

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070166.D
 Acq On : 17 Dec 2021 16:10
 Operator : JC/MD
 Sample : M5039-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:46:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1038727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1774320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1687205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	800928	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	740119	46.148	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.300%
35) Dibromofluoromethane	8.024	113	493561	44.409	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.820%
50) Toluene-d8	10.440	98	2011437	45.073	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.140%
62) 4-Bromofluorobenzene	12.731	95	828670	51.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.520%

Target Compounds			Qvalue			
3) Chloromethane	2.260	50	43157	2.843	ug/l #	69
8) Diethyl Ether	3.821	74	2824	0.400	ug/l #	49
11) Tert butyl alcohol	5.388	59	6931515	2286.449	ug/l	99
13) Acrolein	3.982	56	175222	67.872	ug/l #	1
14) Allyl chloride	4.953	41	606632	27.209	ug/l #	31
15) Acrylonitrile	5.618	53	197035	24.120	ug/l #	34
16) Acetone	4.291	43	1431080	148.336	ug/l	95
17) Carbon Disulfide	4.529	76	11670	0.457	ug/l	100
18) Methyl Acetate	4.921	43	171551	5.891	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	9784284	254.325	ug/l #	47
20) Methylene Chloride	4.950	84	76897	5.996	ug/l #	1
22) Diisopropyl ether	6.501	45	731166	16.778	ug/l	87
23) Vinyl Acetate	6.501	43	459526	12.962	ug/l #	72
24) 1,1-Dichloroethane	6.460	63	28911	1.281	ug/l #	83
25) 2-Butanone	7.340	43	555071	42.345	ug/l	90
26) 2,2-Dichloropropane	7.142	77	55860	3.183	ug/l #	52
29) Tetrahydrofuran	7.694	42	6485	0.815	ug/l #	64
30) Chloroform	7.839	83	15679	0.688	ug/l	96
31) Cyclohexane	8.094	56	2666096	119.453	ug/l	88
36) 1,1-Dichloropropene	8.086	75	91459	5.415	ug/l #	49
37) Ethyl Acetate	7.340	43	555071	22.079	ug/l #	68
38) Carbon Tetrachloride	8.086	117	108288	6.538	ug/l #	16
39) Methylcyclohexane	9.461	83	1281742	63.795	ug/l	88
41) Methacrylonitrile	7.656	41	56205	4.763	ug/l #	31
42) 1,2-Dichloroethane	8.464	62	412509	19.793	ug/l	92
43) Isopropyl Acetate	8.539	43	3004289	80.754	ug/l #	56
45) 1,2-Dichloropropane	9.459	63	15630	1.127	ug/l #	1
47) Bromodichloromethane	9.743	83	27133	1.576	ug/l #	25
48) Methyl methacrylate	9.641	41	157409	9.066	ug/l #	67
51) 4-Methyl-2-Pentanone	10.330	43	40388	1.673	ug/l	93
52) Toluene	10.507	92	13463162	427.124	ug/l #	1
53) t-1,3-Dichloropropene	10.505	75	181246	11.057	ug/l #	1
54) cis-1,3-Dichloropropene	10.320	75	1905	2.083	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	100344	7.890	ug/l #	21
56) Ethyl methacrylate	10.781	69	22916	3.191	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.025	63	3309	18.862	ug/l #	45

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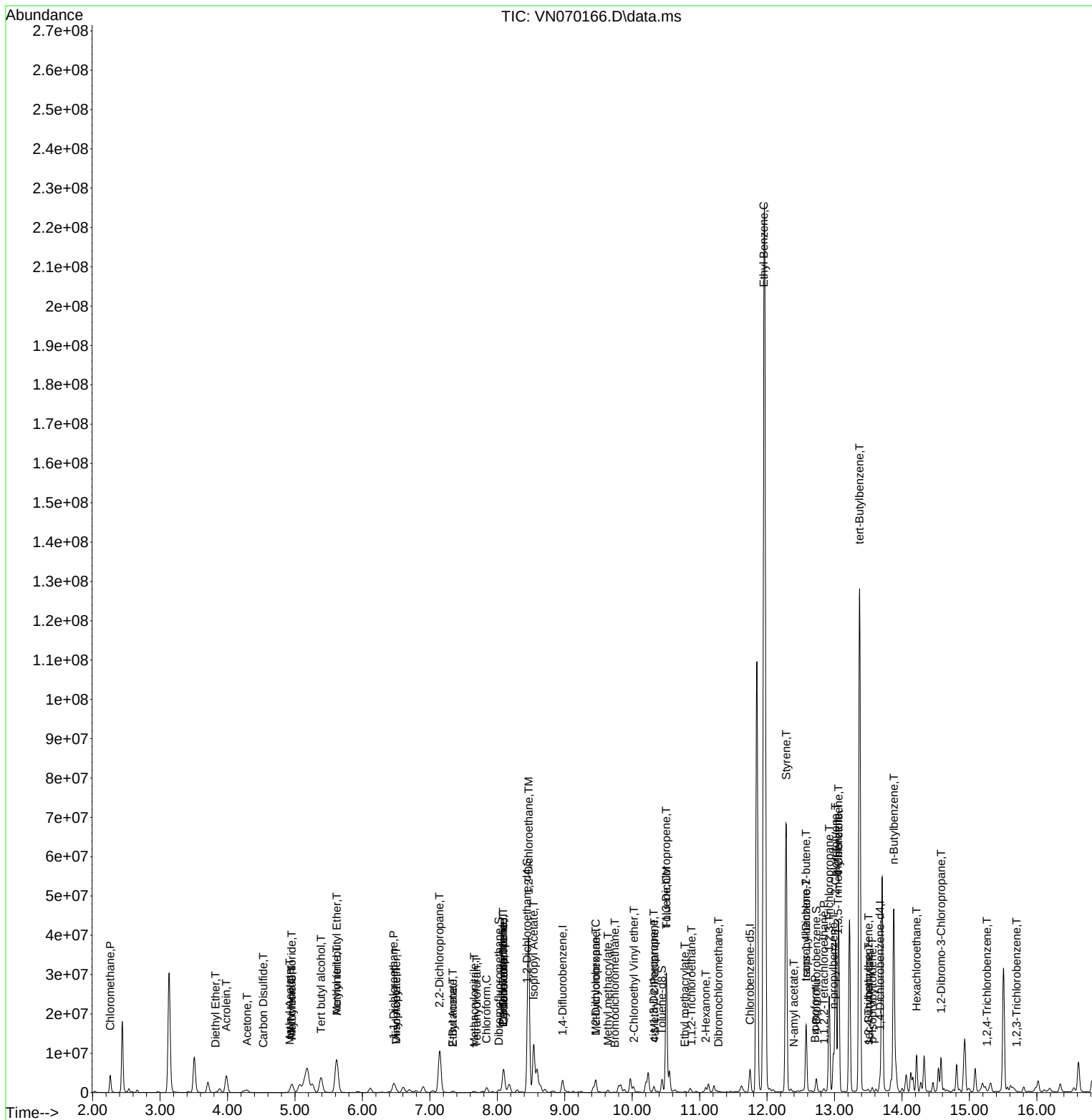
Quant Time: Dec 18 05:46:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
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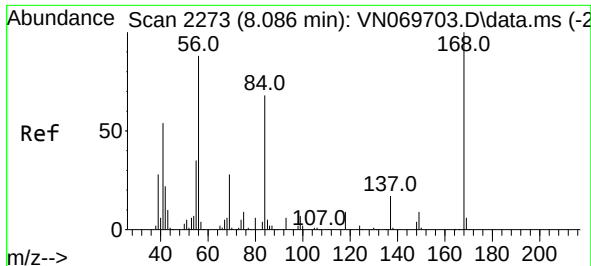
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	11.089	43	150395	8.238	ug/l	63
60) Dibromochloromethane	11.280	129	60	2.380	ug/l	81
67) Ethyl Benzene	11.950	91	1350483	21.721	ug/l #	43
70) Styrene	12.283	104	1079102	29.843	ug/l #	1
71) Bromoform	12.712	173	297	2.758	ug/l #	29
73) Isopropylbenzene	12.578	105	11032641	154.822	ug/l	99
74) N-amyl acetate	12.398	43	23468	0.745	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.843	83	72216	2.931	ug/l #	26
76) 1,2,3-Trichloropropane	12.921	75	134216	5.843	ug/l #	1
78) n-propylbenzene	12.986	91	470949	5.939	ug/l #	1
79) 2-Chlorotoluene	13.015	91	2988501	59.644	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.050	105	735129	12.817	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.578	75	145867	23.158	ug/l #	74
82) 4-Chlorotoluene	13.061	91	2825516	59.963	ug/l #	38
83) tert-Butylbenzene	13.372	119	12257144	241.344	ug/l #	55
84) 1,2,4-Trimethylbenzene	13.503	105	385623	7.060	ug/l #	31
85) sec-Butylbenzene	13.503	105	385623	5.598	ug/l #	74
86) p-Isopropyltoluene	13.559	119	526203	9.772	ug/l #	78
89) n-Butylbenzene	13.879	91	5501880	125.958	ug/l #	44
90) Hexachloroethane	14.217	117	439712	46.511	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	37446	8.410	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	5256	3.255	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.700	180	8131	3.040	ug/l #	72

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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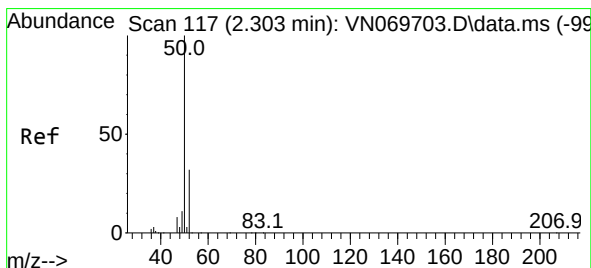
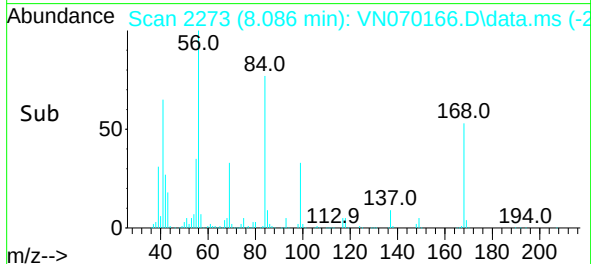
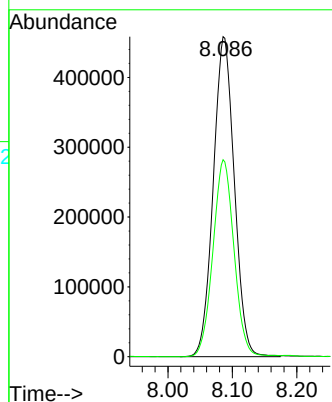
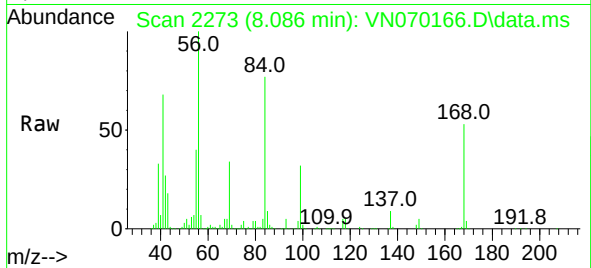




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

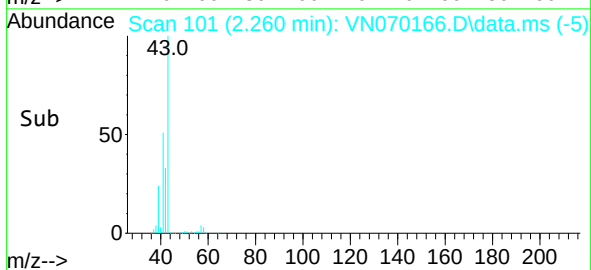
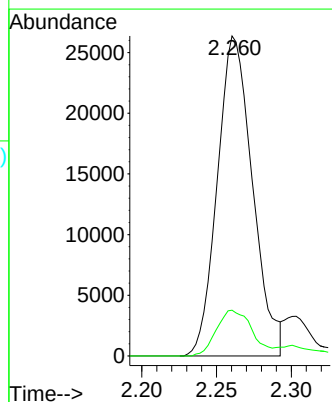
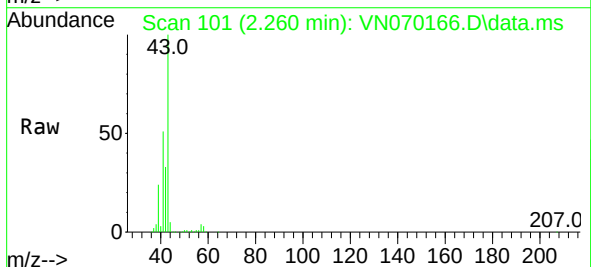
Instrument :
MSVOA_N
ClientSampleId :

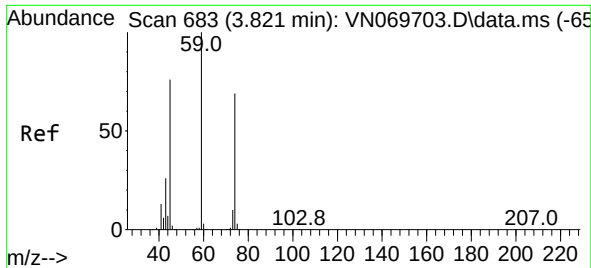
Tgt Ion:168 Resp: 1038727
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#3
Chloromethane
Concen: 2.843 ug/l
RT: 2.260 min Scan# 101
Delta R.T. -0.043 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 50 Resp: 43157
Ion Ratio Lower Upper
50 100
52 14.3 25.4 38.0#

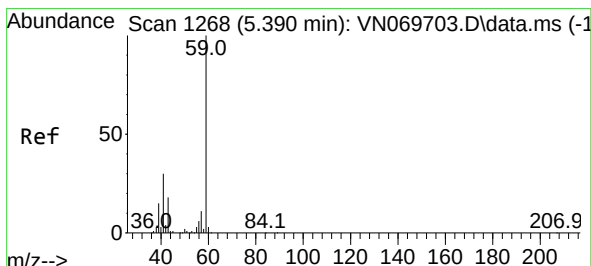
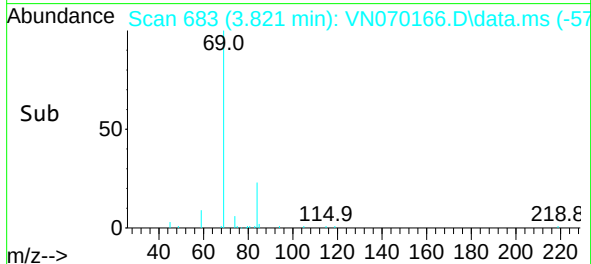
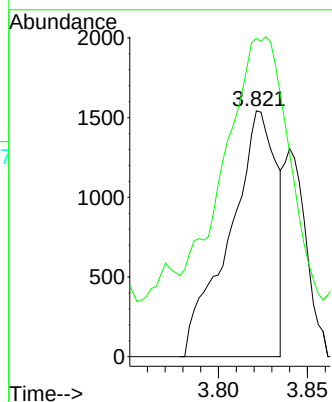
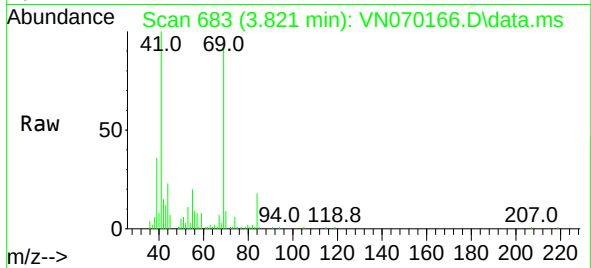




#8
Diethyl Ether
Concen: 0.400 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

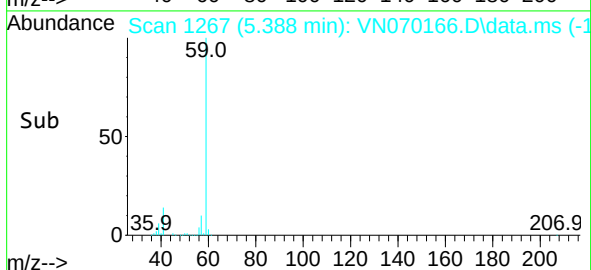
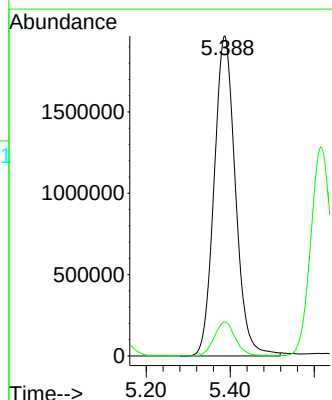
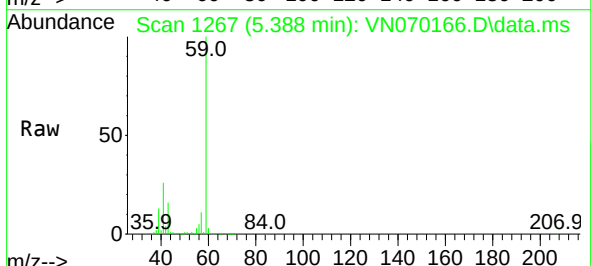
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MSVOA_N
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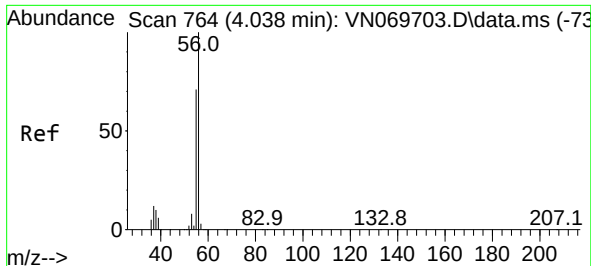
Tgt Ion: 74 Resp: 2824
Ion Ratio Lower Upper
74 100
45 143.1 47.0 141.2#



#11
Tert butyl alcohol
Concen: 2286.449 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

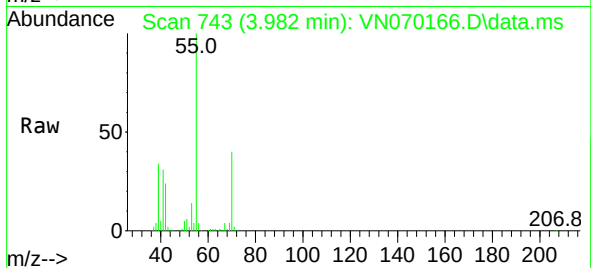
Tgt Ion: 59 Resp: 6931515
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



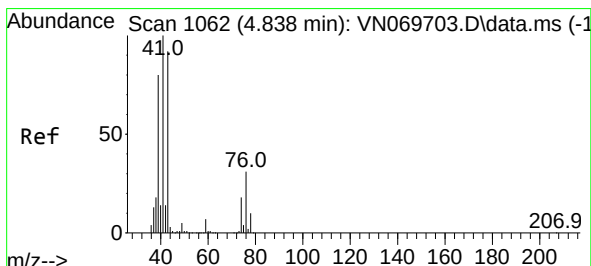
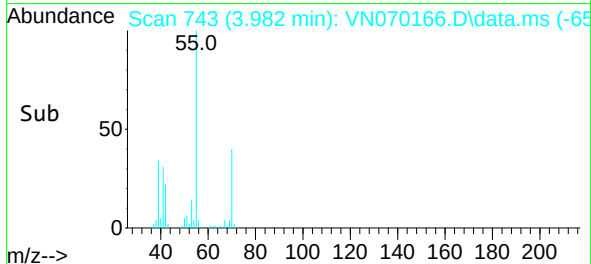
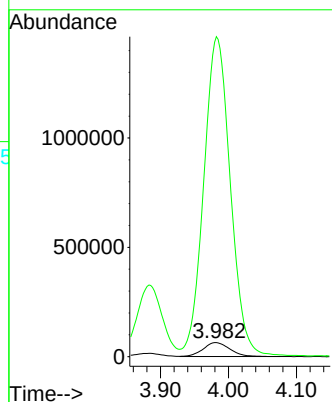


#13
Acrolein
Concen: 67.872 ug/l
RT: 3.982 min Scan# 74
Delta R.T. -0.056 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :

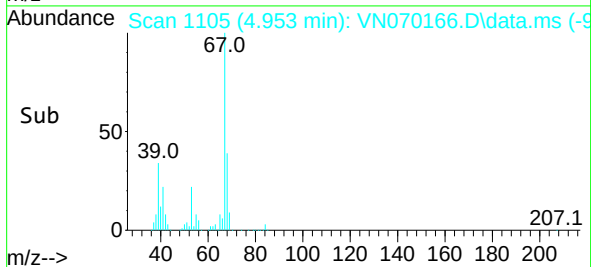
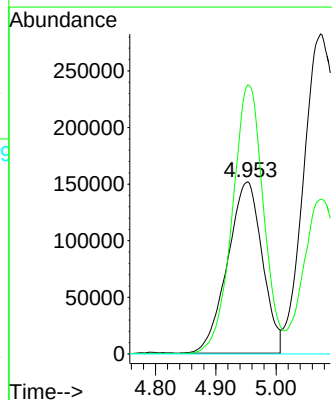
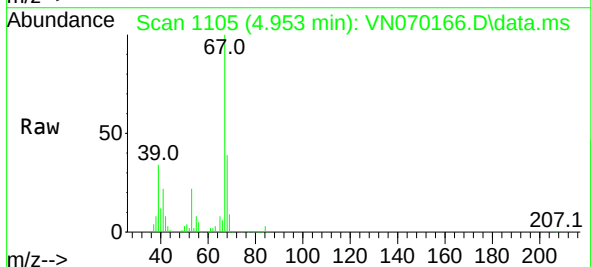


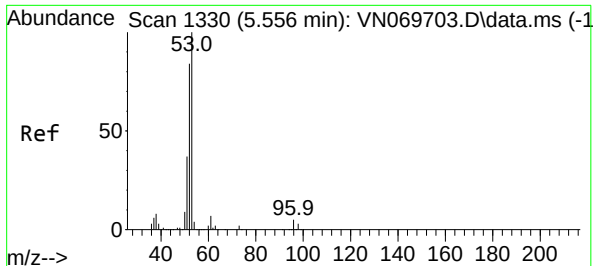
Tgt Ion: 56 Resp: 175222
Ion Ratio Lower Upper
56 100
55 2264.8 56.6 85.0#



#14
Allyl chloride
Concen: 27.209 ug/l
RT: 4.953 min Scan# 1105
Delta R.T. 0.115 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

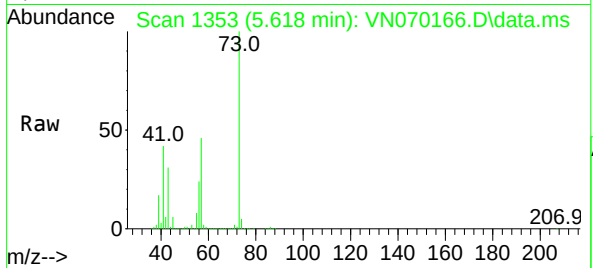
Tgt Ion: 41 Resp: 606632
Ion Ratio Lower Upper
41 100
39 140.5 61.2 91.8#
76 0.0 26.0 39.0#



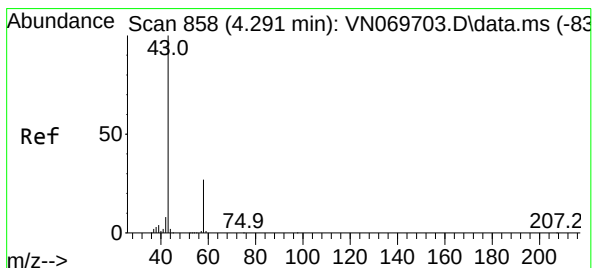
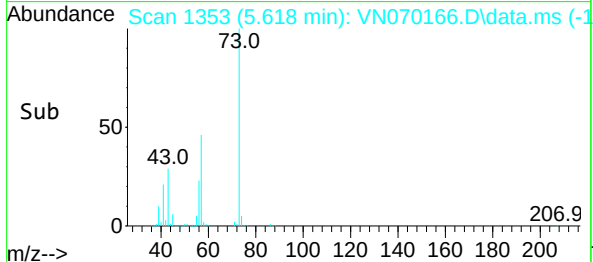
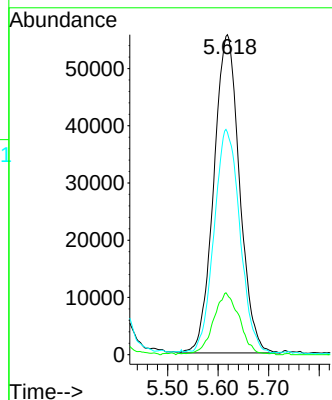


#15
Acrylonitrile
Concen: 24.120 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.062 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Instrument :
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ClientSampleId :

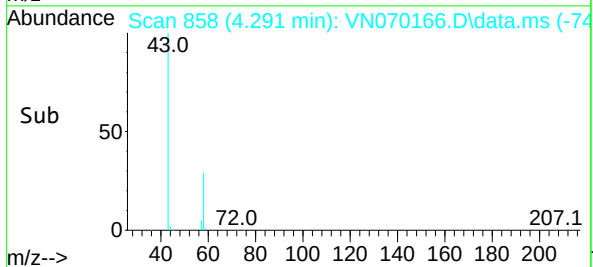
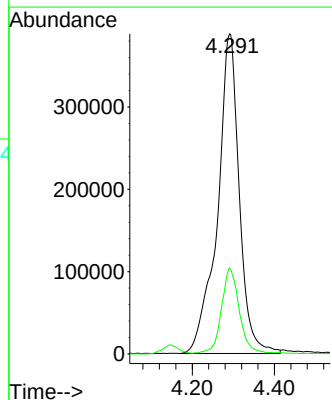
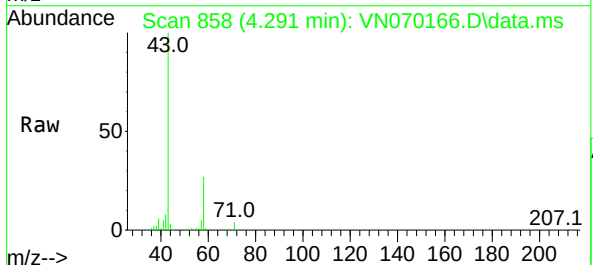


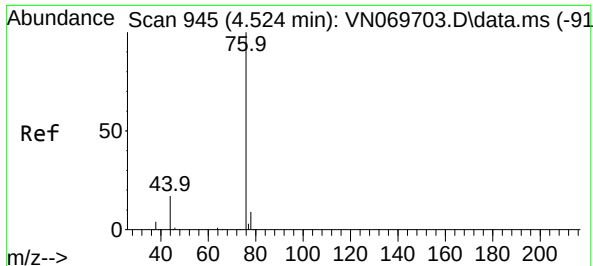
Tgt Ion: 53 Resp: 197035
Ion Ratio Lower Upper
53 100
52 18.8 66.2 99.2#
51 70.2 29.6 44.4#



#16
Acetone
Concen: 148.336 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

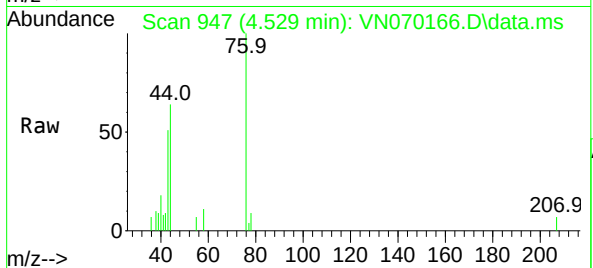
Tgt Ion: 43 Resp: 1431080
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7



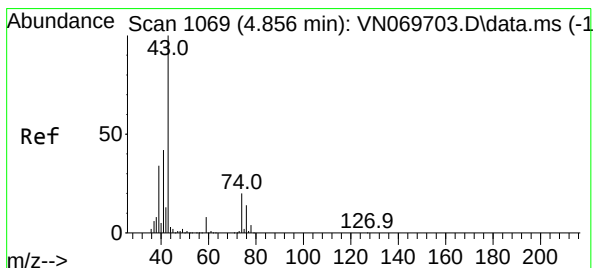
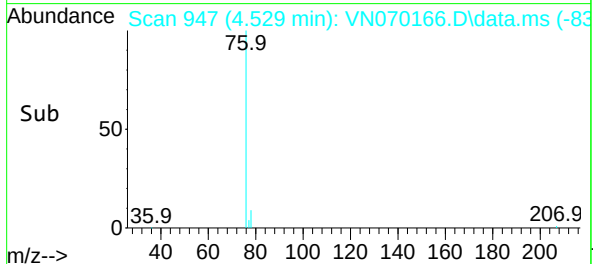
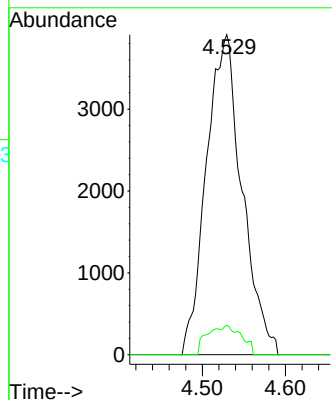


#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN070166.D
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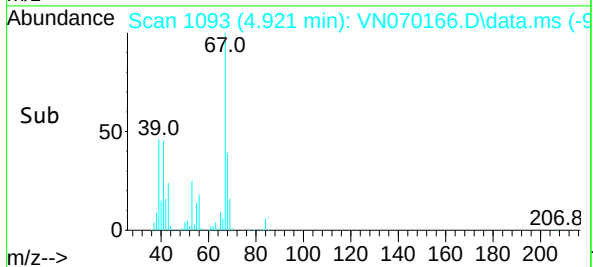
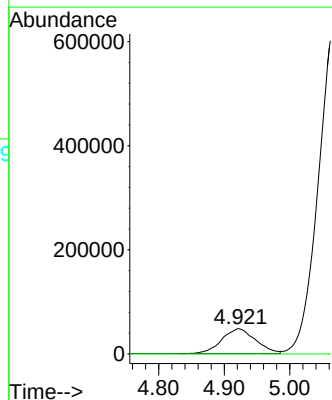
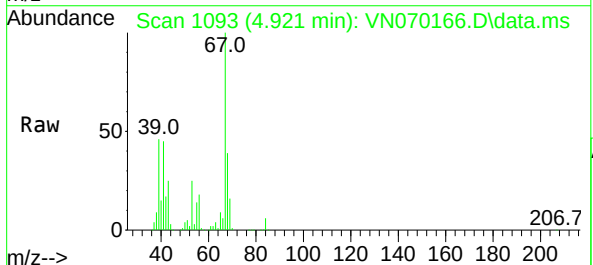


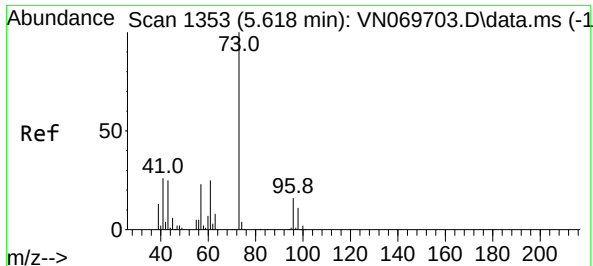
Tgt Ion: 76 Resp: 11670
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 5.891 ug/l
RT: 4.921 min Scan# 1093
Delta R.T. 0.064 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 43 Resp: 171551
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

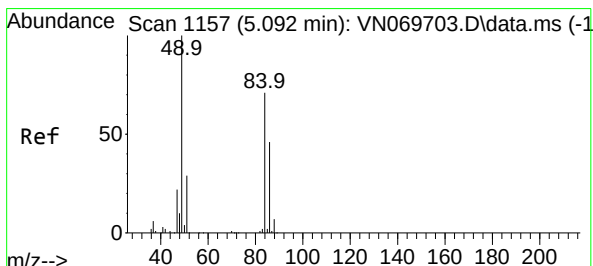
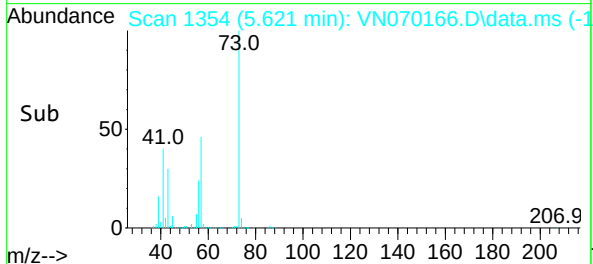
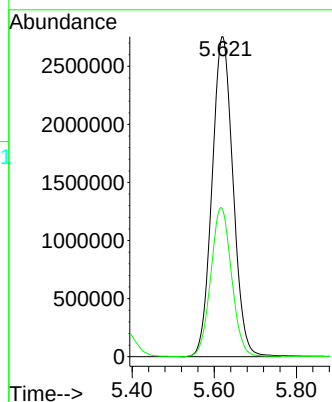
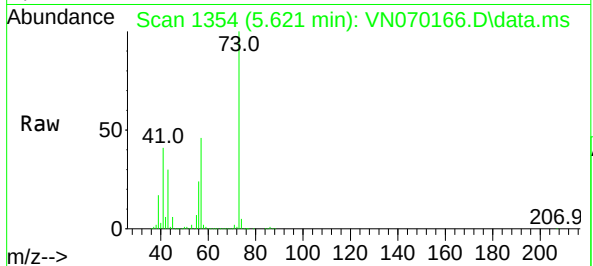




#19
Methyl tert-butyl Ether
Concen: 254.325 ug/l
RT: 5.621 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

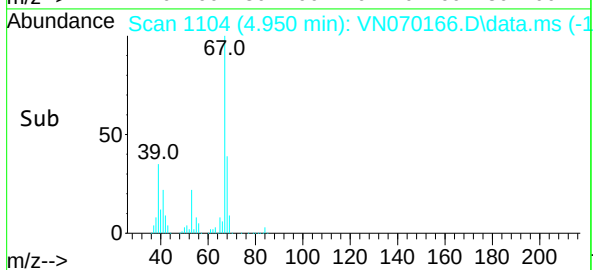
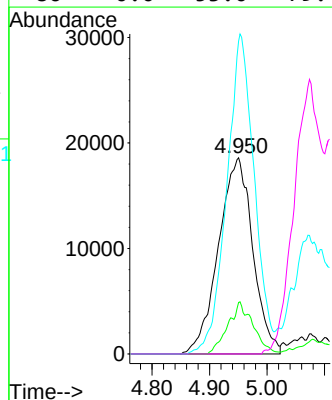
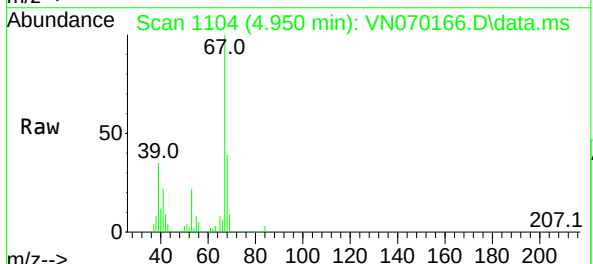
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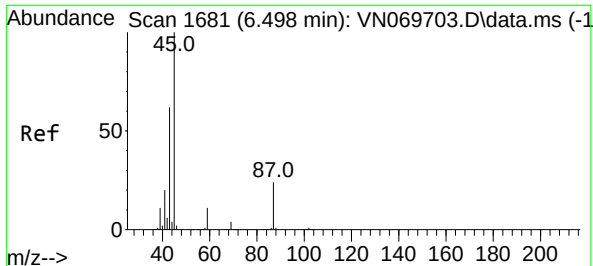
Tgt Ion: 73 Resp: 9784284
Ion Ratio Lower Upper
73 100
57 45.6 16.8 25.2#



#20
Methylene Chloride
Concen: 5.996 ug/l
RT: 4.950 min Scan# 1104
Delta R.T. -0.142 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 84 Resp: 76897
Ion Ratio Lower Upper
84 100
49 26.3 93.5 140.3#
51 159.4 29.4 44.2#
86 0.0 53.0 79.4#





#22

Diisopropyl ether

Concen: 16.778 ug/l

RT: 6.501 min Scan# 1

Delta R.T. 0.003 min

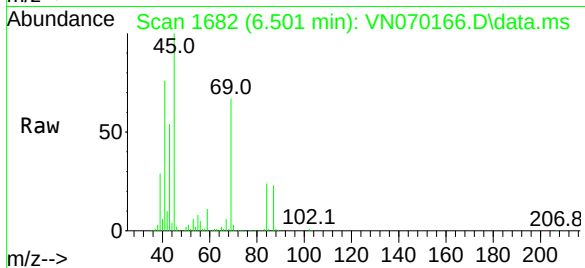
Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 731166

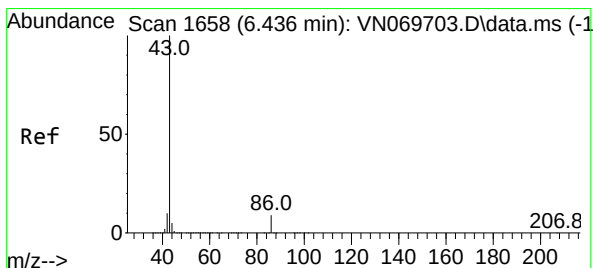
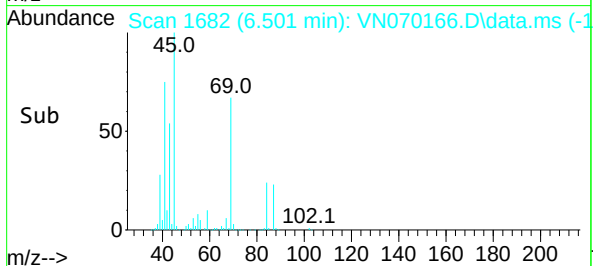
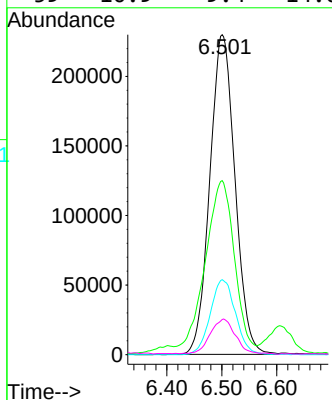
Ion Ratio Lower Upper

45 100

43 51.7 51.7 77.5

87 23.5 23.2 34.8

59 10.9 9.4 14.0



#23

Vinyl Acetate

Concen: 12.962 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.064 min

Lab File: VN070166.D

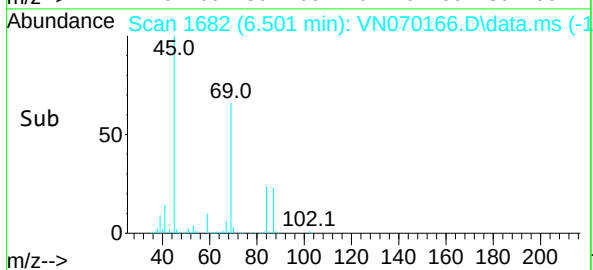
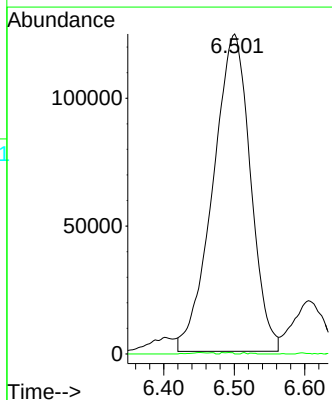
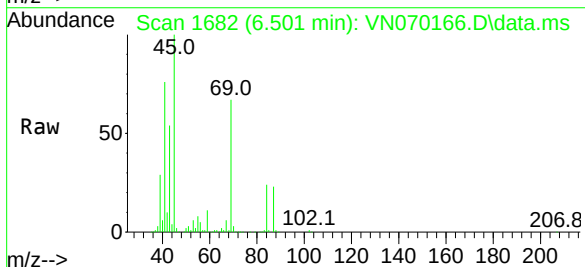
Acq: 17 Dec 2021 16:10

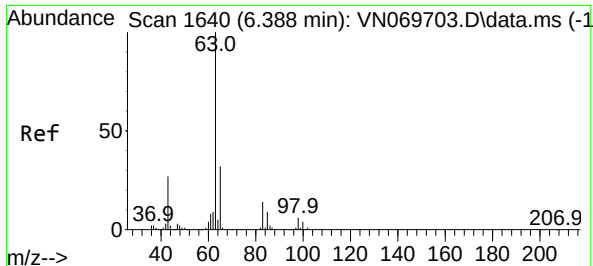
Tgt Ion: 43 Resp: 459526

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#





#24

1,1-Dichloroethane

Concen: 1.281 ug/l

RT: 6.460 min Scan# 1

Delta R.T. 0.072 min

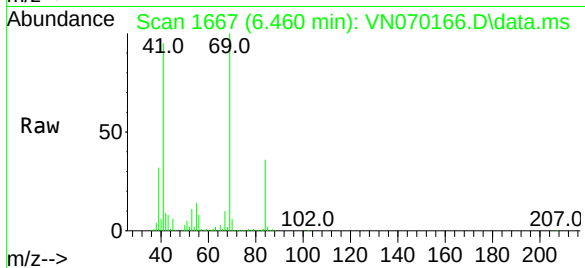
Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

ClientSampleId :



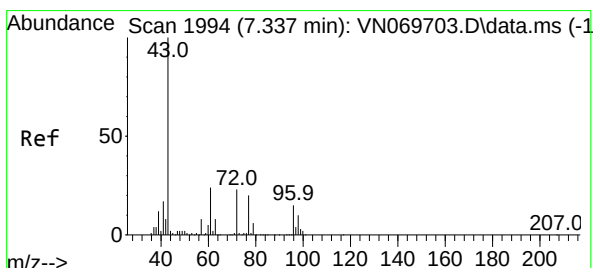
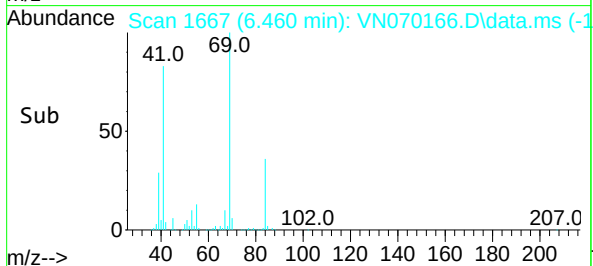
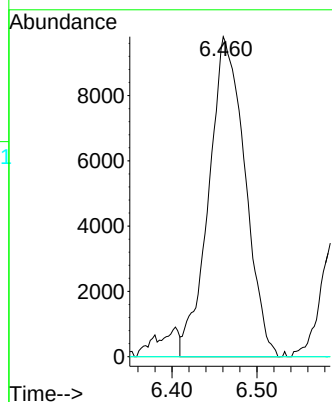
Tgt Ion: 63 Resp: 28911

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 42.345 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN070166.D

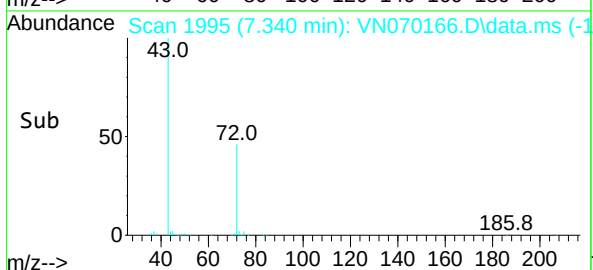
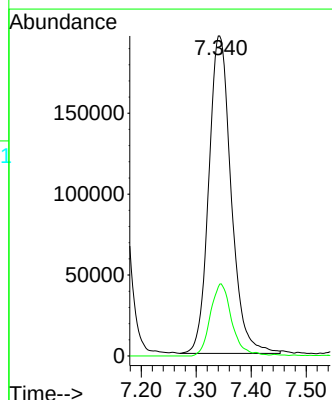
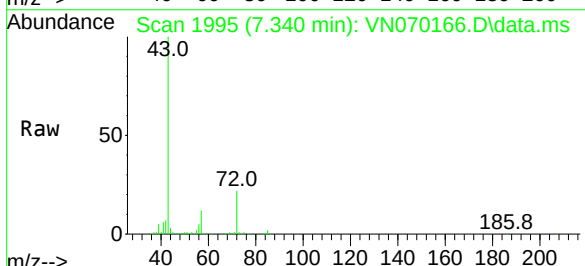
Acq: 17 Dec 2021 16:10

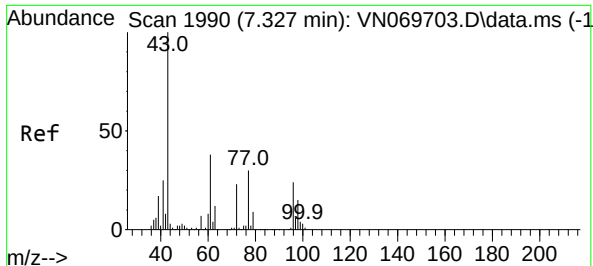
Tgt Ion: 43 Resp: 555071

Ion Ratio Lower Upper

43 100

72 21.7 21.7 32.5





#26

2,2-Dichloropropane

Concen: 3.183 ug/l

RT: 7.142 min Scan# 19

Delta R.T. -0.185 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

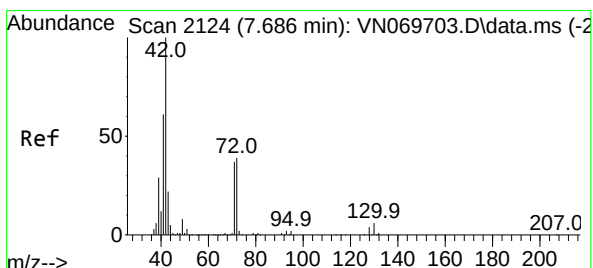
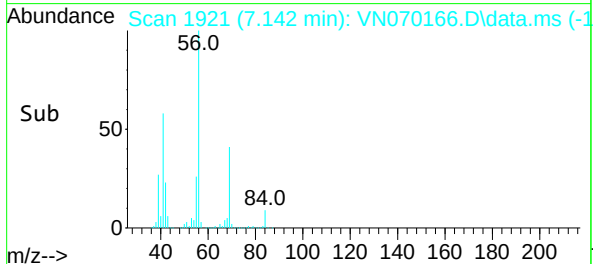
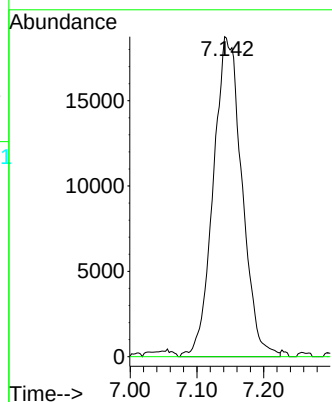
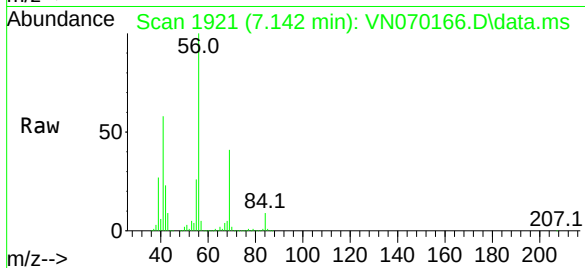
ClientSampleId :

Tgt Ion: 77 Resp: 55860

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 0.815 ug/l

RT: 7.694 min Scan# 2127

Delta R.T. 0.008 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

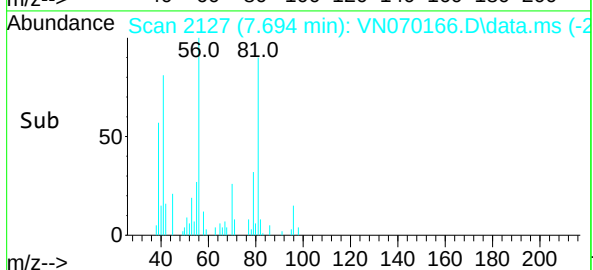
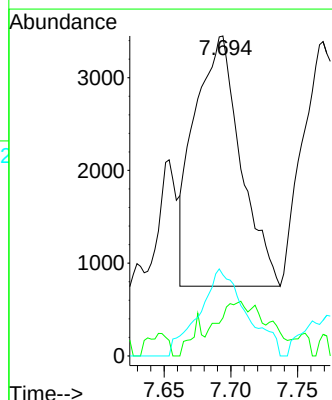
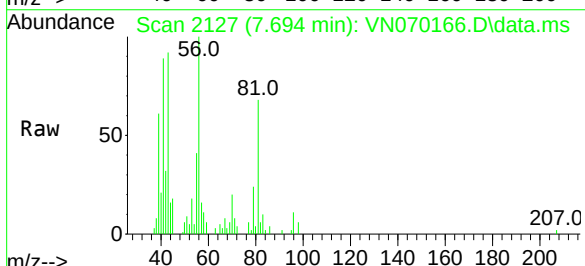
Tgt Ion: 42 Resp: 6485

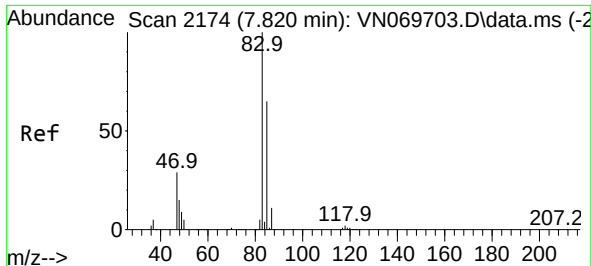
Ion Ratio Lower Upper

42 100

72 7.7 36.3 54.5#

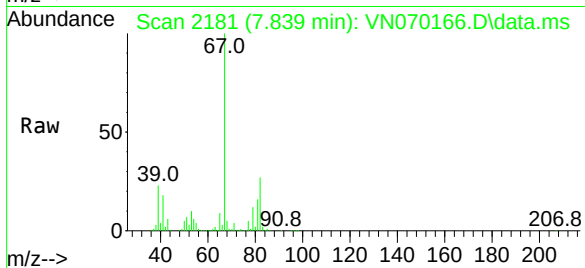
71 35.3 34.7 52.1



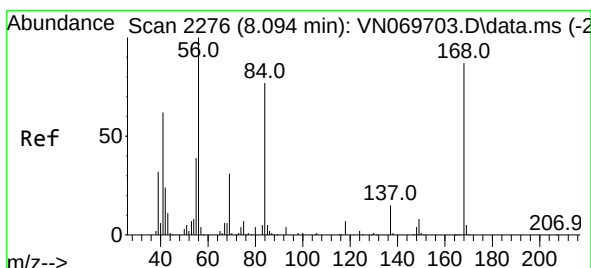
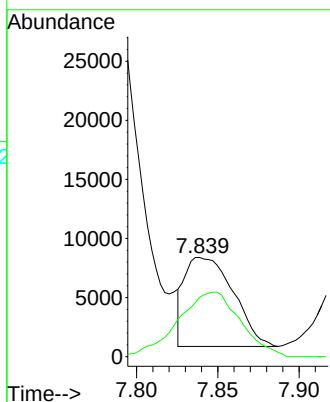
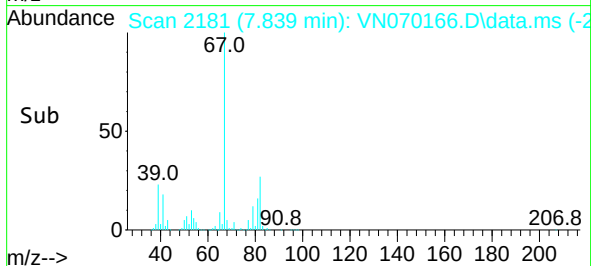


#30
Chloroform
Concen: 0.688 ug/l
RT: 7.839 min Scan# 2181
Delta R.T. 0.019 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

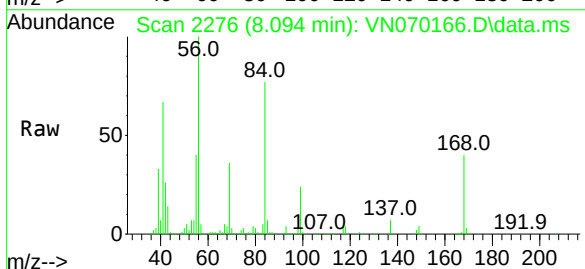
Instrument :
MSVOA_N
ClientSampleId :



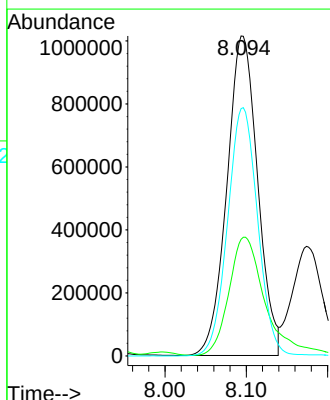
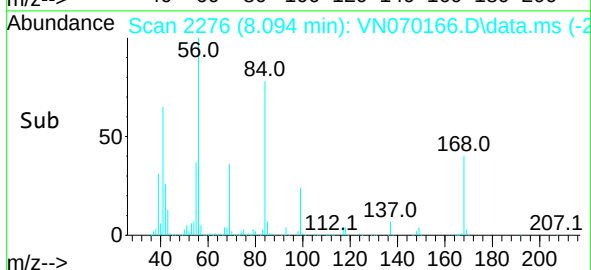
Tgt Ion: 83 Resp: 15679
Ion Ratio Lower Upper
83 100
85 61.9 51.9 77.9

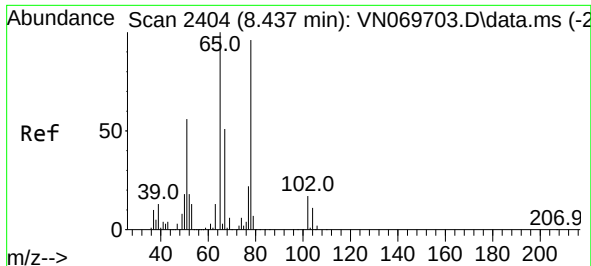


#31
Cyclohexane
Concen: 119.453 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10



Tgt Ion: 56 Resp: 2666096
Ion Ratio Lower Upper
56 100
69 36.0 27.1 40.7
84 77.4 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 46.148 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

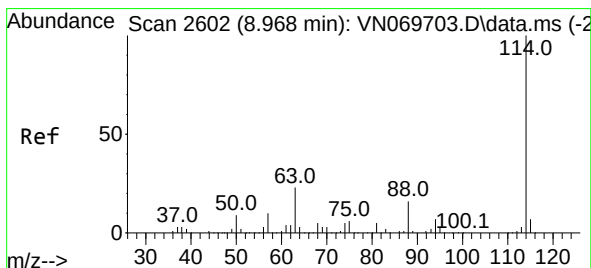
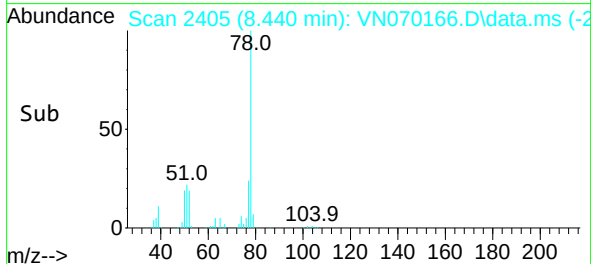
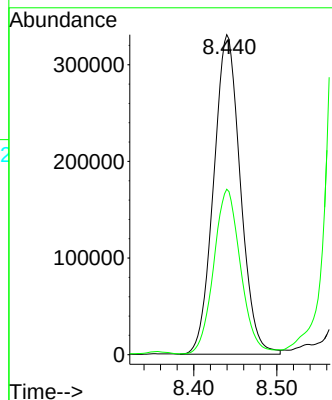
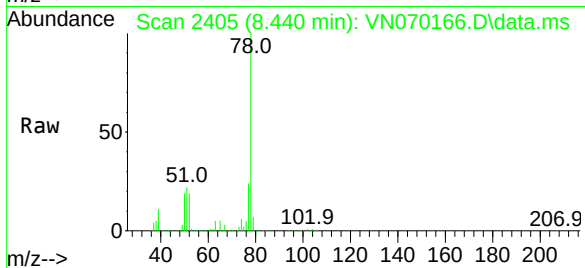
ClientSampleId :

Tgt Ion: 65 Resp: 740119

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

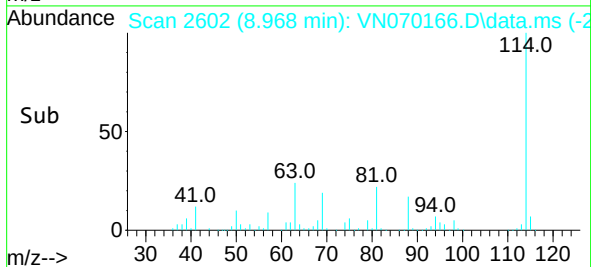
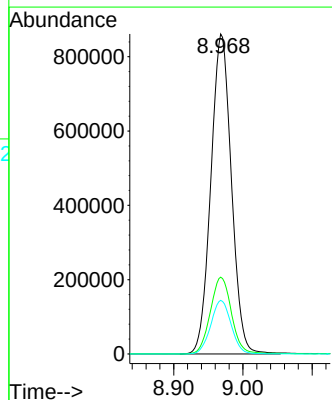
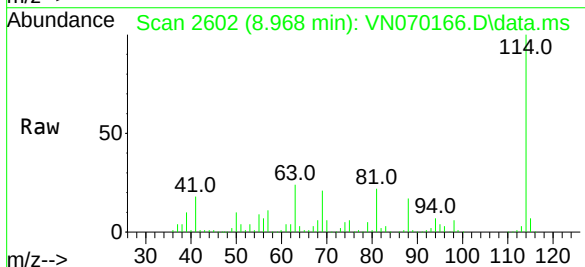
Tgt Ion: 114 Resp: 1774320

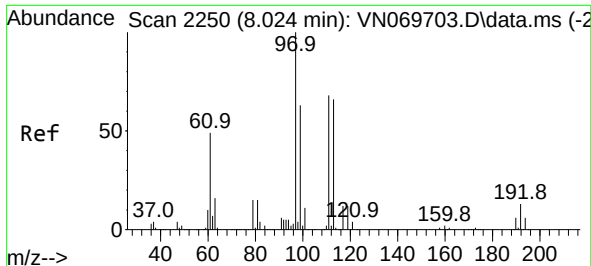
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

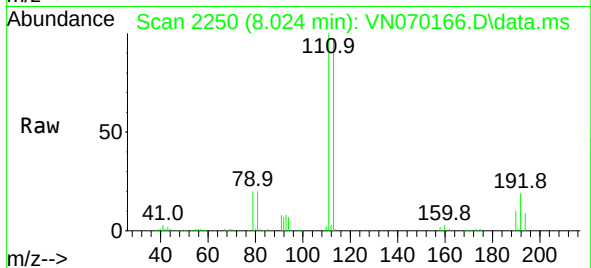
88 16.7 0.0 27.4



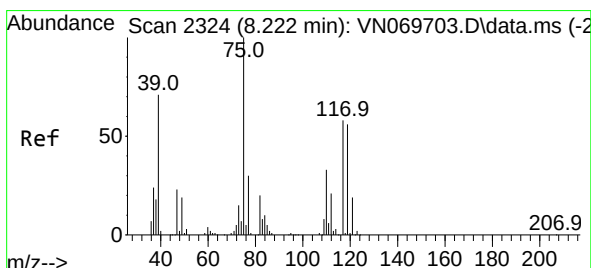
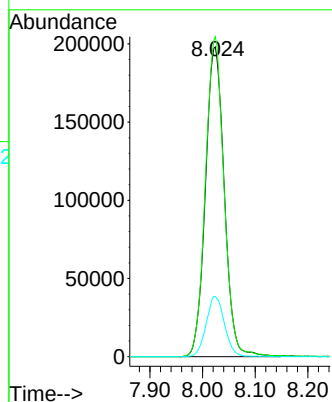
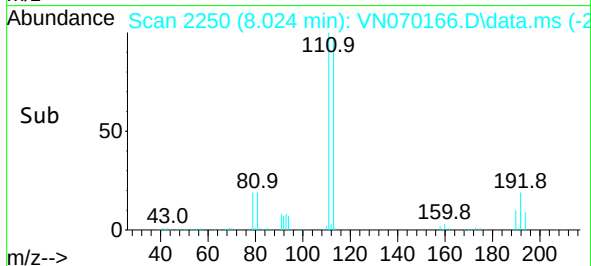


#35
 Dibromofluoromethane
 Concen: 44.409 ug/l
 RT: 8.024 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

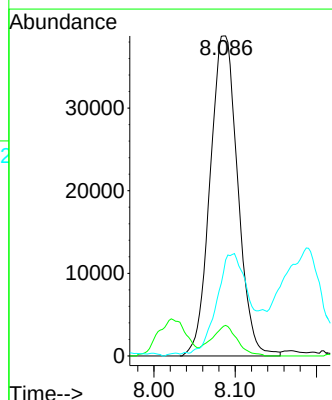
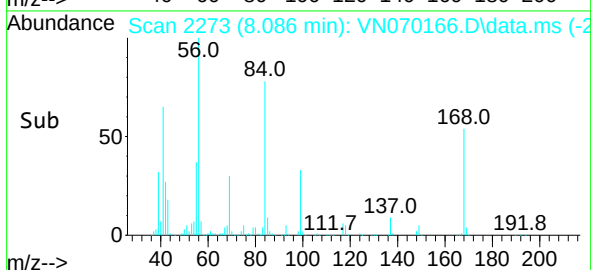
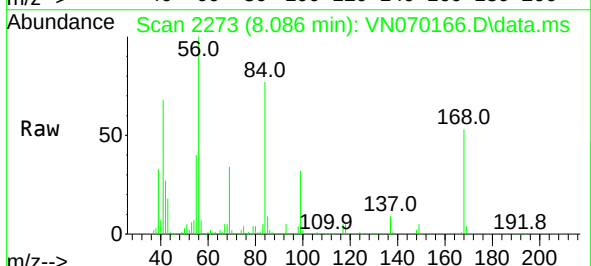


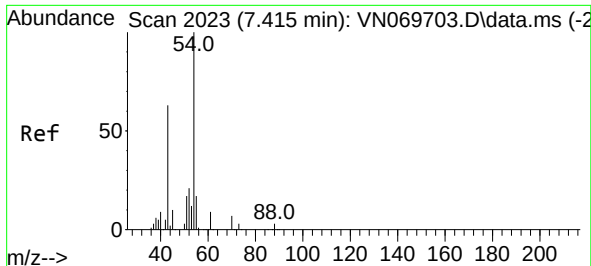
Tgt Ion:113 Resp: 493561
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 18.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 5.415 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Tgt Ion: 75 Resp: 91459
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 22.079 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. -0.075 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

ClientSampleId :

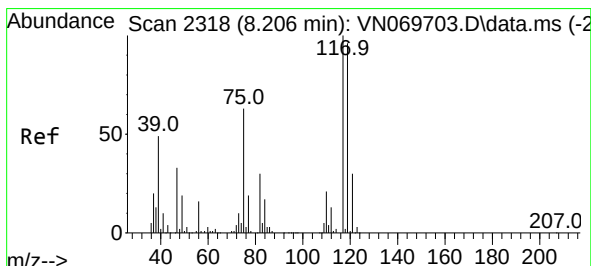
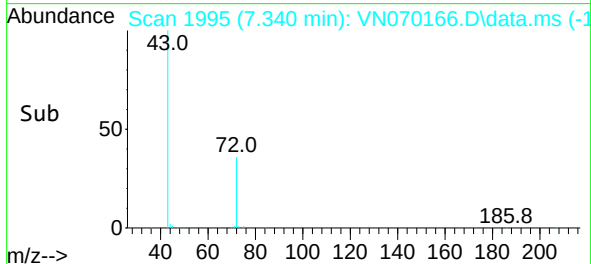
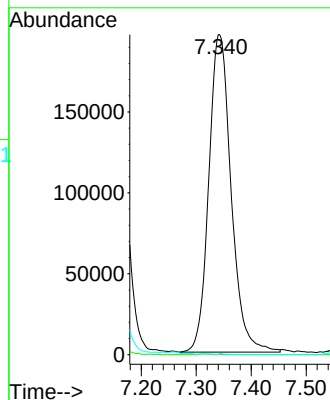
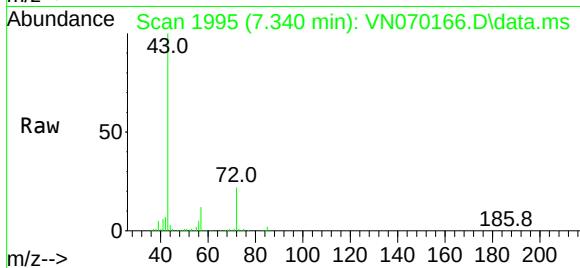
Tgt Ion: 43 Resp: 555071

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.121 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

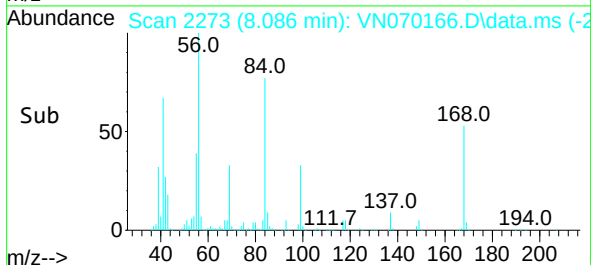
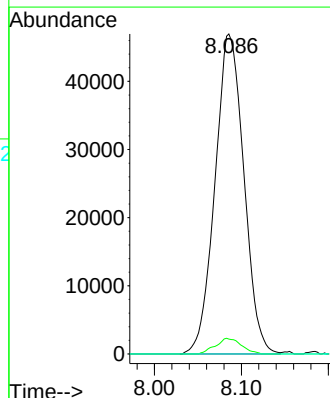
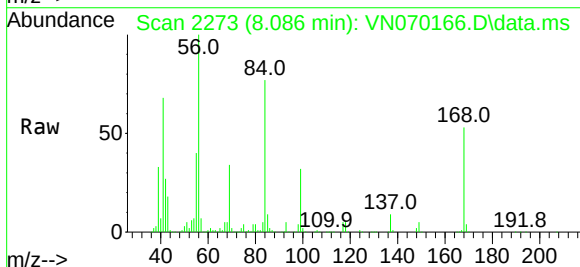
Tgt Ion: 117 Resp: 108288

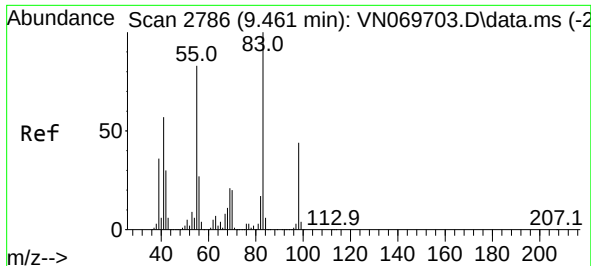
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

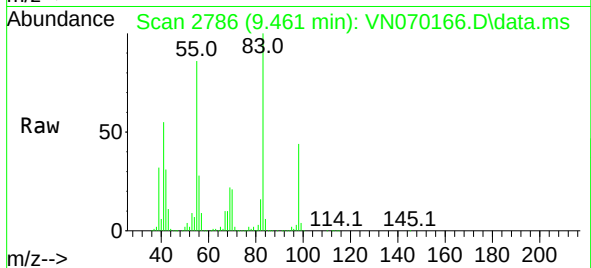
121 0.0 24.2 36.2#





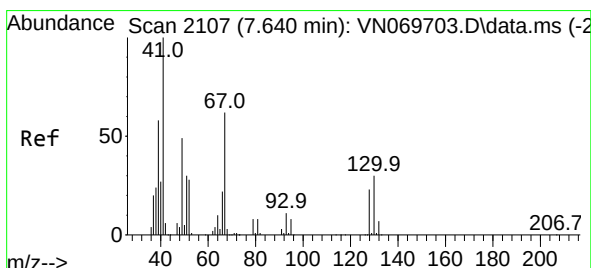
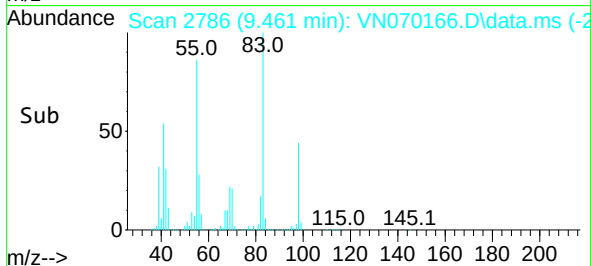
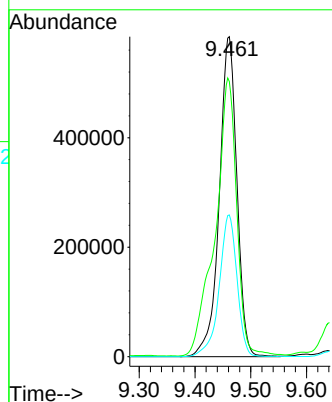
#39
Methylcyclohexane
Concen: 63.795 ug/l
RT: 9.461 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 83 Resp: 1281742

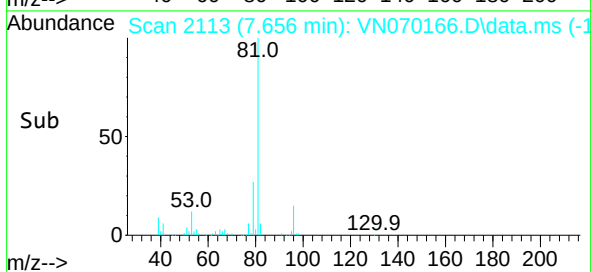
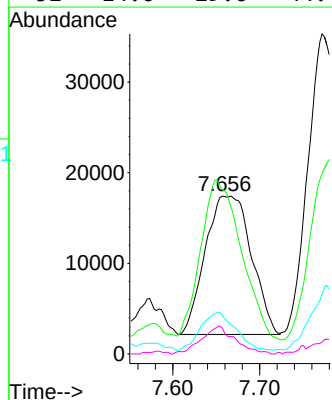
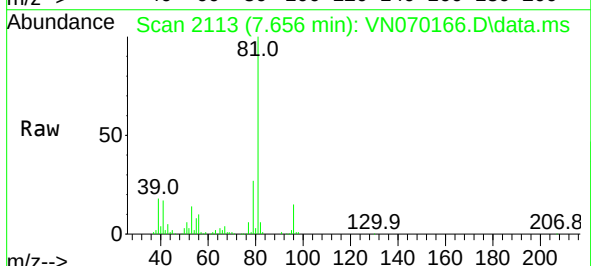
Ion	Ratio	Lower	Upper
83	100		
55	85.8	58.1	87.1
98	44.3	38.4	57.6

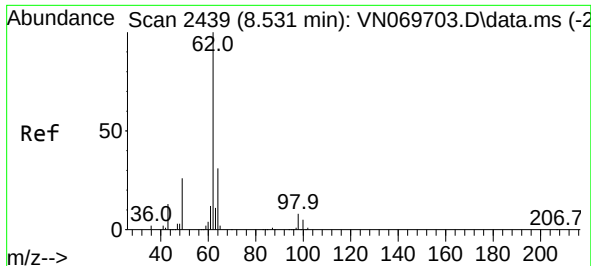


#41
Methacrylonitrile
Concen: 4.763 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.016 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 41 Resp: 56205

Ion	Ratio	Lower	Upper
41	100		
39	101.9	48.1	72.1#
67	0.0	68.3	102.5#
52	14.6	29.6	44.4#





#42

1,2-Dichloroethane

Concen: 19.793 ug/l

RT: 8.464 min Scan# 2414

Delta R.T. -0.067 min

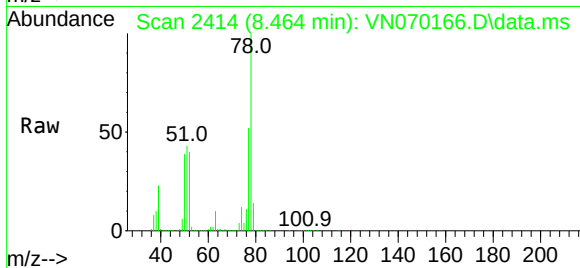
Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

ClientSampleId :

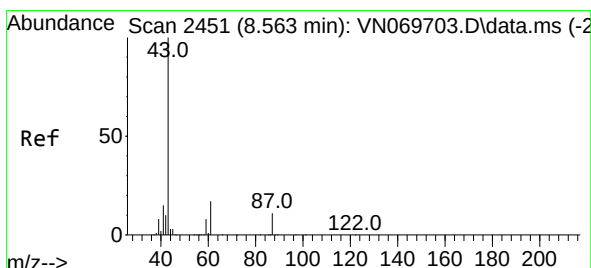
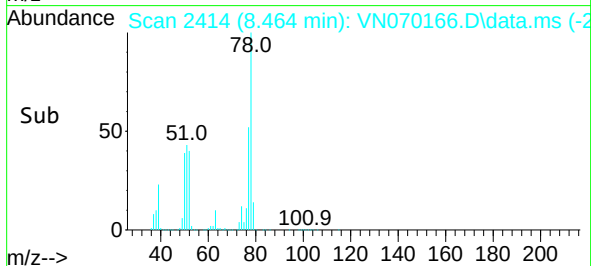
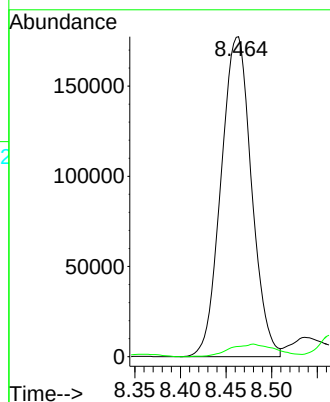


Tgt Ion: 62 Resp: 412509

Ion Ratio Lower Upper

62 100

98 6.1 0.0 17.6



#43

Isopropyl Acetate

Concen: 80.754 ug/l

RT: 8.539 min Scan# 2442

Delta R.T. -0.024 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

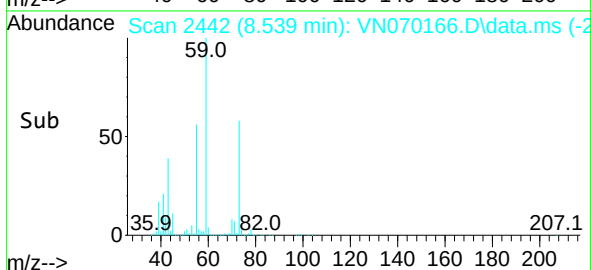
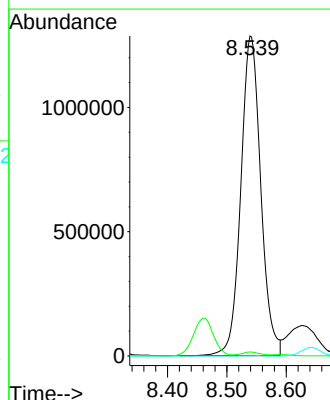
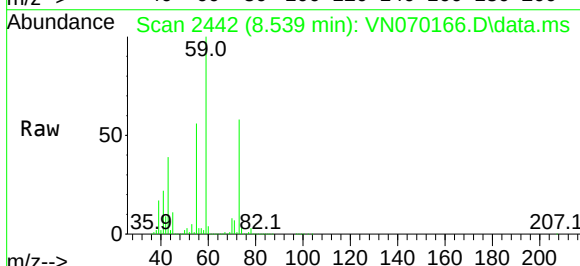
Tgt Ion: 43 Resp: 3004289

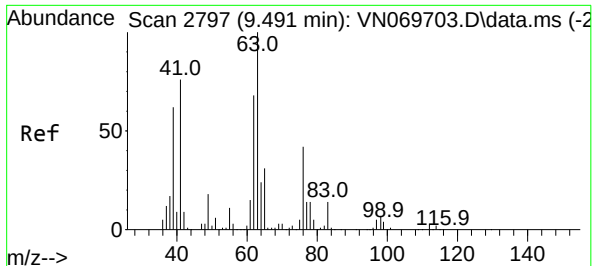
Ion Ratio Lower Upper

43 100

61 0.7 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 1.127 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.032 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

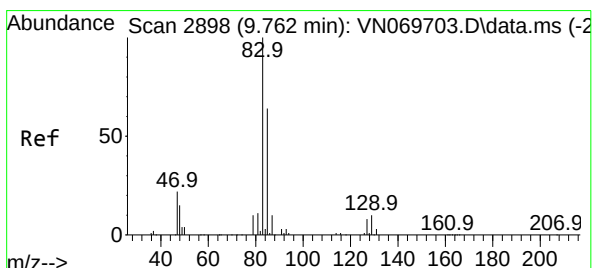
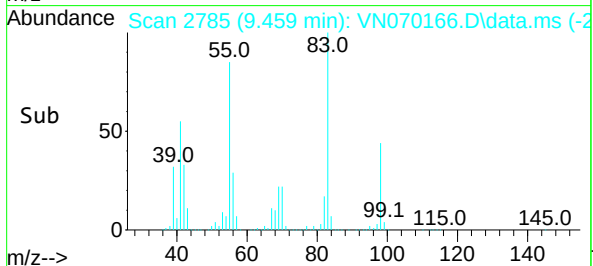
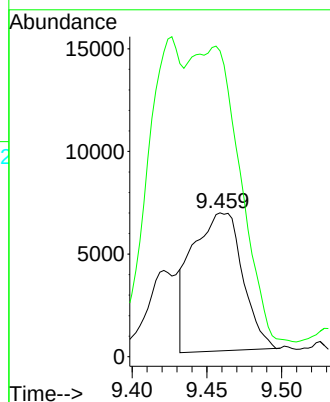
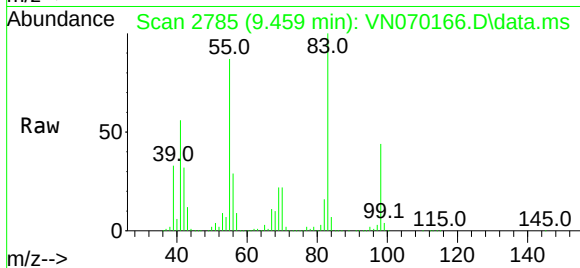
ClientSampleId :

Tgt Ion: 63 Resp: 15630

Ion Ratio Lower Upper

63 100

65 213.2 24.7 37.1#



#47

Bromodichloromethane

Concen: 1.576 ug/l

RT: 9.743 min Scan# 2891

Delta R.T. -0.019 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

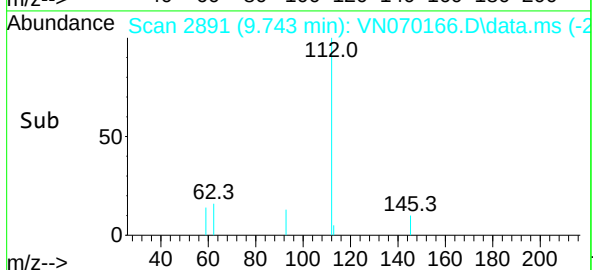
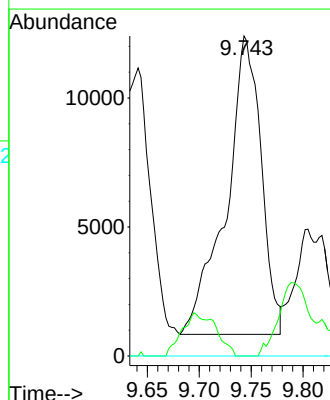
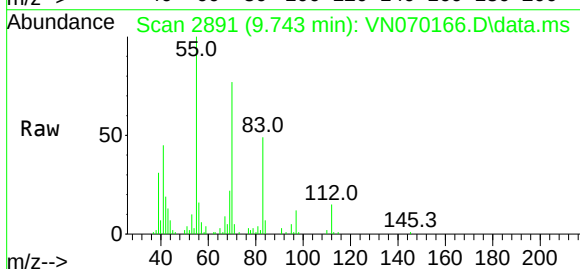
Tgt Ion: 83 Resp: 27133

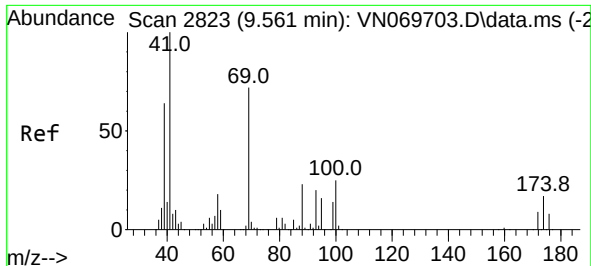
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#

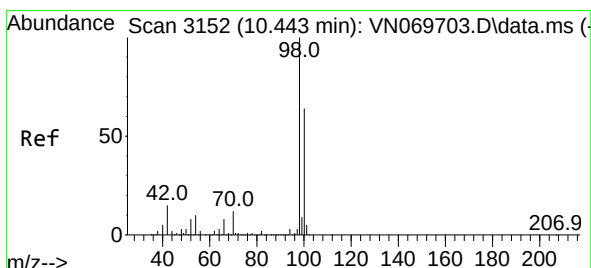
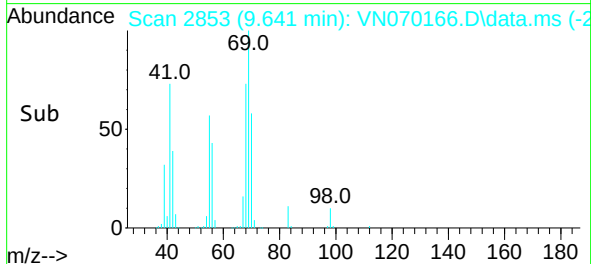
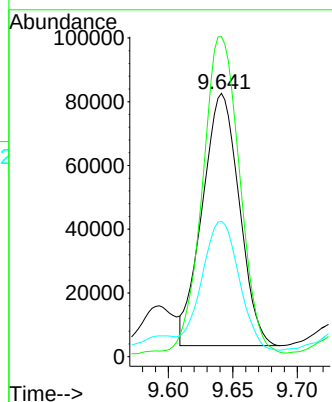
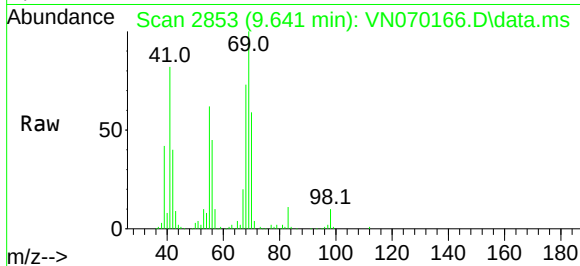




#48
Methyl methacrylate
Concen: 9.066 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

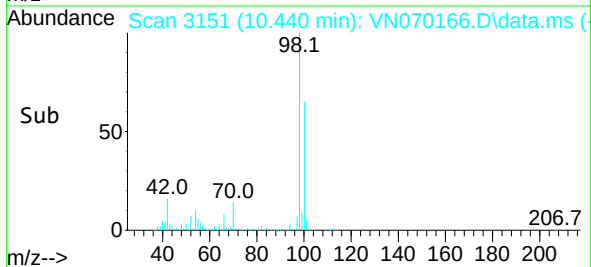
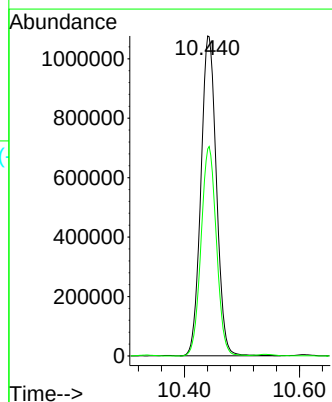
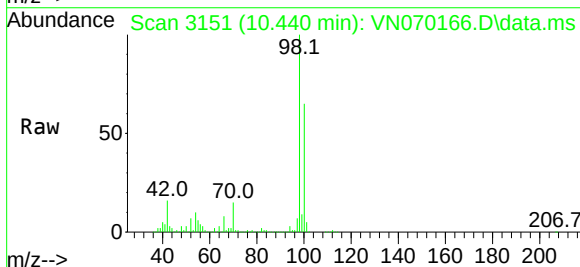
Instrument :
MSVOA_N
ClientSampleId :

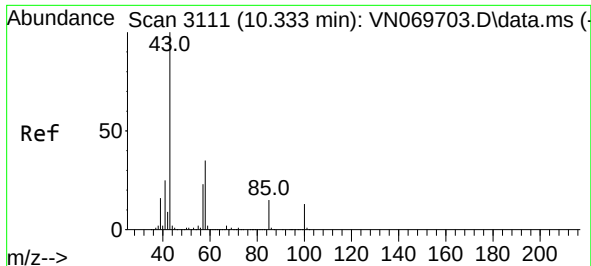
Tgt Ion: 41 Resp: 157409
Ion Ratio Lower Upper
41 100
69 128.4 72.4 108.6#
39 52.1 58.4 87.6#



#50
Toluene-d8
Concen: 45.073 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 98 Resp: 2011437
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6

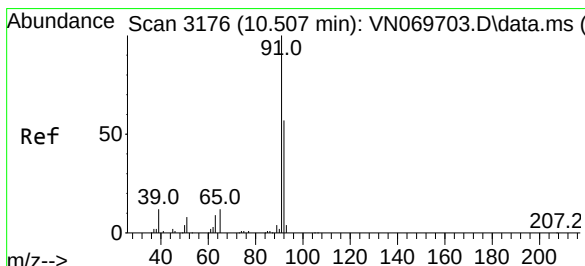
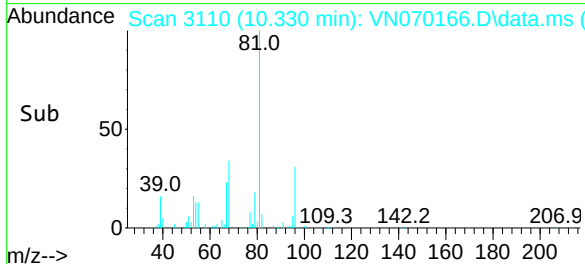
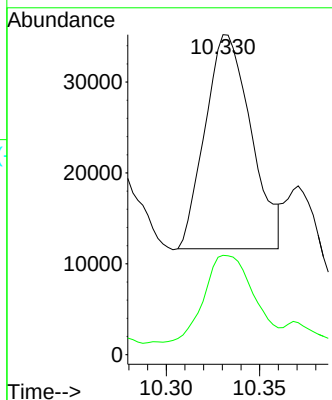
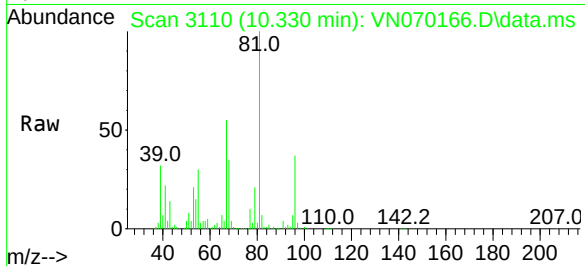




#51
4-Methyl-2-Pentanone
Concen: 1.673 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

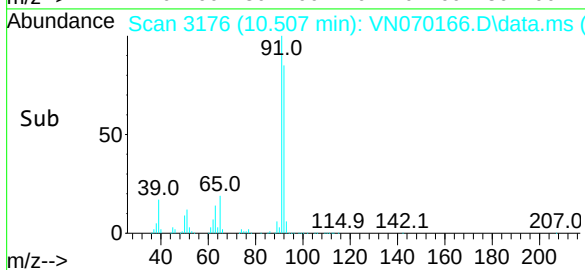
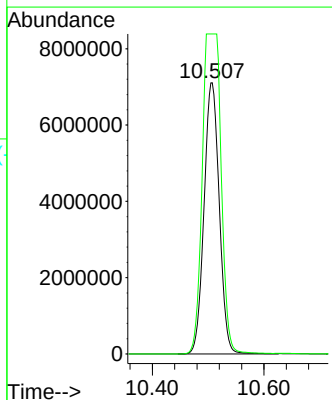
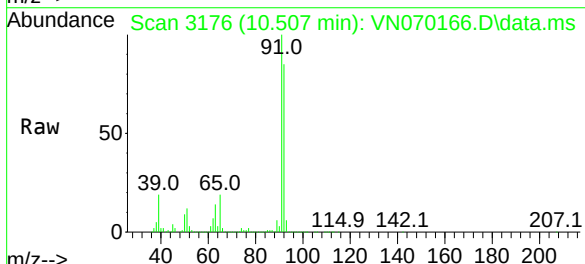
Instrument :
MSVOA_N
ClientSampleId :

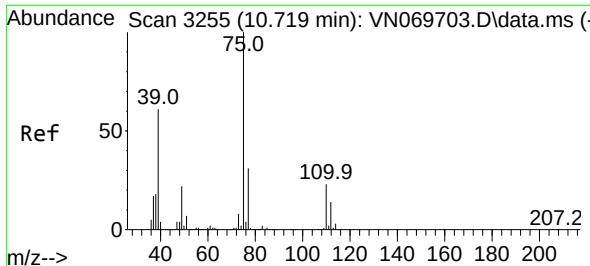
Tgt Ion: 43 Resp: 40388
Ion Ratio Lower Upper
43 100
58 42.3 30.4 45.6



#52
Toluene
Concen: 427.124 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 92 Resp:13463162
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#

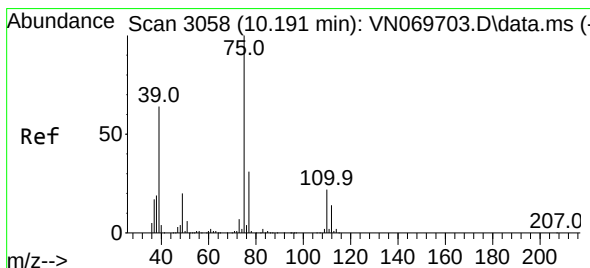
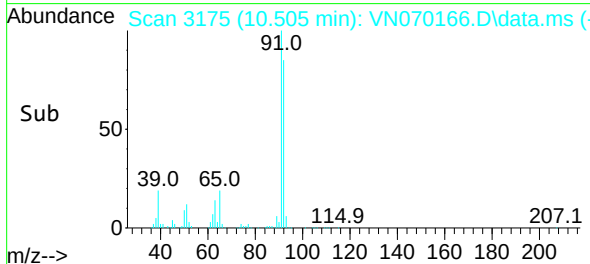
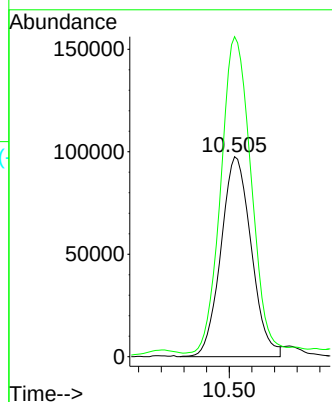
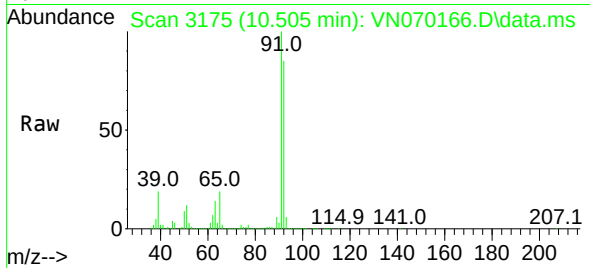




#53
 t-1,3-Dichloropropene
 Concen: 11.057 ug/l
 RT: 10.505 min Scan# 31175
 Delta R.T. -0.214 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

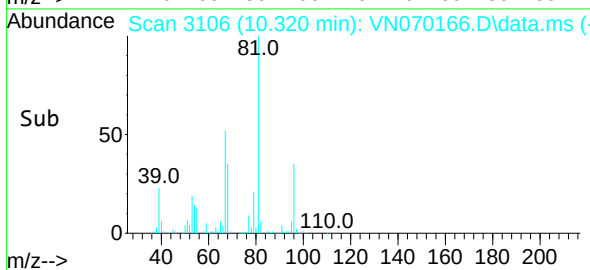
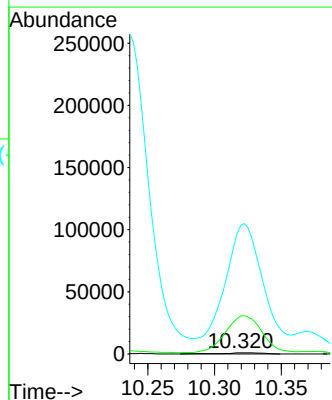
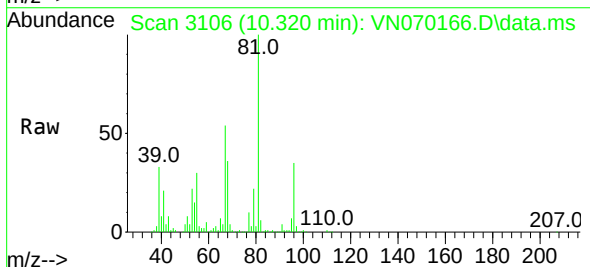
Instrument :
 MSVOA_N
 ClientSampleId :

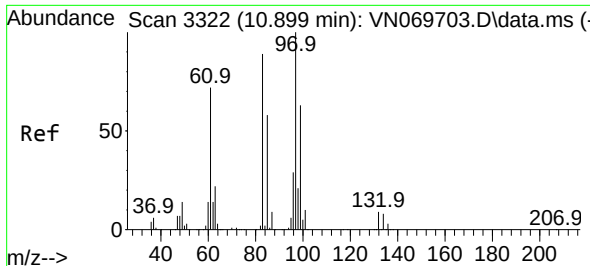
Tgt Ion: 75 Resp: 181246
 Ion Ratio Lower Upper
 75 100
 77 158.1 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 2.083 ug/l
 RT: 10.320 min Scan# 3106
 Delta R.T. 0.129 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

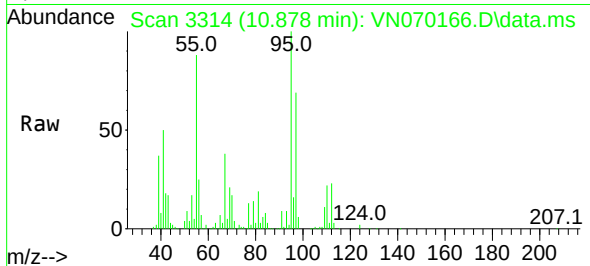
Tgt Ion: 75 Resp: 1905
 Ion Ratio Lower Upper
 75 100
 77 3290.2 26.4 39.6#
 39 9674.8 42.5 63.7#



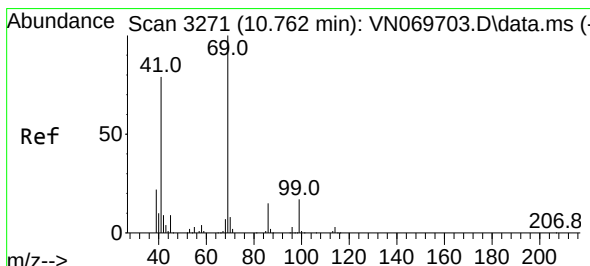
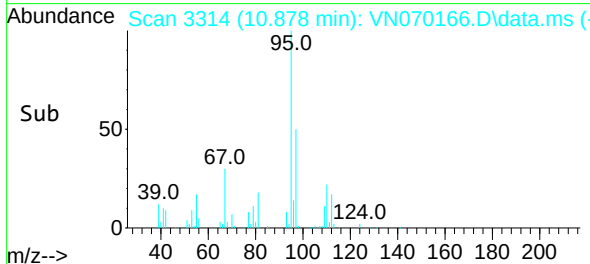
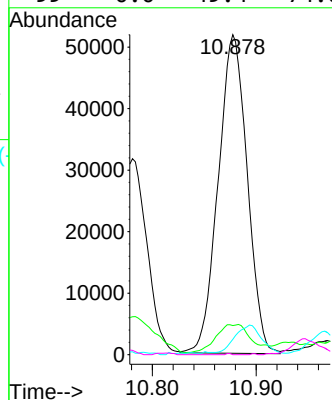


#55
 1,1,2-Trichloroethane
 Concen: 7.890 ug/l
 RT: 10.878 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

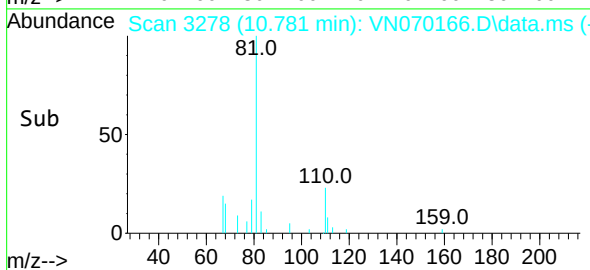
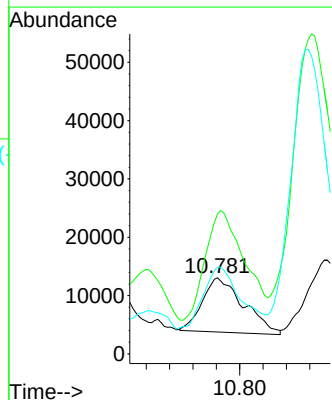
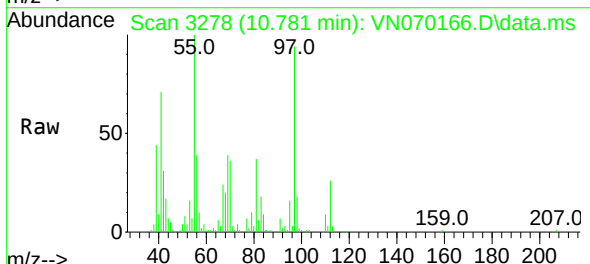


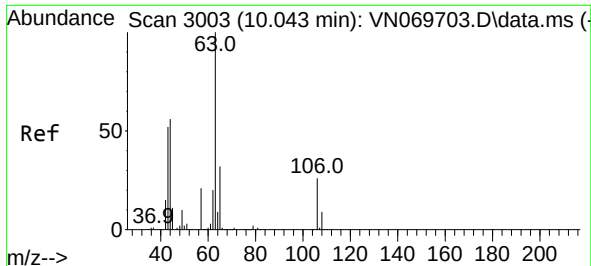
Tgt Ion: 97 Resp: 100344
 Ion Ratio Lower Upper
 97 100
 83 8.1 67.8 101.6#
 85 4.3 45.4 68.2#
 99 0.0 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 3.191 ug/l
 RT: 10.781 min Scan# 3278
 Delta R.T. 0.019 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Tgt Ion: 69 Resp: 22916
 Ion Ratio Lower Upper
 69 100
 41 197.8 51.4 77.0#
 39 0.0 34.6 52.0#

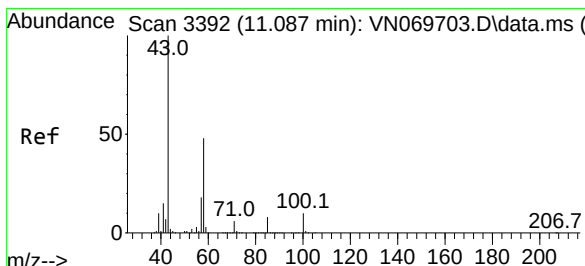
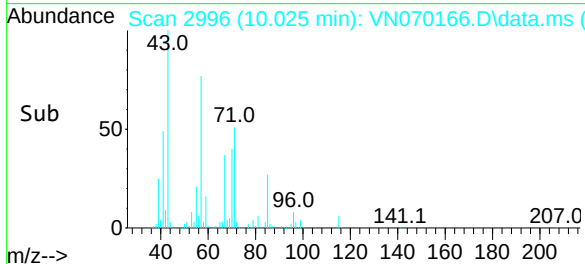
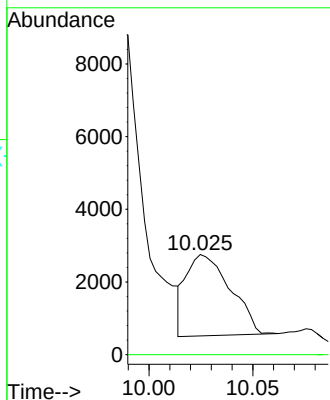
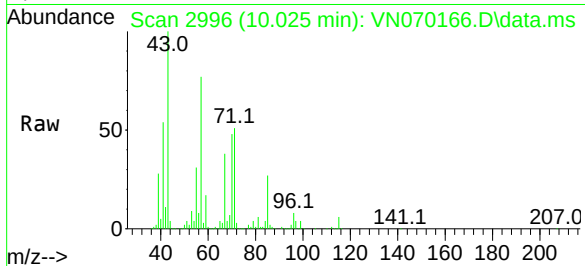




#58
2-Chloroethyl Vinyl ether
Concen: 18.862 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.018 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

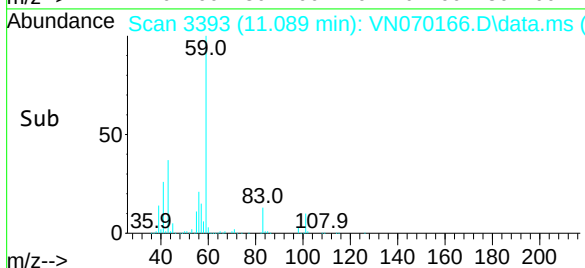
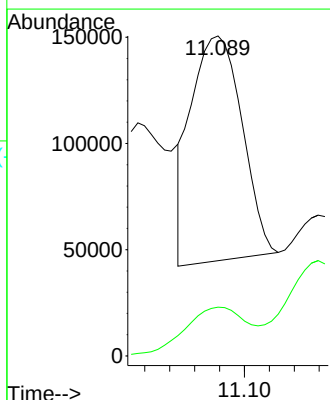
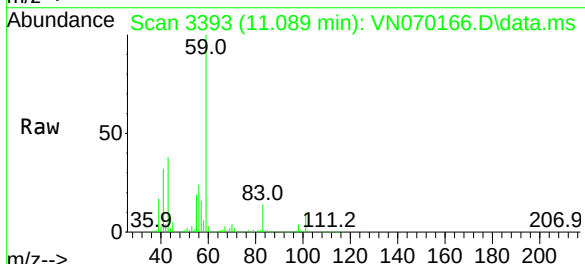
Instrument :
MSVOA_N
ClientSampleId :

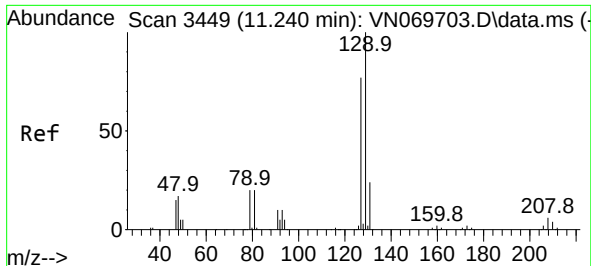
Tgt Ion: 63 Resp: 3309
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 8.238 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 43 Resp: 150395
Ion Ratio Lower Upper
43 100
58 27.4 26.9 80.7

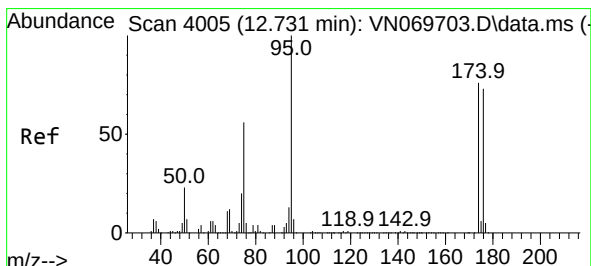
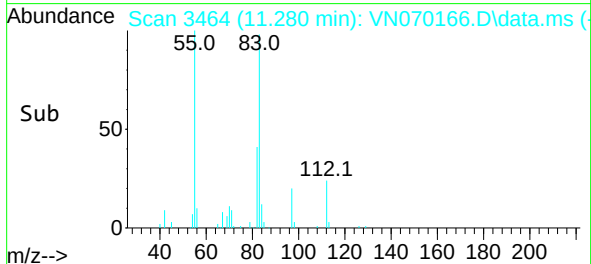
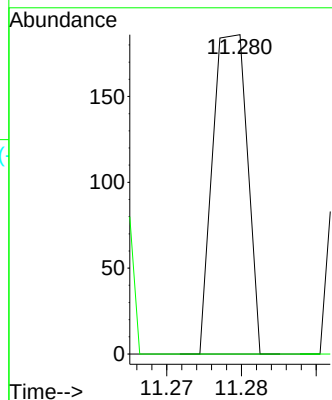
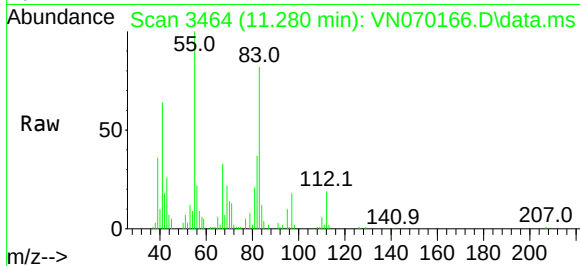




#60
Dibromochloromethane
Concen: 2.380 ug/l
RT: 11.280 min Scan# 3449
Delta R.T. 0.040 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

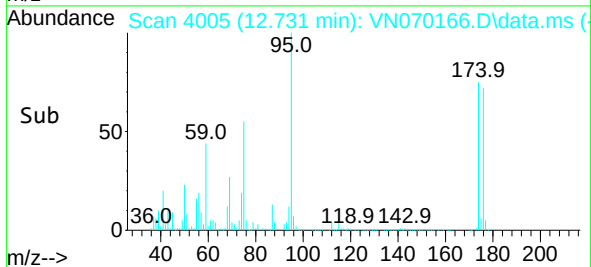
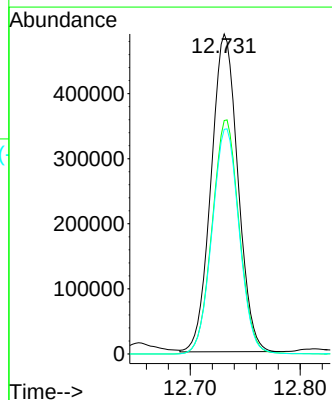
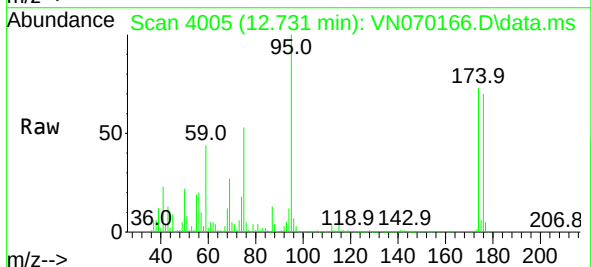
Instrument :
MSVOA_N
ClientSampleId :

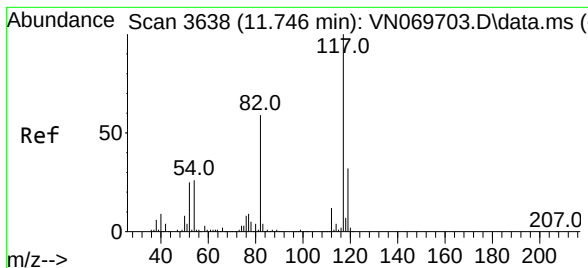
Tgt Ion:129 Resp: 60
Ion Ratio Lower Upper
129 100
127 93.3 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 51.257 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 95 Resp: 828670
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3

Delta R.T. 0.000 min

Lab File: VN070166.D

Acq: 17 Dec 2021 16:10

Instrument :

MSVOA_N

ClientSampleId :

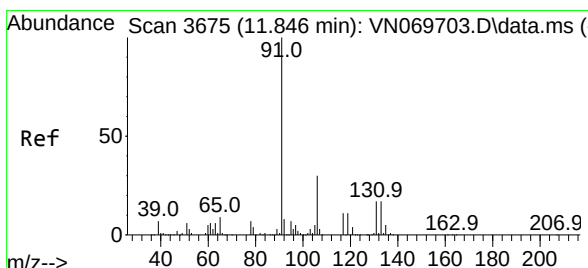
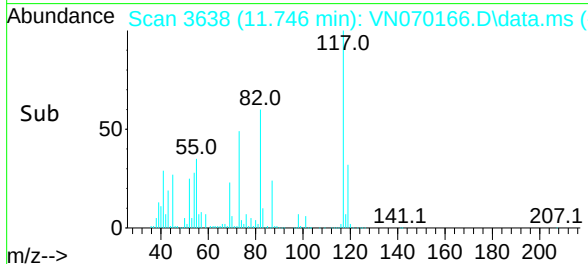
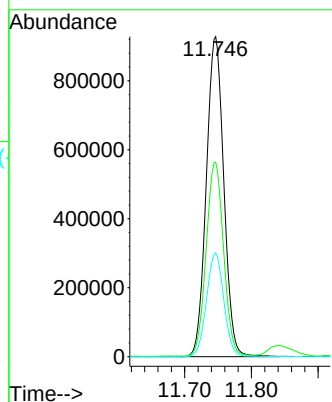
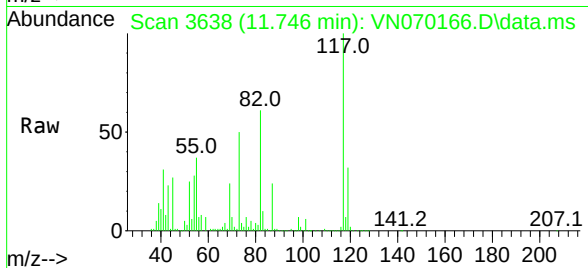
Tgt Ion:117 Resp: 1687205

Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 32.4 25.4 38.2



#67

Ethyl Benzene

Concen: 21.721 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. 0.105 min

Lab File: VN070166.D

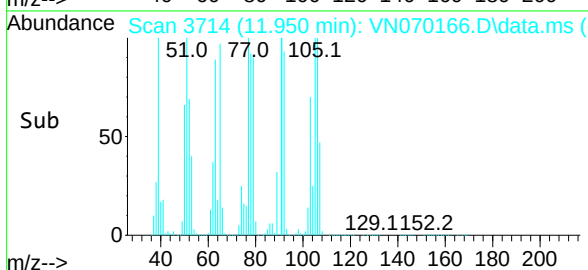
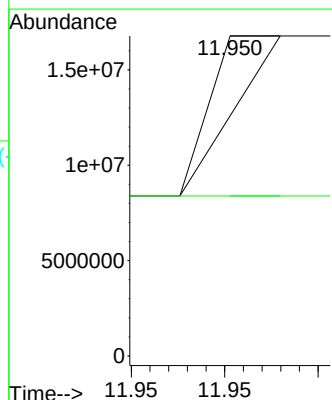
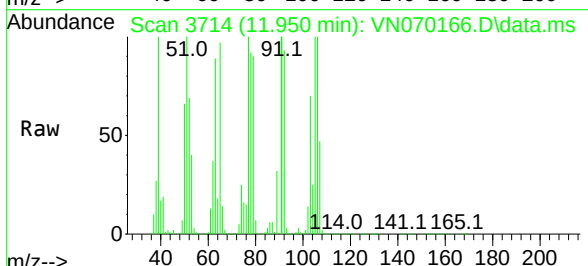
Acq: 17 Dec 2021 16:10

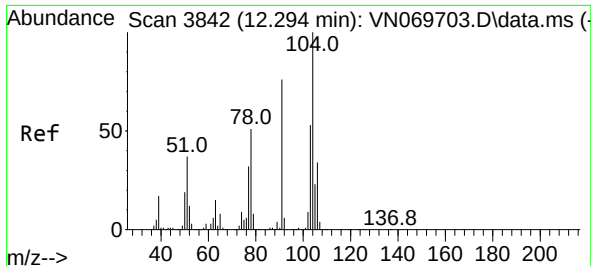
Tgt Ion: 91 Resp: 1350483

Ion Ratio Lower Upper

91 100

106 0.0 25.7 38.5#

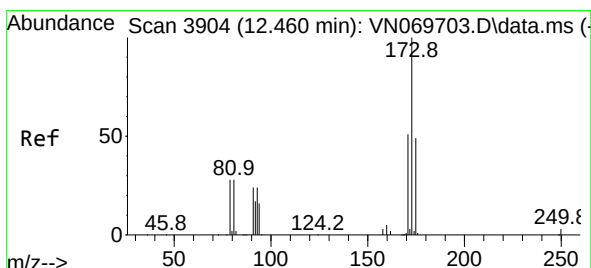
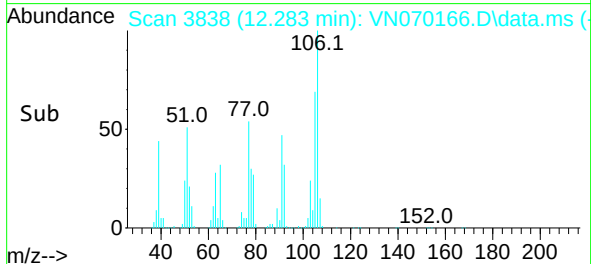
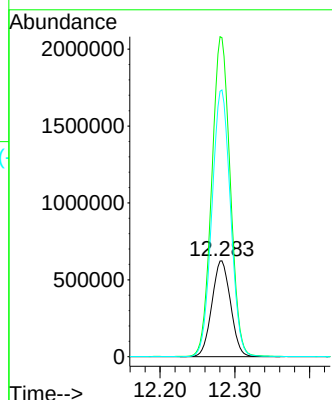
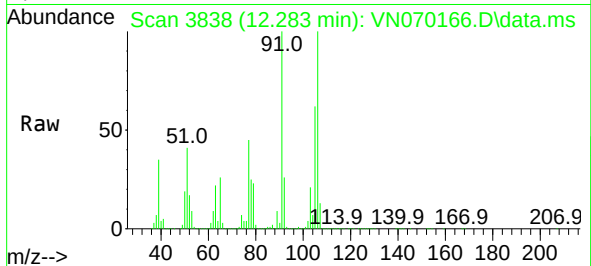




#70
Styrene
Concen: 29.843 ug/l
RT: 12.283 min Scan# 3842
Delta R.T. -0.011 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

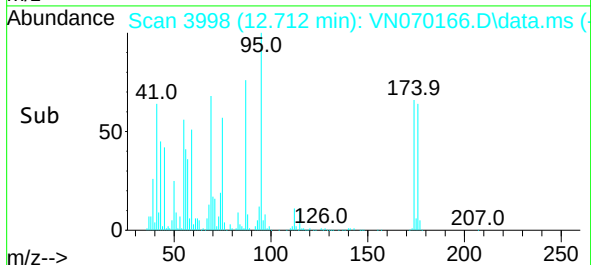
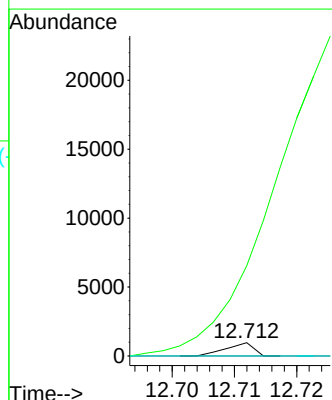
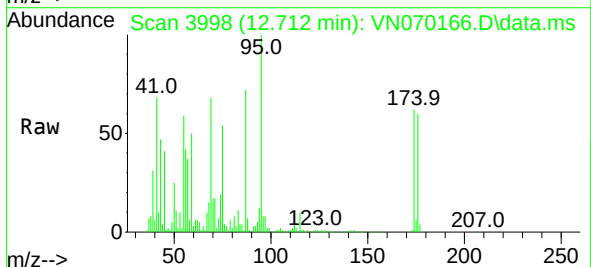
Instrument :
MSVOA_N
ClientSampleId :

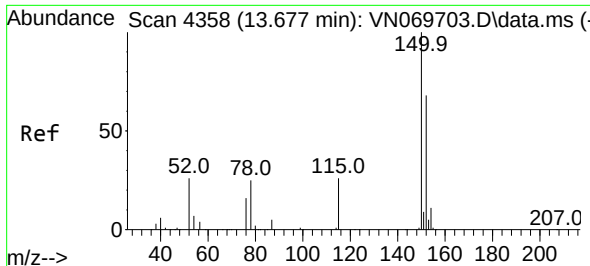
Tgt Ion:104 Resp: 1079102
Ion Ratio Lower Upper
104 100
78 330.8 38.7 58.1#
103 278.1 45.0 67.6#



#71
Bromoform
Concen: 2.758 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

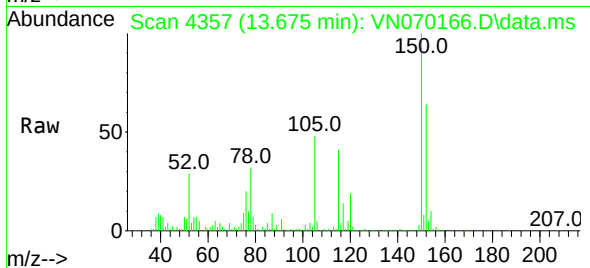
Tgt Ion:173 Resp: 297
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



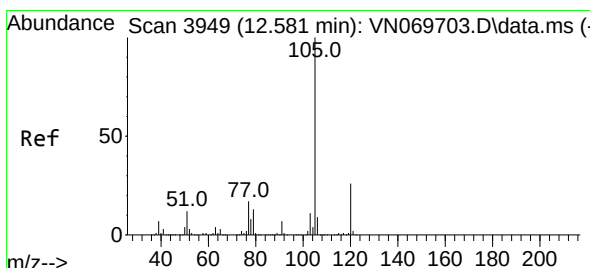
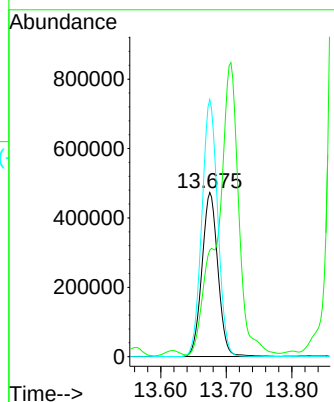
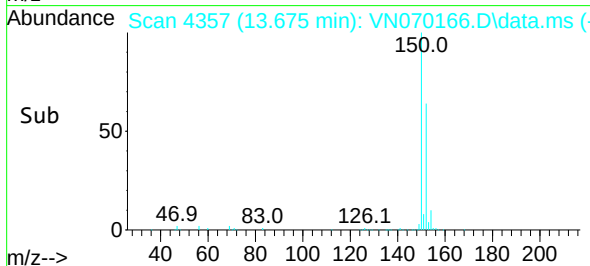


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

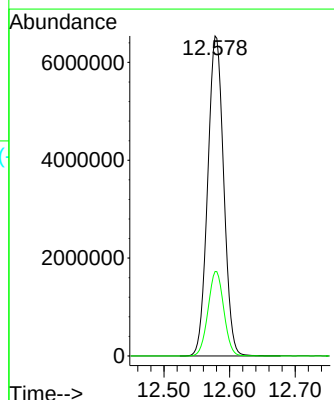
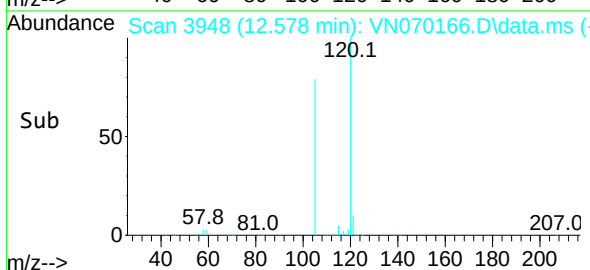
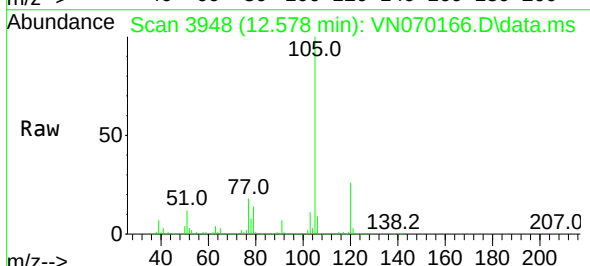


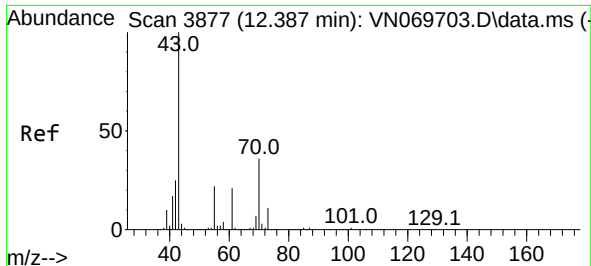
Tgt Ion:152 Resp: 800928
 Ion Ratio Lower Upper
 152 100
 115 0.0 27.5 82.5#
 150 154.9 0.0 344.4



#73
 Isopropylbenzene
 Concen: 154.822 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.003 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

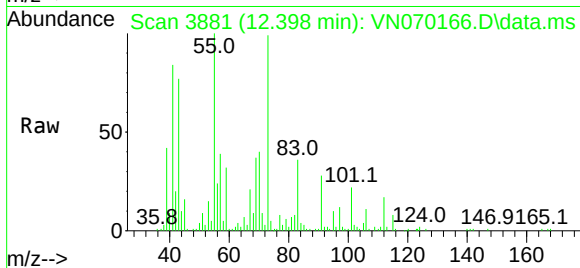
Tgt Ion:105 Resp:11032641
 Ion Ratio Lower Upper
 105 100
 120 26.1 13.4 40.1



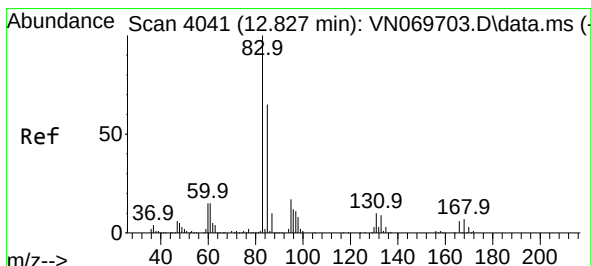
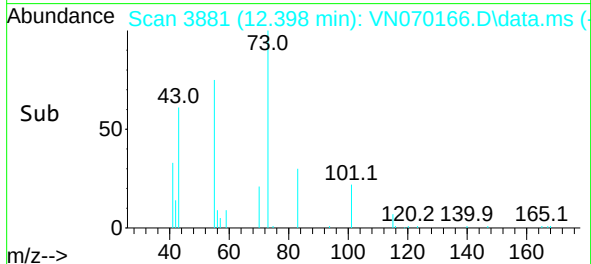
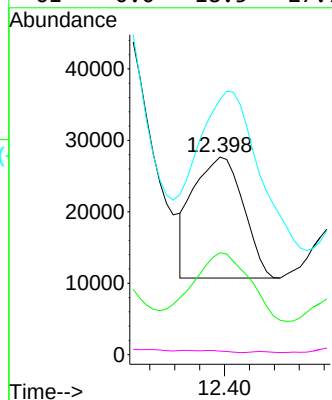


#74
N-amy1 acetate
Concen: 0.745 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.011 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Instrument :
MSVOA_N
ClientSampleId :

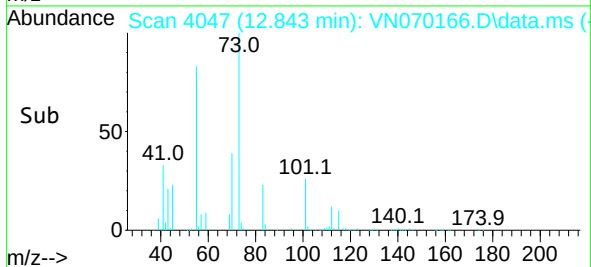
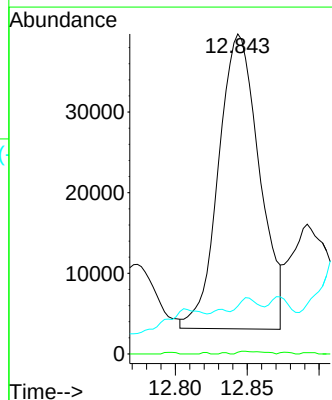
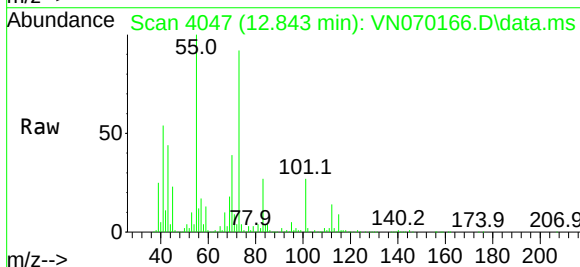


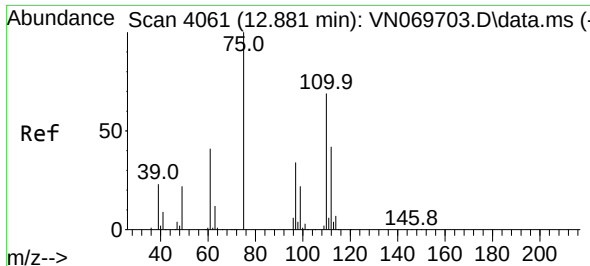
Tgt Ion: 43	Resp: 23468
Ion Ratio	Lower Upper
43 100	
70 63.3	33.4 50.0#
55 156.2	19.3 28.9#
61 0.0	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.931 ug/l
RT: 12.843 min Scan# 4047
Delta R.T. 0.016 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 83	Resp: 72216
Ion Ratio	Lower Upper
83 100	
131 0.6	5.5 16.5#
85 0.0	32.4 97.2#

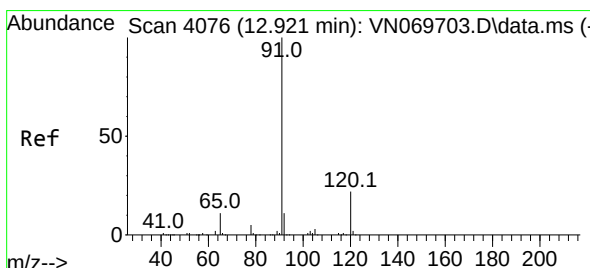
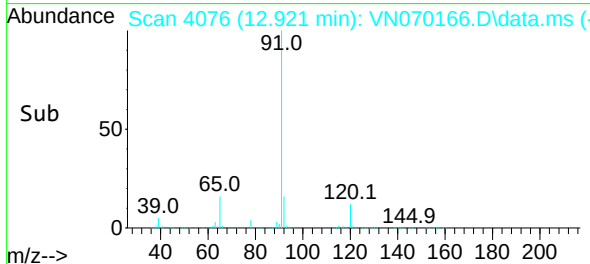
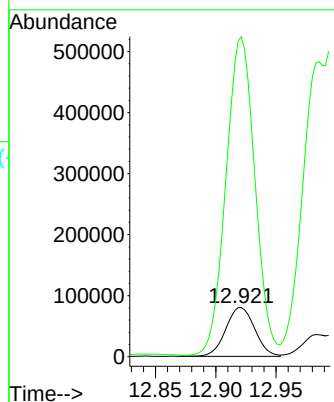
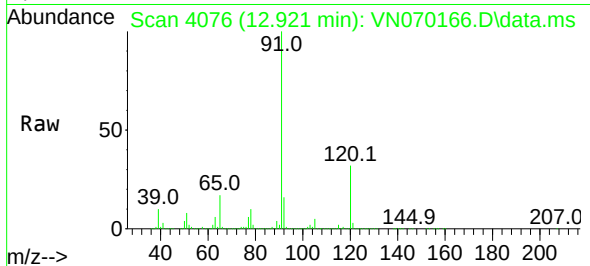




#76
1,2,3-Trichloropropane
Concen: 5.843 ug/l
RT: 12.921 min Scan# 4100
Delta R.T. 0.040 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

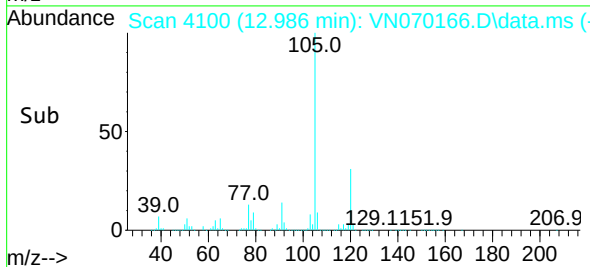
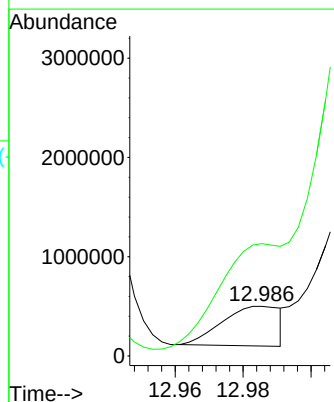
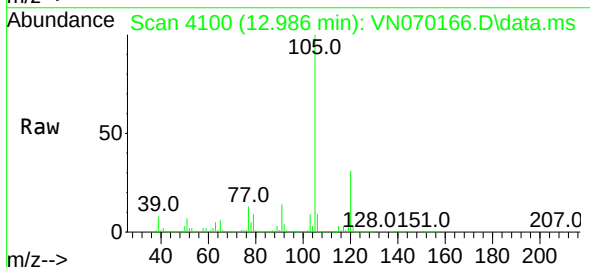
Instrument :
MSVOA_N
ClientSampleId :

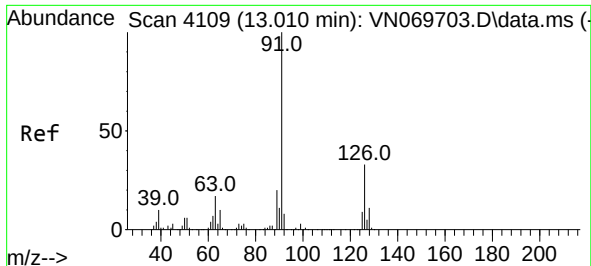
Tgt Ion: 75 Resp: 134216
Ion Ratio Lower Upper
75 100
77 649.1 82.6 247.8#



#78
n-propylbenzene
Concen: 5.939 ug/l
RT: 12.986 min Scan# 4100
Delta R.T. 0.064 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 91 Resp: 470949
Ion Ratio Lower Upper
91 100
120 315.6 11.9 35.9#

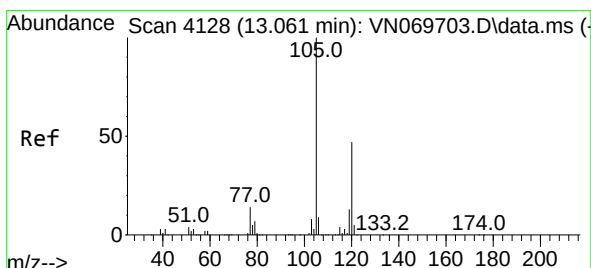
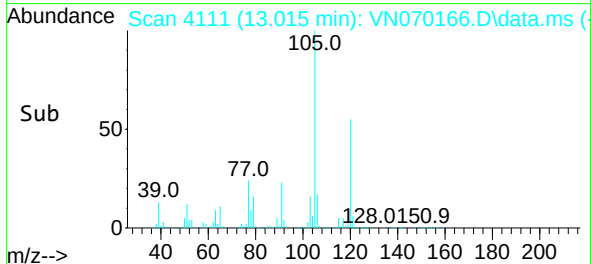
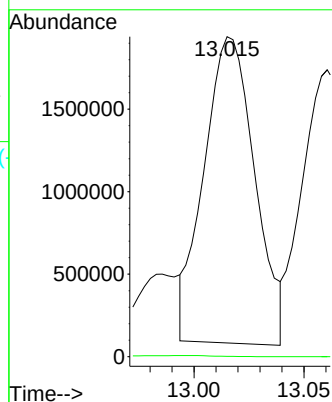
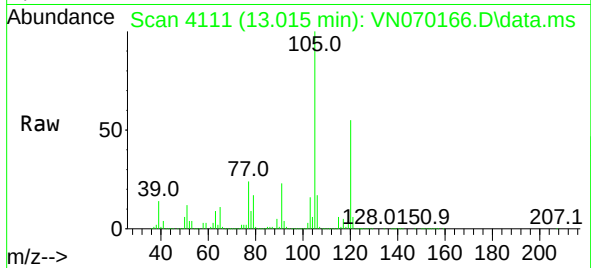




#79
2-Chlorotoluene
Concen: 59.644 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

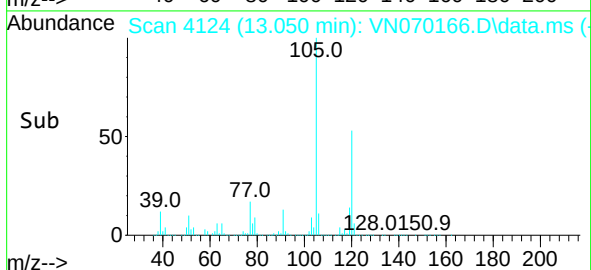
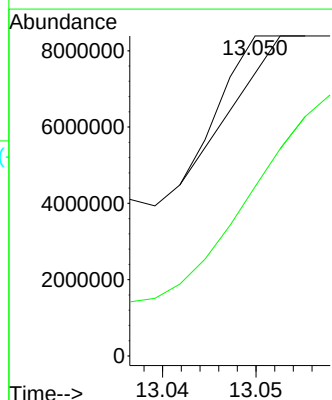
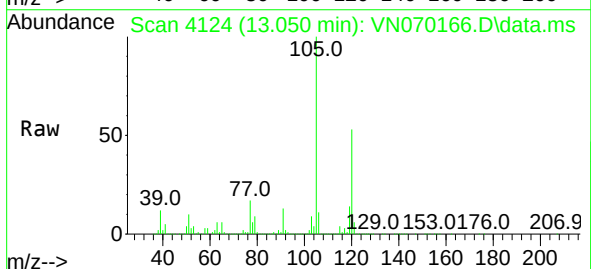
Instrument :
MSVOA_N
ClientSampleId :

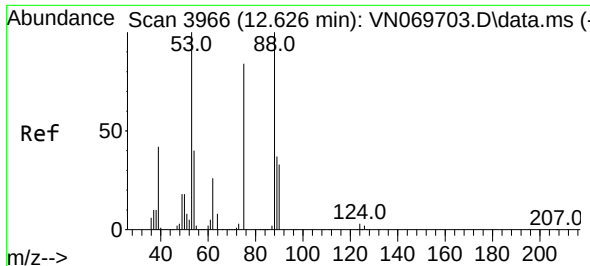
Tgt Ion: 91 Resp: 2988501
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 12.817 ug/l
RT: 13.050 min Scan# 4124
Delta R.T. -0.011 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 105 Resp: 735129
Ion Ratio Lower Upper
105 100
120 1602.4 24.6 73.6#

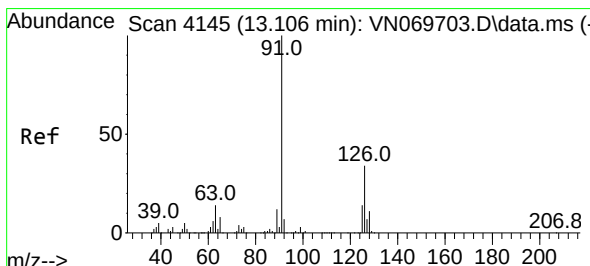
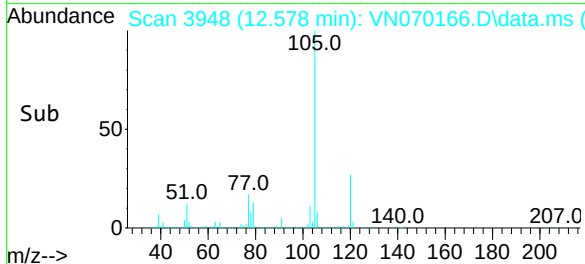
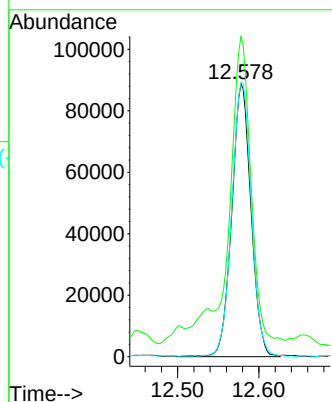
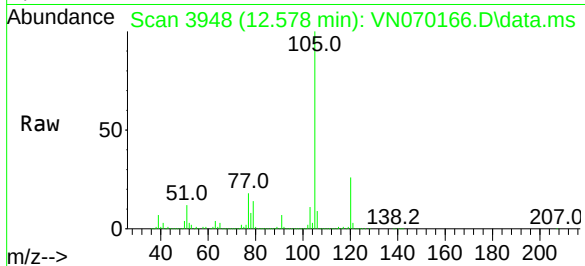




#81
trans-1,4-Dichloro-2-butene
Concen: 23.158 ug/l
RT: 12.578 min Scan# 3966
Delta R.T. -0.048 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

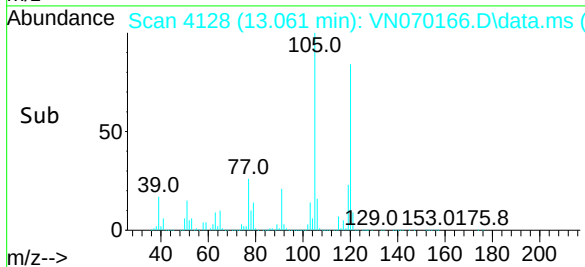
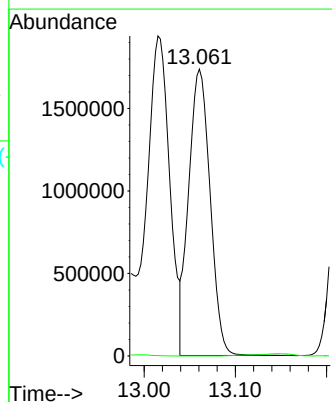
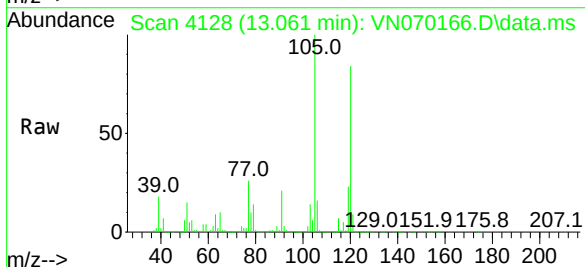
Instrument :
MSVOA_N
ClientSampleId :

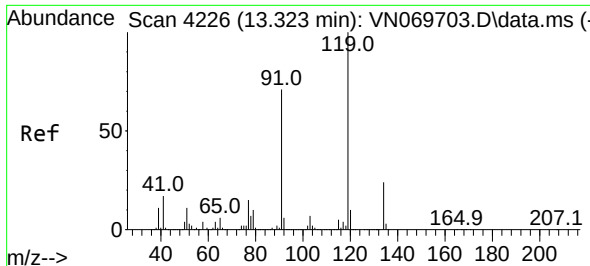
Tgt Ion: 75 Resp: 145867
Ion Ratio Lower Upper
75 100
53 115.8 90.5 135.7
89 103.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 59.963 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.046 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

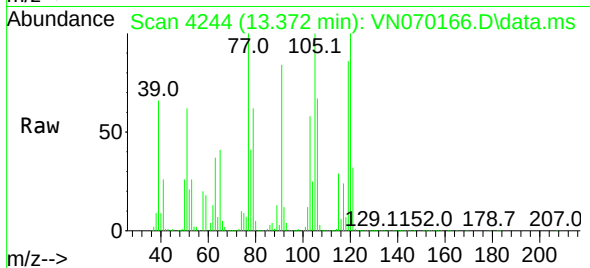
Tgt Ion: 91 Resp: 2825516
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



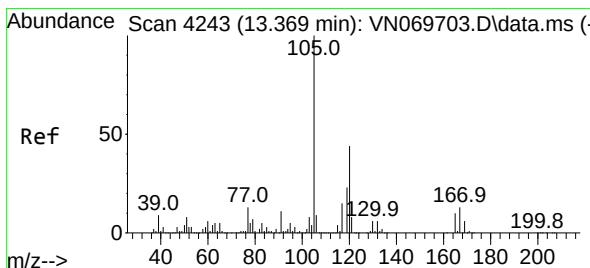
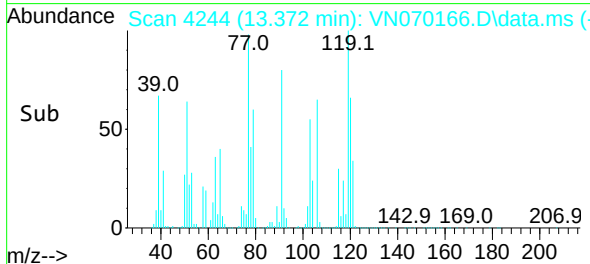
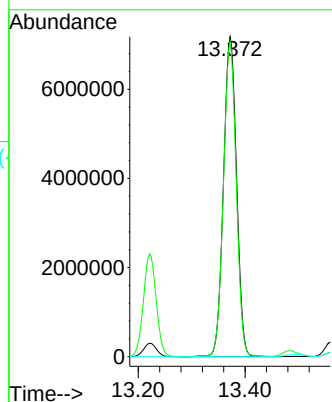


#83
 tert-Butylbenzene
 Concen: 241.344 ug/l
 RT: 13.372 min Scan# 41
 Delta R.T. 0.048 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :

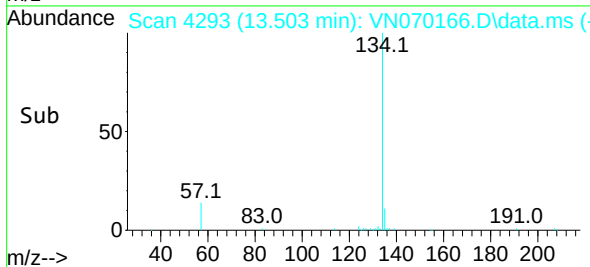
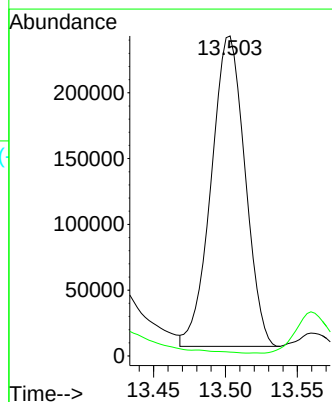
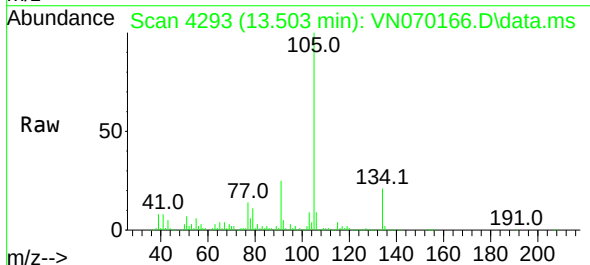


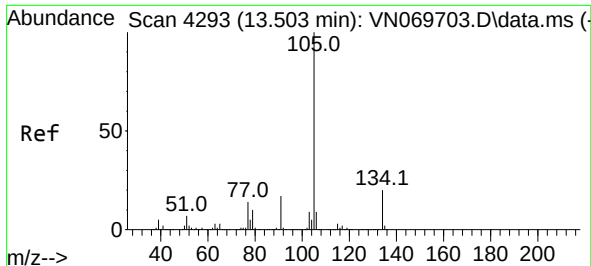
Tgt Ion:119 Resp:12257144
 Ion Ratio Lower Upper
 119 100
 91 96.1 31.5 94.5#
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 7.060 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.134 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Tgt Ion:105 Resp: 385623
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.8 68.4#

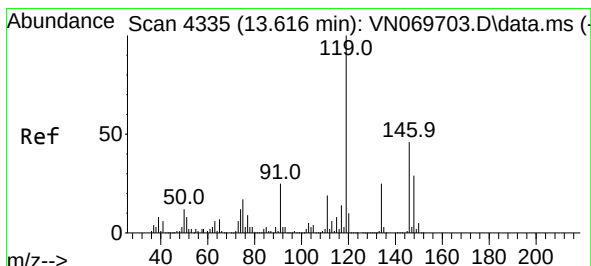
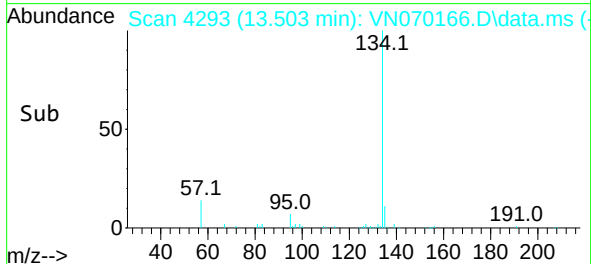
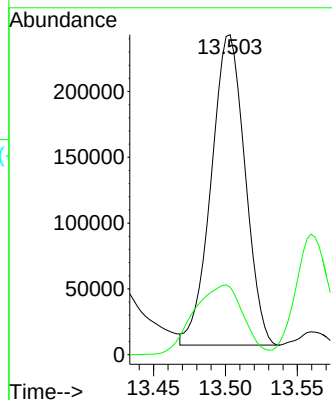
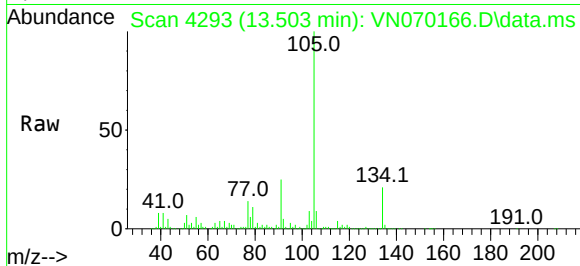




#85
 sec-Butylbenzene
 Concen: 5.598 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

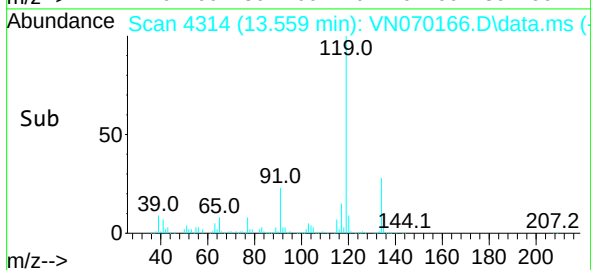
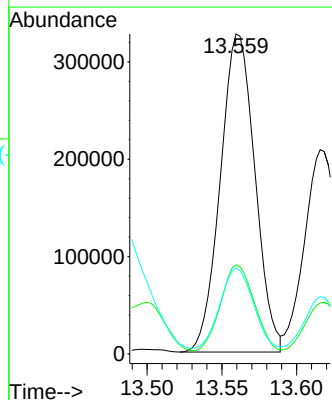
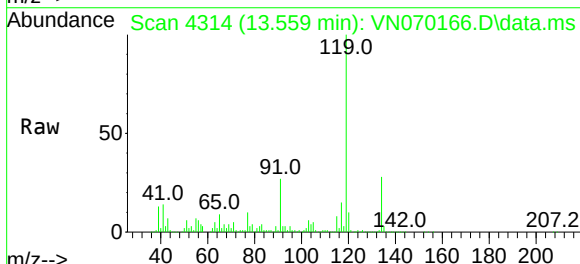
Instrument :
 MSVOA_N
 ClientSampleId :

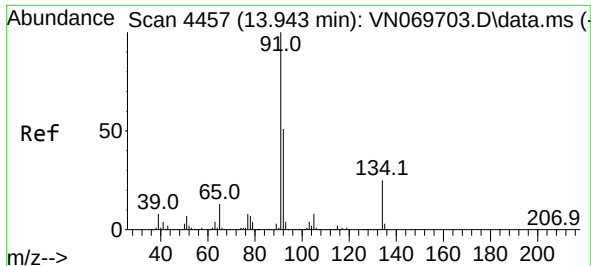
Tgt Ion:105 Resp: 385623
 Ion Ratio Lower Upper
 105 100
 134 32.8 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 9.772 ug/l
 RT: 13.559 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Tgt Ion:119 Resp: 526203
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.6 40.7
 91 0.0 11.4 34.1#

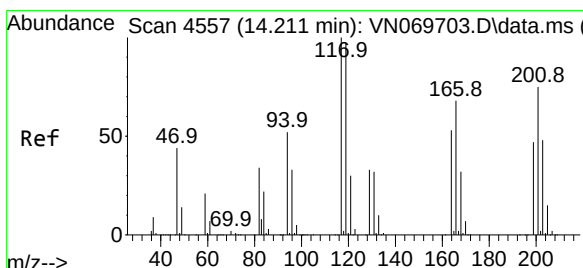
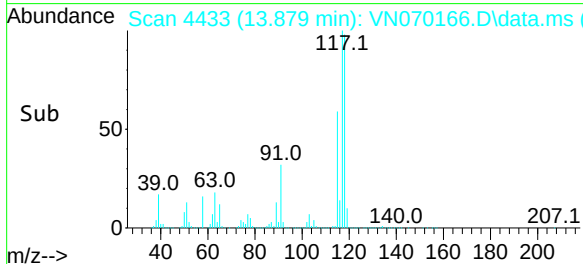
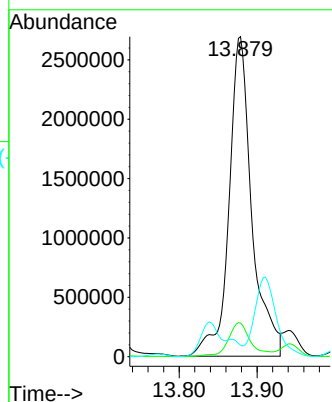
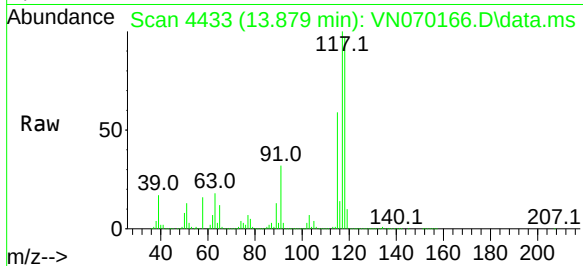




#89
n-Butylbenzene
Concen: 125.958 ug/l
RT: 13.879 min Scan# 4457
Delta R.T. -0.064 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

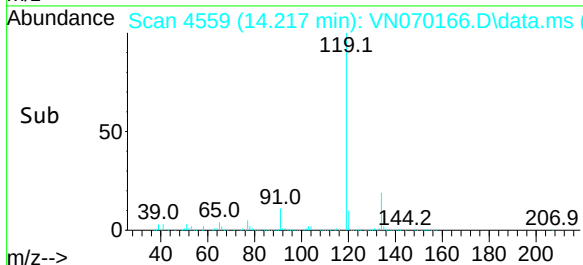
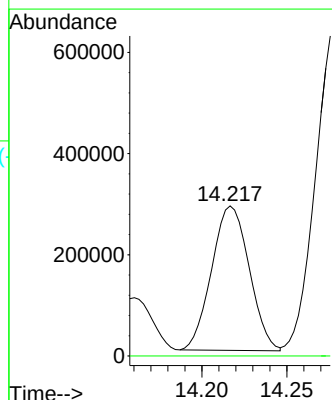
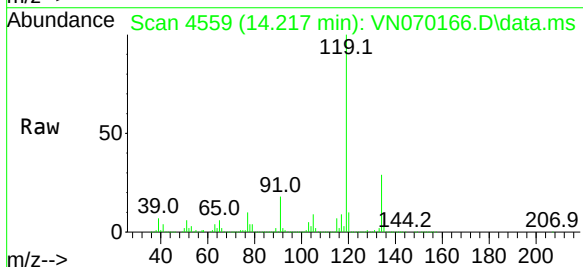
Instrument :
MSVOA_N
ClientSampleId :

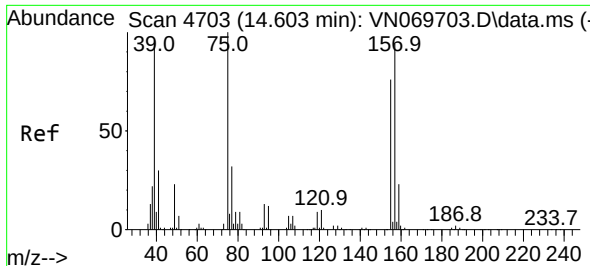
Tgt Ion: 91 Resp: 5501880
Ion Ratio Lower Upper
91 100
92 10.5 25.4 76.0#
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 46.511 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.005 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

Tgt Ion: 117 Resp: 439712
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

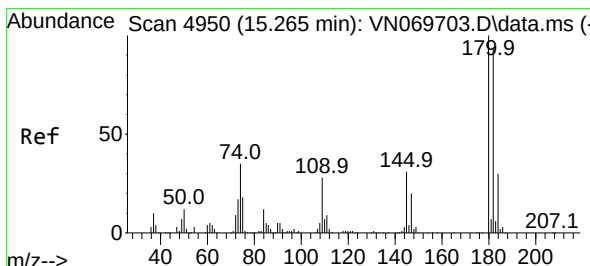
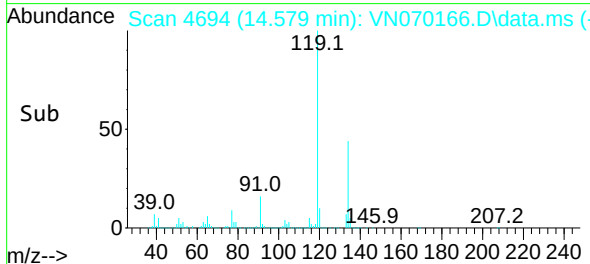
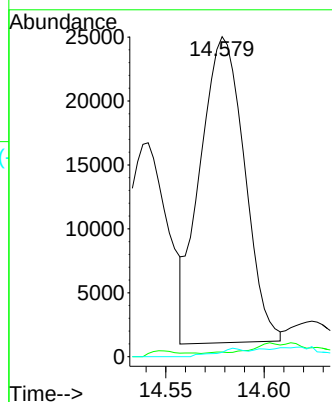
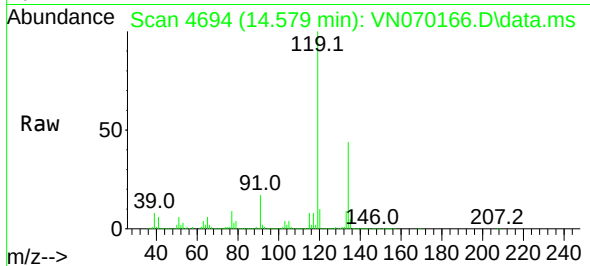




#92
1,2-Dibromo-3-Chloropropane
Concen: 8.410 ug/l
RT: 14.579 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

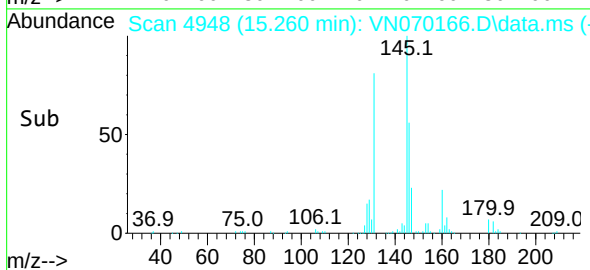
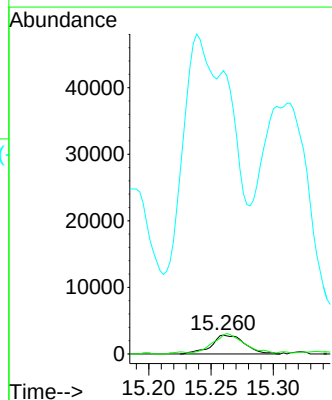
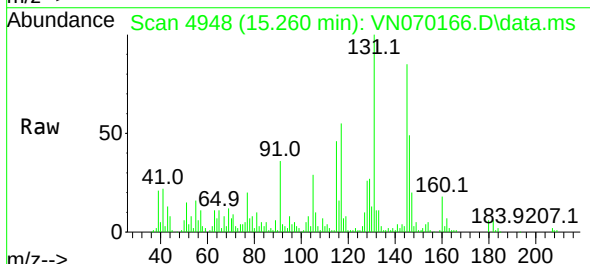
Instrument :
MSVOA_N
ClientSampleId :

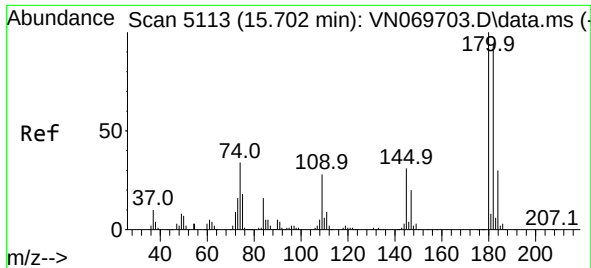
Tgt Ion: 75 Resp: 37446
Ion Ratio Lower Upper
75 100
155 0.2 46.9 140.7#
157 1.8 60.6 181.7#



#93
1,2,4-Trichlorobenzene
Concen: 3.255 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070166.D
Acq: 17 Dec 2021 16:10

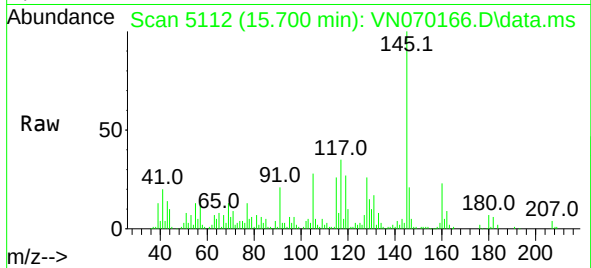
Tgt Ion:180 Resp: 5256
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 0.0 14.5 43.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.040 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070166.D
 Acq: 17 Dec 2021 16:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 8131
 Ion Ratio Lower Upper
 180 100
 182 76.1 47.4 142.2
 145 0.0 15.0 45.1#

