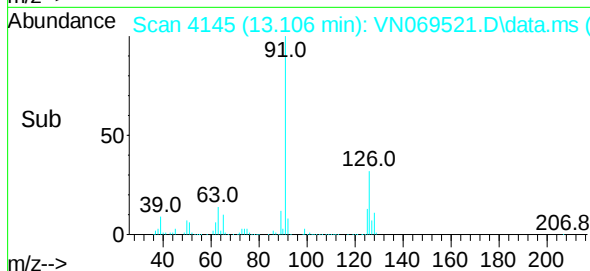
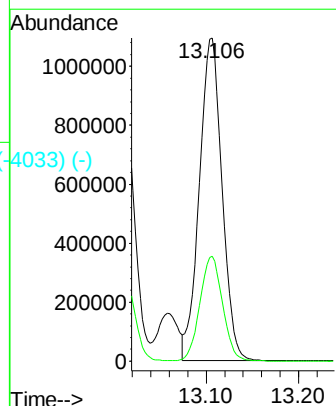
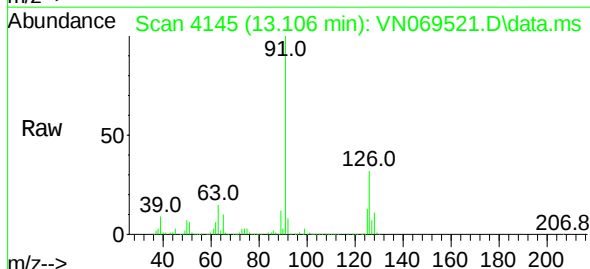
Instrument :
MSVOA_N
ClientSampleId :

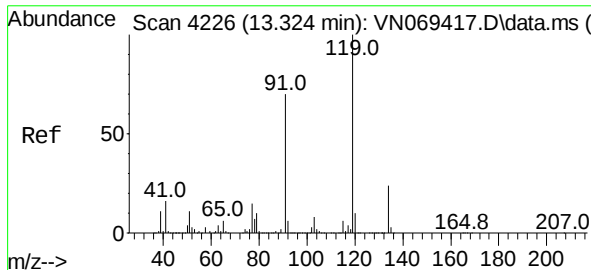
Tgt Ion: 75 Resp: 228433
Ion Ratio Lower Upper
75 100
53 126.9 90.5 135.7
89 46.2 38.2 57.4



4-Chlorotoluene
Concen: 46.31 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 91 Resp: 1865995
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6

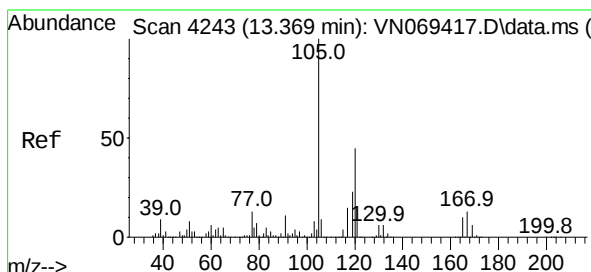
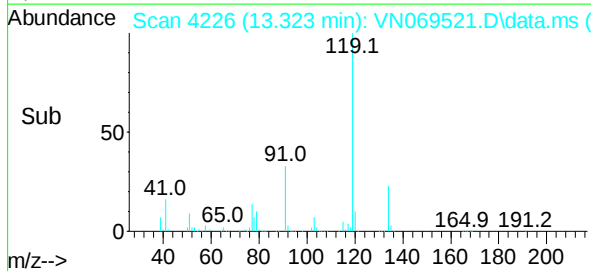
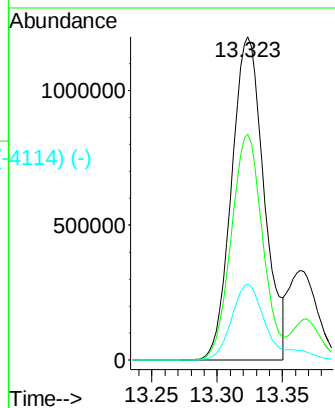
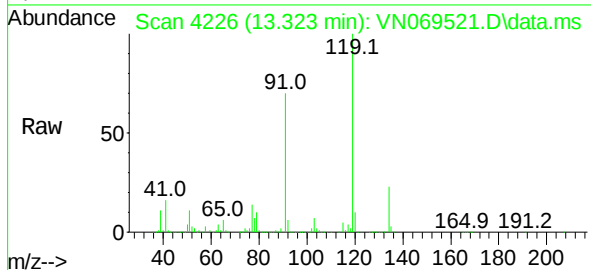




tert-Butylbenzene
Concen: 48.21 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

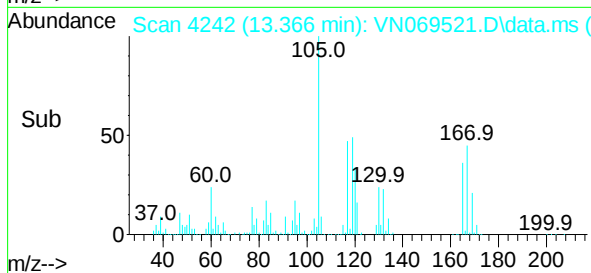
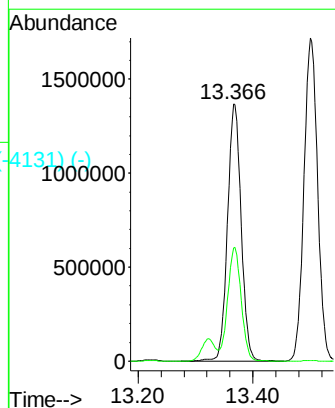
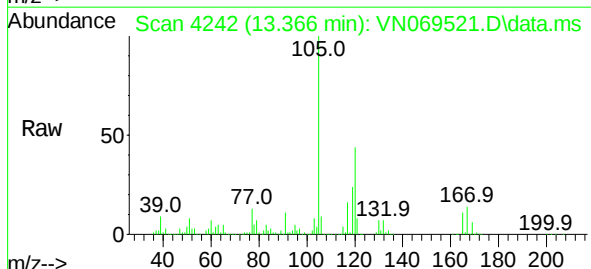
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 2072271
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 25.7 12.4 37.4

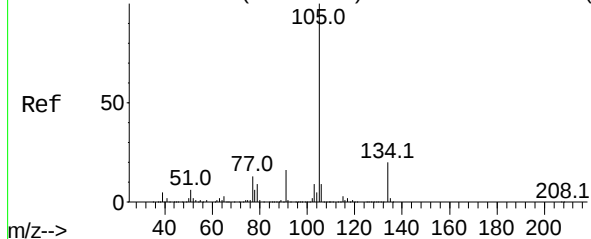


1,2,4-Trimethylbenzene
Concen: 47.70 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:105 Resp: 2258415
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4



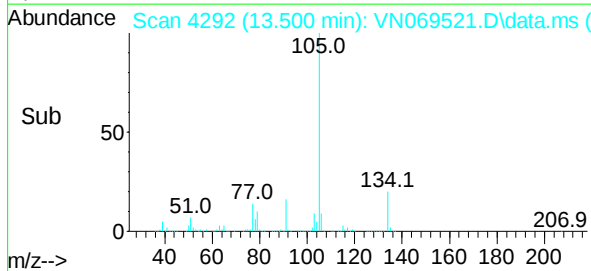
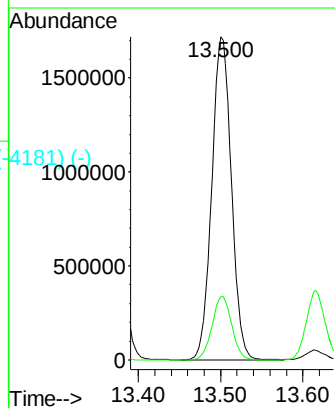
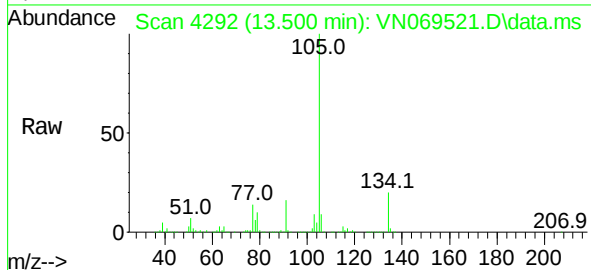
Abundance Scan 4293 (13.503 min): VN069417.D\data.ms (-4293) (-)



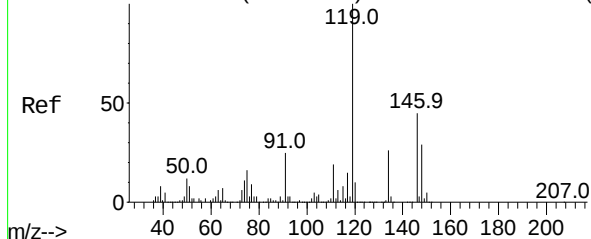
sec-Butylbenzene
Concen: 47.25 ug/l
RT: 13.500 min Scan# 4293
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 2837027
Ion Ratio Lower Upper
105 100
134 19.7 10.4 31.1

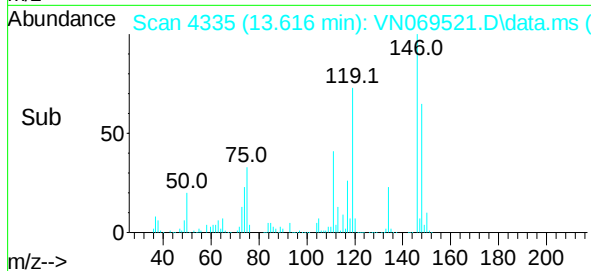
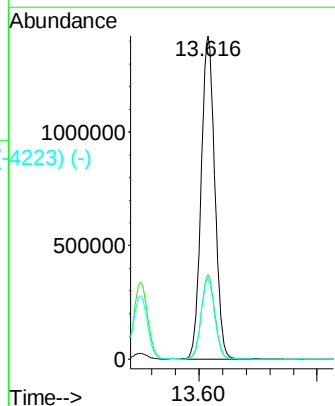
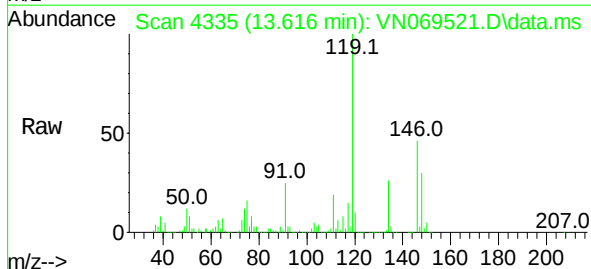


Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)

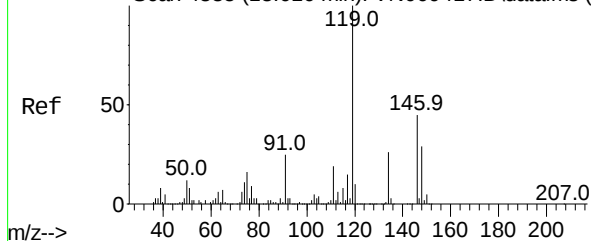


p-Isopropyltoluene
Concen: 47.72 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:119 Resp: 2274468
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 24.7 11.4 34.1



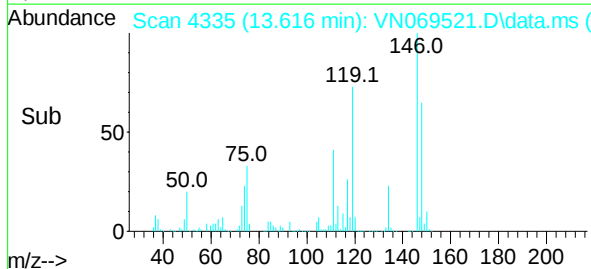
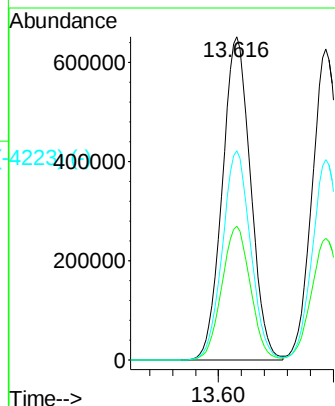
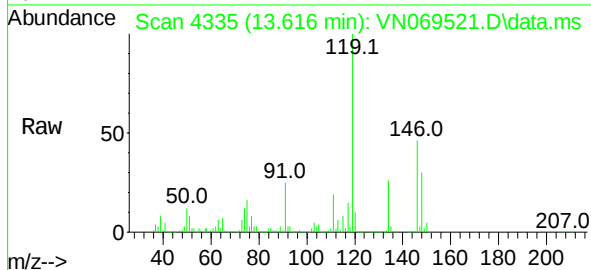
Abundance Scan 4335 (13.616 min): VN069417.D\data.ms (-4335) (-)



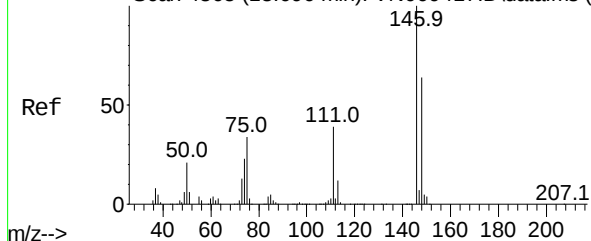
1,3-Dichlorobenzene
Concen: 46.44 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1117122
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.3 31.6 95.0

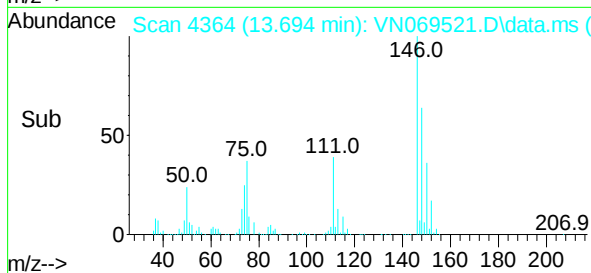
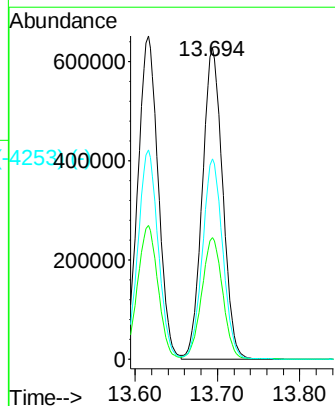
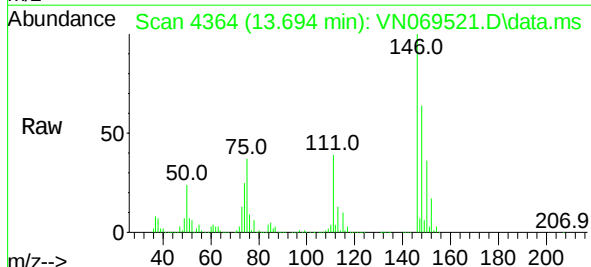


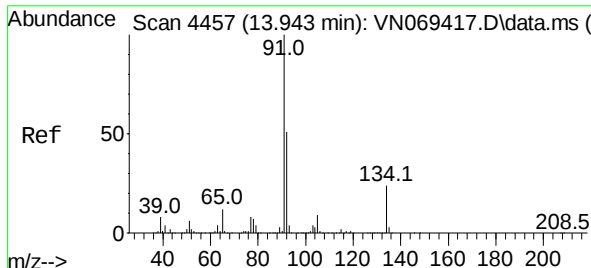
Abundance Scan 4365 (13.696 min): VN069417.D\data.ms (-4365) (-)



1,4-Dichlorobenzene
Concen: 45.56 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion:146 Resp: 1075153
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.4 31.8 95.4

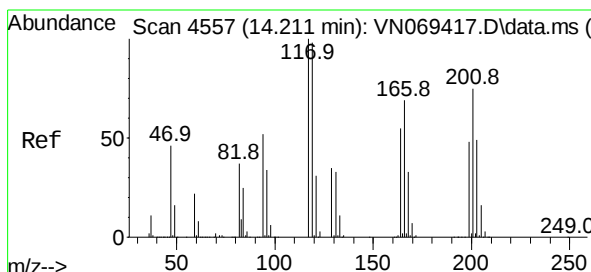
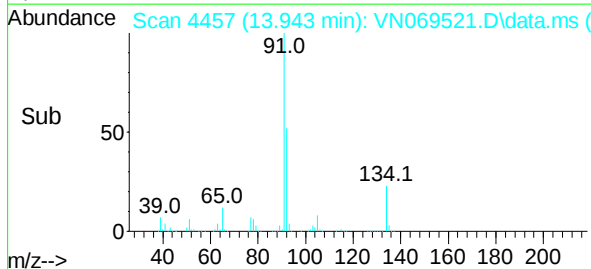
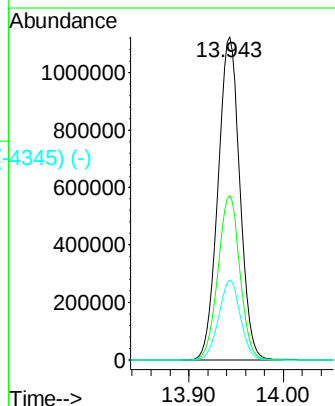
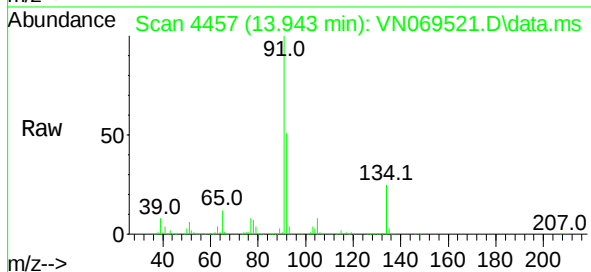




n-Butylbenzene
 Concen: 45.61 ug/l
 RT: 13.943 min Scan# 4459
 Delta R.T. -0.000 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

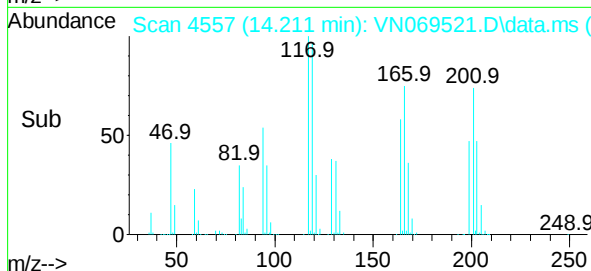
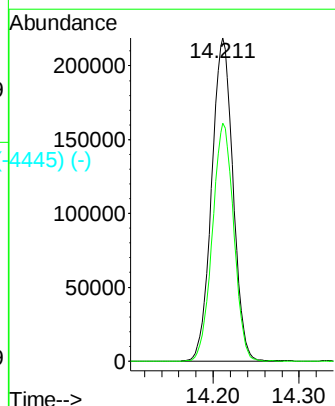
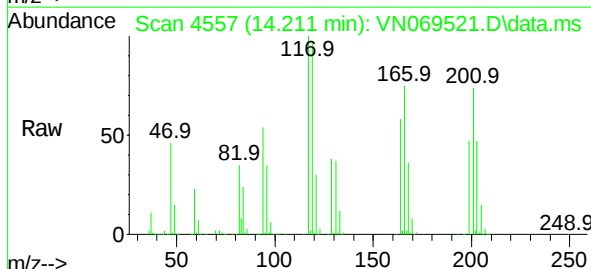
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 91 Resp: 1813075
 Ion Ratio Lower Upper
 91 100
 92 51.1 25.4 76.0
 134 24.6 13.6 40.8



Hexachloroethane
 Concen: 43.23 ug/l
 RT: 14.211 min Scan# 4557
 Delta R.T. 0.000 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

Tgt Ion: 117 Resp: 376032
 Ion Ratio Lower Upper
 117 100
 201 73.6 43.9 131.6



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

1,2-Dichlorobenzene

Concen: 48.59 ug/l

RT: 13.989 min Scan# 4496

Delta R.T. -0.000 min

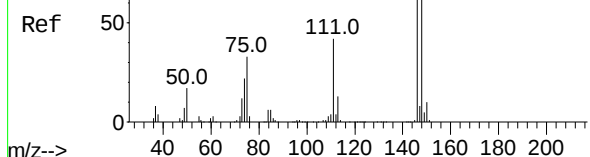
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



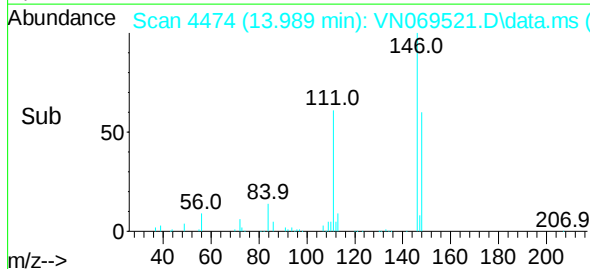
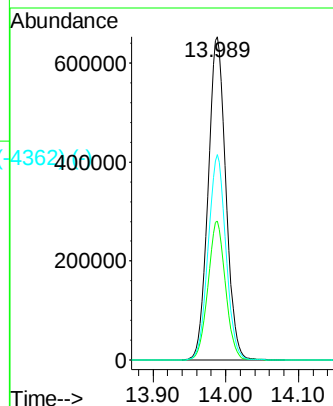
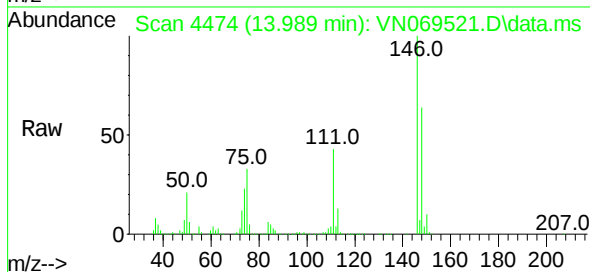
Tgt Ion:146 Resp: 1112414

Ion Ratio Lower Upper

146 100

111 42.4 19.1 57.3

148 63.5 32.1 96.3



Abundance Scan 4704 (14.606 min): VN069417.D\data.ms (-4692) (-)

1,2-Dibromo-3-Chloropropane

Concen: 43.10 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

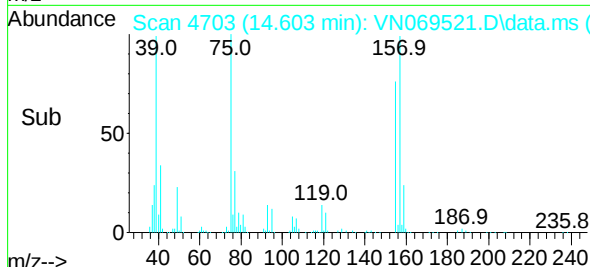
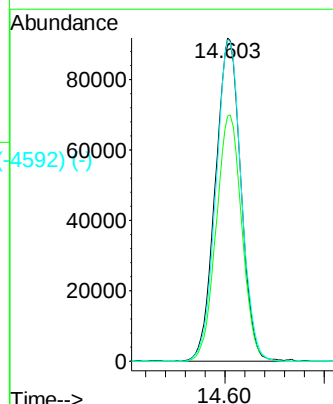
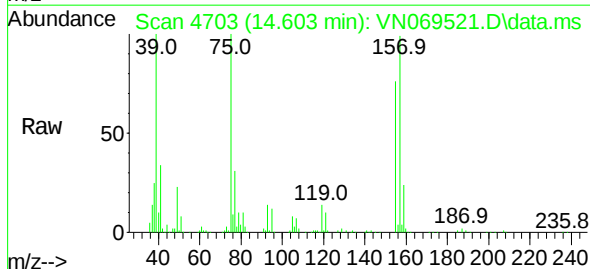
Tgt Ion: 75 Resp: 162986

Ion Ratio Lower Upper

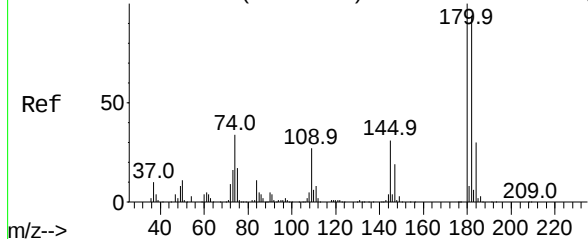
75 100

155 76.5 46.9 140.7

157 98.2 60.6 181.7



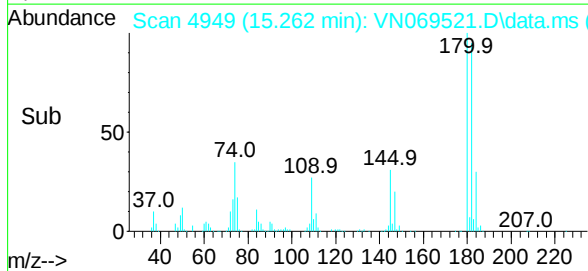
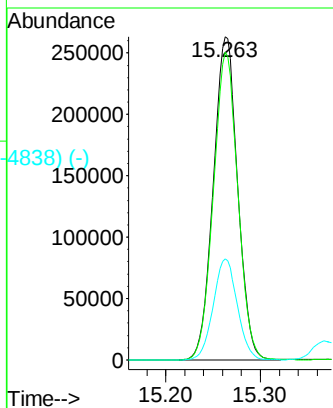
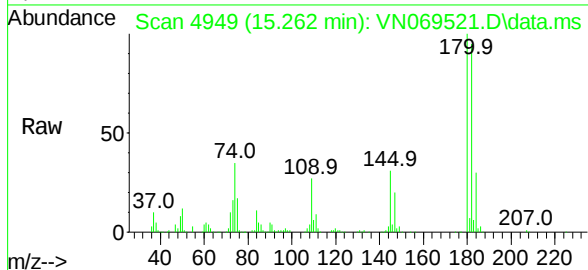
Abundance Scan 4950 (15.265 min): VN069417.D\data.ms (-4928) (-)



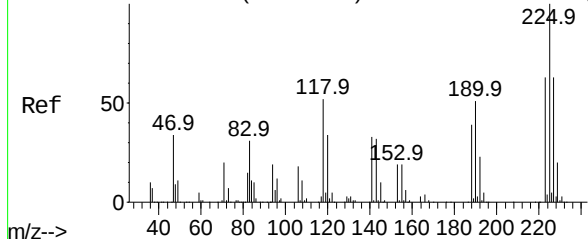
1,2,4-Trichlorobenzene
Concen: 40.19 ug/l
RT: 15.262 min Scan# 4928
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.3	144.9
145	31.0	14.5	43.5

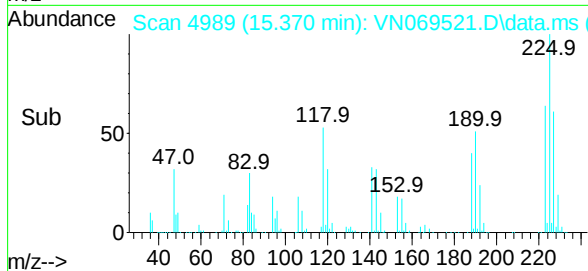
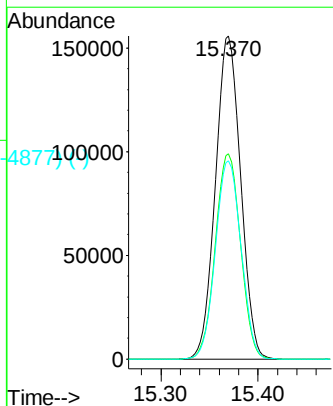
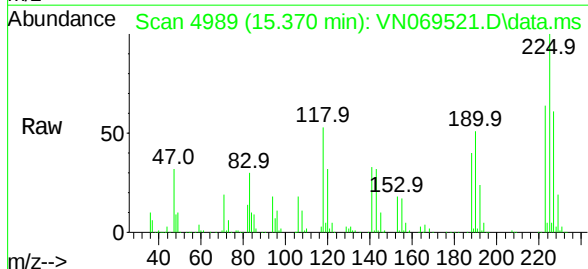


Abundance Scan 4989 (15.370 min): VN069417.D\data.ms (-4969) (-)



Hexachlorobutadiene
Concen: 47.09 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.7
227	62.3	32.1	96.3



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

Naphthalene

Concen: 38.72 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

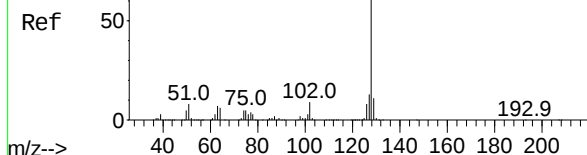
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :



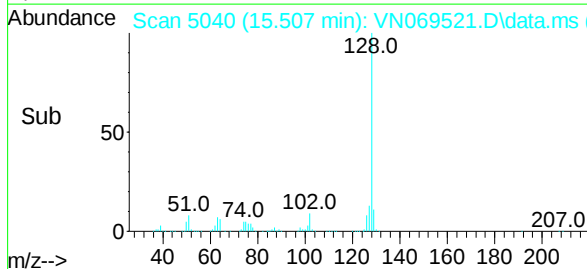
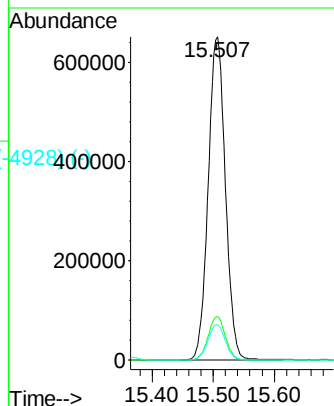
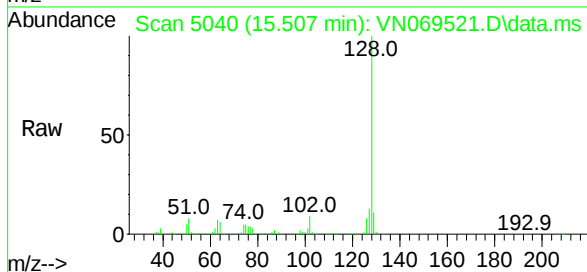
Tgt Ion:128 Resp: 1272681

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.0 8.7 13.1



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

1,2,3-Trichlorobenzene

Concen: 41.48 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion:180 Resp: 469096

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 33.1 15.0 45.1

