

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070164.D
 Acq On : 17 Dec 2021 15:19
 Operator : JC/MD
 Sample : M5131-01DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:45:37 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	1086815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1821627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1616350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	567258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	739899	44.093	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.180%
35) Dibromofluoromethane	8.021	113	485770	42.573	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.140%
50) Toluene-d8	10.443	98	1874336	40.910	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	81.820%
62) 4-Bromofluorobenzene	12.733	95	609818	36.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	73.480%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.387	59	446379	140.729	ug/l	98
13) Acrolein	4.038	56	2042	0.756	ug/l #	74
14) Allyl chloride	4.792	41	5787	0.248	ug/l #	32
16) Acetone	4.291	43	407647	40.384	ug/l	95
17) Carbon Disulfide	4.524	76	15162	0.567	ug/l	98
20) Methylene Chloride	5.095	84	5783	0.431	ug/l	97
25) 2-Butanone	7.340	43	720631	52.543	ug/l	91
26) 2,2-Dichloropropane	7.329	77	22087	1.203	ug/l #	52
29) Tetrahydrofuran	7.697	42	125077	15.019	ug/l	87
31) Cyclohexane	8.083	56	27991	1.199	ug/l #	30
36) 1,1-Dichloropropene	8.086	75	91416	5.272	ug/l #	48
37) Ethyl Acetate	7.340	43	720631	27.920	ug/l #	72
38) Carbon Tetrachloride	8.083	117	111053	6.530	ug/l #	16
41) Methacrylonitrile	7.694	41	80996	6.685	ug/l #	38
49) 1,4-Dioxane	9.579	88	1860	5.816	ug/l #	37
51) 4-Methyl-2-Pentanone	10.333	43	32158	1.298	ug/l	93
52) Toluene	10.507	92	9625	0.297	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1410	2.857	ug/l	94
54) cis-1,3-Dichloropropene	10.188	75	673	2.028	ug/l #	58
56) Ethyl methacrylate	10.765	69	1620	2.342	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.046	63	2369	18.719	ug/l #	74
59) 2-Hexanone	10.950	43	4294	0.229	ug/l	77
60) Dibromochloromethane	11.240	129	171	2.388	ug/l	66
67) Ethyl Benzene	11.846	91	15197	0.255	ug/l	93
68) m/p-Xylenes	11.956	106	8493	0.392	ug/l	100
71) Bromoform	12.457	173	399	2.769	ug/l #	29
74) N-amyl acetate	12.393	43	10003	0.448	ug/l	94
76) 1,2,3-Trichloropropane	12.733	75	338285	20.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	338285	66.592	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.369	105	10048	0.260	ug/l	88
86) p-Isopropyltoluene	13.616	119	10992	0.288	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	5426	0.279	ug/l	89
88) 1,4-Dichlorobenzene	13.618	146	5426	0.284	ug/l	90
89) n-Butylbenzene	13.943	91	12120	0.392	ug/l	97
91) 1,2-Dichlorobenzene	13.997	146	5642	0.297	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	729	0.231	ug/l #	64

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Instrument :
MSVOA_N
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Quant Time: Dec 18 05:45:37 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

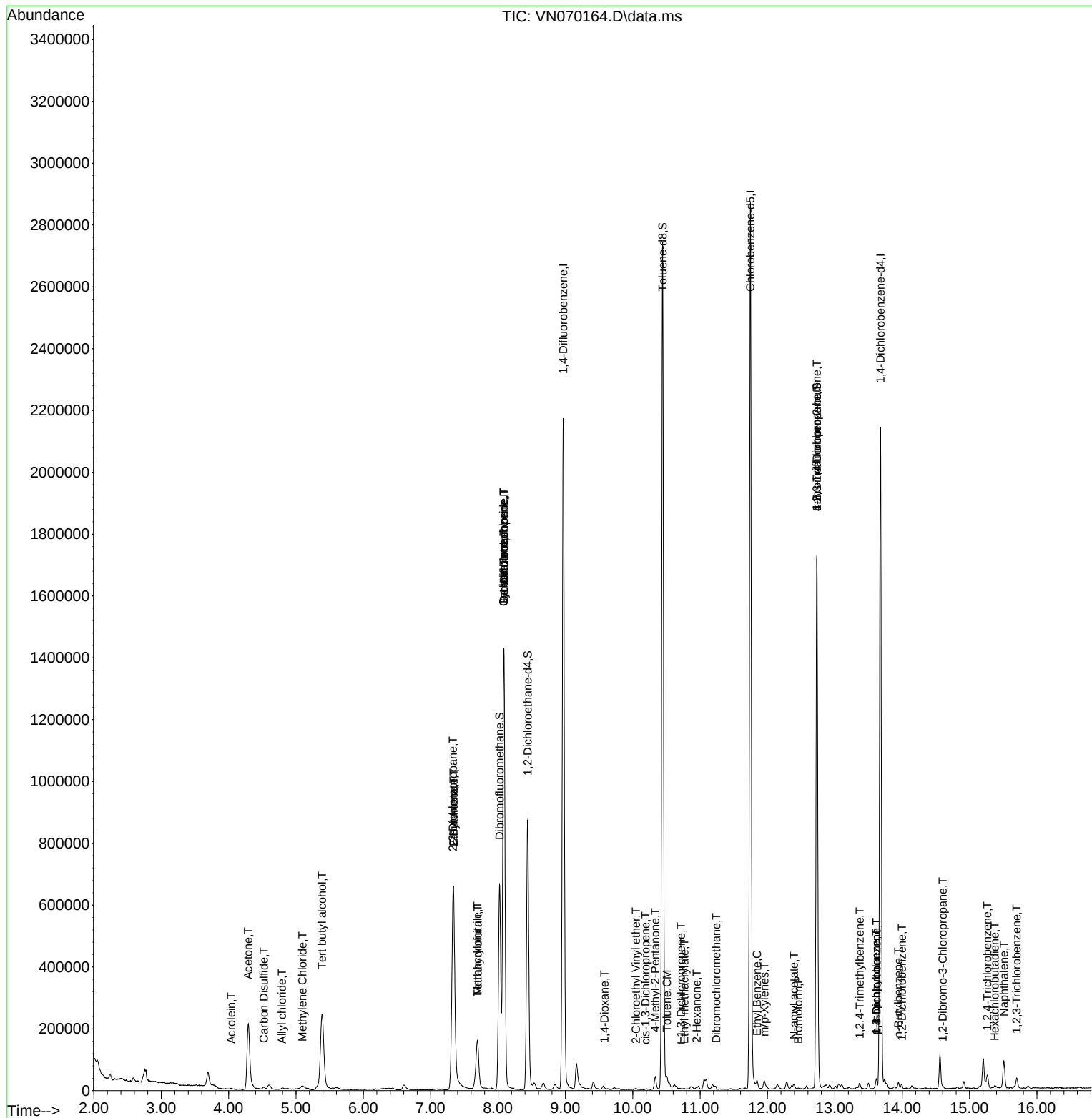
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.265	180	10188	3.910	ug/l	97
94) Hexachlorobutadiene	15.372	225	1323	0.263	ug/l	85
95) Naphthalene	15.509	128	83588	6.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	12192	3.714	ug/l	97

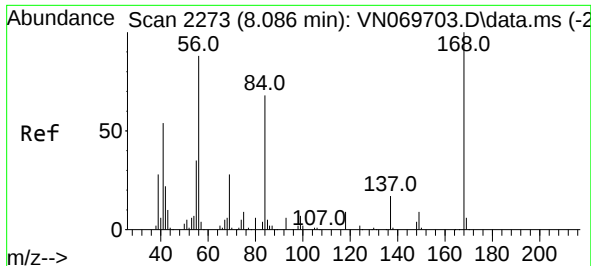
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampleId :

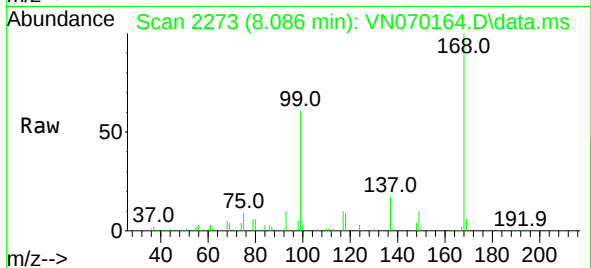
Quant Time: Dec 18 05:45:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
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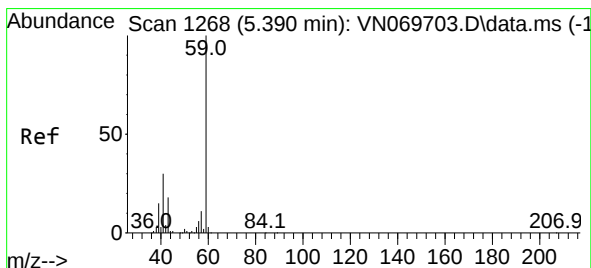
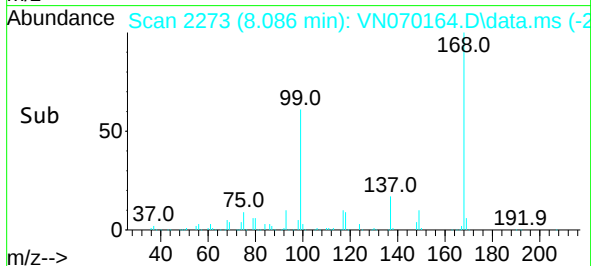
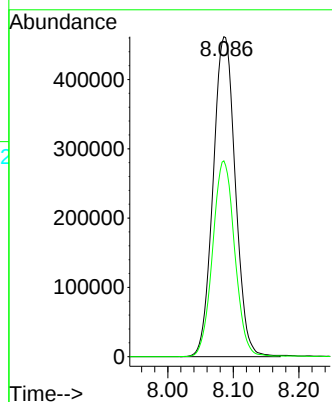


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

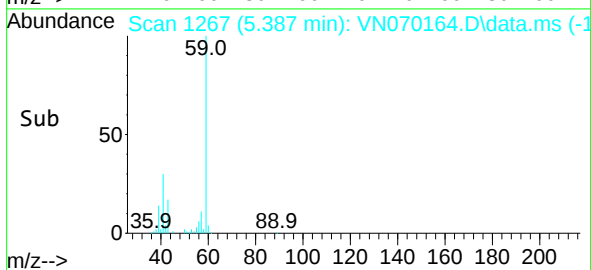
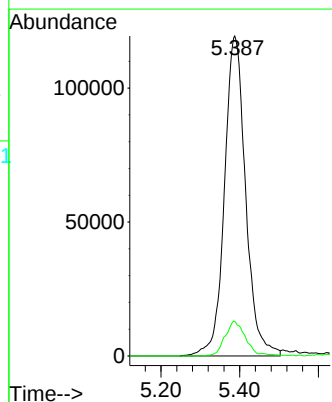
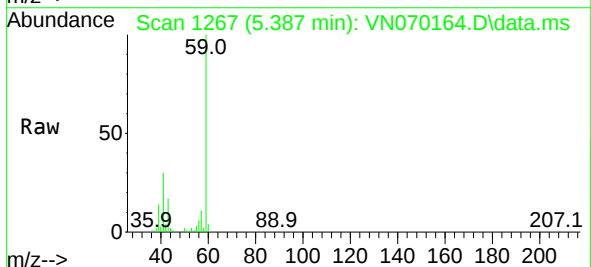


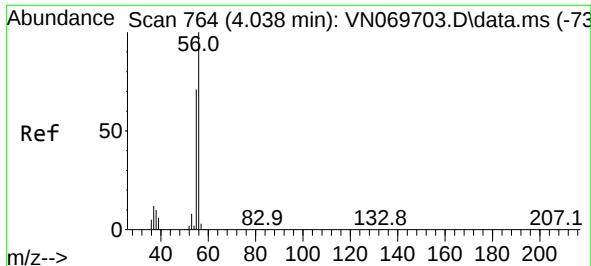
Tgt Ion:168 Resp: 1086815
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 140.729 ug/l
RT: 5.387 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

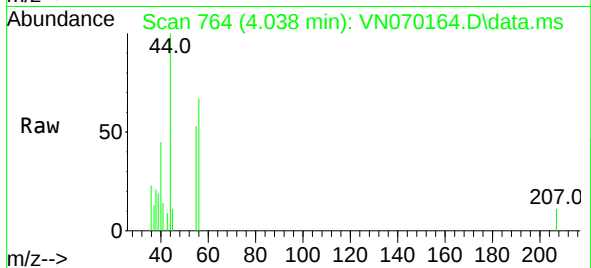
Tgt Ion: 59 Resp: 446379
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1



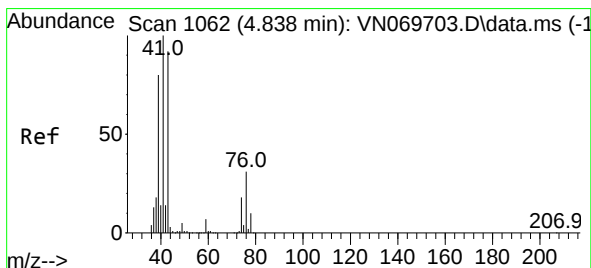
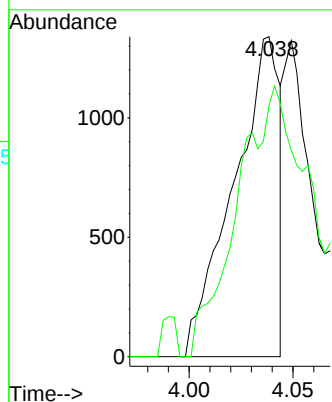
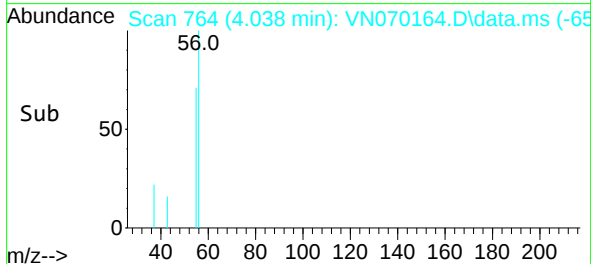


#13
Acrolein
Concen: 0.756 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

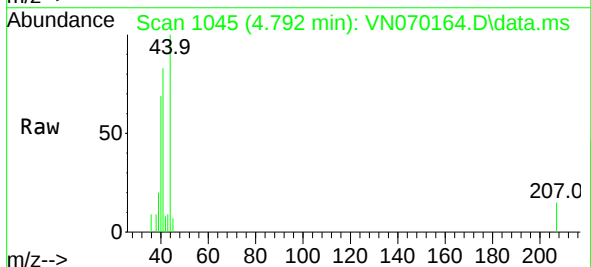
Instrument :
MSVOA_N
ClientSampleId :



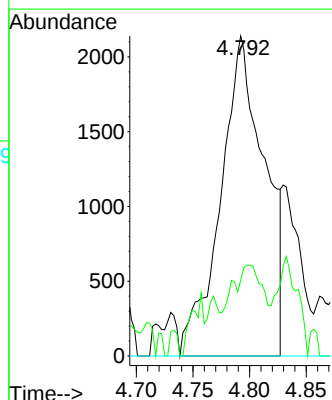
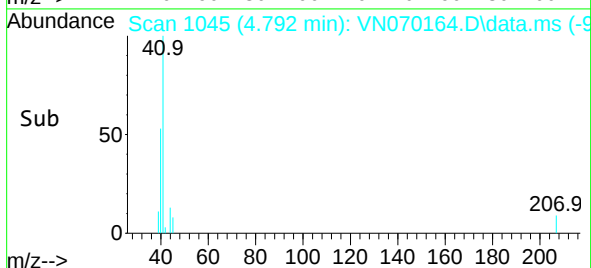
Tgt Ion: 56 Resp: 2042
Ion Ratio Lower Upper
56 100
55 92.2 56.6 85.0#

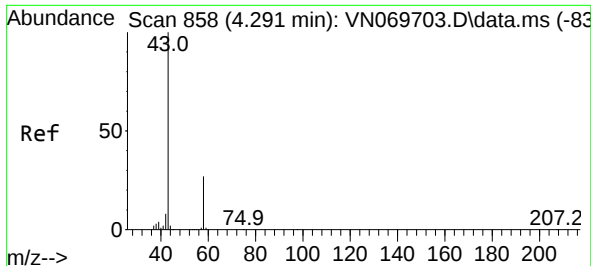


#14
Allyl chloride
Concen: 0.248 ug/l
RT: 4.792 min Scan# 1045
Delta R.T. -0.046 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19



Tgt Ion: 41 Resp: 5787
Ion Ratio Lower Upper
41 100
39 14.4 61.2 91.8#
76 0.0 26.0 39.0#

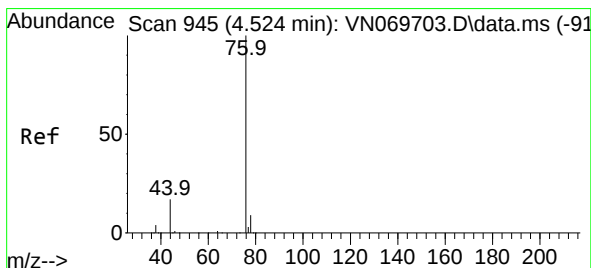
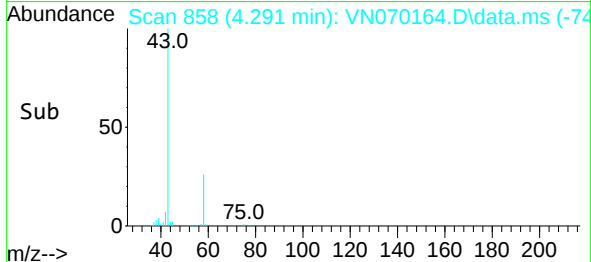
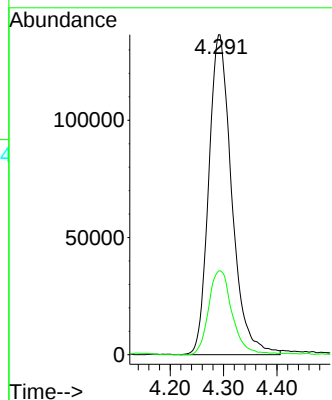
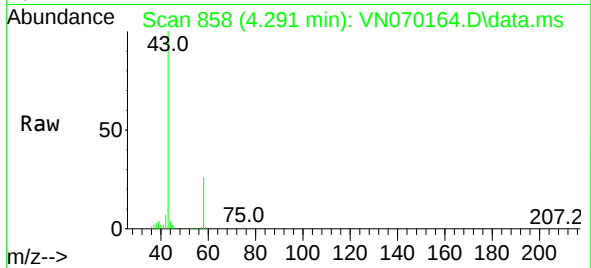




#16
Acetone
Concen: 40.384 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

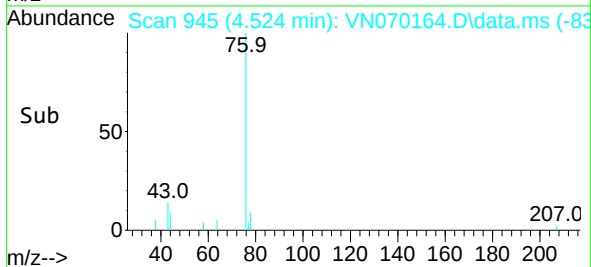
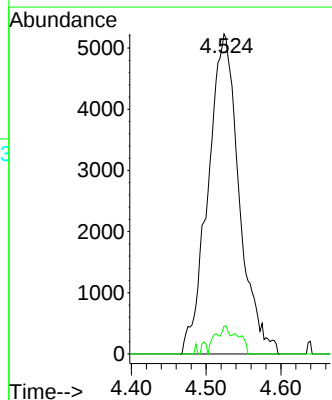
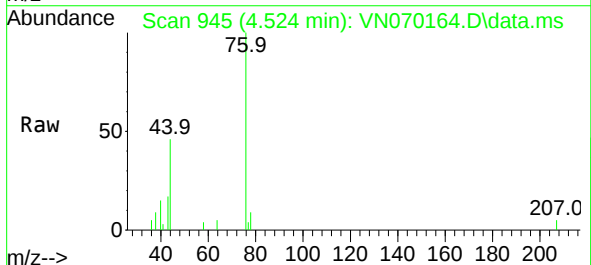
Instrument :
MSVOA_N
ClientSampleId :

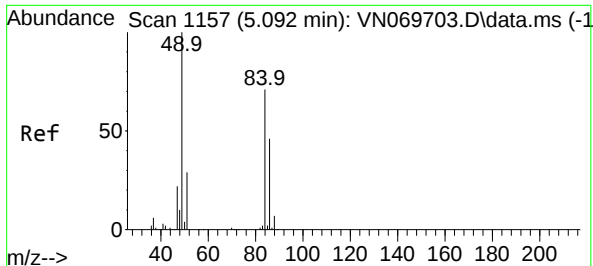
Tgt Ion: 43 Resp: 407647
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7



#17
Carbon Disulfide
Concen: 0.567 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

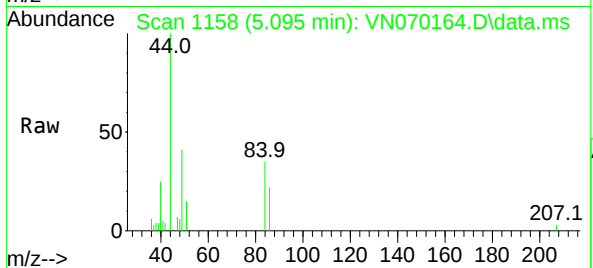
Tgt Ion: 76 Resp: 15162
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



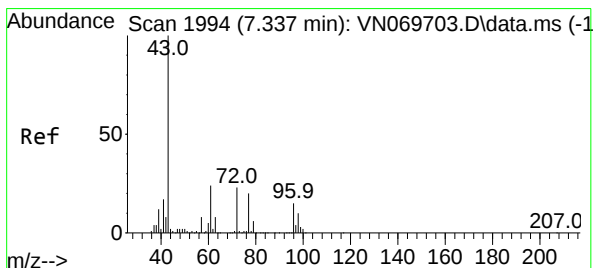
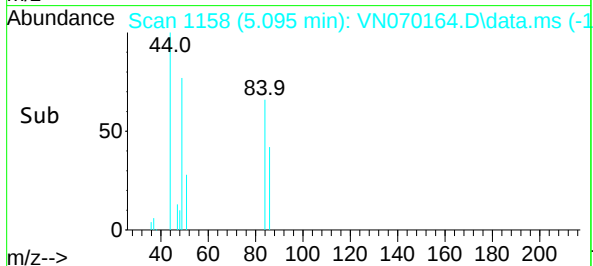
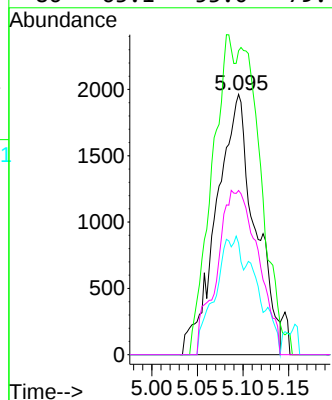


#20
Methylene Chloride
Concen: 0.431 ug/l
RT: 5.095 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

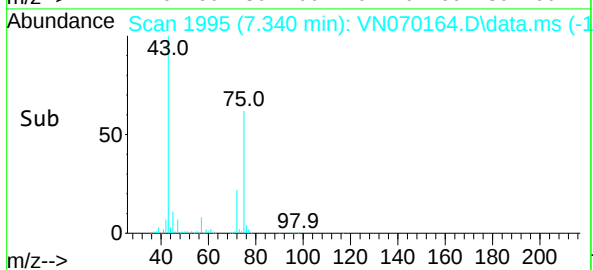
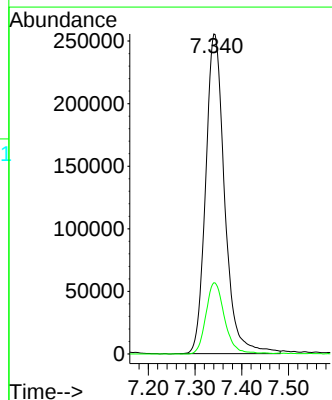
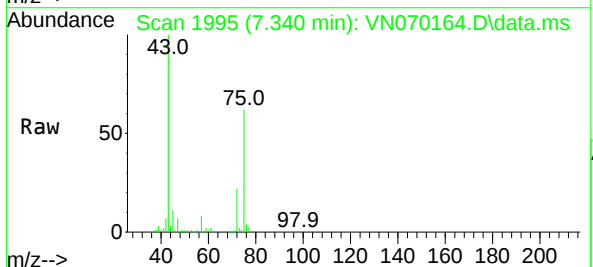


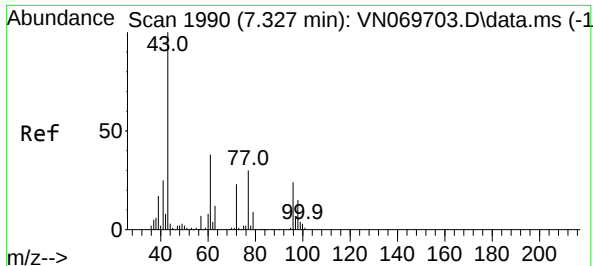
Tgt Ion:	84	Resp:	5783
Ion	Ratio	Lower	Upper
84	100		
49	116.8	93.5	140.3
51	42.8	29.4	44.2
86	63.1	53.0	79.4



#25
2-Butanone
Concen: 52.543 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion:	43	Resp:	720631
Ion	Ratio	Lower	Upper
43	100		
72	22.3	21.7	32.5





#26

2,2-Dichloropropane

Concen: 1.203 ug/l

RT: 7.329 min Scan# 1990

Delta R.T. 0.003 min

Lab File: VN070164.D

Acq: 17 Dec 2021 15:19

Instrument :

MSVOA_N

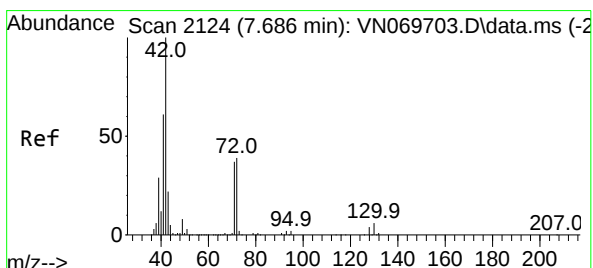
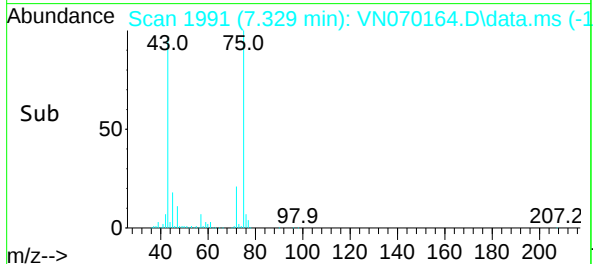
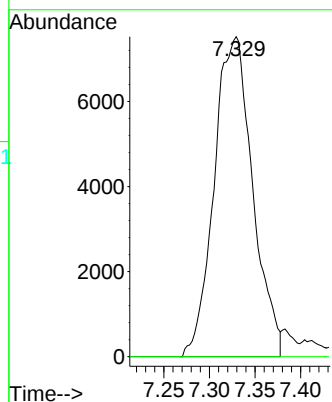
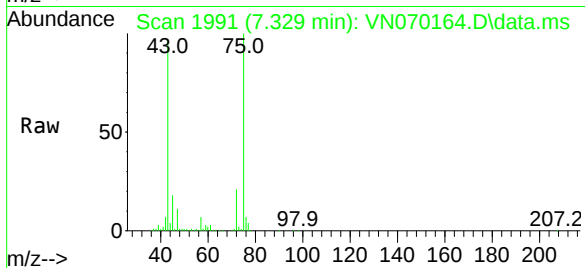
ClientSampleId :

Tgt Ion: 77 Resp: 22087

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 15.019 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.011 min

Lab File: VN070164.D

Acq: 17 Dec 2021 15:19

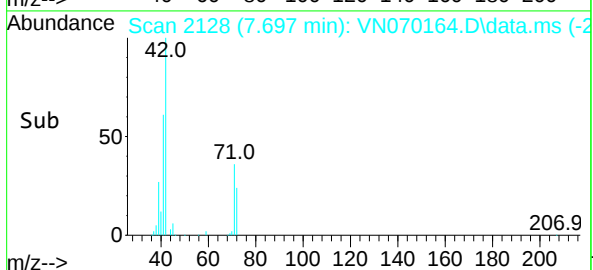
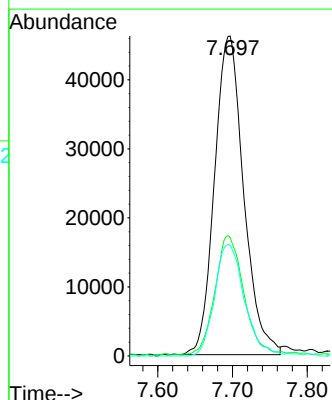
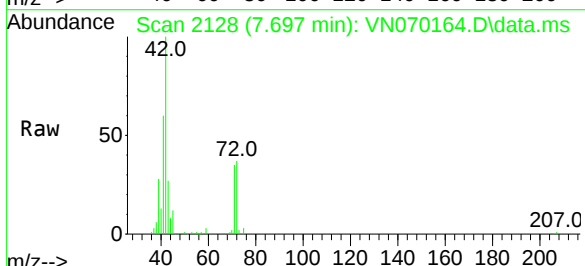
Tgt Ion: 42 Resp: 125077

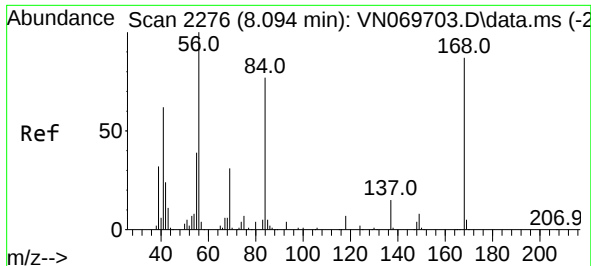
Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

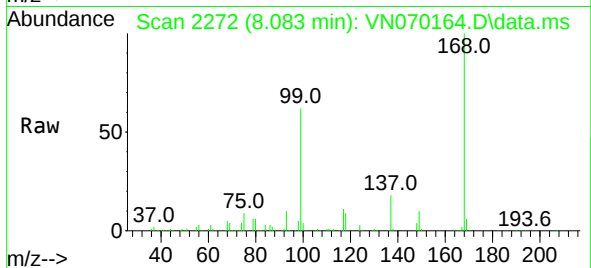
71 35.6 34.7 52.1



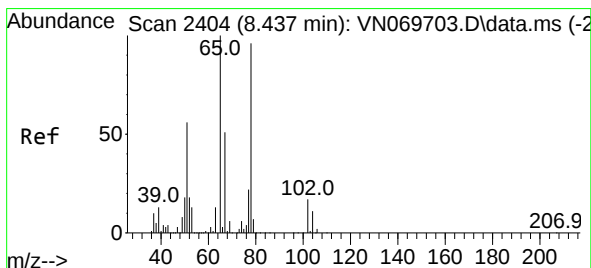
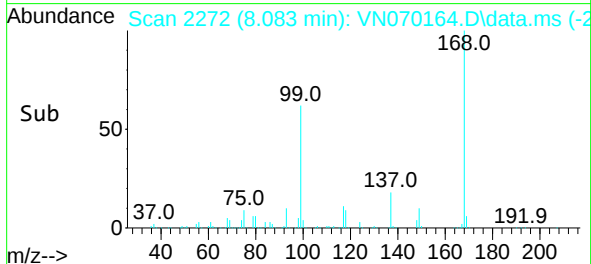
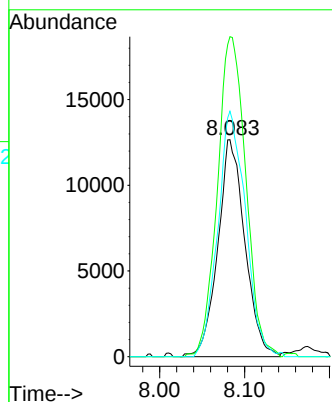


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

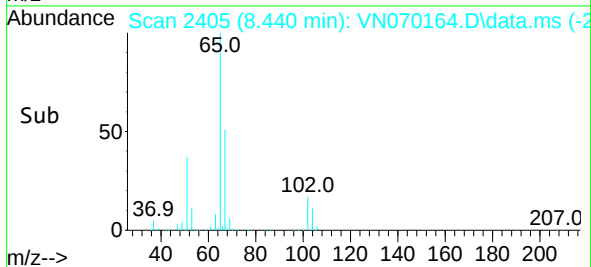
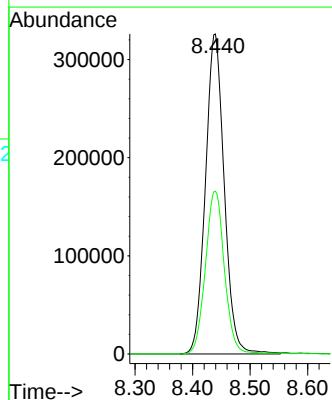
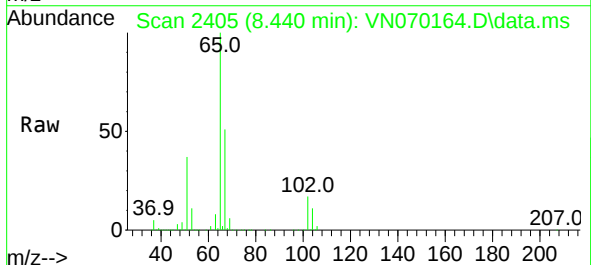


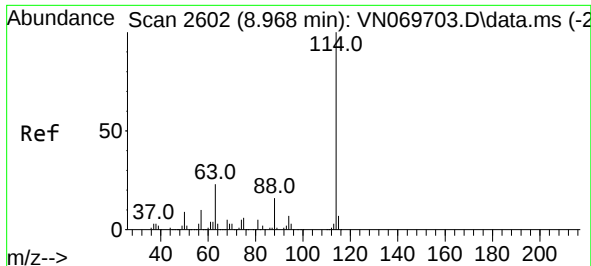
Tgt Ion: 56 Resp: 27991
Ion Ratio Lower Upper
56 100
69 147.5 27.1 40.7#
84 113.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 44.093 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

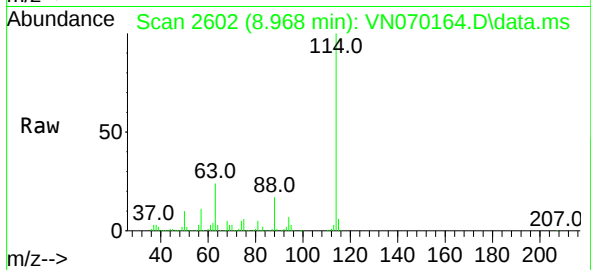
Tgt Ion: 65 Resp: 739899
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





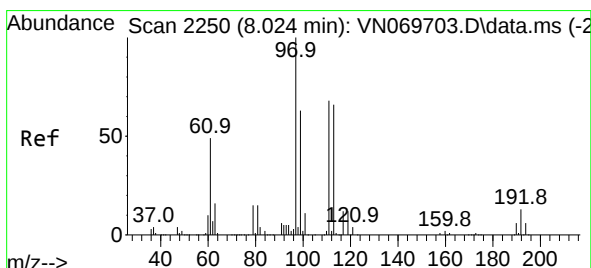
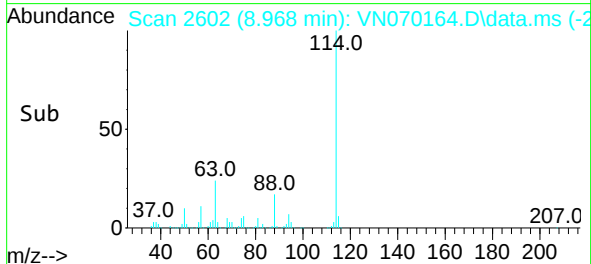
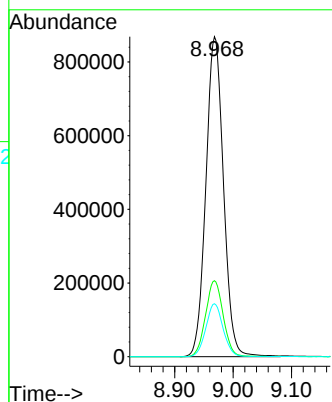
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:114 Resp: 1821627

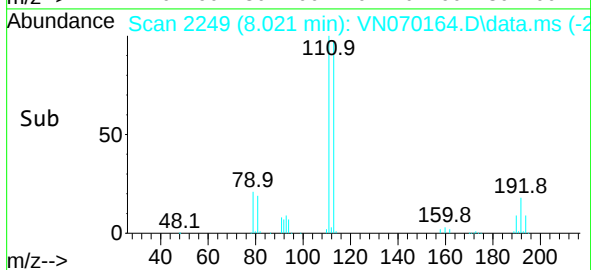
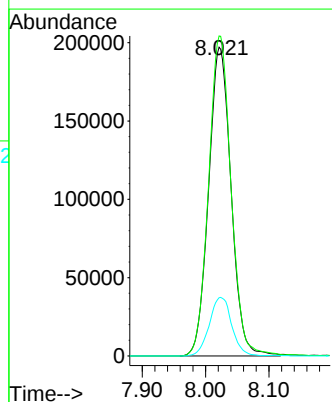
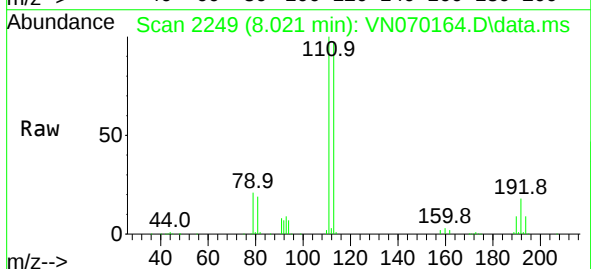
Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	37.8
88	16.5	0.0	27.4

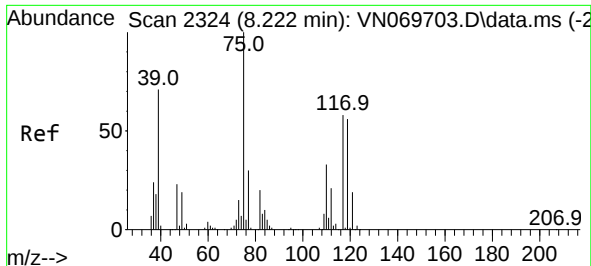


#35
 Dibromofluoromethane
 Concen: 42.573 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. -0.003 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19

Tgt Ion:113 Resp: 485770

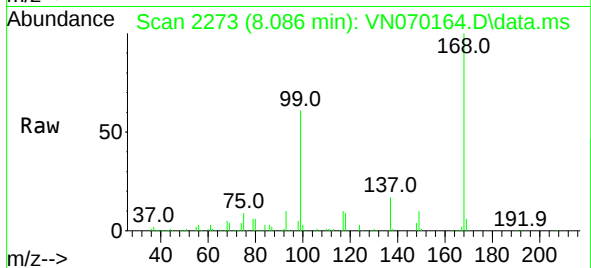
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	18.9	16.9	25.3



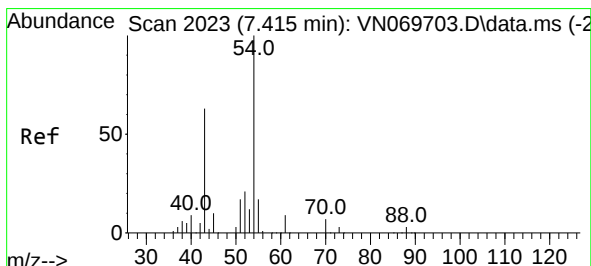
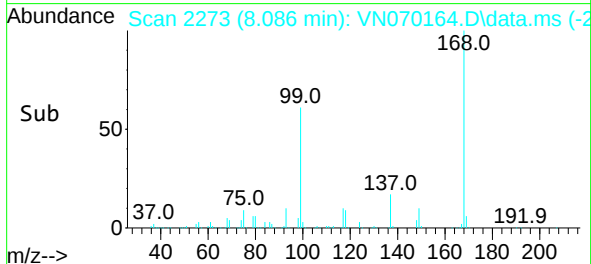
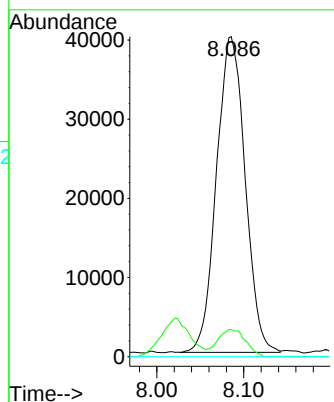


#36
 1,1-Dichloropropene
 Concen: 5.272 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19

Instrument :
 MSVOA_N
 ClientSampleId :

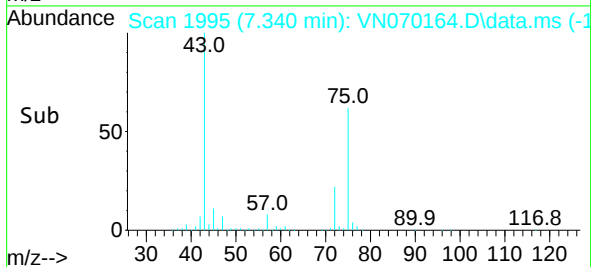
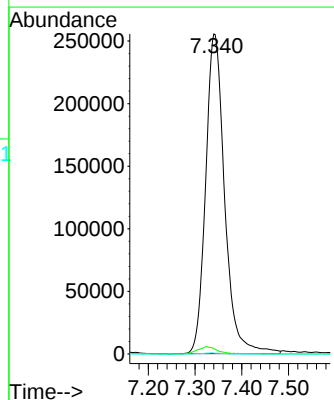
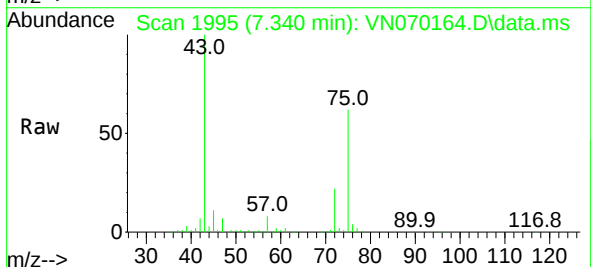


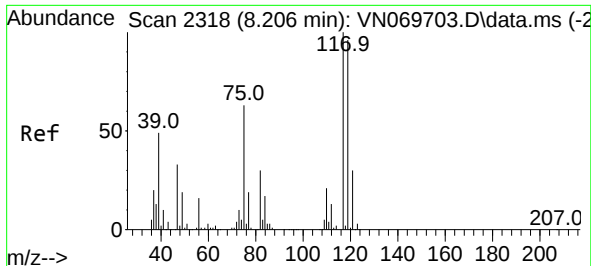
Tgt Ion: 75 Resp: 91416
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 27.920 ug/l
 RT: 7.340 min Scan# 1995
 Delta R.T. -0.075 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19

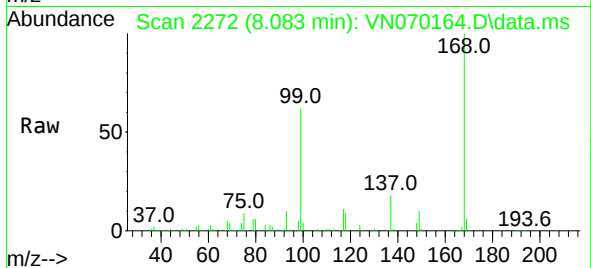
Tgt Ion: 43 Resp: 720631
 Ion Ratio Lower Upper
 43 100
 61 2.3 11.5 17.3#
 70 0.3 7.9 11.9#



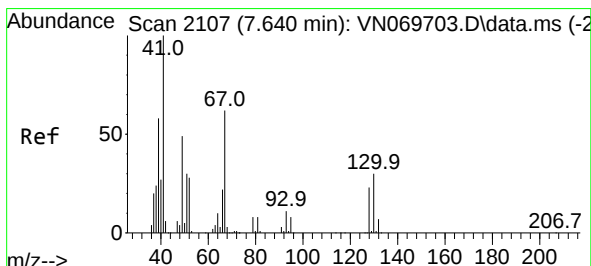
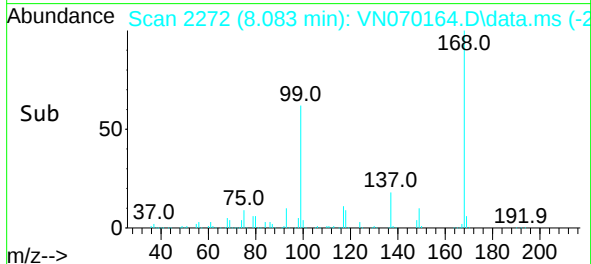
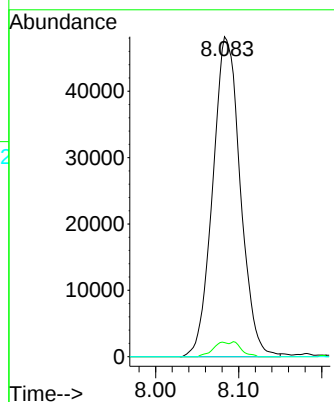


#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 8.083 min Scan# 2117
Delta R.T. -0.123 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

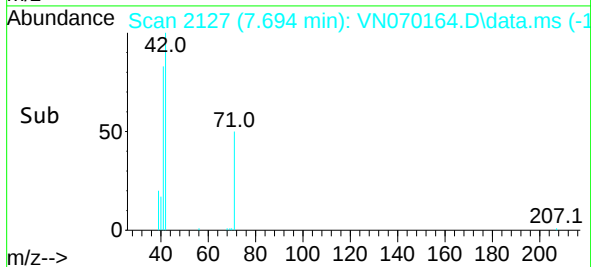
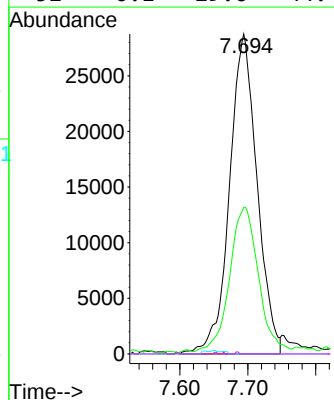
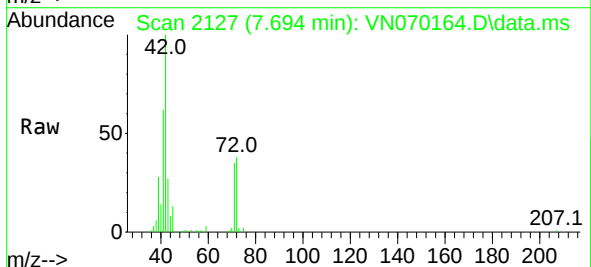


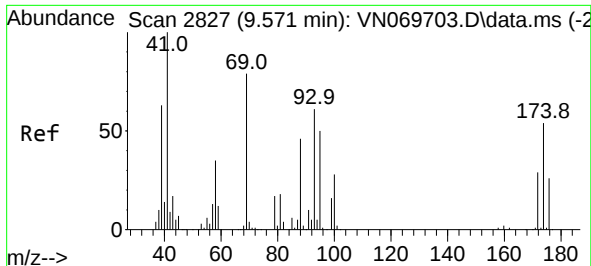
Tgt Ion:117 Resp: 111053
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 6.685 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.054 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion: 41 Resp: 80996
Ion Ratio Lower Upper
41 100
39 47.4 48.1 72.1#
67 0.0 68.3 102.5#
52 0.1 29.6 44.4#





#49

1,4-Dioxane

Concen: 5.816 ug/l

RT: 9.579 min Scan# 21

Delta R.T. 0.008 min

Lab File: VN070164.D

Acq: 17 Dec 2021 15:19

Instrument :

MSVOA_N

ClientSampleId :

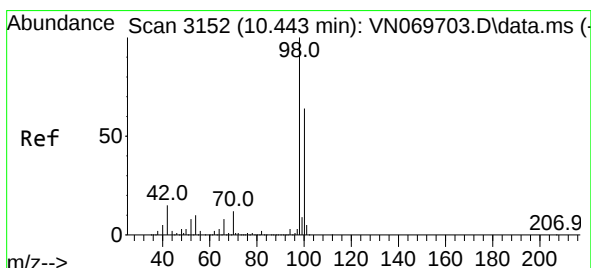
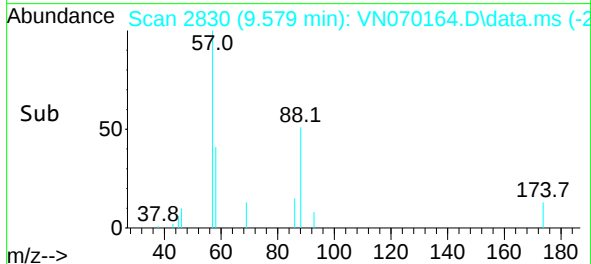
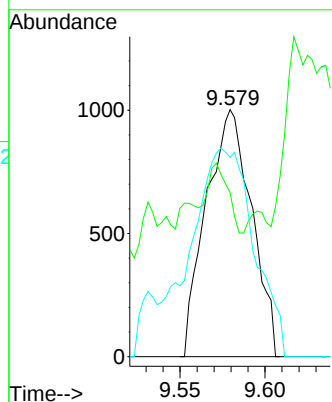
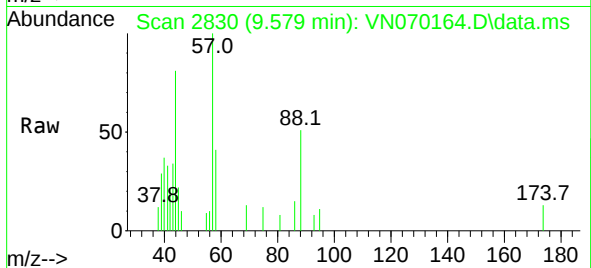
Tgt Ion: 88 Resp: 1860

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 115.4 50.6 75.8#



#50

Toluene-d8

Concen: 40.910 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070164.D

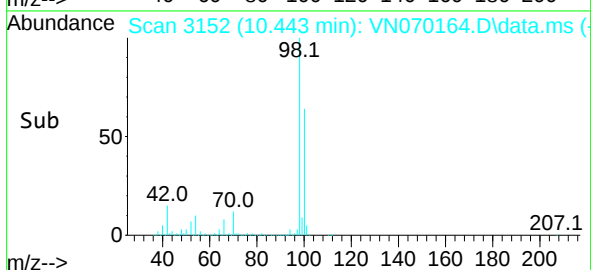
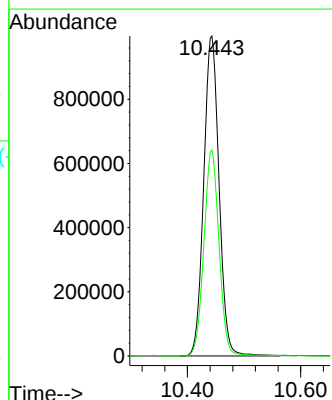
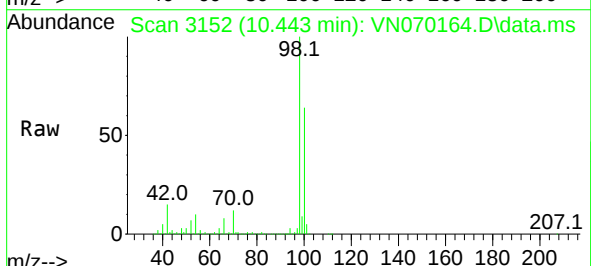
Acq: 17 Dec 2021 15:19

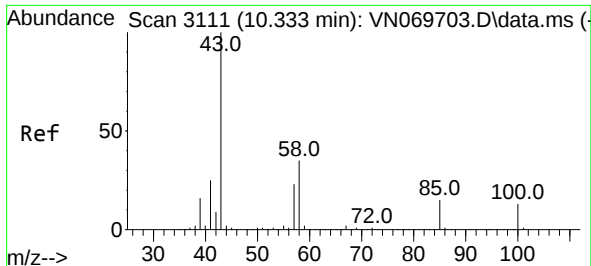
Tgt Ion: 98 Resp: 1874336

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6

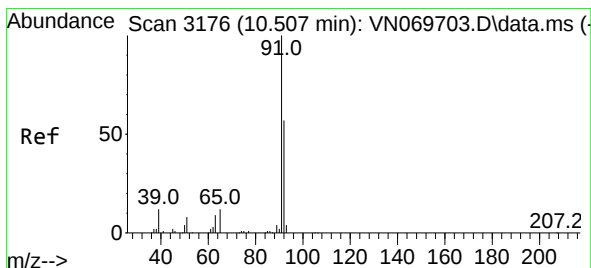
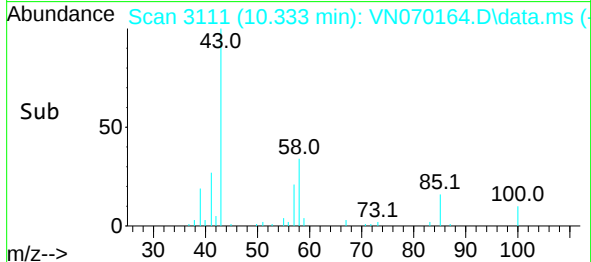
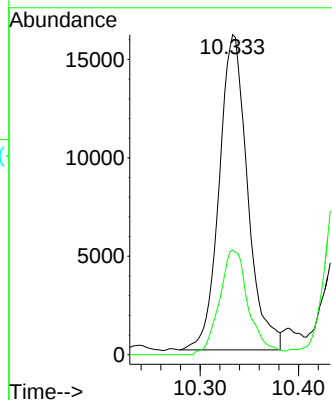
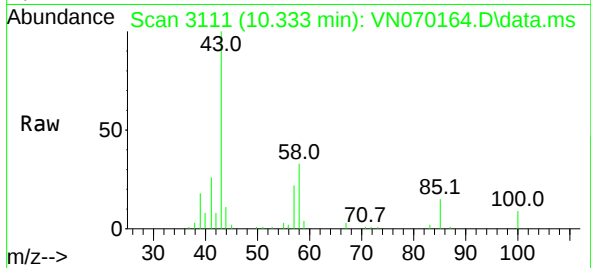




#51
4-Methyl-2-Pentanone
Concen: 1.298 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

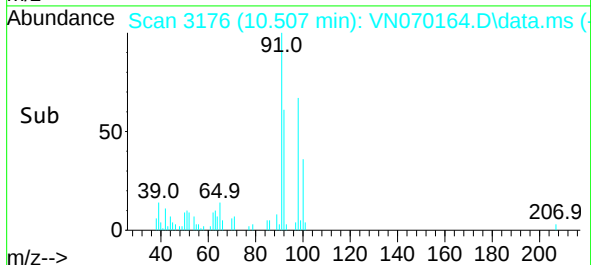
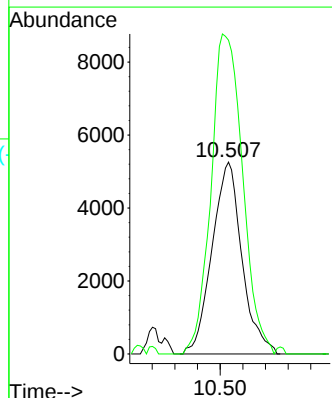
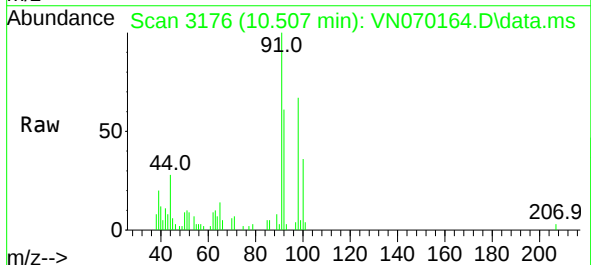
Instrument :
MSVOA_N
ClientSampleId :

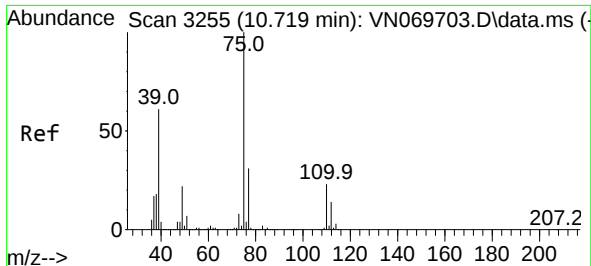
Tgt Ion: 43 Resp: 32158
Ion Ratio Lower Upper
43 100
58 34.0 30.4 45.6



#52
Toluene
Concen: 0.297 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

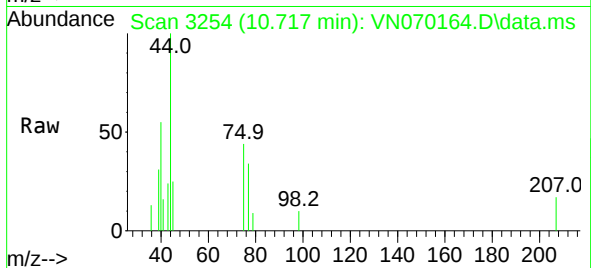
Tgt Ion: 92 Resp: 9625
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0



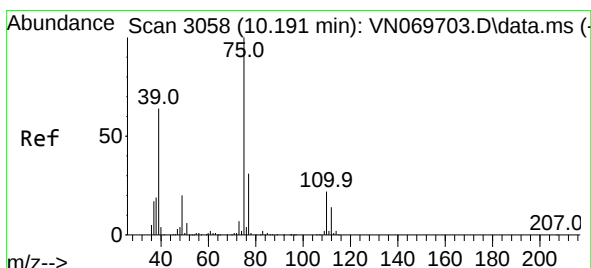
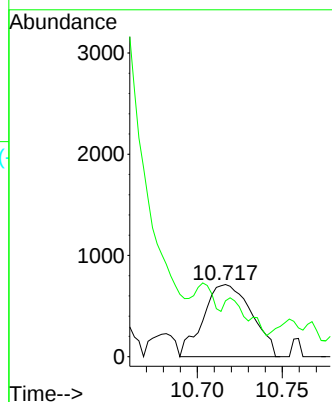
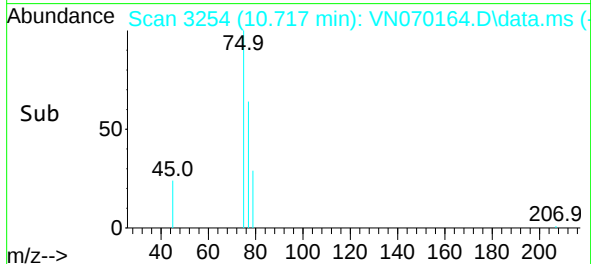


#53
t-1,3-Dichloropropene
Concen: 2.857 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

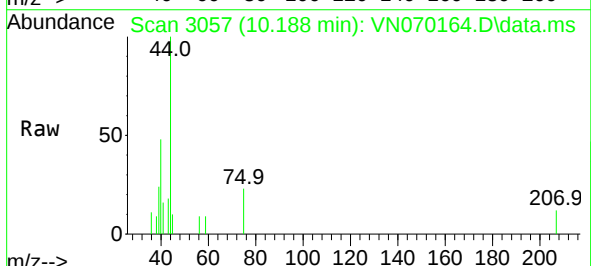
Instrument :
MSVOA_N
ClientSampleId :



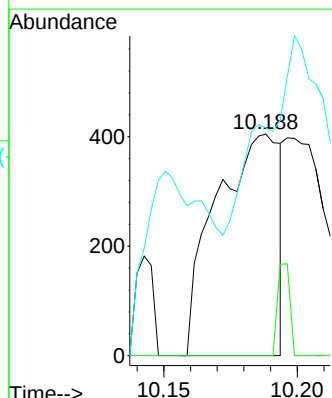
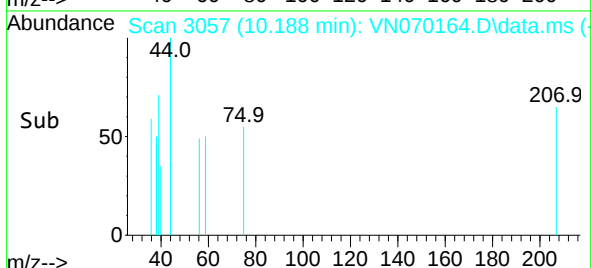
Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
77 35.5 25.6 38.4

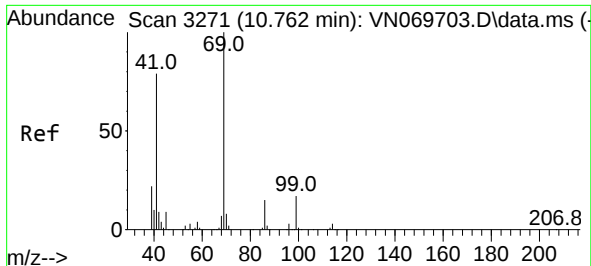


#54
cis-1,3-Dichloropropene
Concen: 2.028 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19



Tgt Ion: 75 Resp: 673
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 30.1 42.5 63.7#

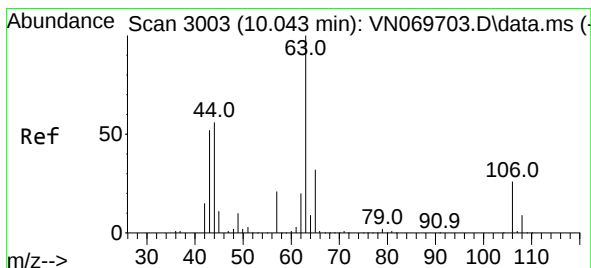
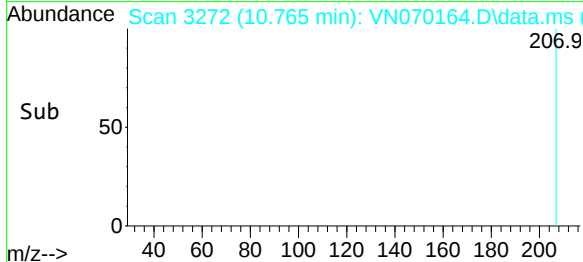
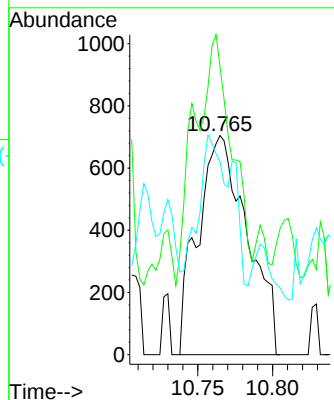
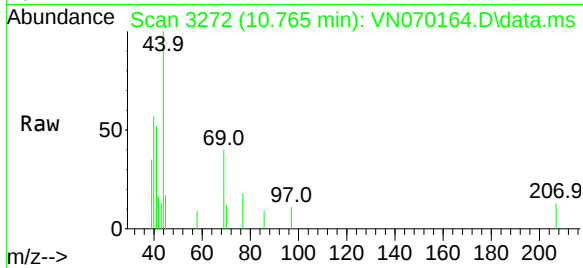




#56
Ethyl methacrylate
Concen: 2.342 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

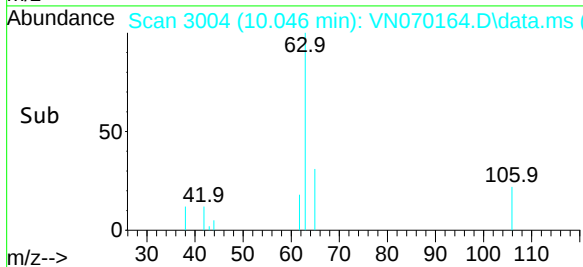
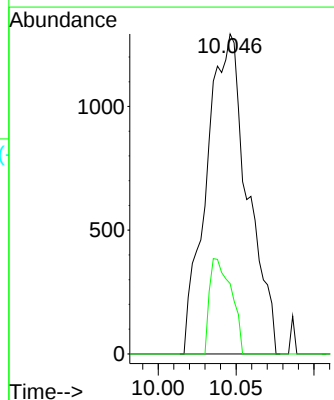
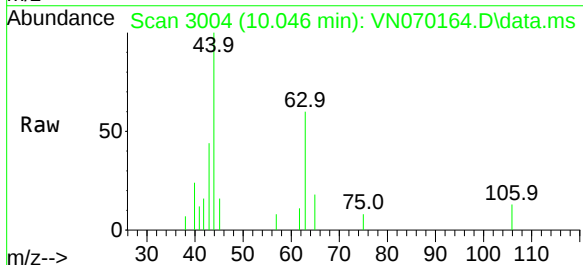
Instrument :
MSVOA_N
ClientSampleId :

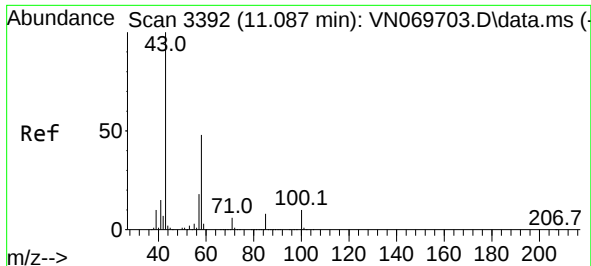
Tgt Ion: 69 Resp: 1620
Ion Ratio Lower Upper
69 100
41 54.4 51.4 77.0
39 29.8 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.719 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion: 63 Resp: 2369
Ion Ratio Lower Upper
63 100
106 15.7 23.9 35.9#

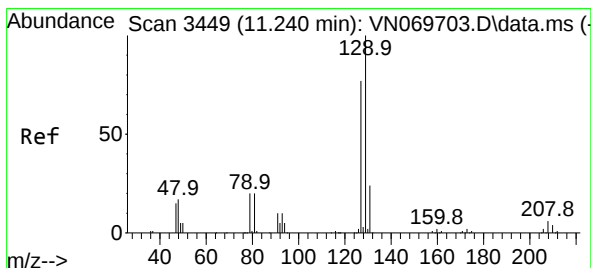
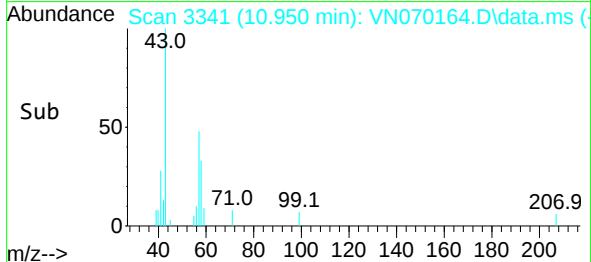
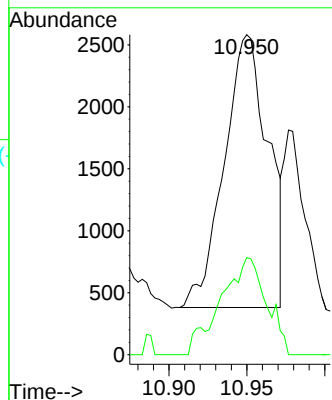
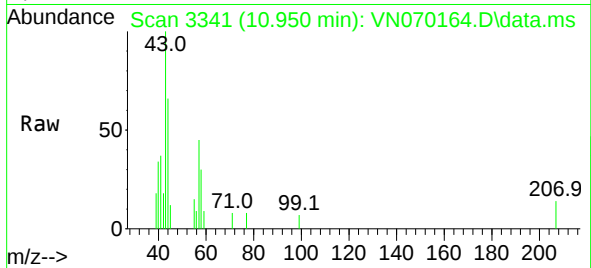




#59
2-Hexanone
Concen: 0.229 ug/l
RT: 10.950 min Scan# 31
Delta R.T. -0.137 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

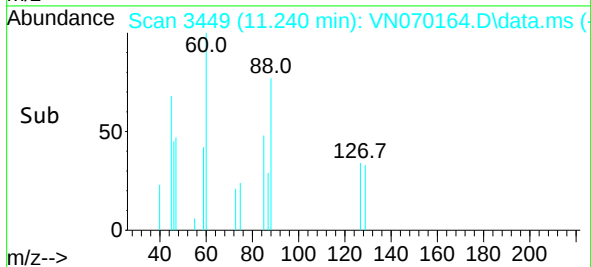
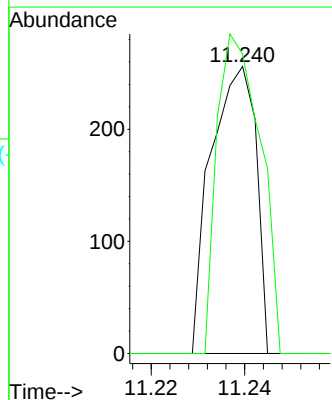
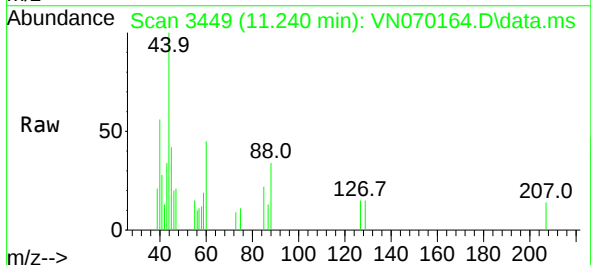
Instrument :
MSVOA_N
ClientSampleId :

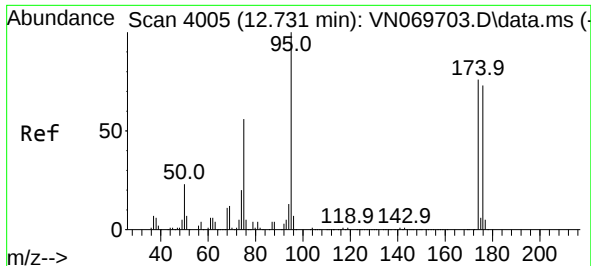
Tgt Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
58 37.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.388 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion:129 Resp: 171
Ion Ratio Lower Upper
129 100
127 107.0 38.6 116.0

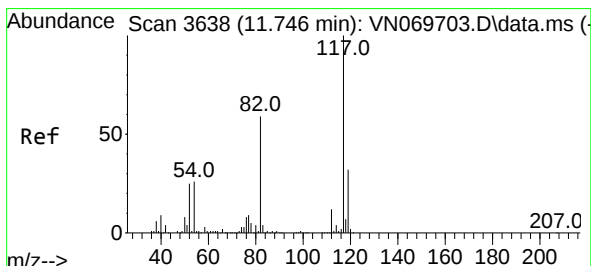
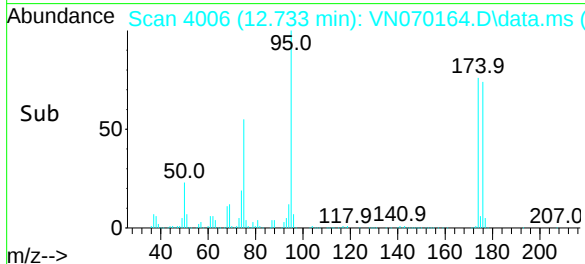
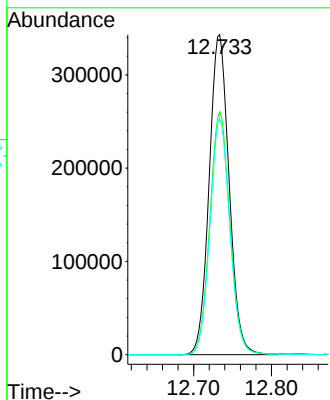
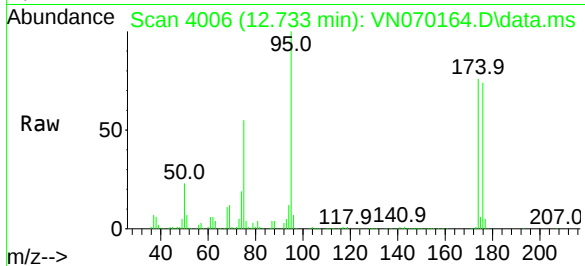




#62
4-Bromofluorobenzene
Concen: 36.740 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

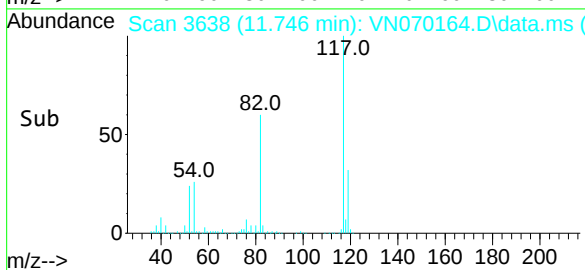
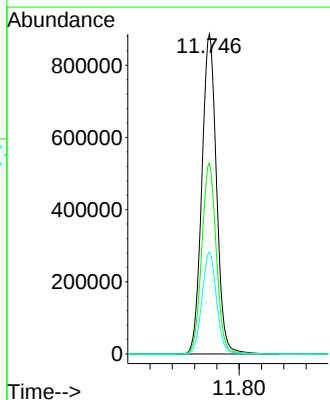
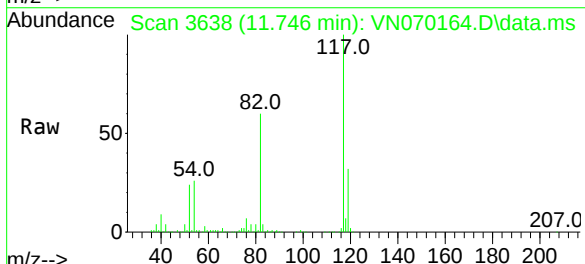
Instrument :
MSVOA_N
ClientSampleId :

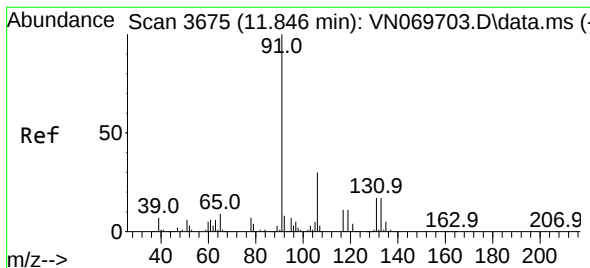
Tgt Ion: 95 Resp: 609818
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion: 117 Resp: 1616350
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.9 25.4 38.2





#67

Ethyl Benzene

Concen: 0.255 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN070164.D

Acq: 17 Dec 2021 15:19

Instrument :

MSVOA_N

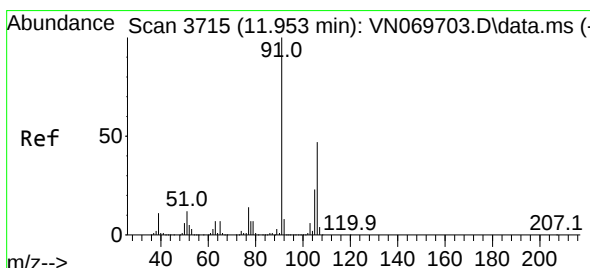
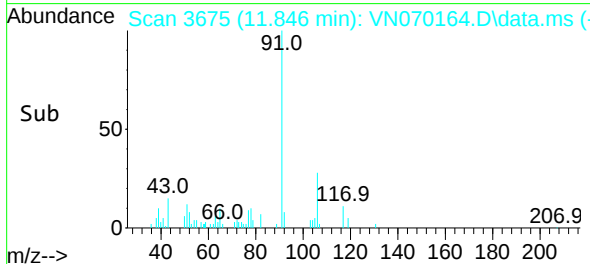
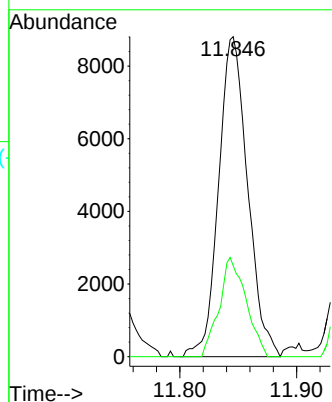
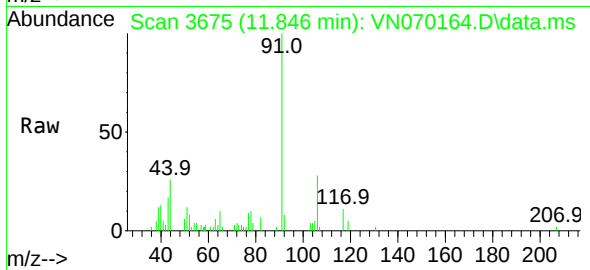
ClientSampleId :

Tgt Ion: 91 Resp: 15197

Ion Ratio Lower Upper

91 100

106 28.4 25.7 38.5



#68

m/p-Xylenes

Concen: 0.392 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN070164.D

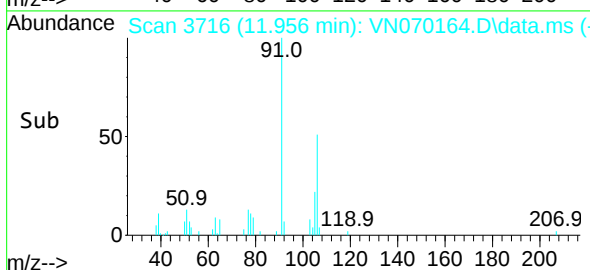
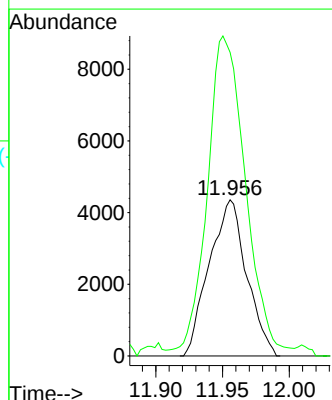
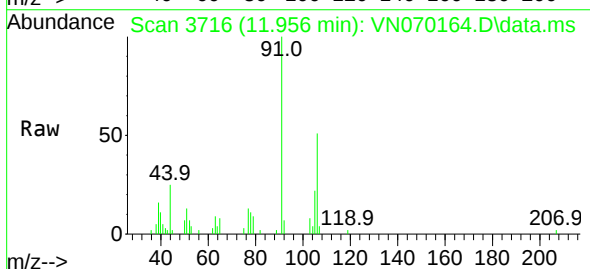
Acq: 17 Dec 2021 15:19

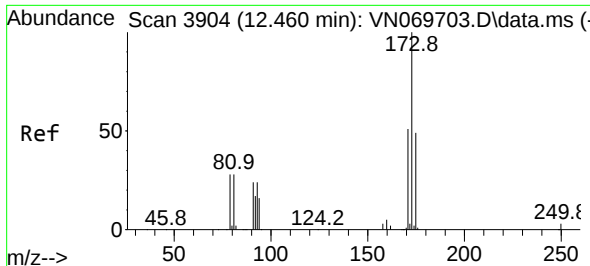
Tgt Ion: 106 Resp: 8493

Ion Ratio Lower Upper

106 100

91 200.1 160.6 240.8

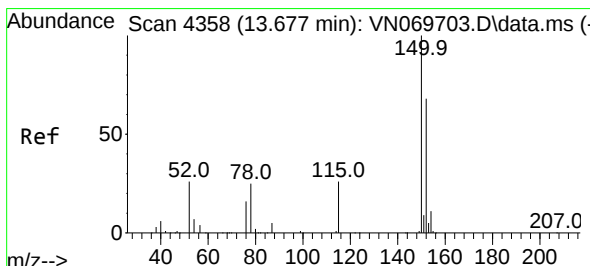
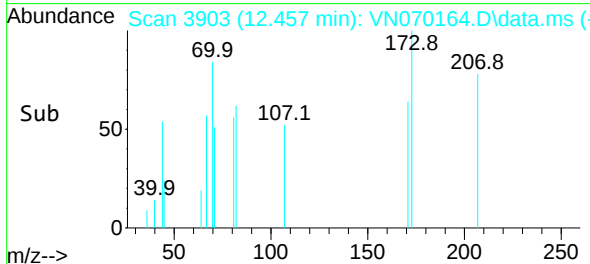
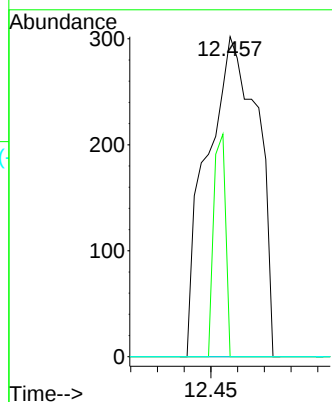
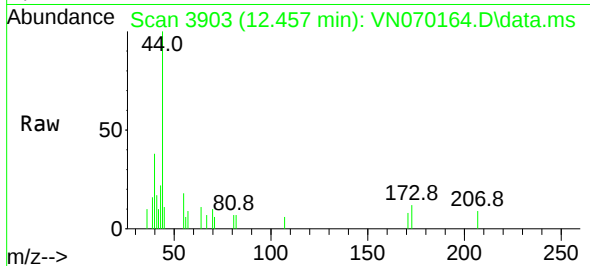




#71
Bromoform
Concen: 2.769 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

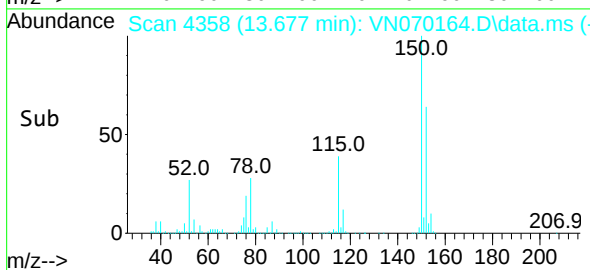
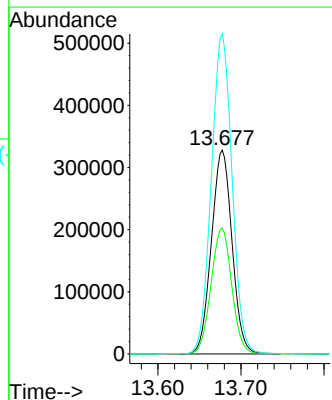
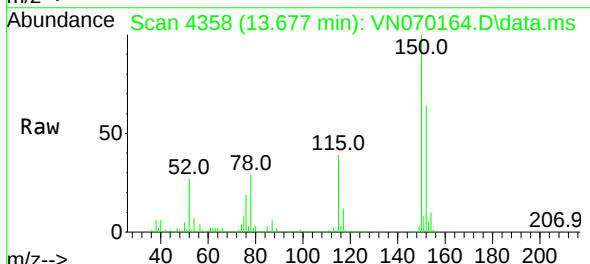
Instrument :
MSVOA_N
ClientSampleId :

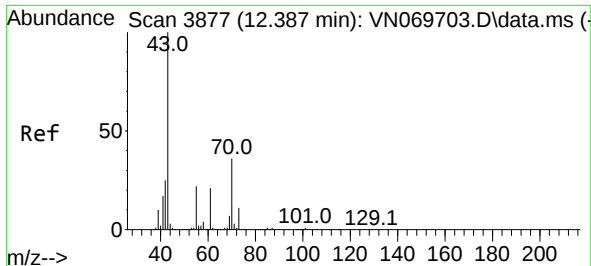
Tgt Ion:173 Resp: 399
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

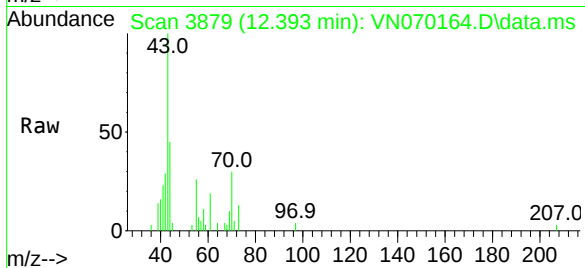
Tgt Ion:152 Resp: 567258
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 157.6 0.0 344.4



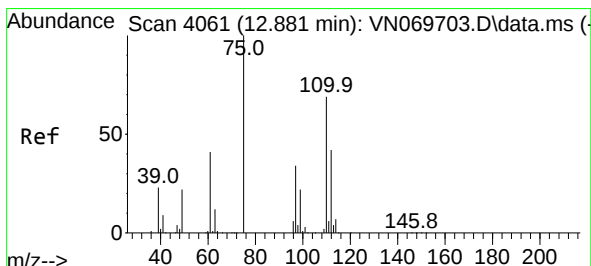
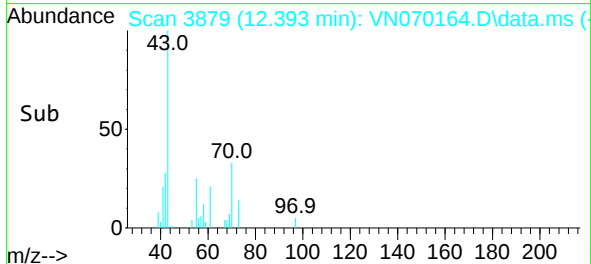
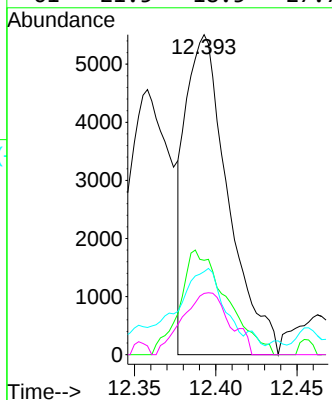


#74
N-amy1 acetate
Concen: 0.448 ug/l
RT: 12.393 min Scan# 3877
Delta R.T. 0.005 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

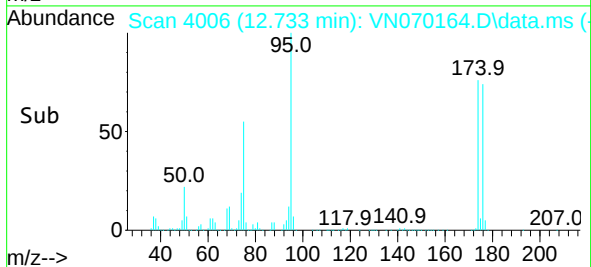
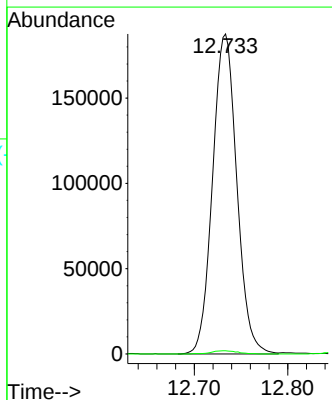
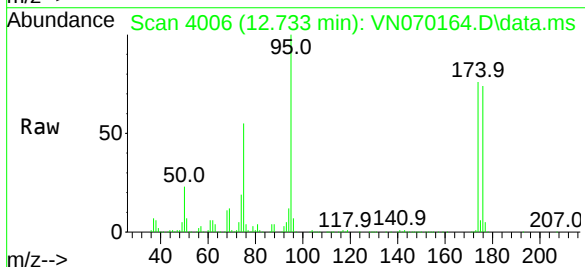


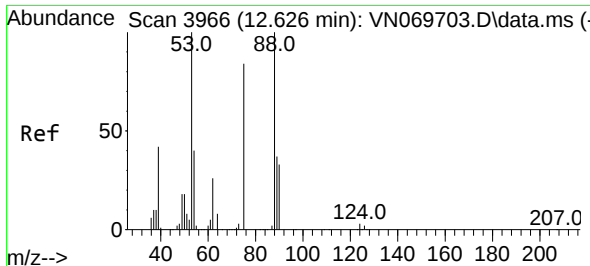
Tgt Ion:	43	Resp:	10003
Ion Ratio	100	Lower	Upper
70	36.1	33.4	50.0
55	22.1	19.3	28.9
61	21.5	18.5	27.7



#76
1,2,3-Trichloropropane
Concen: 20.795 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

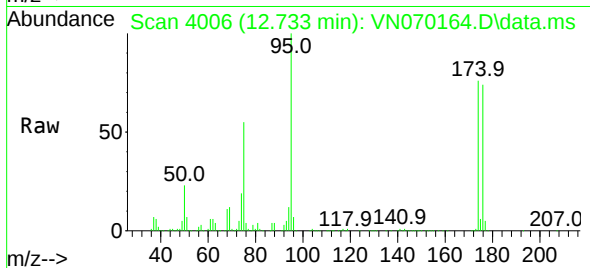
Tgt Ion:	75	Resp:	338285
Ion Ratio	100	Lower	Upper
77	1.1	82.6	247.8#



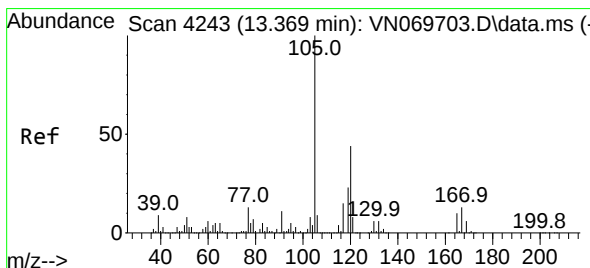
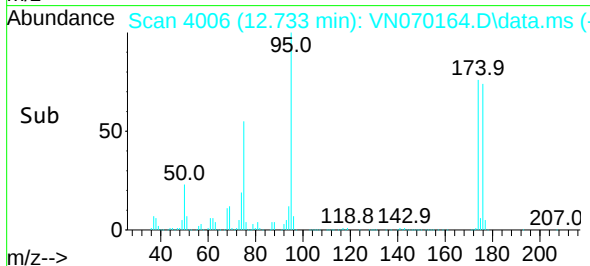
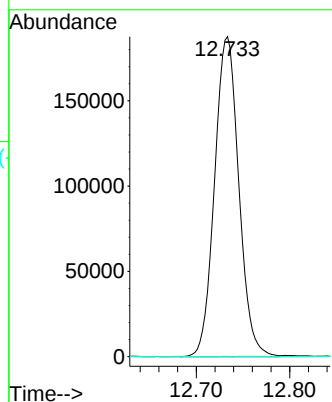


#81
trans-1,4-Dichloro-2-butene
Concen: 66.592 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

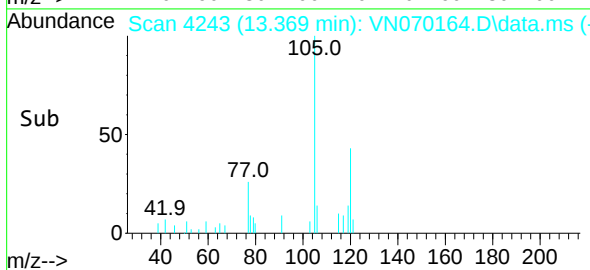
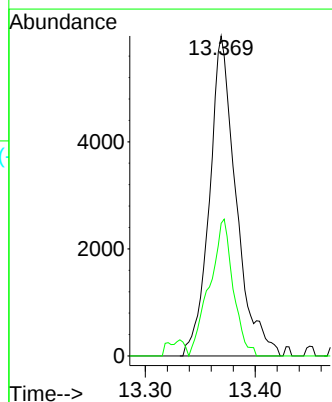
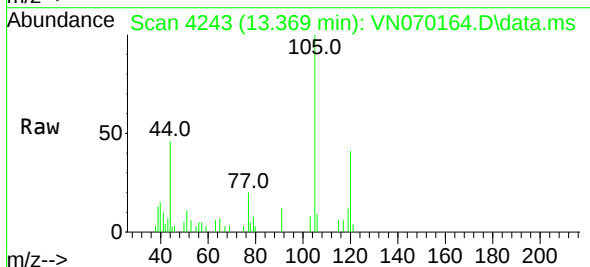


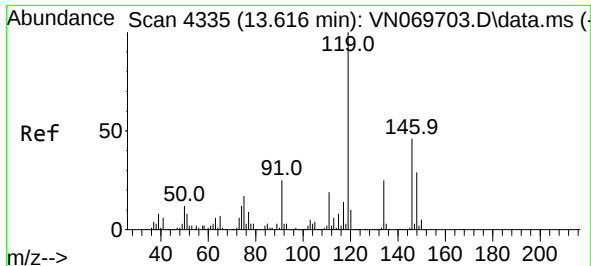
Tgt Ion: 75 Resp: 338285
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion: 105 Resp: 10048
Ion Ratio Lower Upper
105 100
120 37.9 22.8 68.4

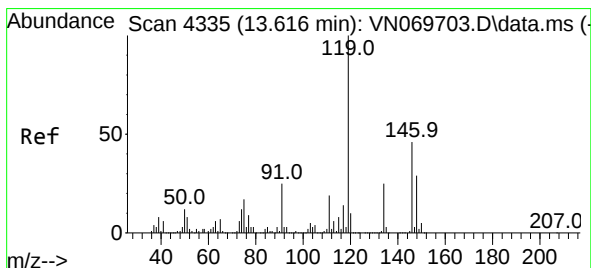
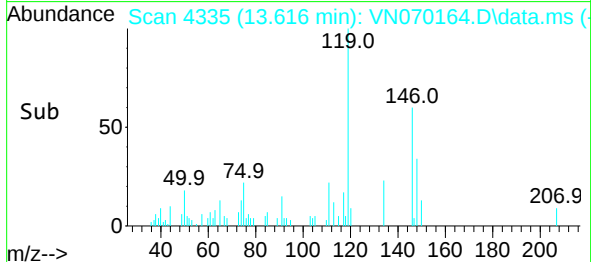
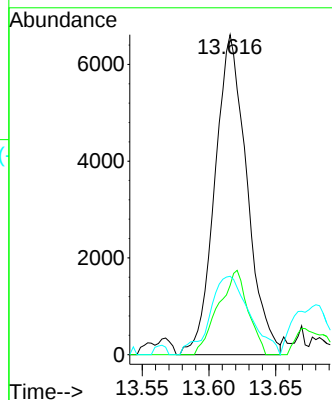
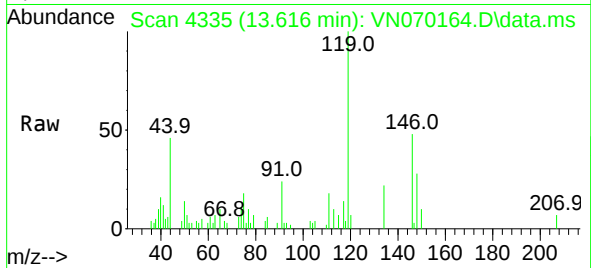




#86
p-Isopropyltoluene
Concen: 0.288 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

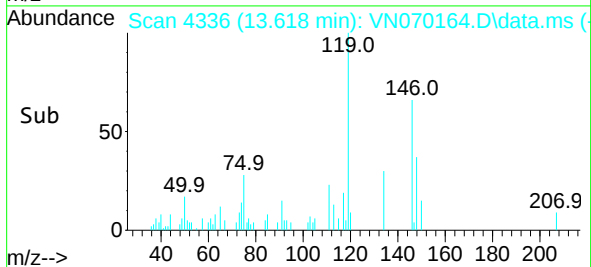
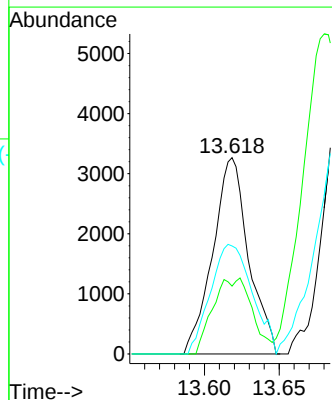
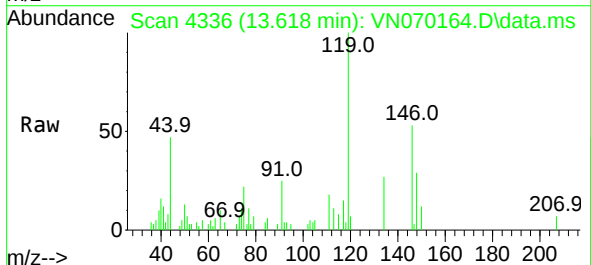
Instrument :
MSVOA_N
ClientSampleId :

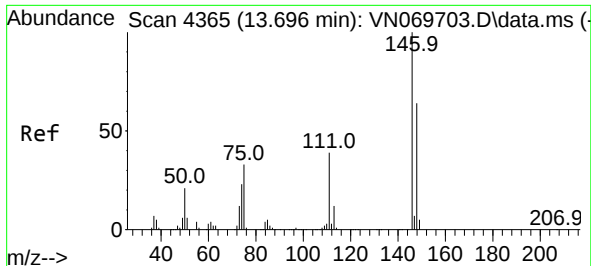
Tgt Ion:119 Resp: 10992
Ion Ratio Lower Upper
119 100
134 24.5 13.6 40.7
91 30.4 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

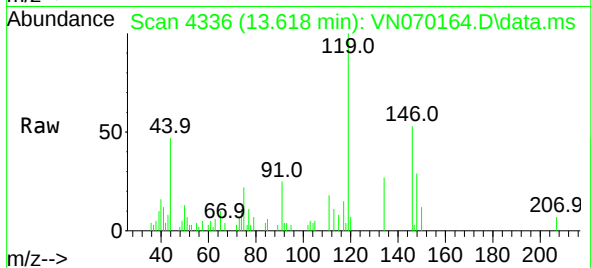
Tgt Ion:146 Resp: 5426
Ion Ratio Lower Upper
146 100
111 22.2 18.6 55.6
148 65.2 31.6 95.0



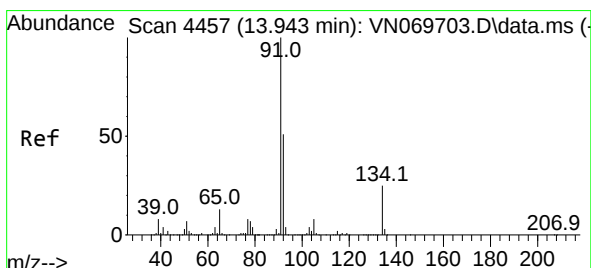
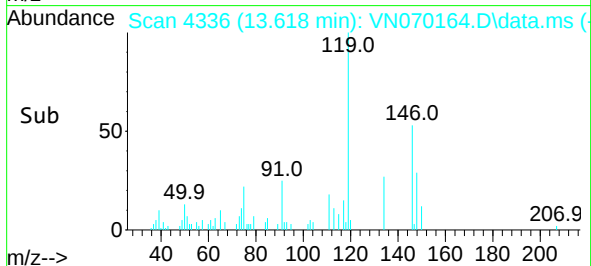
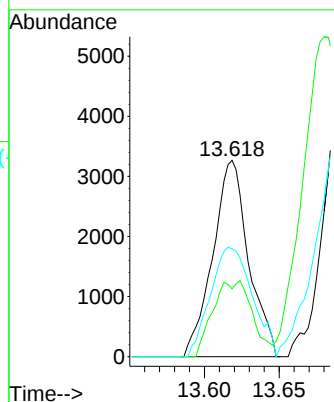


#88
1,4-Dichlorobenzene
Concen: 0.284 ug/l
RT: 13.618 min Scan# 41
Delta R.T. -0.078 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

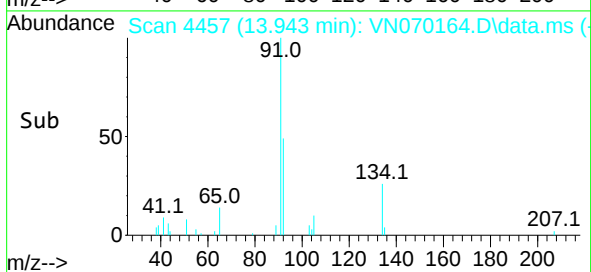
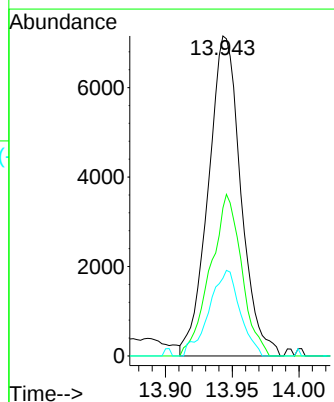
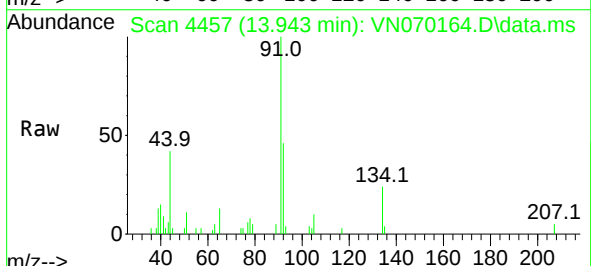


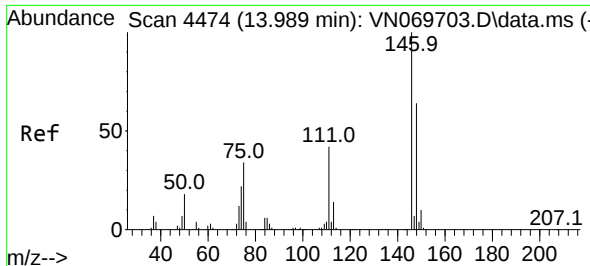
Tgt Ion:146 Resp: 5426
Ion Ratio Lower Upper
146 100
111 22.2 18.3 54.8
148 65.2 31.8 95.4



#89
n-Butylbenzene
Concen: 0.392 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

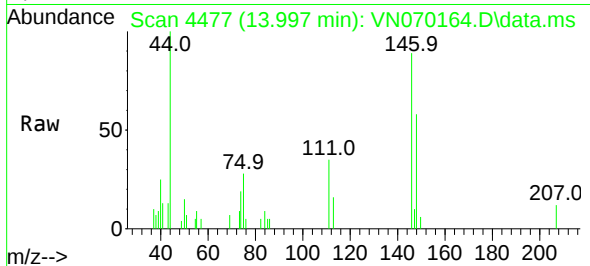
Tgt Ion: 91 Resp: 12120
Ion Ratio Lower Upper
91 100
92 48.5 25.4 76.0
134 25.5 13.6 40.8



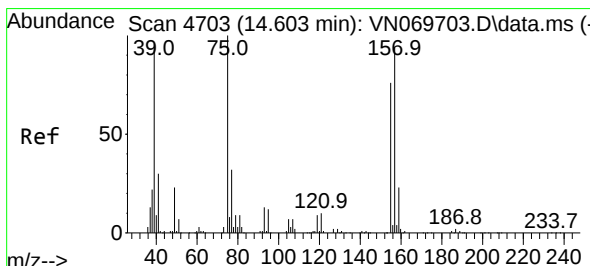
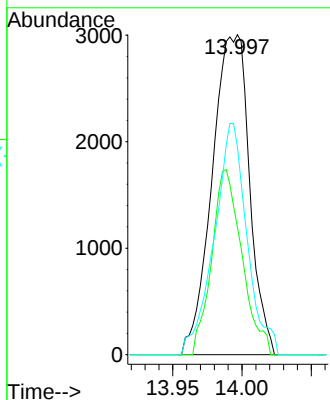
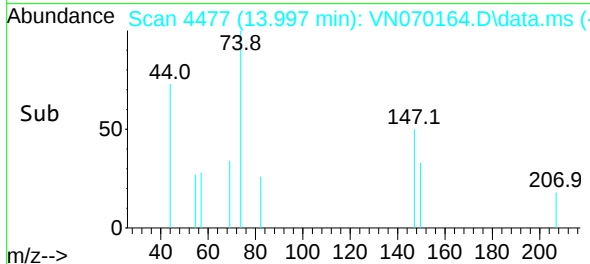


#91
1,2-Dichlorobenzene
Concen: 0.297 ug/l
RT: 13.997 min Scan# 4474
Delta R.T. 0.008 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

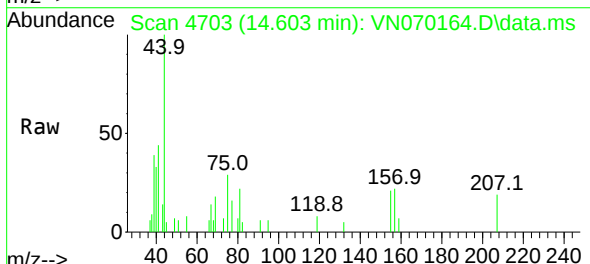
Instrument :
MSVOA_N
ClientSampleId :



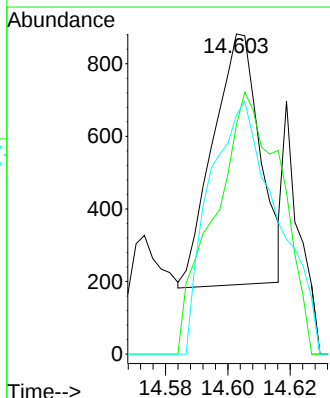
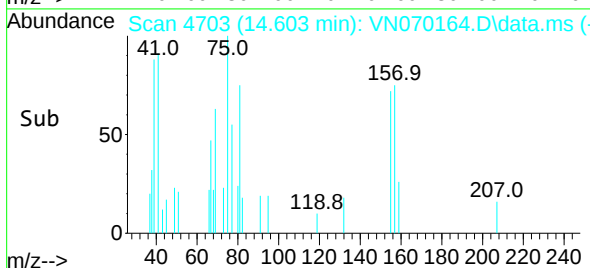
Tgt Ion:146 Resp: 5642
Ion Ratio Lower Upper
146 100
111 46.7 19.1 57.3
148 63.3 32.1 96.3

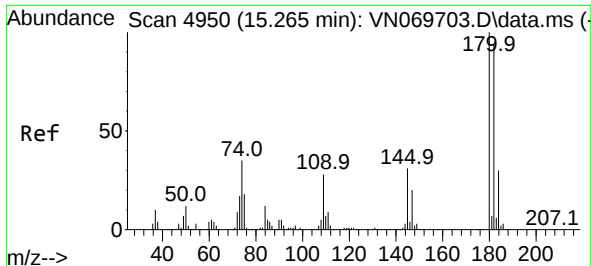


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.231 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19



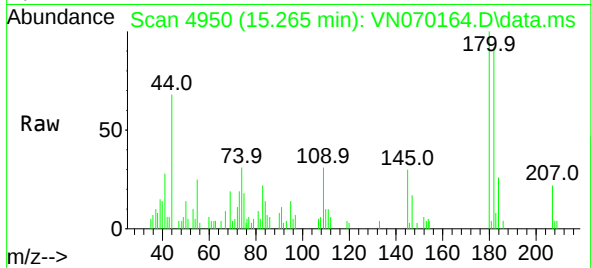
Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
155 146.5 46.9 140.7#
157 144.7 60.6 181.7



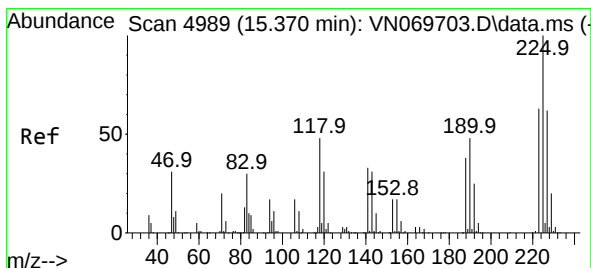
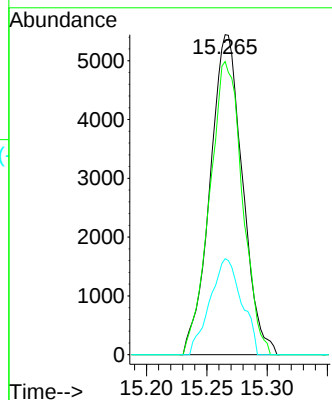
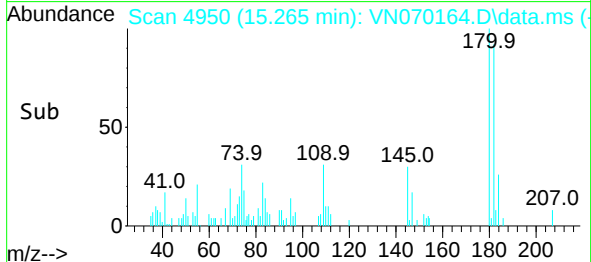


#93
 1,2,4-Trichlorobenzene
 Concen: 3.910 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19

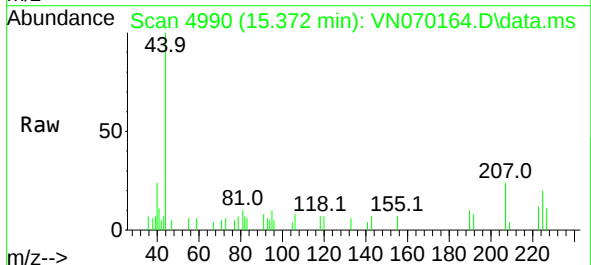
Instrument :
 MSVOA_N
 ClientSampleId :



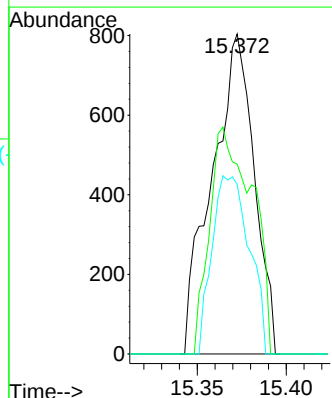
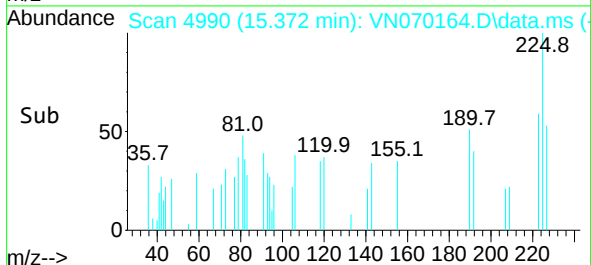
Tgt Ion:180 Resp: 10188
 Ion Ratio Lower Upper
 180 100
 182 92.4 48.3 144.9
 145 29.3 14.5 43.5

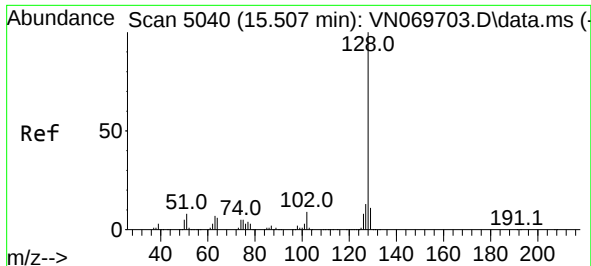


#94
 Hexachlorobutadiene
 Concen: 0.263 ug/l
 RT: 15.372 min Scan# 4990
 Delta R.T. 0.003 min
 Lab File: VN070164.D
 Acq: 17 Dec 2021 15:19



Tgt Ion:225 Resp: 1323
 Ion Ratio Lower Upper
 225 100
 223 71.9 31.9 95.7
 227 49.2 32.1 96.3

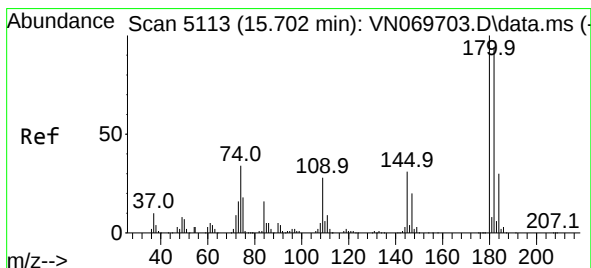
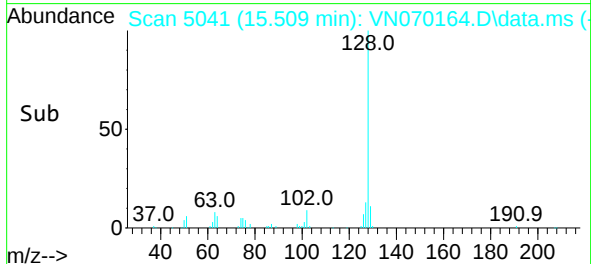
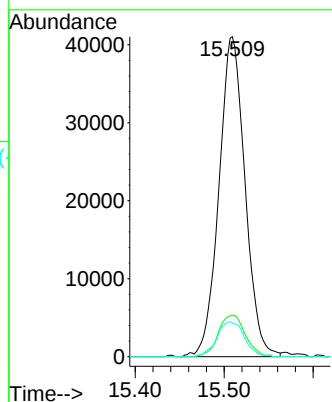
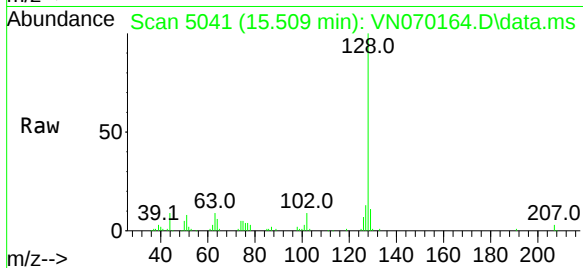




#95
Naphthalene
Concen: 6.760 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 83588
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.714 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070164.D
Acq: 17 Dec 2021 15:19

Tgt Ion:180 Resp: 12192
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.2
145 34.8 15.0 45.1

