

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070264.D
 Acq On : 21 Dec 2021 13:46
 Operator : JC/MD
 Sample : M5039-01DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:10:22 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	893569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1506537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1343026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	553237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	678343	49.167	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.340%
35) Dibromofluoromethane	8.021	113	440462	46.676	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.360%
50) Toluene-d8	10.441	98	1753737	46.284	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.560%
62) 4-Bromofluorobenzene	12.728	95	636740	46.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	3102	0.238	ug/l	89
5) Bromomethane	2.883	94	2134	0.327	ug/l	84
11) Tert butyl alcohol	5.382	59	12149	4.659	ug/l #	71
13) Acrolein	4.047	56	943	0.425	ug/l #	14
14) Allyl chloride	5.082	41	36776	1.917	ug/l #	63
15) Acrylonitrile	5.613	53	9541	1.358	ug/l #	49
16) Acetone	4.253	43	11060	1.333	ug/l #	52
18) Methyl Acetate	5.079	43	84077	3.356	ug/l #	51
19) Methyl tert-butyl Ether	5.616	73	7455	0.225	ug/l #	1
20) Methylene Chloride	5.101	84	4916	0.446	ug/l #	84
25) 2-Butanone	7.346	43	13199	1.170	ug/l #	85
30) Chloroform	7.780	83	34683	1.768	ug/l #	18
31) Cyclohexane	8.091	56	212220	11.053	ug/l #	80
36) 1,1-Dichloropropene	8.086	75	75052	5.233	ug/l #	45
37) Ethyl Acetate	7.346	43	13199	0.618	ug/l #	68
38) Carbon Tetrachloride	8.086	117	90878	6.462	ug/l #	16
39) Methylcyclohexane	9.459	83	422572	24.771	ug/l #	87
40) Benzene	8.461	78	35755	0.816	ug/l	95
41) Methacrylonitrile	7.681	41	8362	0.834	ug/l #	41
43) Isopropyl Acetate	8.552	43	36013	1.140	ug/l #	55
45) 1,2-Dichloropropane	9.454	63	7280	0.618	ug/l #	1
47) Bromodichloromethane	9.746	83	12930	0.885	ug/l #	25
48) Methyl methacrylate	9.639	41	63941	4.337	ug/l #	67
52) Toluene	10.505	92	9395	0.351	ug/l	93
53) t-1,3-Dichloropropene	10.706	75	203	2.805	ug/l #	30
54) cis-1,3-Dichloropropene	10.191	75	390	2.019	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	48785	4.518	ug/l #	20
56) Ethyl methacrylate	10.781	69	8684	2.686	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.971	63	9805	20.040	ug/l #	45
59) 2-Hexanone	11.084	43	7252	0.468	ug/l #	57
60) Dibromochloromethane	10.977	129	1808	2.525	ug/l #	11
67) Ethyl Benzene	11.843	91	449667	9.086	ug/l	97
68) m/p-Xylenes	11.958	106	146813	8.147	ug/l	93
69) o-Xylene	12.278	106	19915	1.097	ug/l	93
70) Styrene	12.578	104	57667	2.004	ug/l #	1
71) Bromoform	12.723	173	440	2.782	ug/l #	29

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

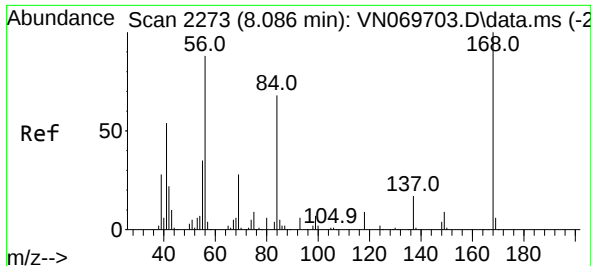
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.578	105	2226954	45.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.846	83	3719	0.218	ug/l #	25
76) 1,2,3-Trichloropropane	12.919	75	22708	1.431	ug/l #	1
78) n-propylbenzene	12.919	91	3497687	63.857	ug/l	96
79) 2-Chlorotoluene	13.015	91	235211	6.796	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	3674058	92.736	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.575	75	29478	9.648	ug/l #	70
82) 4-Chlorotoluene	13.058	91	409957	12.595	ug/l #	38
83) tert-Butylbenzene	13.367	119	956462	27.264	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.367	105	7865000	208.450	ug/l	98
85) sec-Butylbenzene	13.367	105	7865000	165.286	ug/l #	56
86) p-Isopropyltoluene	13.560	119	113319	3.047	ug/l	99
89) n-Butylbenzene	13.940	91	154036	5.105	ug/l #	75
90) Hexachloroethane	14.214	117	177970	27.253	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	3604	1.172	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	3284	3.219	ug/l #	87
95) Naphthalene	15.504	128	295164	14.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	4113	2.878	ug/l #	84

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

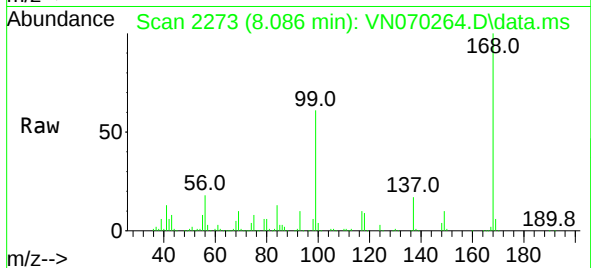
Quant Time: Dec 21 20:10:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



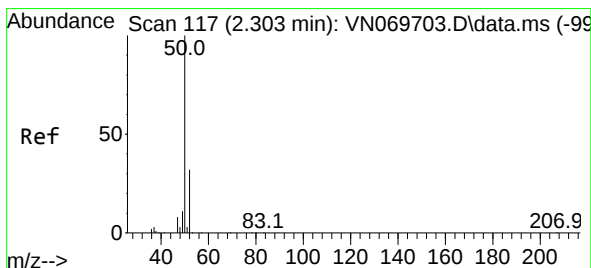
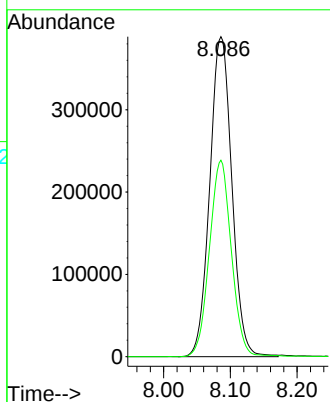
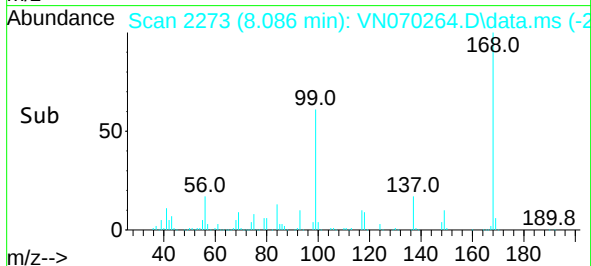


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

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ClientSampleId :

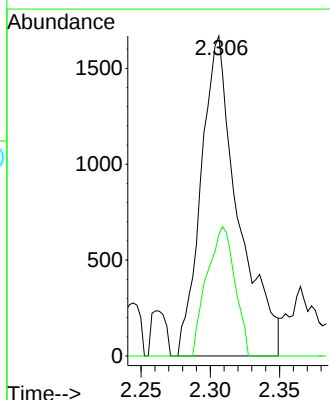
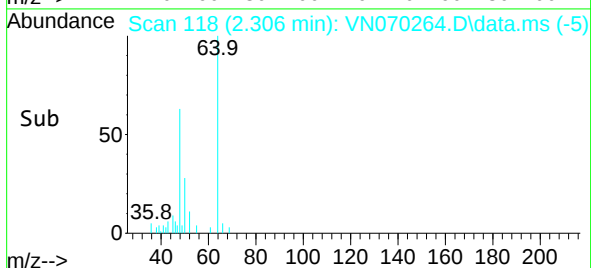
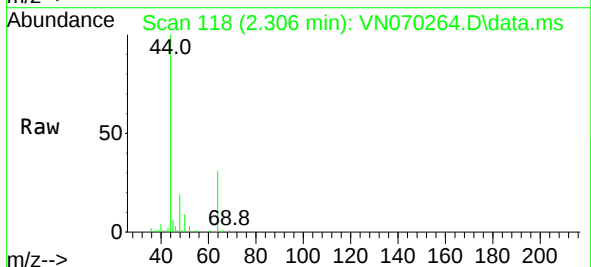


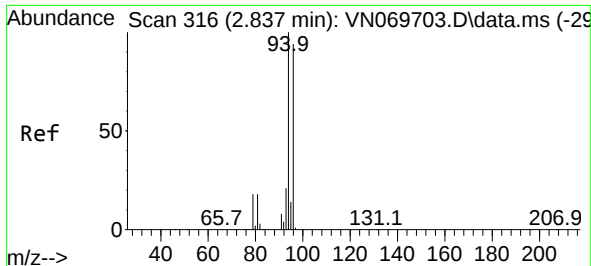
Tgt Ion:168 Resp: 893569
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

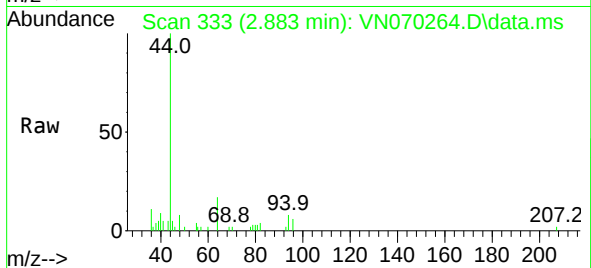
Tgt Ion: 50 Resp: 3102
Ion Ratio Lower Upper
50 100
52 37.9 25.4 38.0



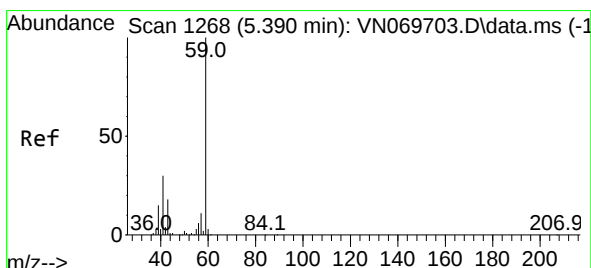
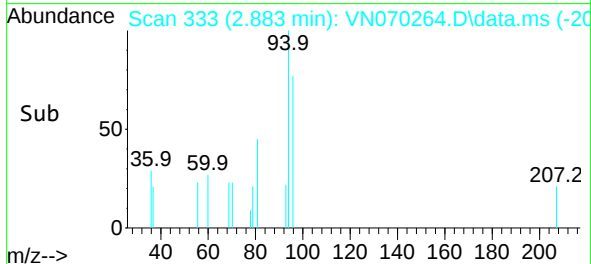
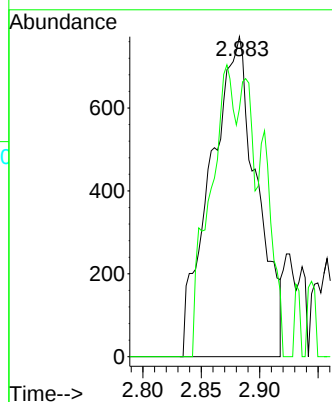


#5
Bromomethane
Concen: 0.327 ug/l
RT: 2.883 min Scan# 316
Delta R.T. 0.046 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

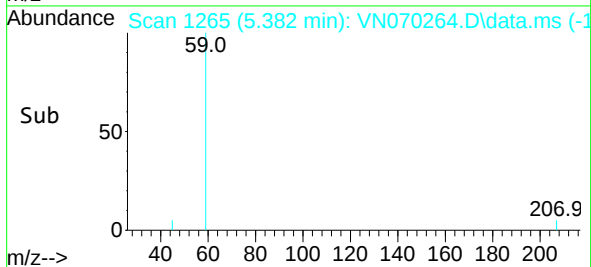
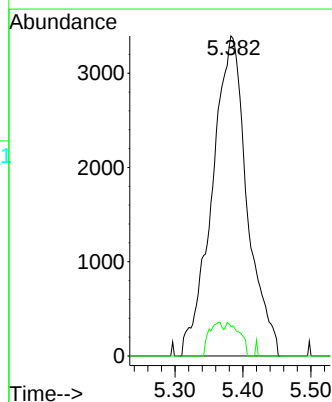
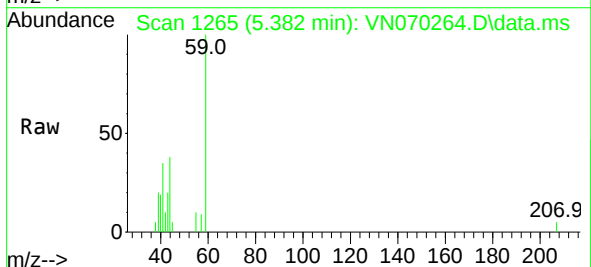


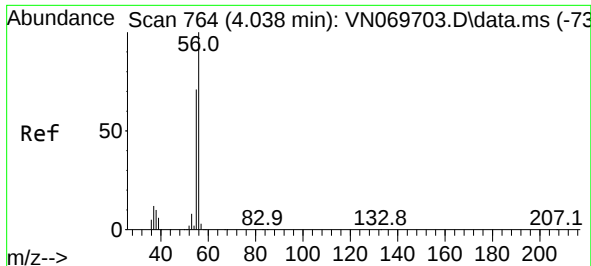
Tgt Ion: 94 Resp: 2134
Ion Ratio Lower Upper
94 100
96 77.5 73.8 110.8



#11
Tert butyl alcohol
Concen: 4.659 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

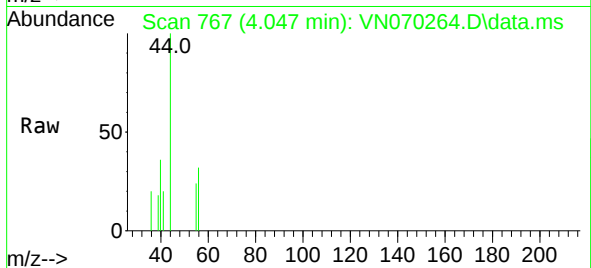
Tgt Ion: 59 Resp: 12149
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



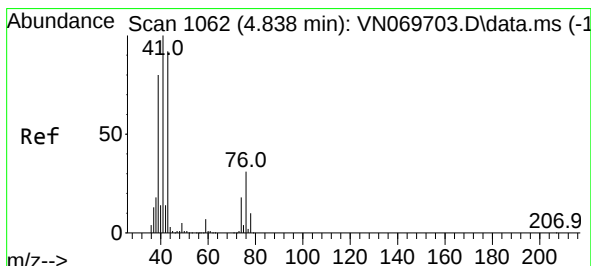
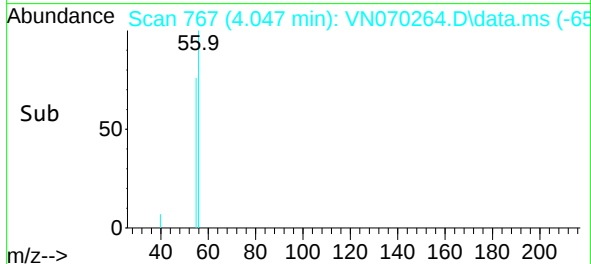
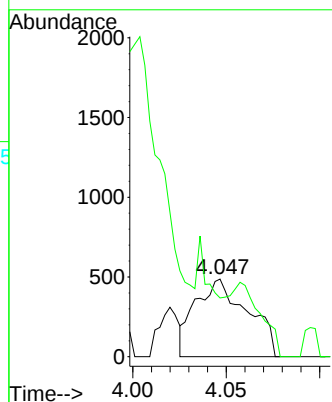


#13
Acrolein
Concen: 0.425 ug/l
RT: 4.047 min Scan# 70
Delta R.T. 0.008 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

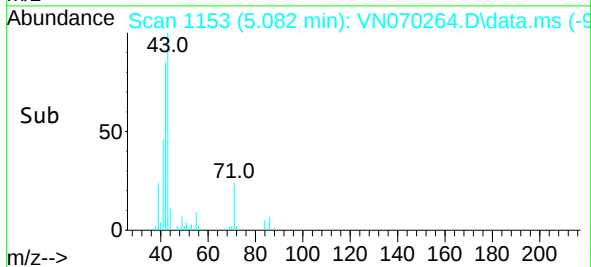
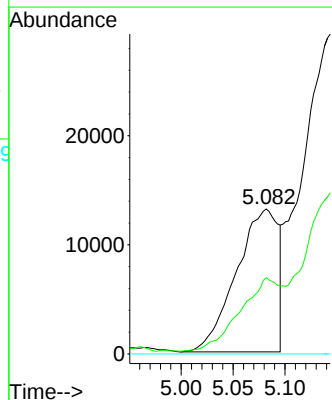
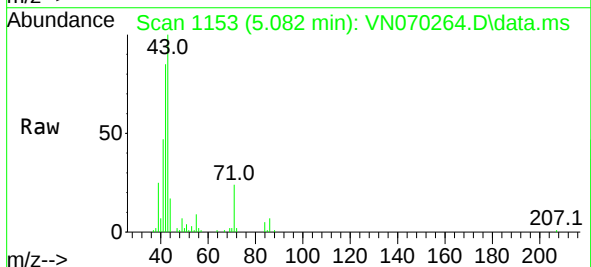


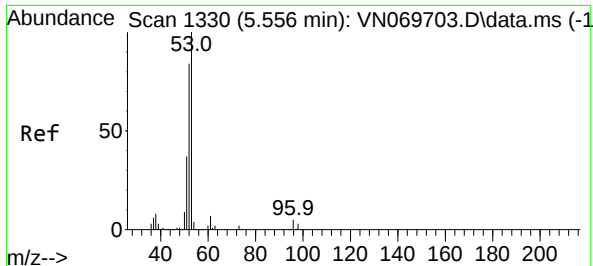
Tgt Ion: 56 Resp: 943
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#14
Allyl chloride
Concen: 1.917 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. 0.244 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 41 Resp: 36776
Ion Ratio Lower Upper
41 100
39 52.1 61.2 91.8#
76 0.0 26.0 39.0#

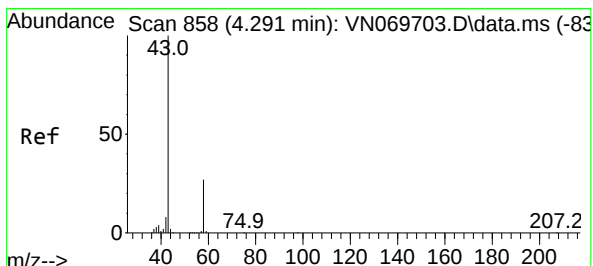
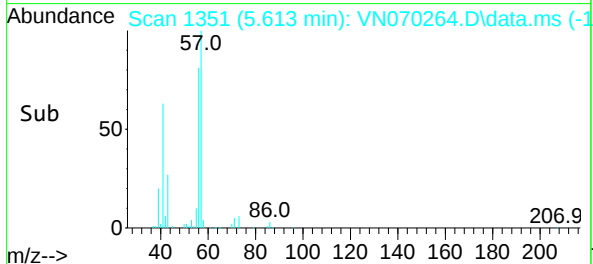
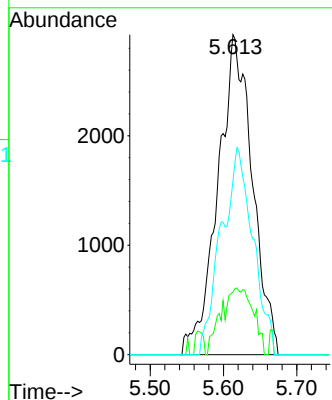
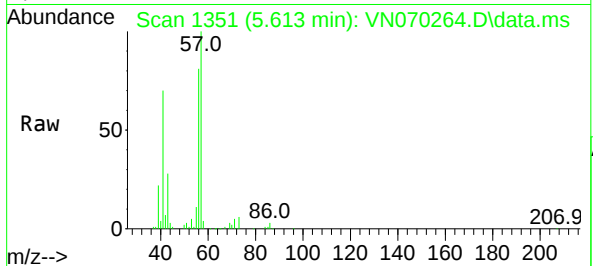




#15
Acrylonitrile
Concen: 1.358 ug/l
RT: 5.613 min Scan# 11
Delta R.T. 0.057 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

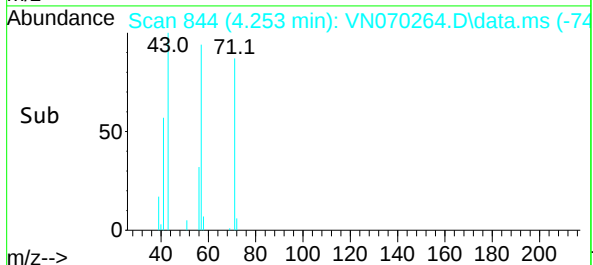
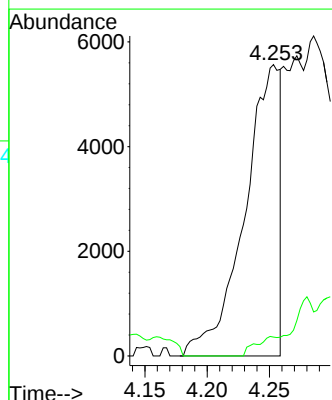
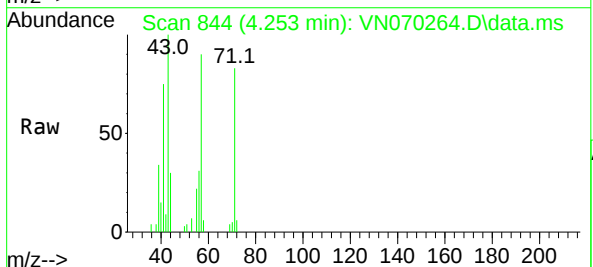
Instrument :
MSVOA_N
ClientSampleId :

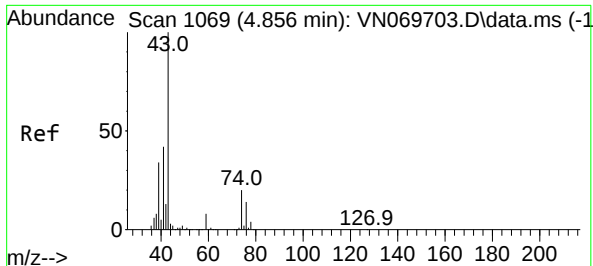
Tgt Ion: 53 Resp: 9541
Ion Ratio Lower Upper
53 100
52 19.4 66.2 99.2#
51 41.9 29.6 44.4



#16
Acetone
Concen: 1.333 ug/l
RT: 4.253 min Scan# 844
Delta R.T. -0.037 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 43 Resp: 11060
Ion Ratio Lower Upper
43 100
58 3.3 23.1 34.7#





#18

Methyl Acetate

Concen: 3.356 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.223 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

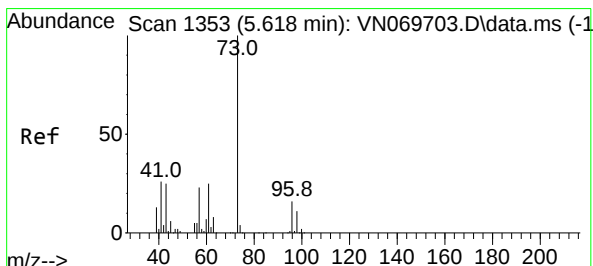
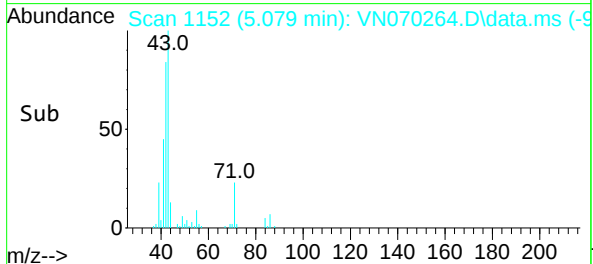
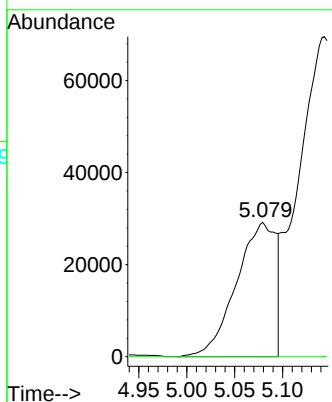
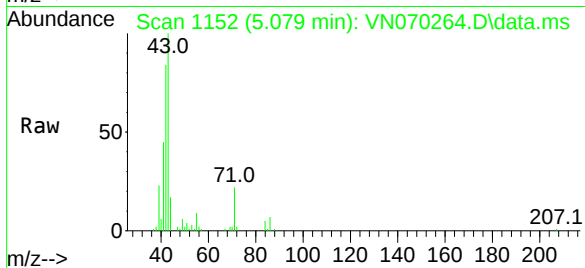
ClientSampleId :

Tgt Ion: 43 Resp: 84077

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.225 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.002 min

Lab File: VN070264.D

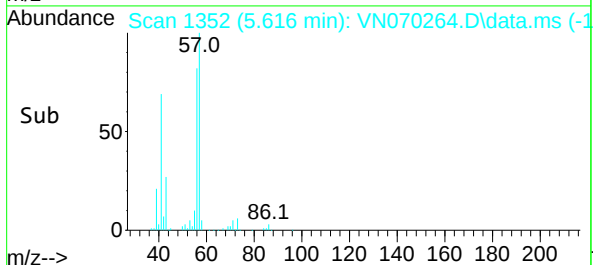
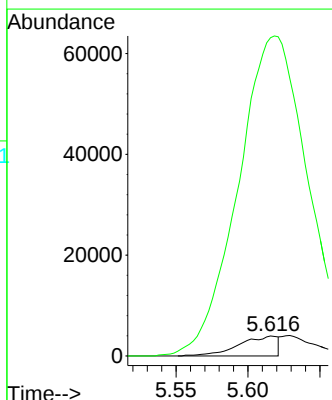
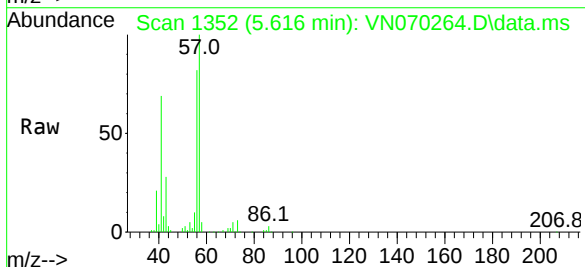
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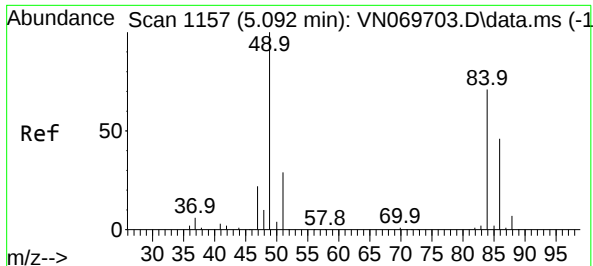
Tgt Ion: 73 Resp: 7455

Ion Ratio Lower Upper

73 100

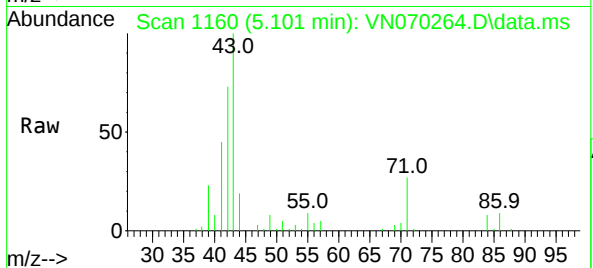
57 1568.4 16.8 25.2#



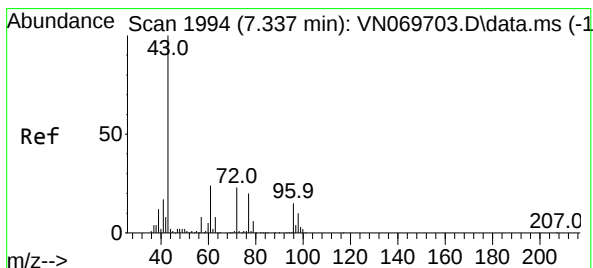
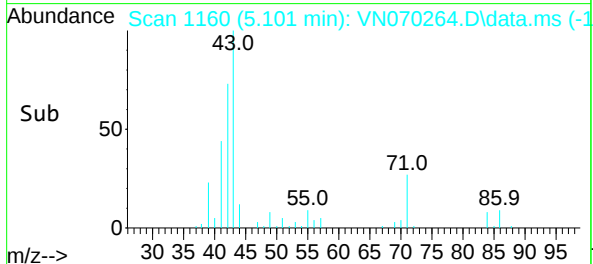
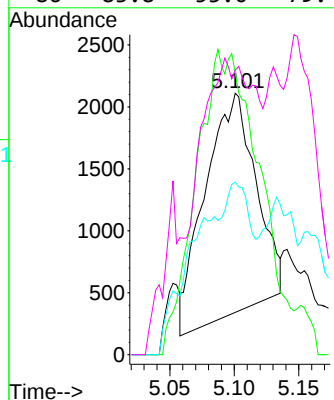


#20
Methylene Chloride
Concen: 0.446 ug/l
RT: 5.101 min Scan# 1157
Delta R.T. 0.008 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

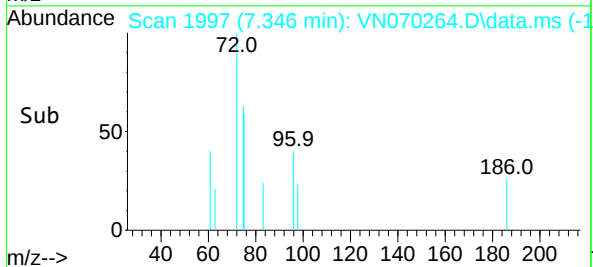
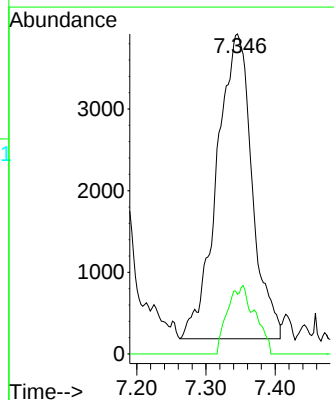
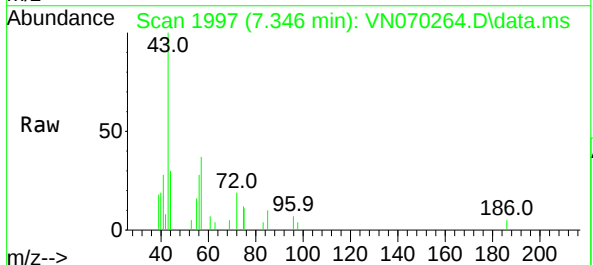


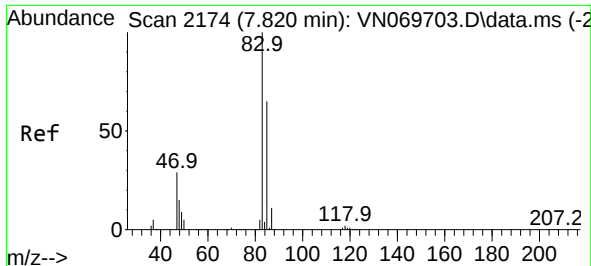
Tgt Ion: 84 Resp: 4916
Ion Ratio Lower Upper
84 100
49 109.4 93.5 140.3
51 56.9 29.4 44.2#
86 83.8 53.0 79.4#



#25
2-Butanone
Concen: 1.170 ug/l
RT: 7.346 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

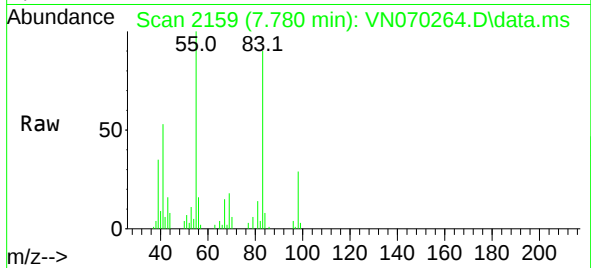
Tgt Ion: 43 Resp: 13199
Ion Ratio Lower Upper
43 100
72 19.6 21.7 32.5#



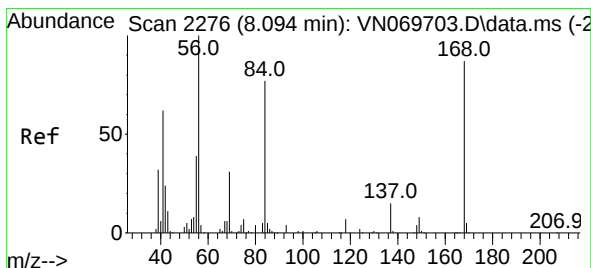
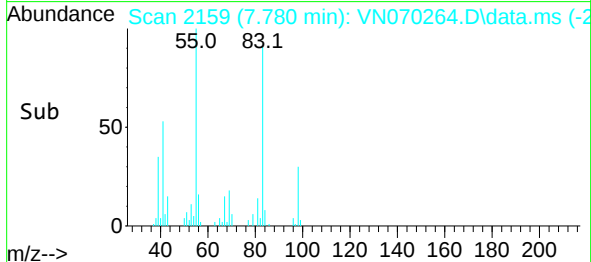
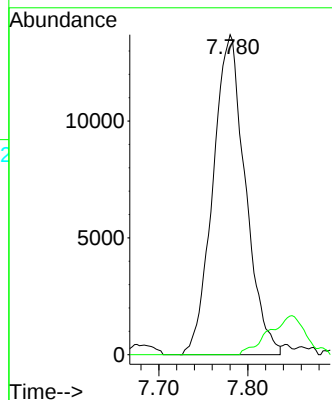


#30
Chloroform
Concen: 1.768 ug/l
RT: 7.780 min Scan# 2174
Delta R.T. -0.040 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

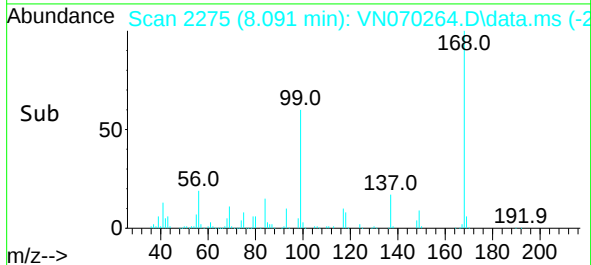
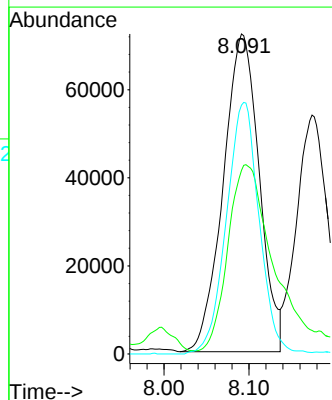
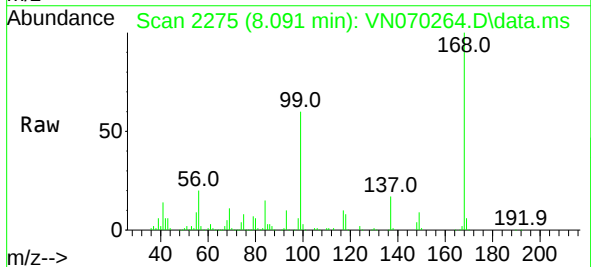


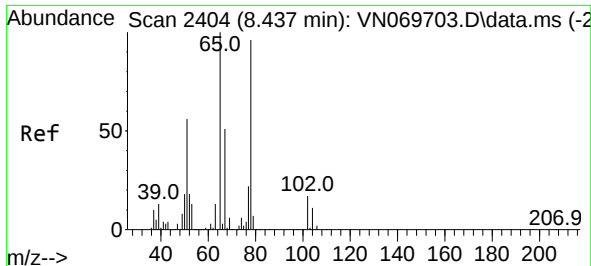
Tgt Ion: 83 Resp: 34683
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 11.053 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 56 Resp: 212220
Ion Ratio Lower Upper
56 100
69 54.3 27.1 40.7#
84 78.3 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 49.167 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

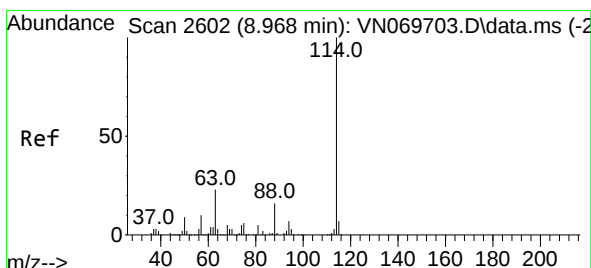
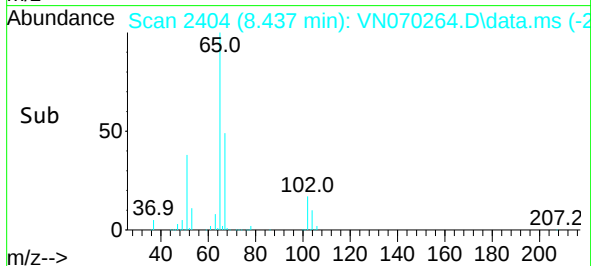
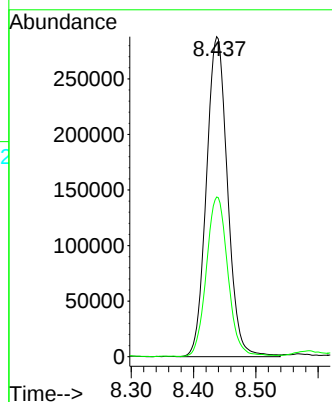
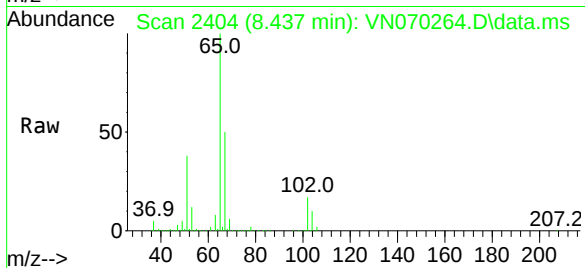
ClientSampleId :

Tgt Ion: 65 Resp: 678343

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

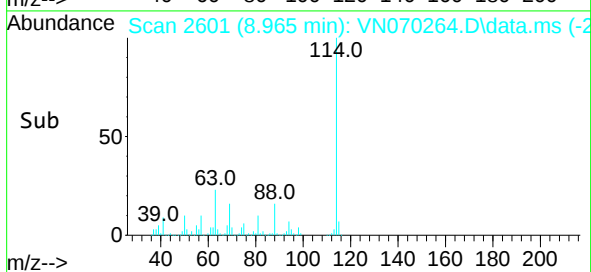
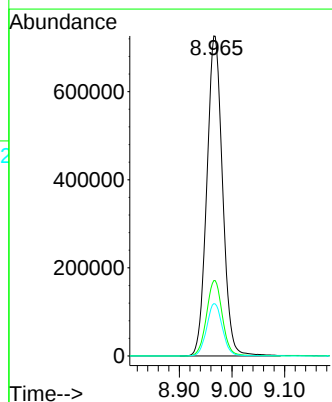
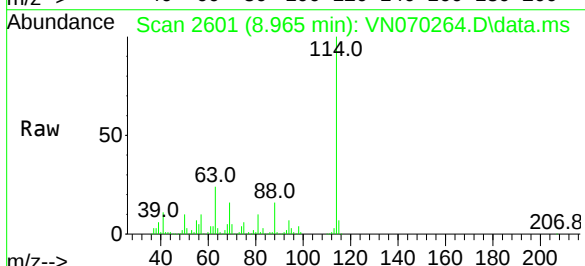
Tgt Ion: 114 Resp: 1506537

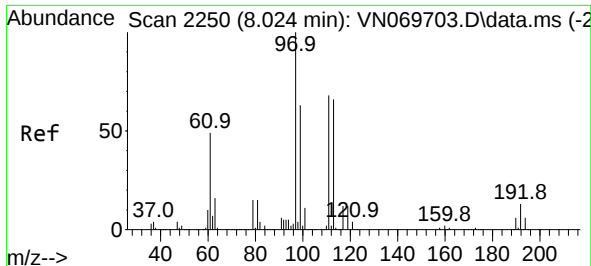
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

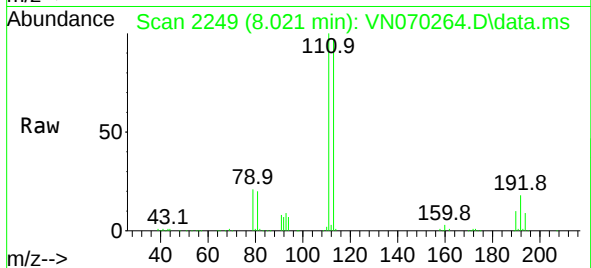
88 16.4 0.0 27.4



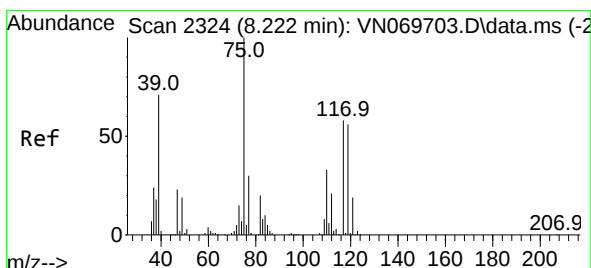
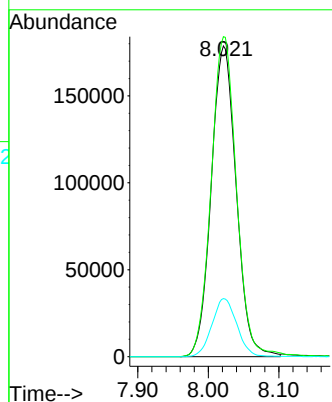
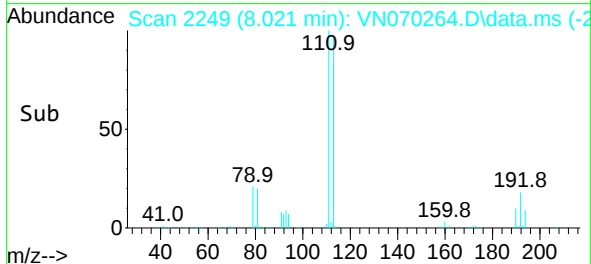


#35
 Dibromofluoromethane
 Concen: 46.676 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

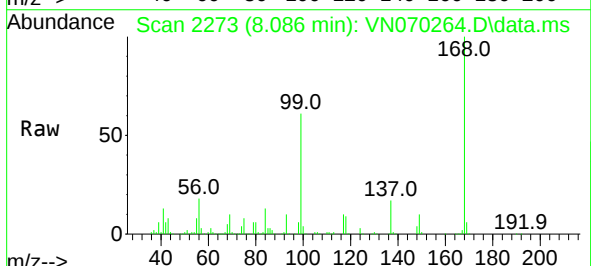
Instrument :
 MSVOA_N
 ClientSampleId :



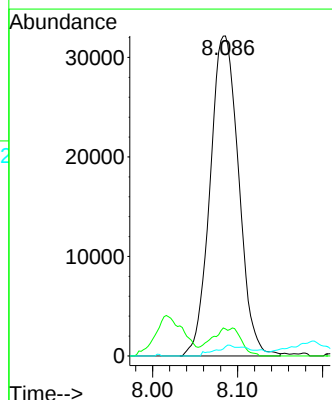
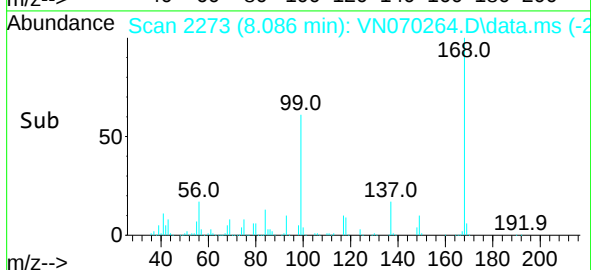
Tgt Ion:113 Resp: 440462
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.2
 192 18.6 16.9 25.3

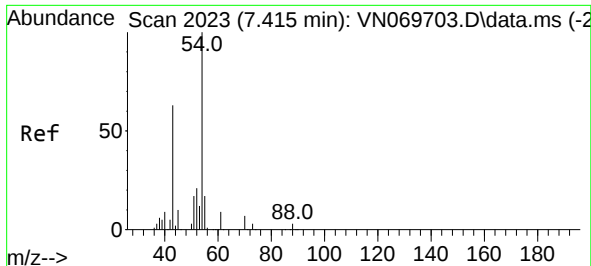


#36
 1,1-Dichloropropene
 Concen: 5.233 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46



Tgt Ion: 75 Resp: 75052
 Ion Ratio Lower Upper
 75 100
 110 2.9 18.4 55.2#
 77 2.3 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.618 ug/l

RT: 7.346 min Scan# 19

Delta R.T. -0.070 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

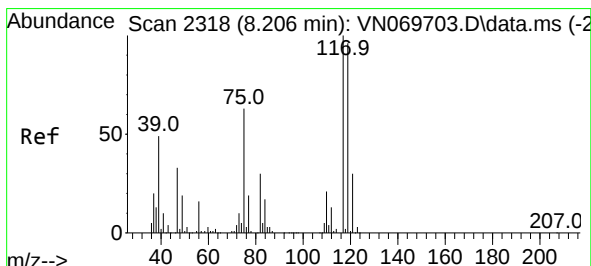
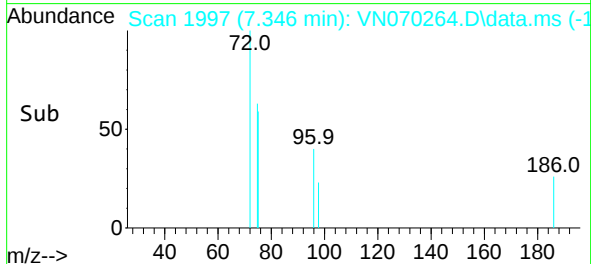
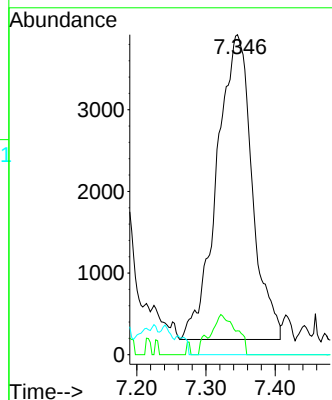
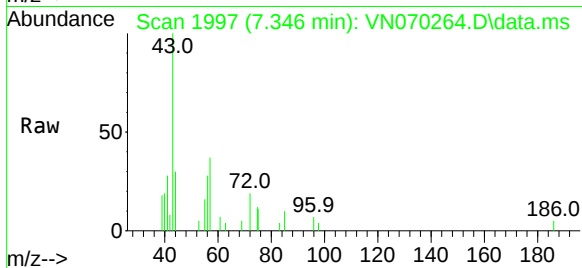
Tgt Ion: 43 Resp: 13199

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

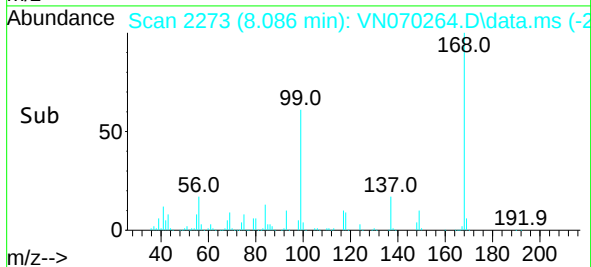
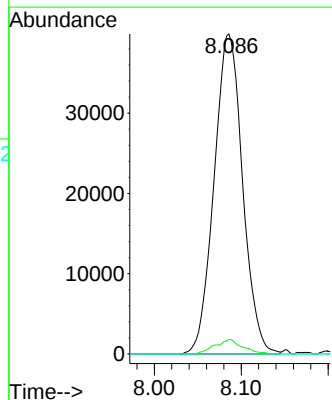
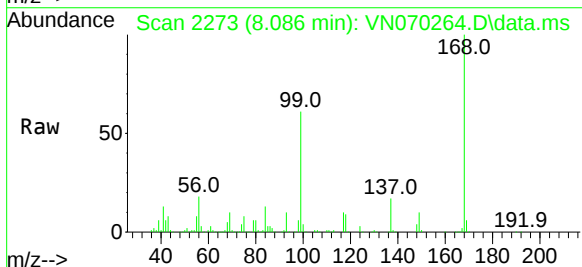
Tgt Ion: 117 Resp: 90878

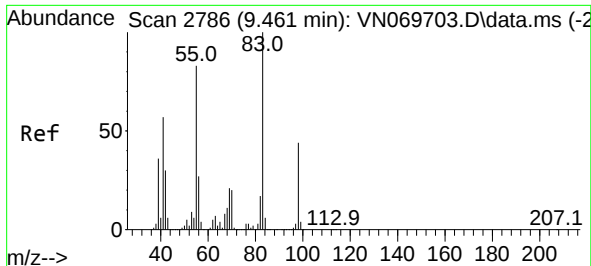
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 24.771 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

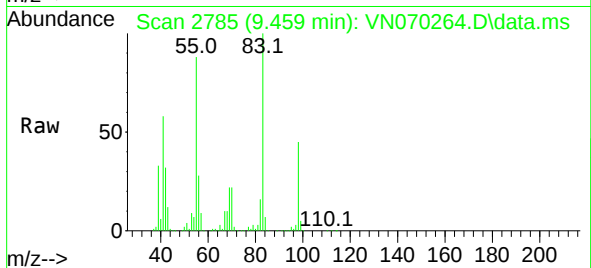
Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :



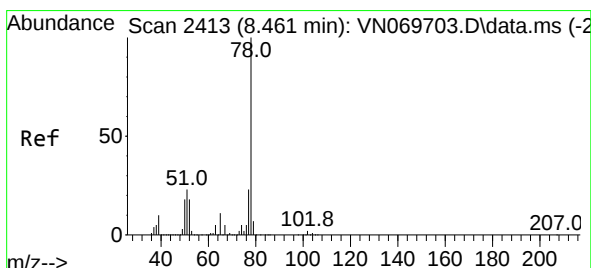
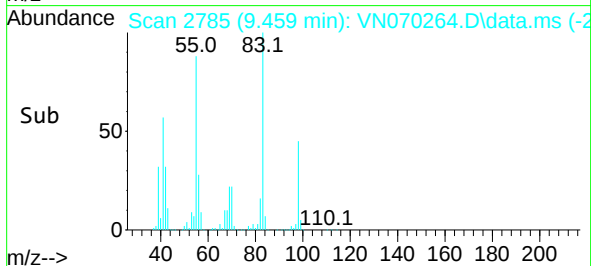
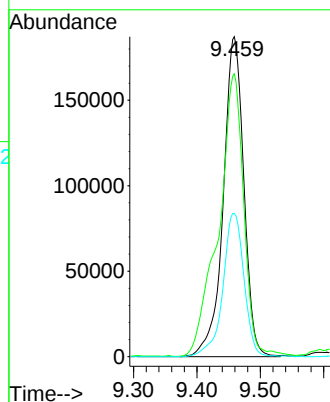
Tgt Ion: 83 Resp: 422572

Ion Ratio Lower Upper

83 100

55 88.2 58.1 87.1#

98 44.8 38.4 57.6



#40

Benzene

Concen: 0.816 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN070264.D

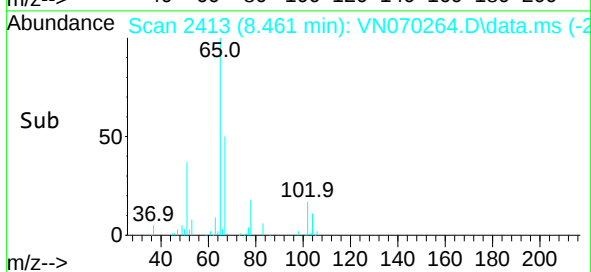
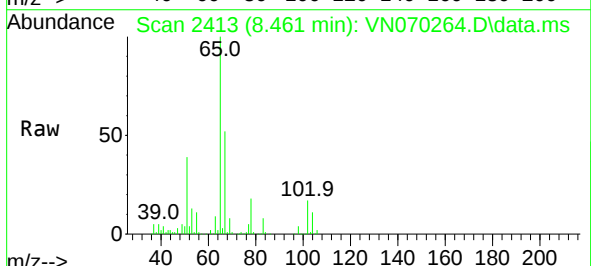
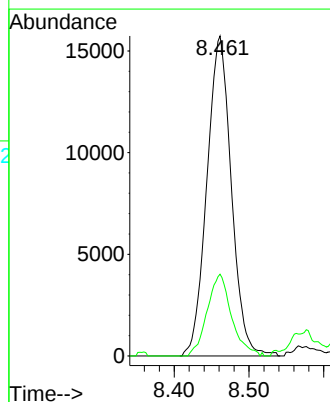
Acq: 21 Dec 2021 13:46

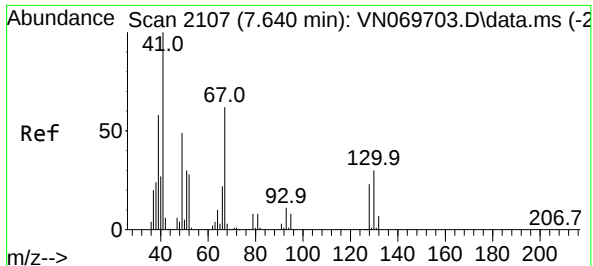
Tgt Ion: 78 Resp: 35755

Ion Ratio Lower Upper

78 100

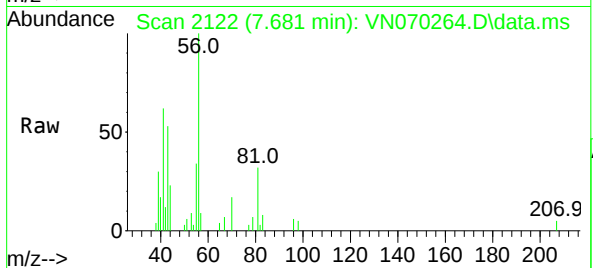
77 25.5 18.6 27.8



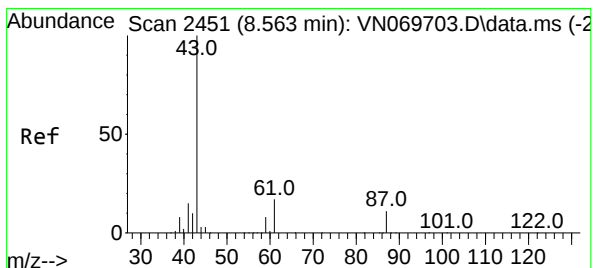
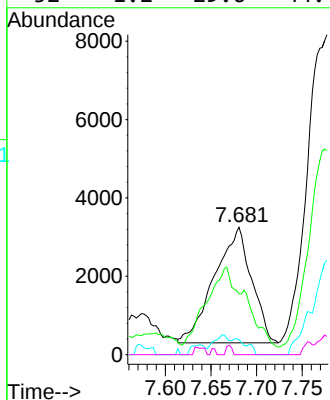
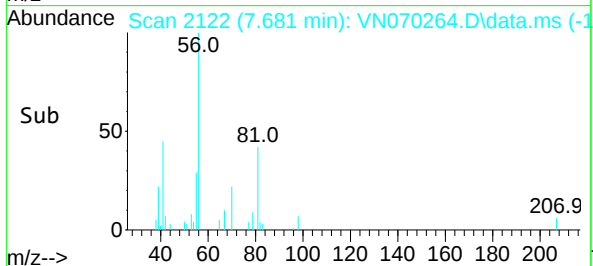


#41
Methacrylonitrile
Concen: 0.834 ug/l
RT: 7.681 min Scan# 2107
Delta R.T. 0.041 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

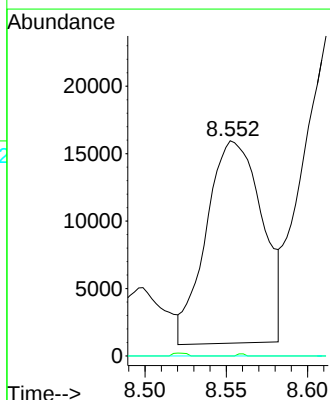
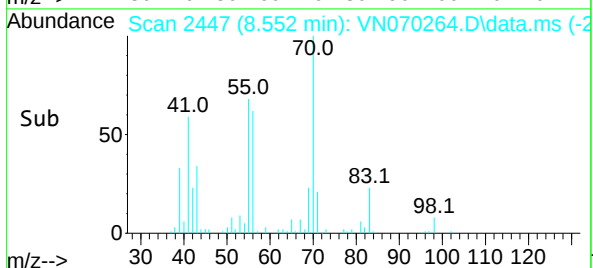
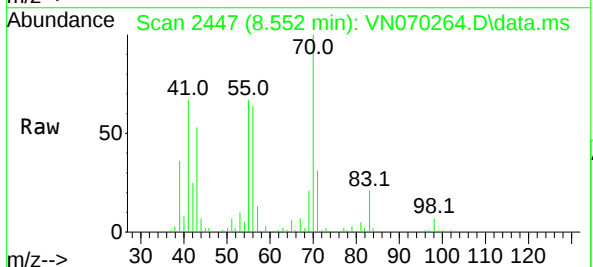


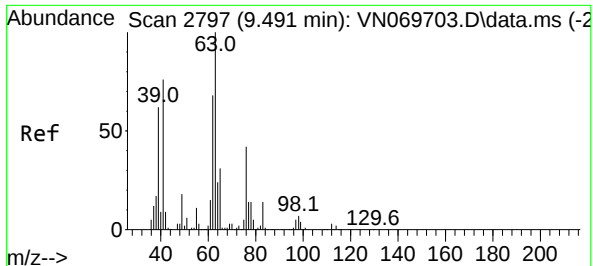
Tgt Ion: 41 Resp: 8362
Ion Ratio Lower Upper
41 100
39 72.4 48.1 72.1#
67 4.1 68.3 102.5#
52 1.2 29.6 44.4#



#43
Isopropyl Acetate
Concen: 1.140 ug/l
RT: 8.552 min Scan# 2447
Delta R.T. -0.011 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 43 Resp: 36013
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.618 ug/l

RT: 9.454 min Scan# 21

Delta R.T. -0.037 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

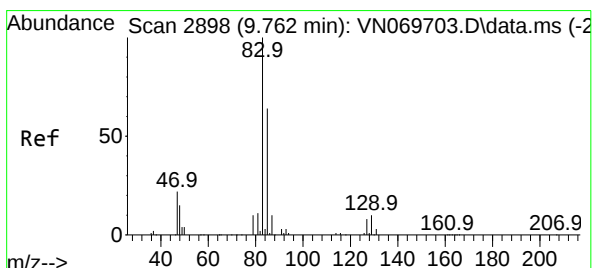
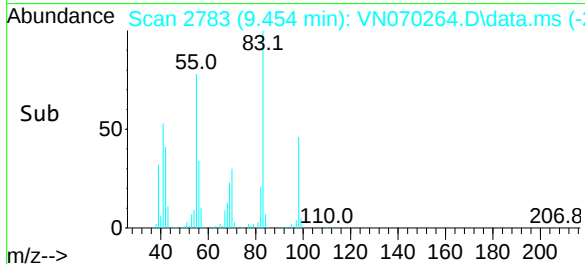
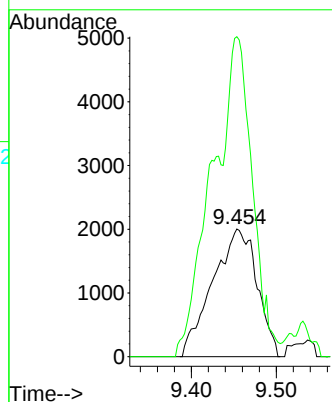
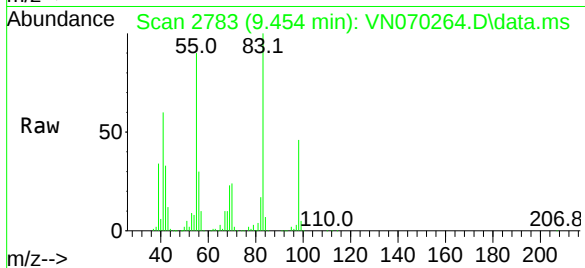
ClientSampleId :

Tgt Ion: 63 Resp: 7280

Ion Ratio Lower Upper

63 100

65 240.5 24.7 37.1#



#47

Bromodichloromethane

Concen: 0.885 ug/l

RT: 9.746 min Scan# 2892

Delta R.T. -0.016 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

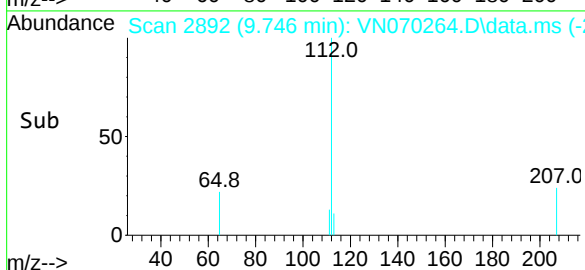
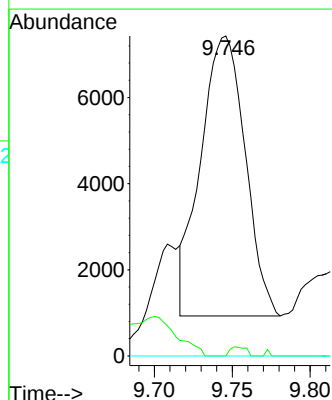
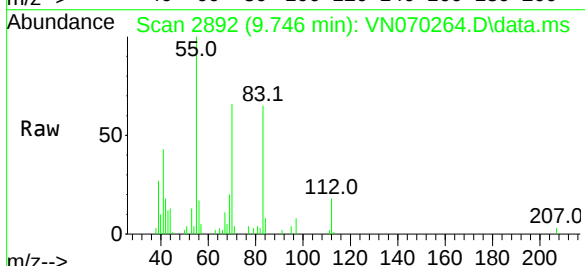
Tgt Ion: 83 Resp: 12930

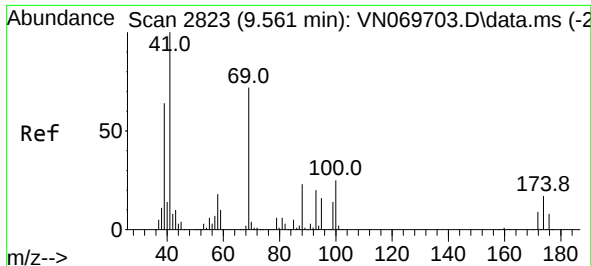
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#

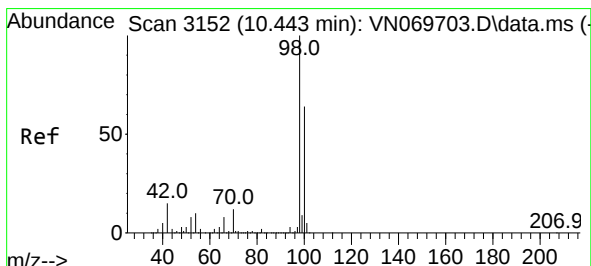
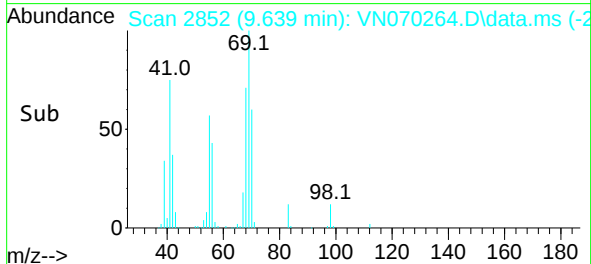
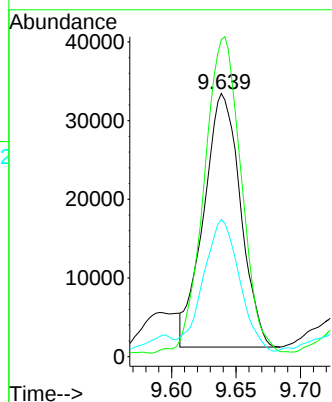
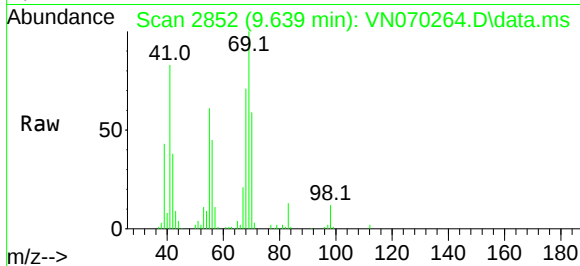




#48
Methyl methacrylate
Concen: 4.337 ug/l
RT: 9.639 min Scan# 21
Delta R.T. 0.078 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

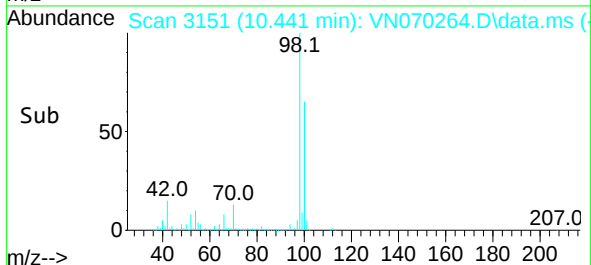
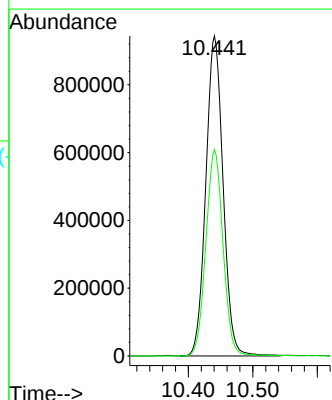
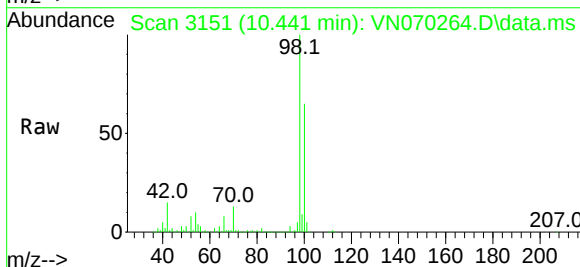
Instrument :
MSVOA_N
ClientSampleId :

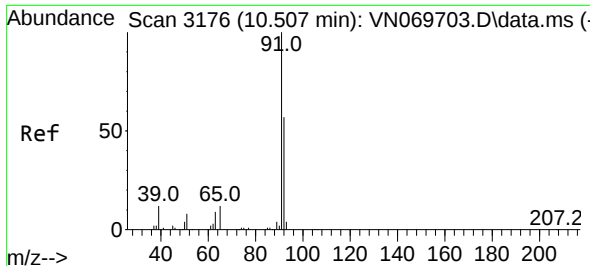
Tgt Ion: 41 Resp: 63941
Ion Ratio Lower Upper
41 100
69 126.2 72.4 108.6#
39 51.1 58.4 87.6#



#50
Toluene-d8
Concen: 46.284 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 98 Resp: 1753737
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

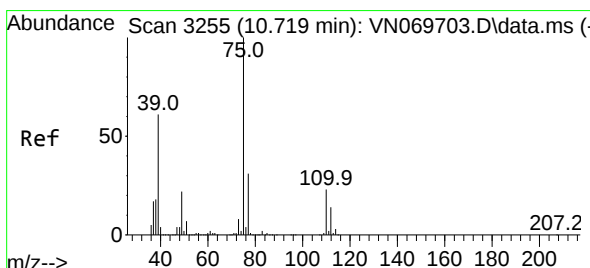
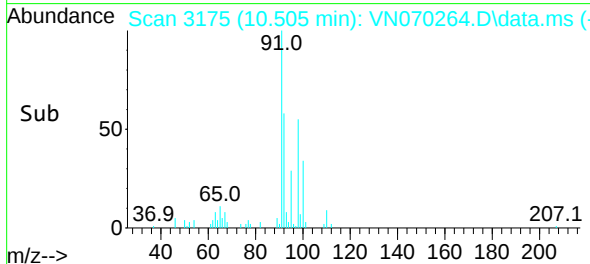
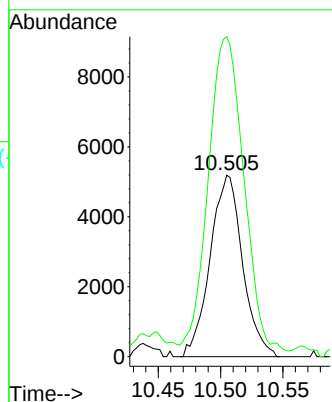
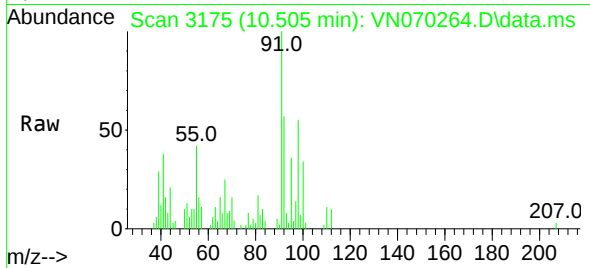




#52
Toluene
Concen: 0.351 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

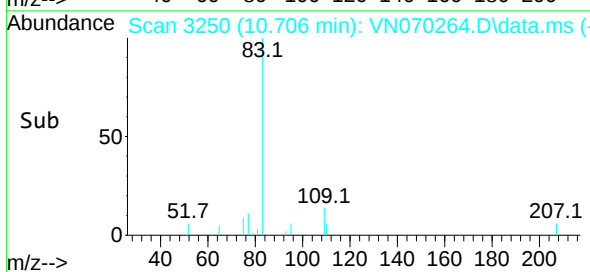
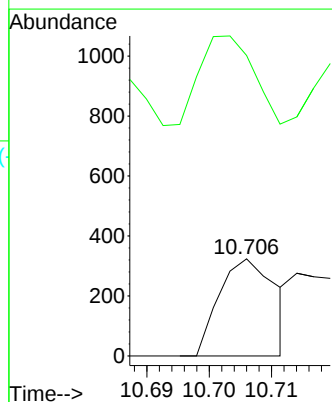
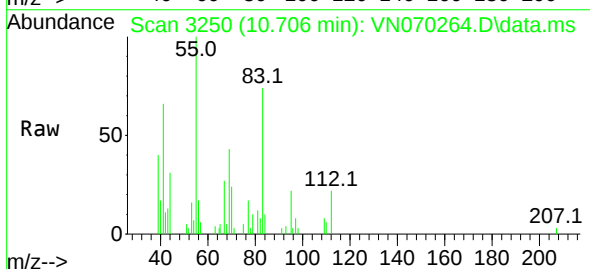
Instrument :
MSVOA_N
ClientSampleId :

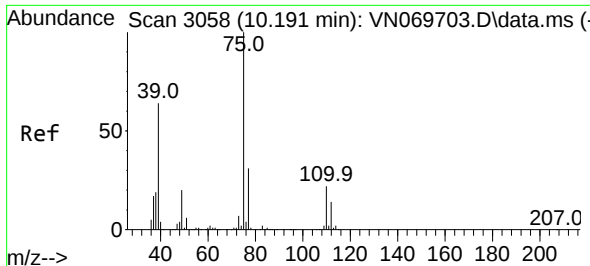
Tgt Ion: 92 Resp: 9395
Ion Ratio Lower Upper
92 100
91 187.9 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.805 ug/l
RT: 10.706 min Scan# 3250
Delta R.T. -0.013 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
77 71.0 25.6 38.4#

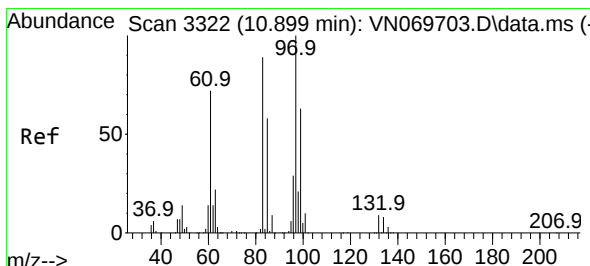
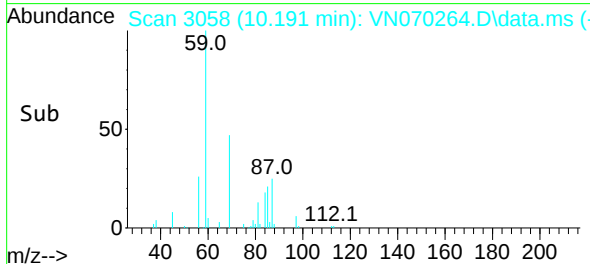
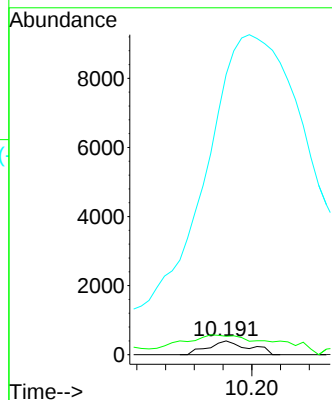
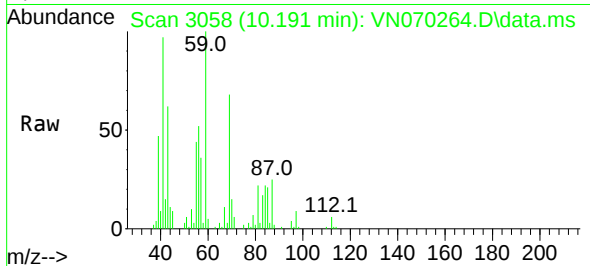




#54
 cis-1,3-Dichloropropene
 Concen: 2.019 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

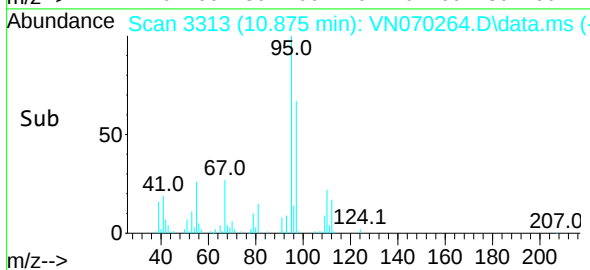
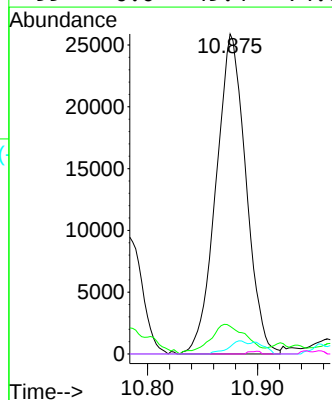
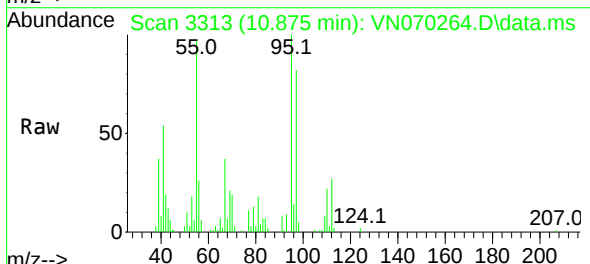
Instrument :
 MSVOA_N
 ClientSampleId :

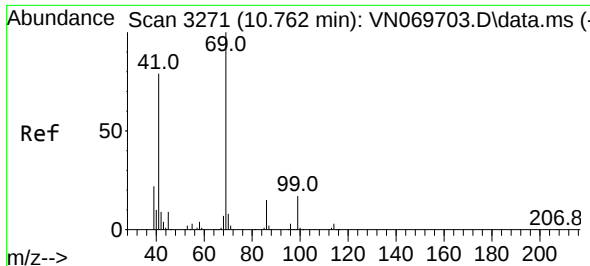
Tgt Ion: 75 Resp: 390
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.4 39.6
 39 1350.5 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 4.518 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. -0.024 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

Tgt Ion: 97 Resp: 48785
 Ion Ratio Lower Upper
 97 100
 83 8.7 67.8 101.6#
 85 2.2 45.4 68.2#
 99 0.0 49.4 74.0#

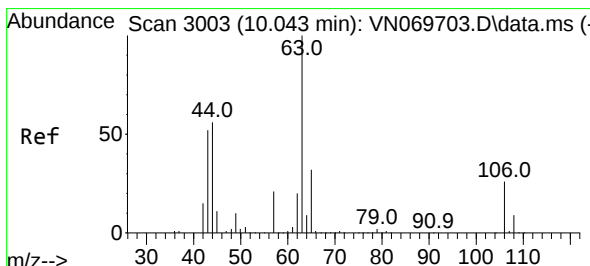
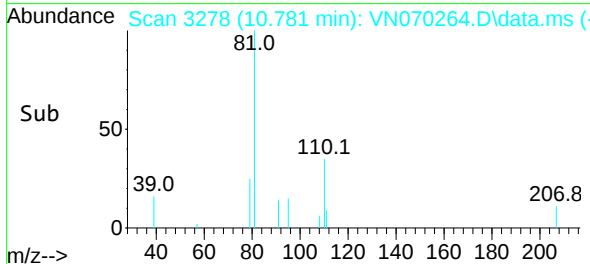
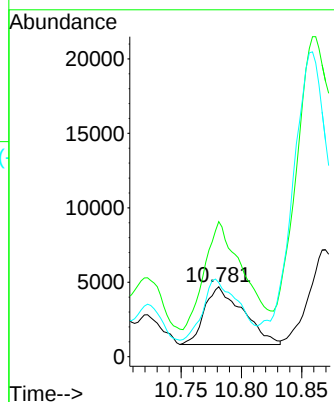
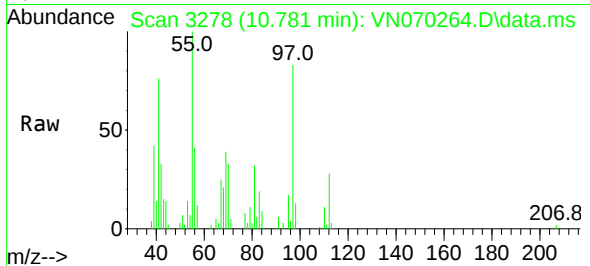




#56
Ethyl methacrylate
Concen: 2.686 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.019 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

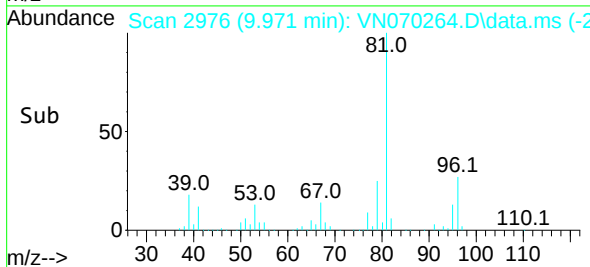
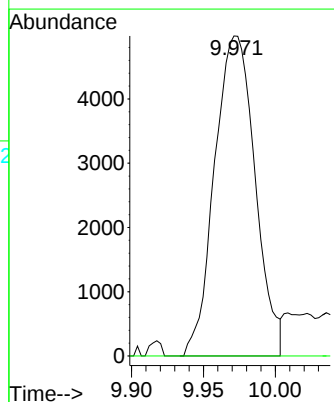
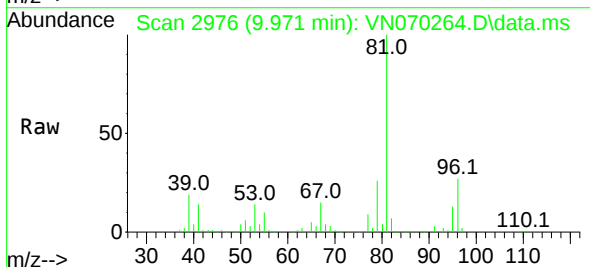
Instrument :
MSVOA_N
ClientSampleId :

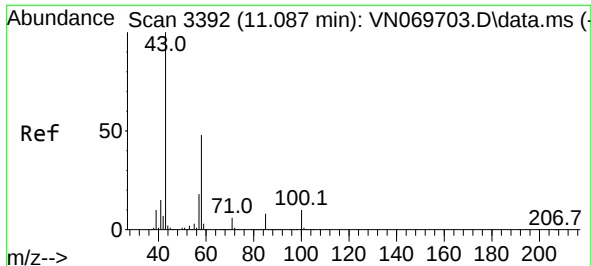
Tgt Ion: 69 Resp: 8684
Ion Ratio Lower Upper
69 100
41 186.8 51.4 77.0#
39 95.2 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 20.040 ug/l
RT: 9.971 min Scan# 2976
Delta R.T. -0.072 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 63 Resp: 9805
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

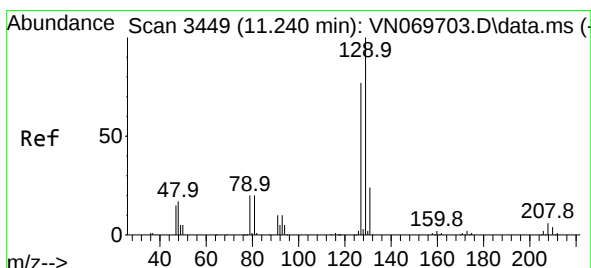
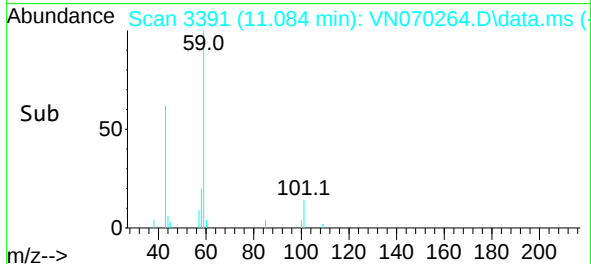
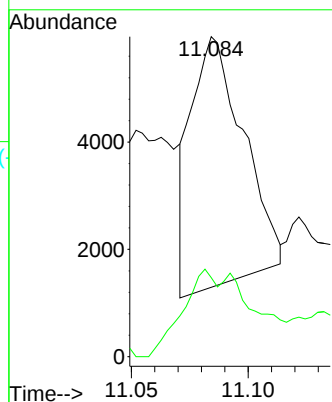
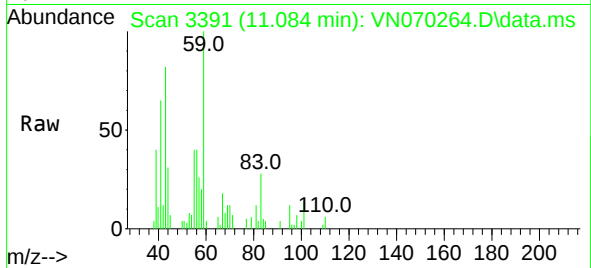




#59
2-Hexanone
Concen: 0.468 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

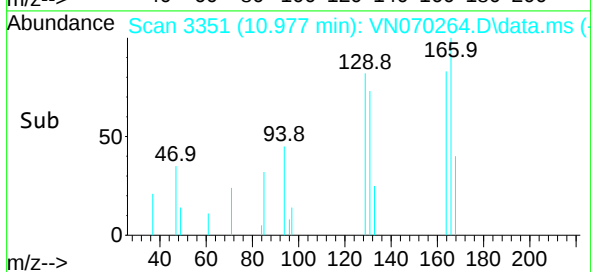
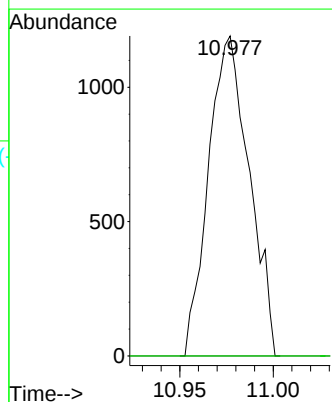
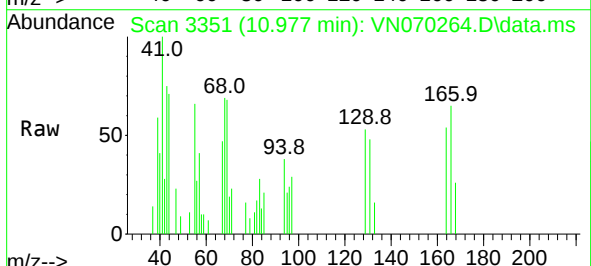
Instrument :
MSVOA_N
ClientSampleId :

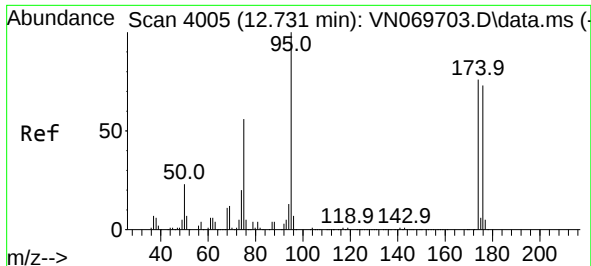
Tgt Ion: 43 Resp: 7252
Ion Ratio Lower Upper
43 100
58 23.0 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.525 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.263 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 129 Resp: 1808
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

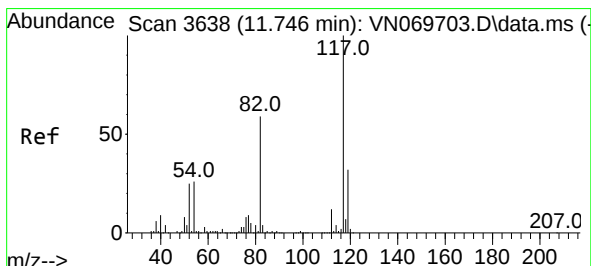
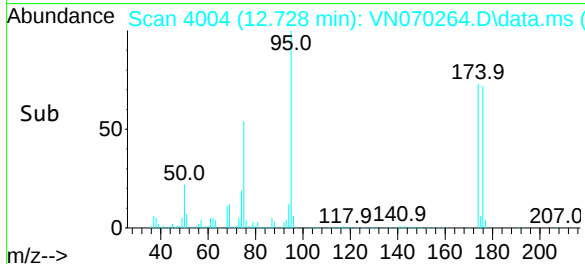
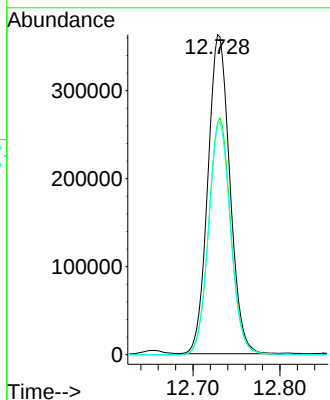
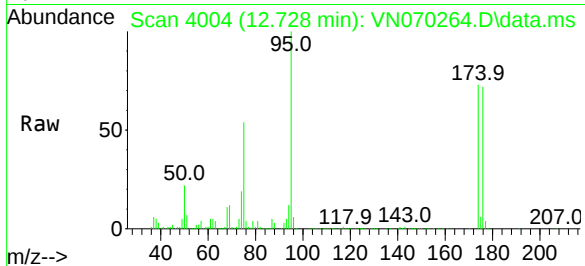




#62
4-Bromofluorobenzene
Concen: 46.385 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

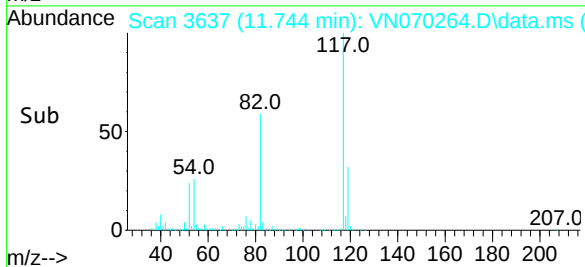
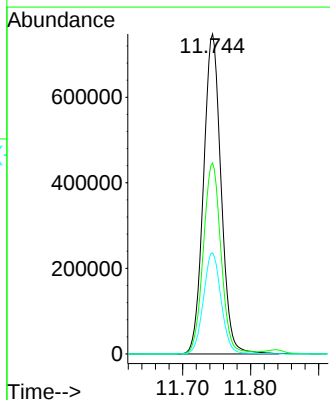
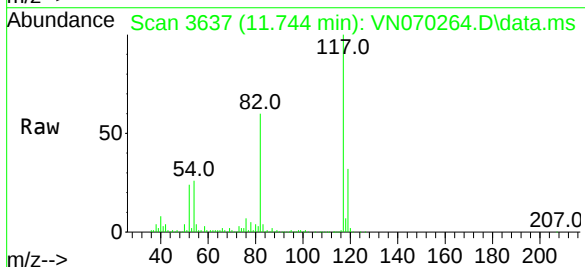
Instrument :
MSVOA_N
ClientSampleId :

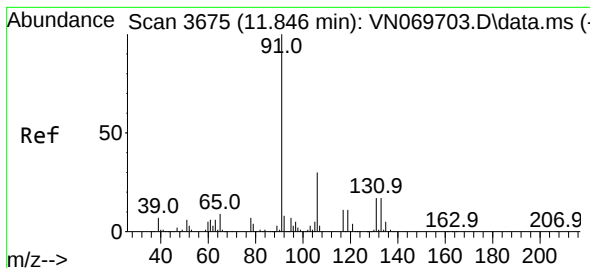
Tgt Ion: 95 Resp: 636740
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 117 Resp: 1343026
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.6 25.4 38.2





#67

Ethyl Benzene

Concen: 9.086 ug/l

RT: 11.843 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

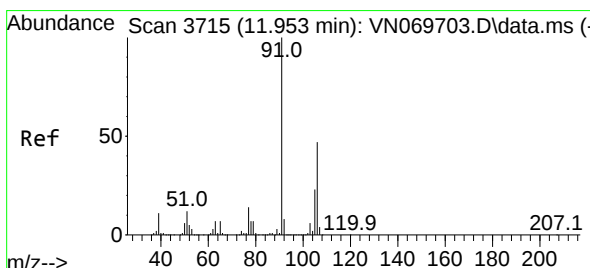
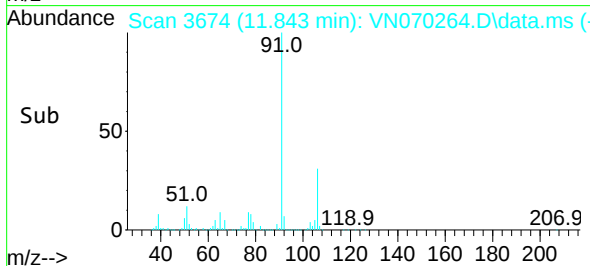
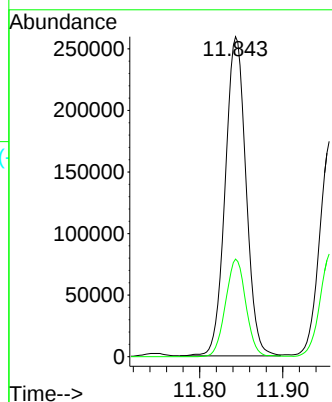
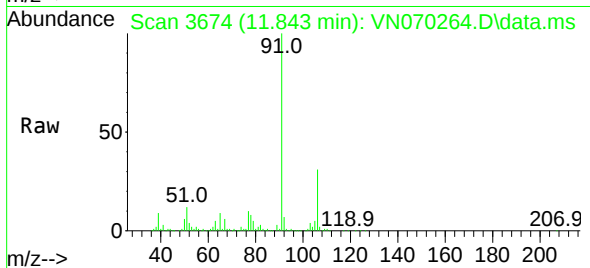
ClientSampleId :

Tgt Ion: 91 Resp: 449667

Ion Ratio Lower Upper

91 100

106 30.6 25.7 38.5



#68

m/p-Xylenes

Concen: 8.147 ug/l

RT: 11.958 min Scan# 3717

Delta R.T. 0.006 min

Lab File: VN070264.D

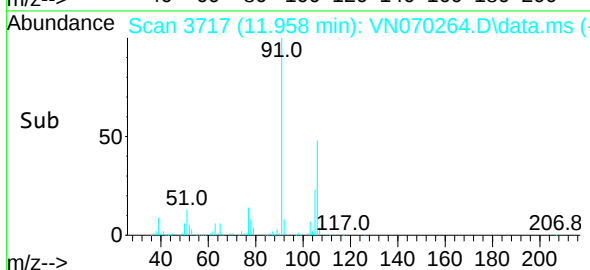
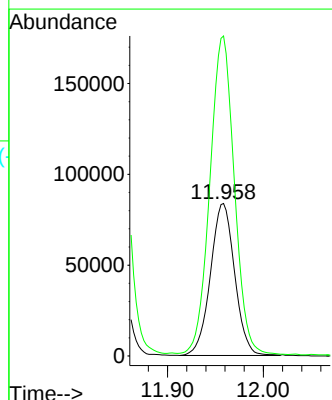
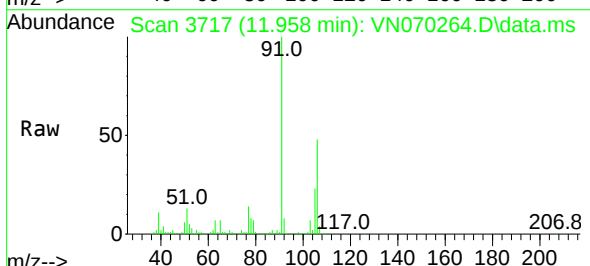
Acq: 21 Dec 2021 13:46

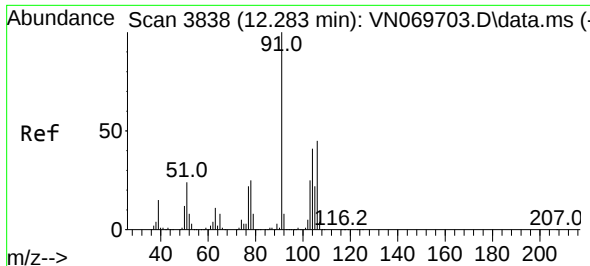
Tgt Ion:106 Resp: 146813

Ion Ratio Lower Upper

106 100

91 211.5 160.6 240.8

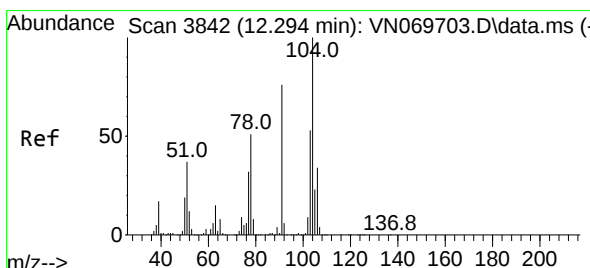
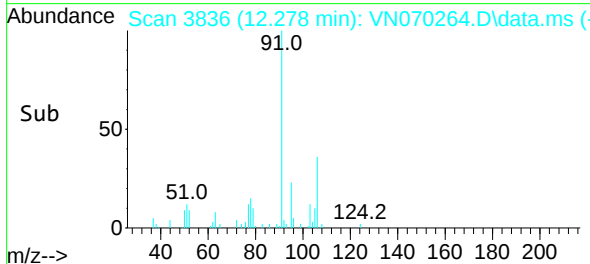
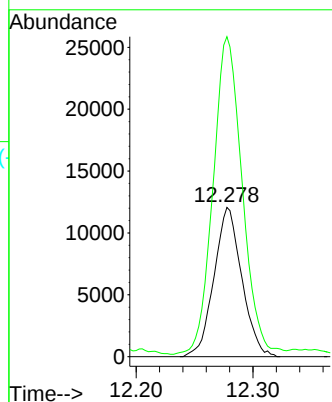
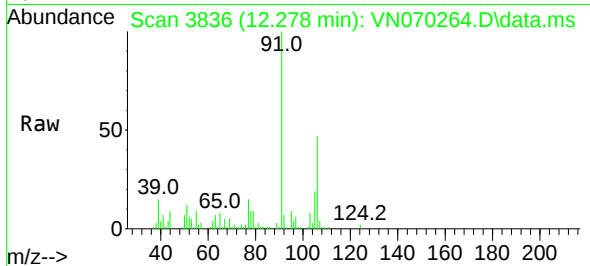




#69
o-Xylene
Concen: 1.097 ug/l
RT: 12.278 min Scan# 3915
Delta R.T. -0.005 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

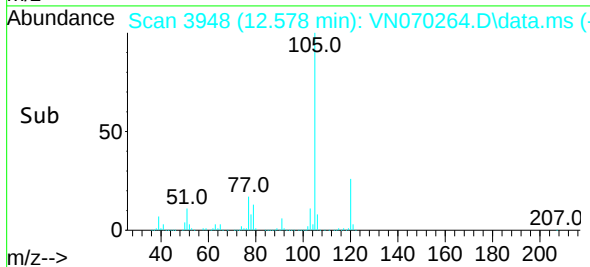
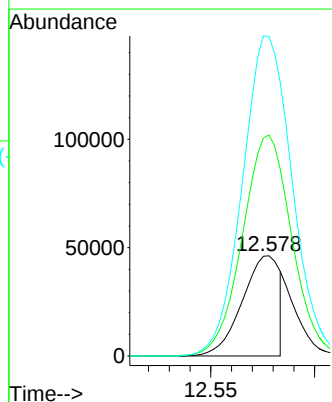
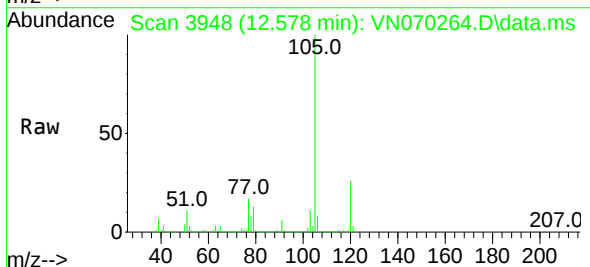
Instrument :
MSVOA_N
ClientSampleId :

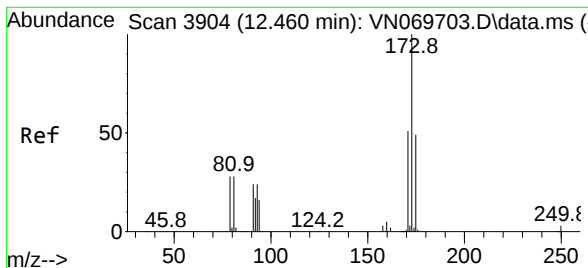
Tgt Ion:106 Resp: 19915
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3



#70
Styrene
Concen: 2.004 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.284 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion:104 Resp: 57667
Ion Ratio Lower Upper
104 100
78 220.6 38.7 58.1#
103 319.0 45.0 67.6#





#71

Bromoform

Concen: 2.782 ug/l

RT: 12.723 min Scan# 4002

Delta R.T. 0.263 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

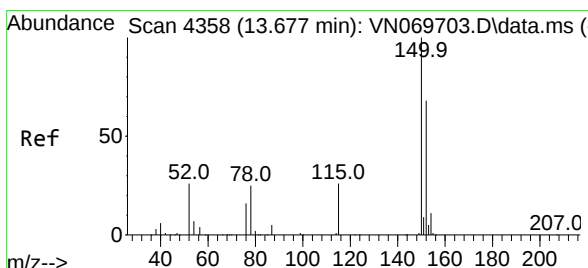
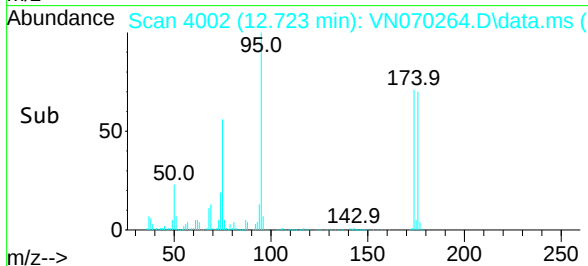
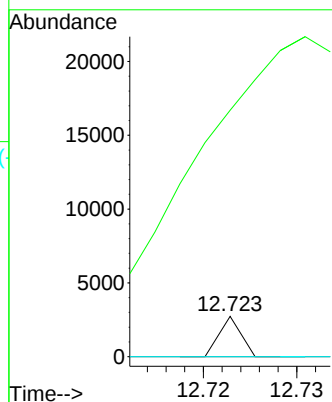
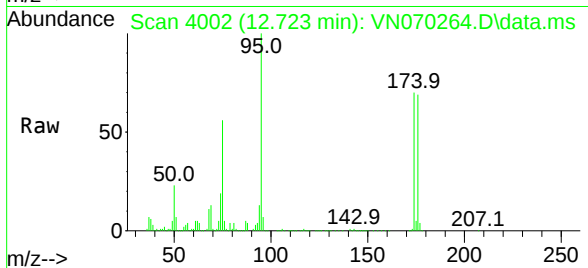
Tgt Ion:173 Resp: 440

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: 13.672 min Scan# 4356

Delta R.T. -0.005 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

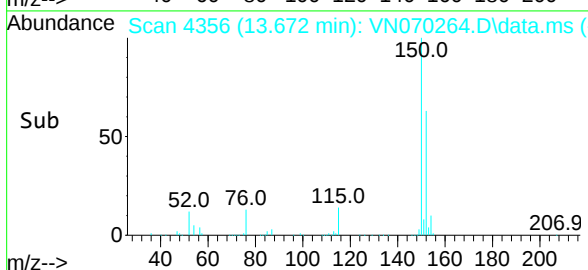
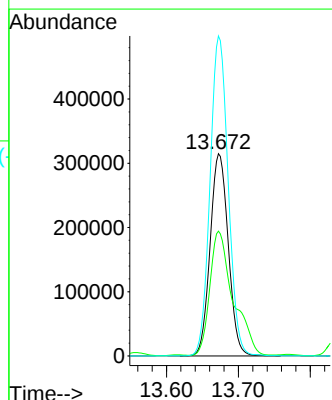
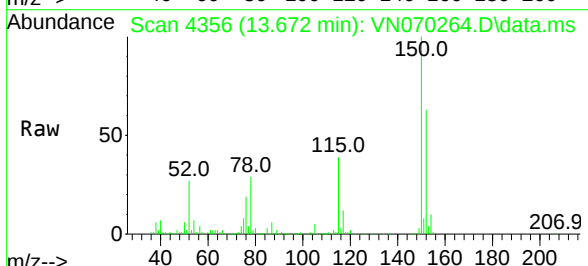
Tgt Ion:152 Resp: 553237

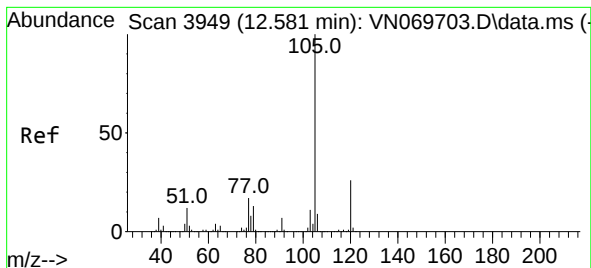
Ion Ratio Lower Upper

152 100

115 78.5 27.5 82.5

150 157.6 0.0 344.4





#73

Isopropylbenzene

Concen: 45.243 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.002 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

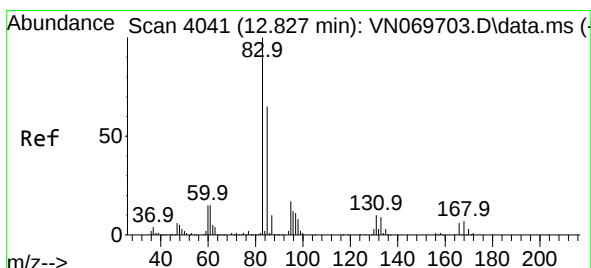
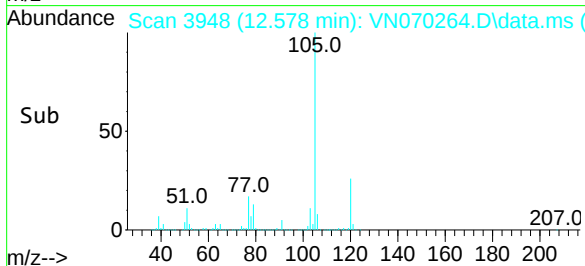
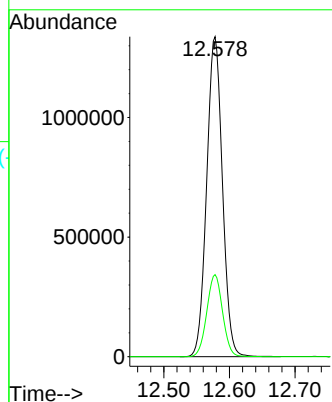
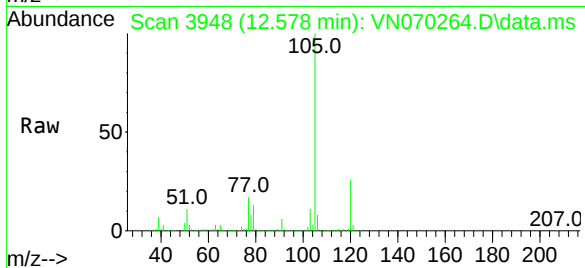
ClientSampleId :

Tgt Ion:105 Resp: 2226954

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#75

1,1,2,2-Tetrachloroethane

Concen: 0.218 ug/l

RT: 12.846 min Scan# 4048

Delta R.T. 0.019 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

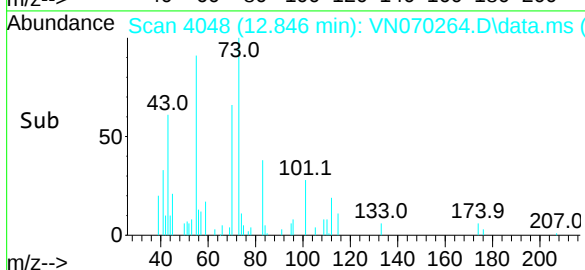
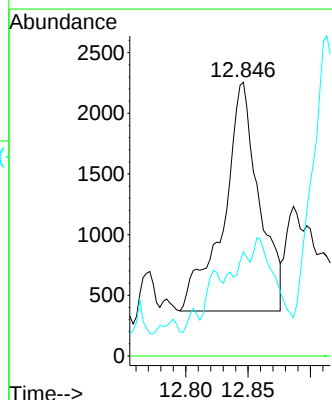
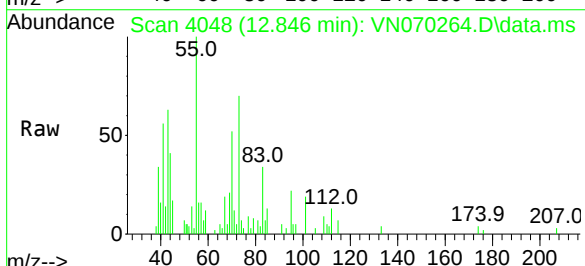
Tgt Ion: 83 Resp: 3719

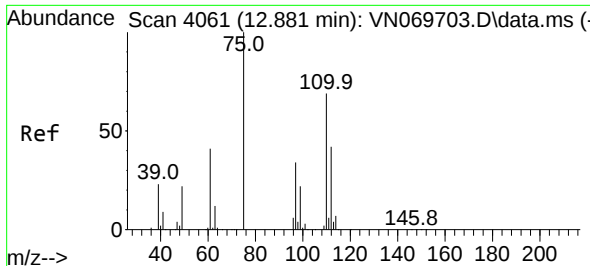
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 0.0 32.4 97.2#

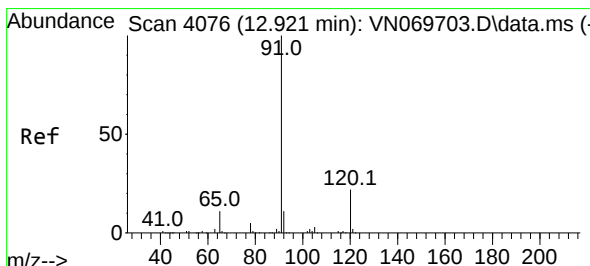
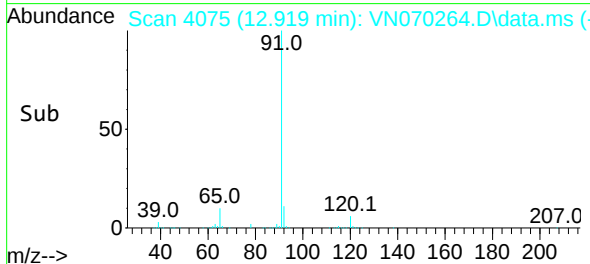
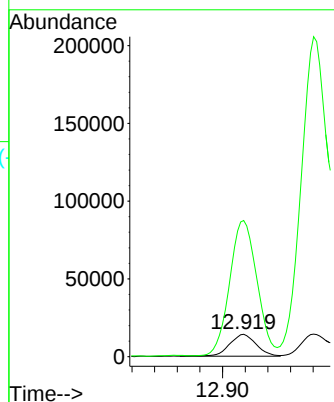
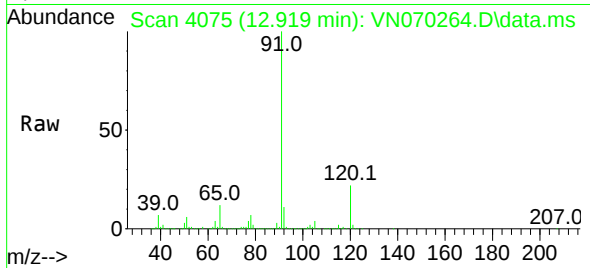




#76
1,2,3-Trichloropropane
Concen: 1.431 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

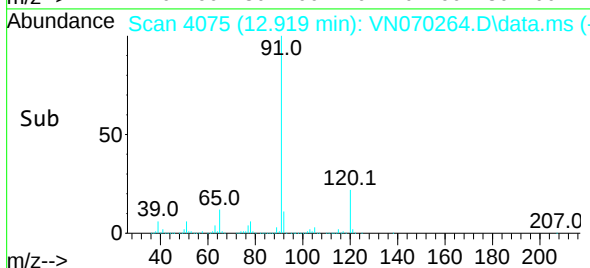
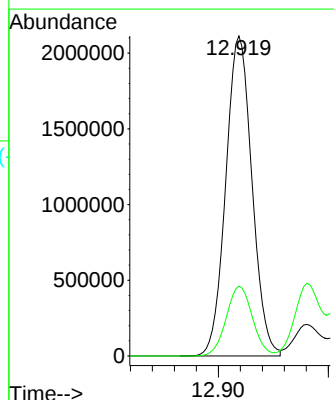
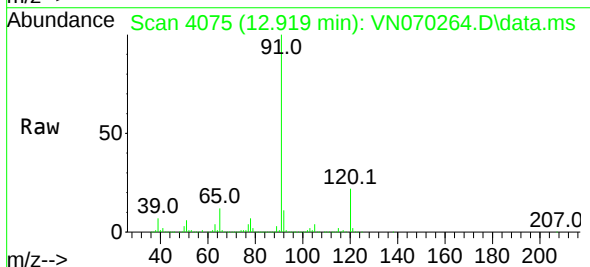
Instrument :
MSVOA_N
ClientSampleId :

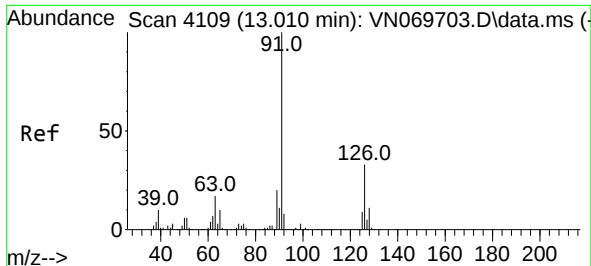
Tgt Ion: 75 Resp: 22708
Ion Ratio Lower Upper
75 100
77 641.2 82.6 247.8#



#78
n-propylbenzene
Concen: 63.857 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 91 Resp: 3497687
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 6.796 ug/l

RT: 13.015 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN070264.D

Acq: 21 Dec 2021 13:46

Instrument :

MSVOA_N

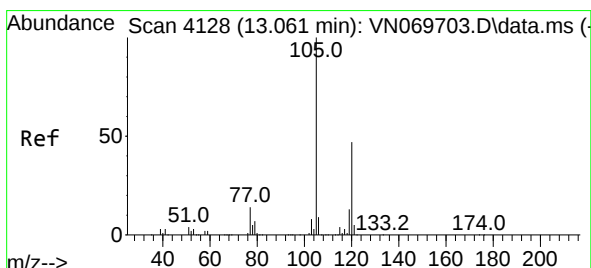
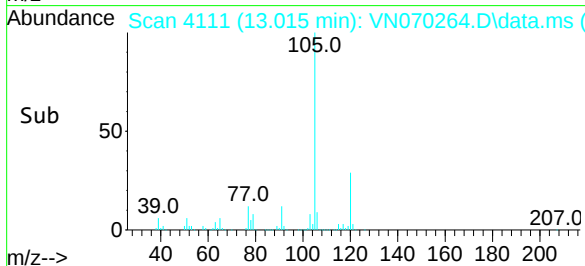
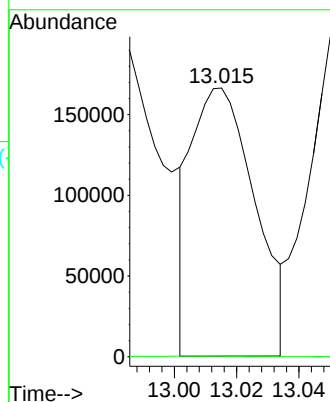
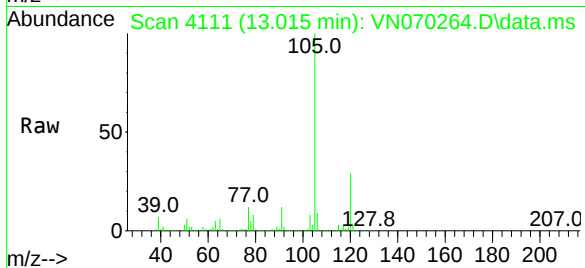
ClientSampleId :

Tgt Ion: 91 Resp: 235211

Ion Ratio Lower Upper

91 100

126 0.2 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 92.736 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.002 min

Lab File: VN070264.D

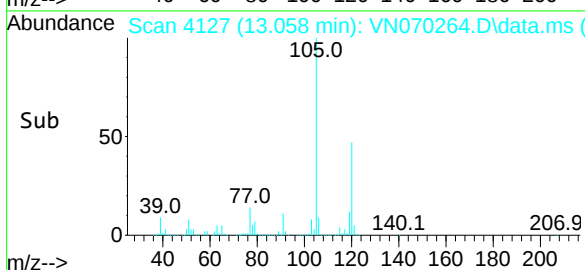
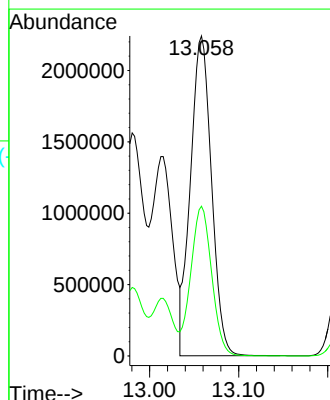
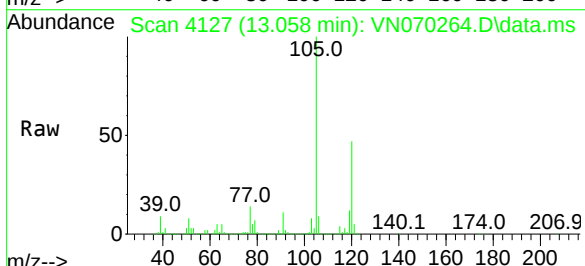
Acq: 21 Dec 2021 13:46

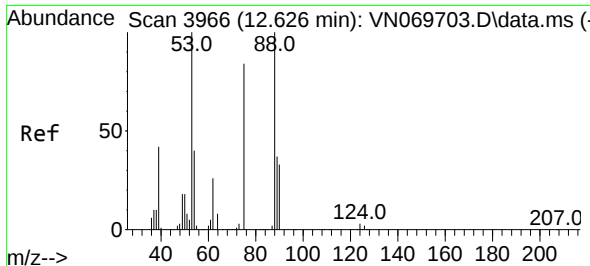
Tgt Ion: 105 Resp: 3674058

Ion Ratio Lower Upper

105 100

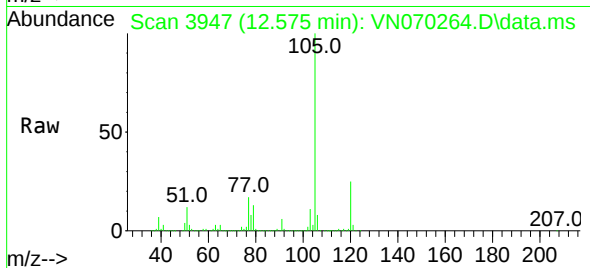
120 46.5 24.6 73.6



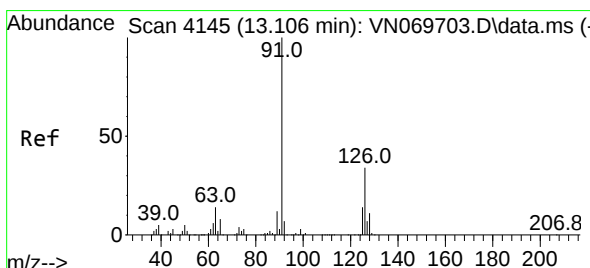
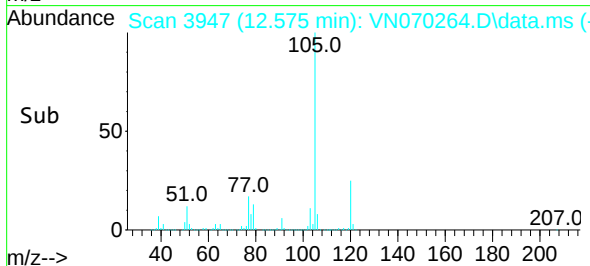
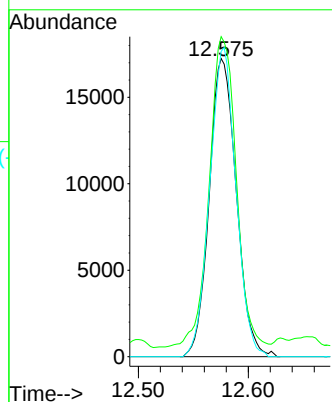


#81
trans-1,4-Dichloro-2-butene
Concen: 9.648 ug/l
RT: 12.575 min Scan# 3966
Delta R.T. -0.051 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :

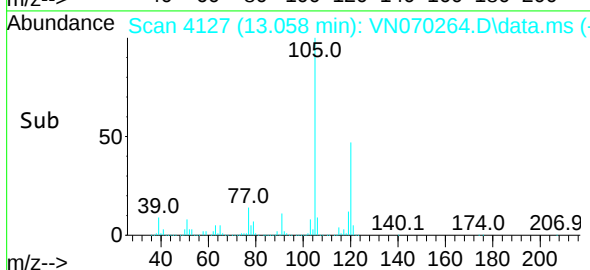
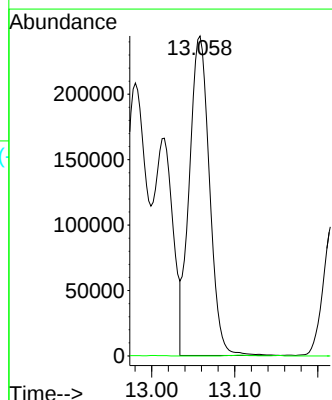
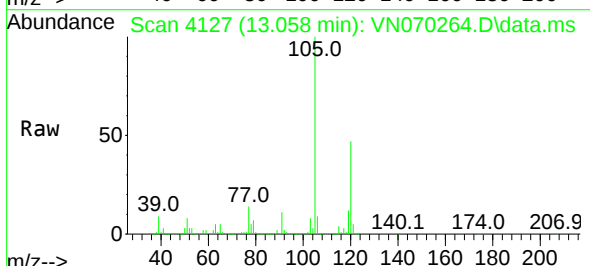


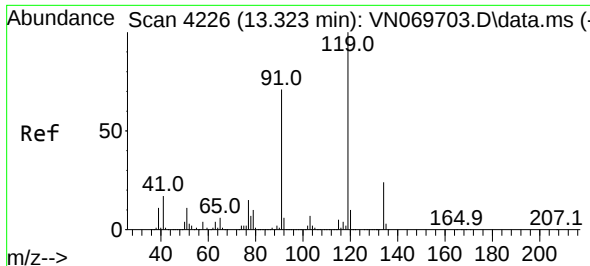
Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.5	90.5	135.7
89	100.5	38.2	57.4



#82
4-Chlorotoluene
Concen: 12.595 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.2	54.6

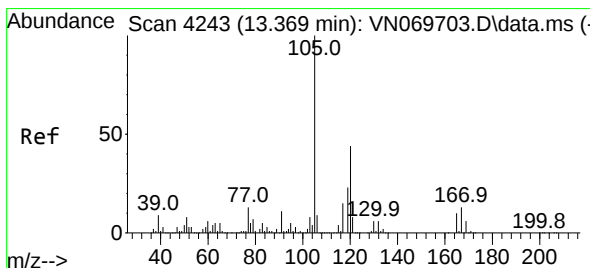
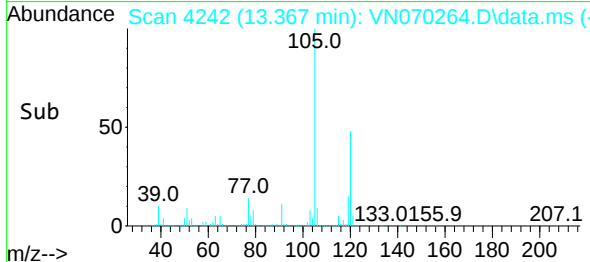
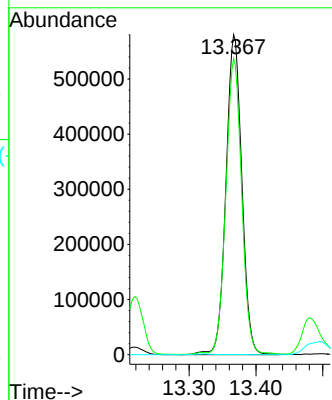
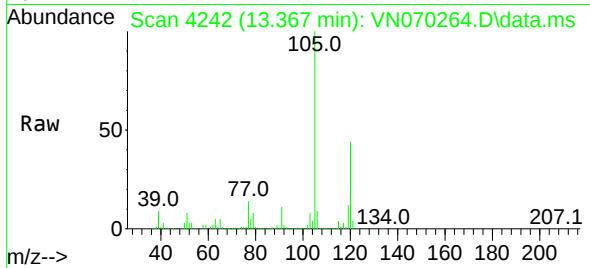




#83
tert-Butylbenzene
Concen: 27.264 ug/l
RT: 13.367 min Scan# 41
Delta R.T. 0.043 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

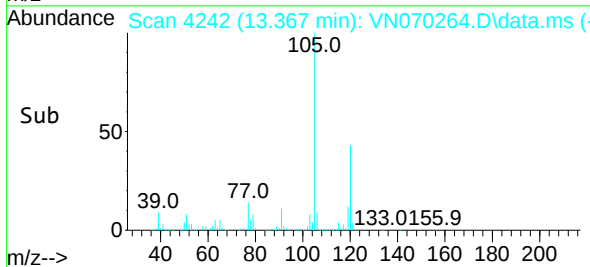
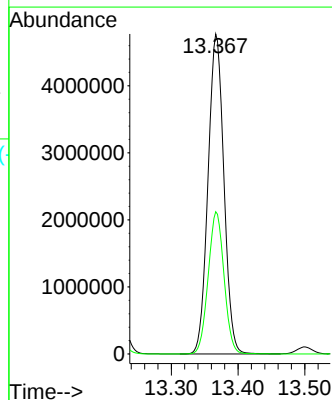
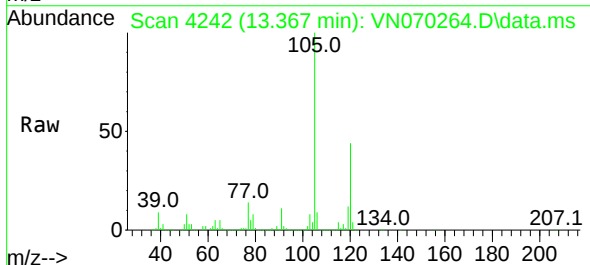
Instrument :
MSVOA_N
ClientSampleId :

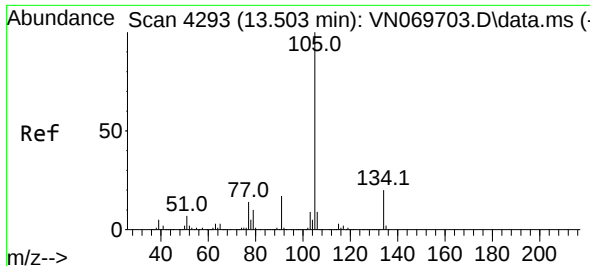
Tgt Ion:119 Resp: 956462
Ion Ratio Lower Upper
119 100
91 91.6 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 208.450 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion:105 Resp: 7865000
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4

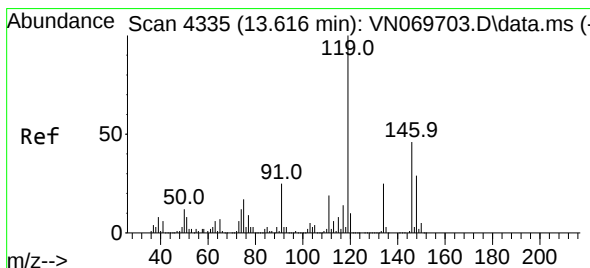
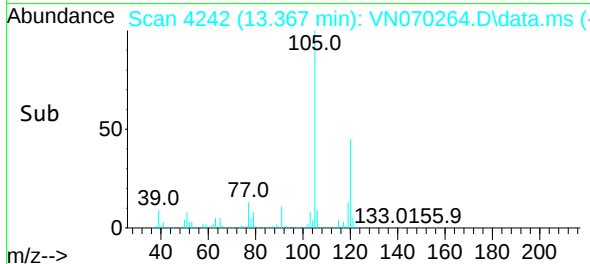
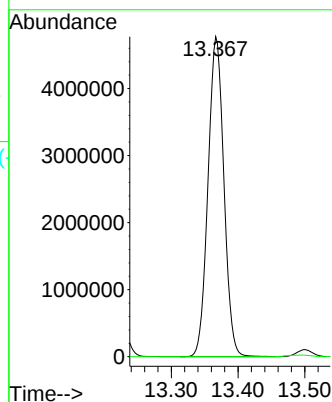
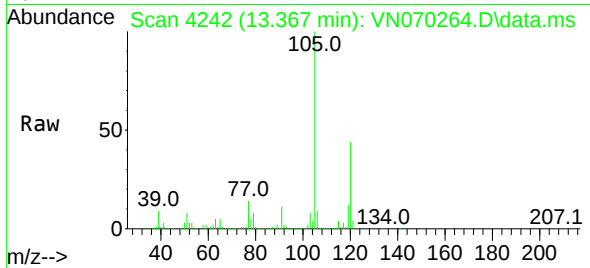




#85
 sec-Butylbenzene
 Concen: 165.286 ug/l
 RT: 13.367 min Scan# 4314
 Delta R.T. -0.137 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

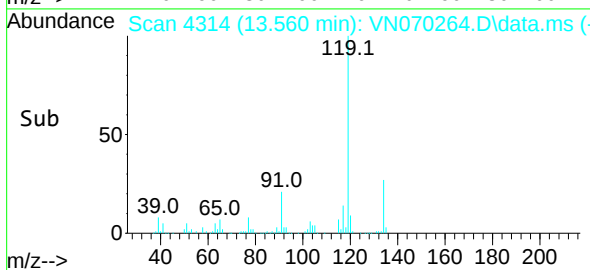
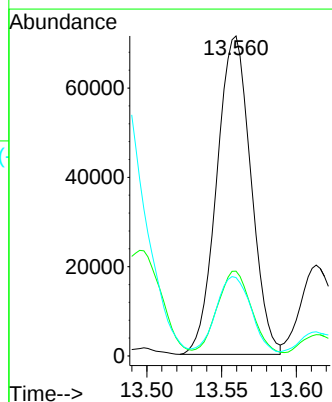
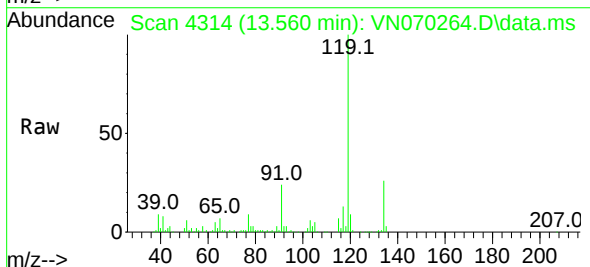
Instrument :
 MSVOA_N
 ClientSampleId :

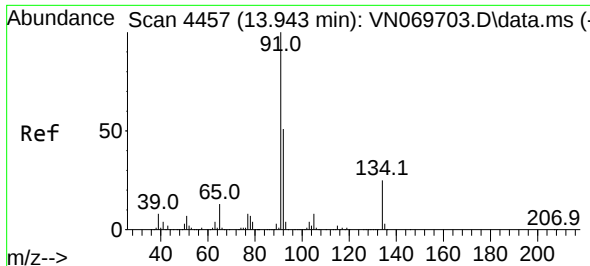
Tgt Ion:105 Resp: 7865000
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 3.047 ug/l
 RT: 13.560 min Scan# 4314
 Delta R.T. -0.056 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

Tgt Ion:119 Resp: 113319
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.7
 91 23.7 11.4 34.1

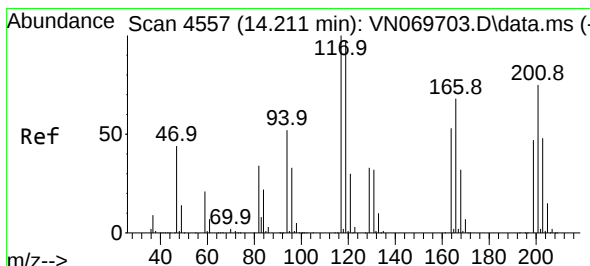
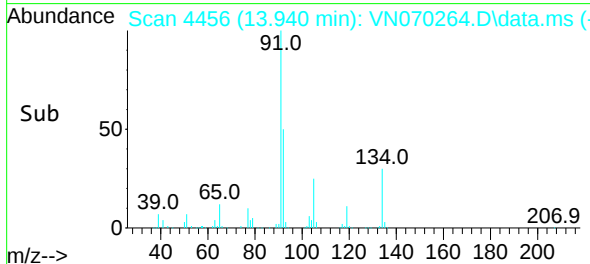
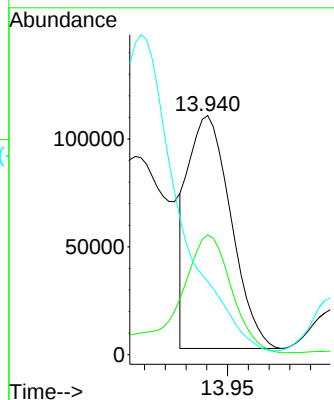
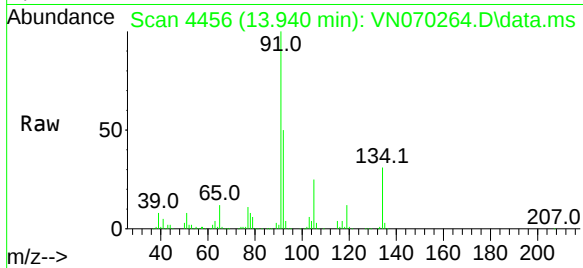




#89
n-Butylbenzene
Concen: 5.105 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

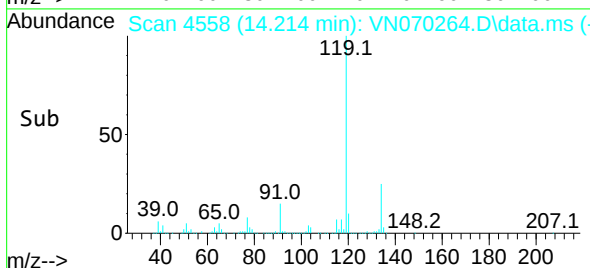
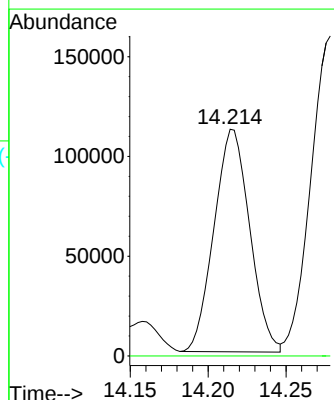
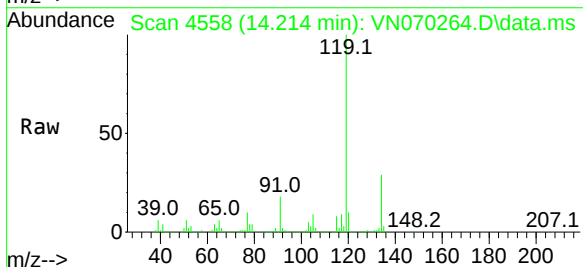
Instrument :
MSVOA_N
ClientSampleId :

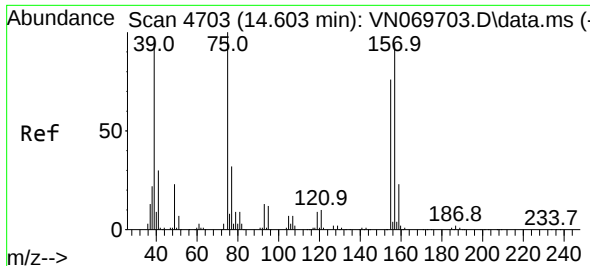
Tgt Ion: 91 Resp: 154036
Ion Ratio Lower Upper
91 100
92 57.6 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 27.253 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

Tgt Ion: 117 Resp: 177970
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#

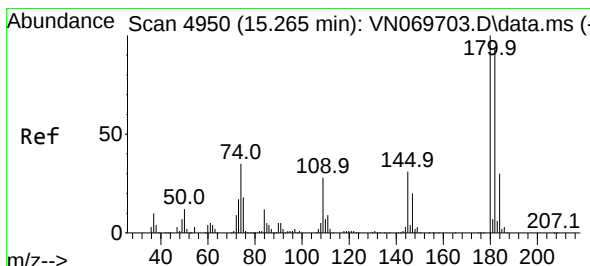
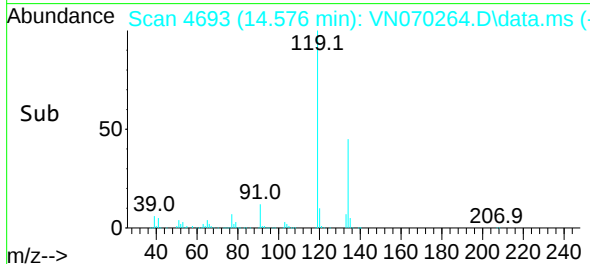
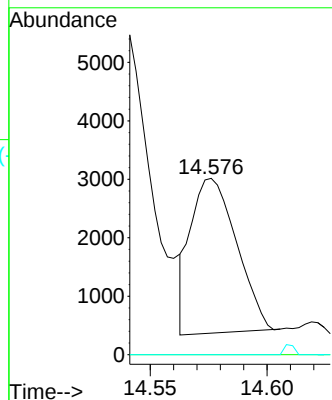
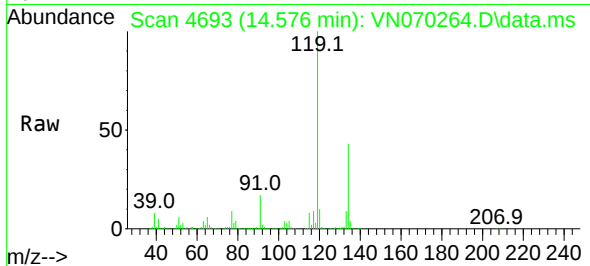




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.172 ug/l
 RT: 14.576 min Scan# 41
 Delta R.T. -0.027 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

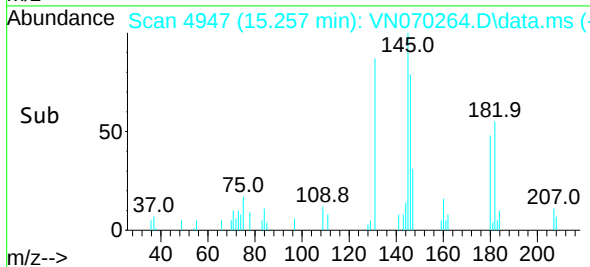
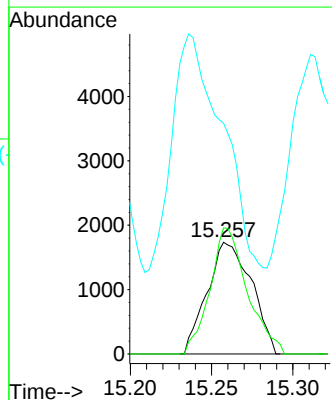
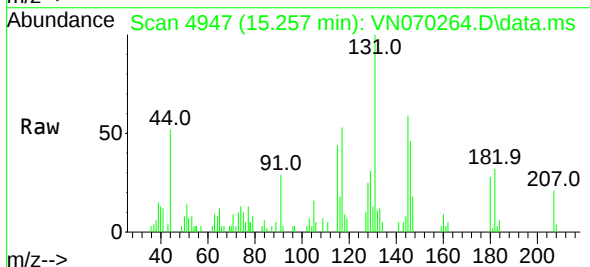
Instrument :
 MSVOA_N
 ClientSampleId :

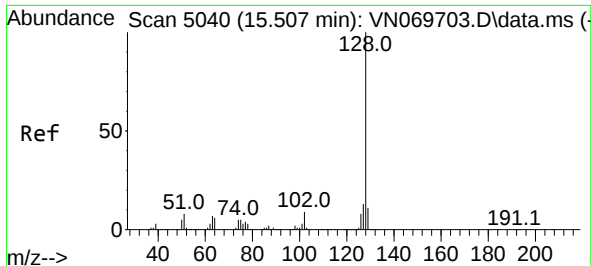
Tgt Ion: 75 Resp: 3604
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.9 140.7#
 157 0.0 60.6 181.7#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.219 ug/l
 RT: 15.257 min Scan# 4947
 Delta R.T. -0.008 min
 Lab File: VN070264.D
 Acq: 21 Dec 2021 13:46

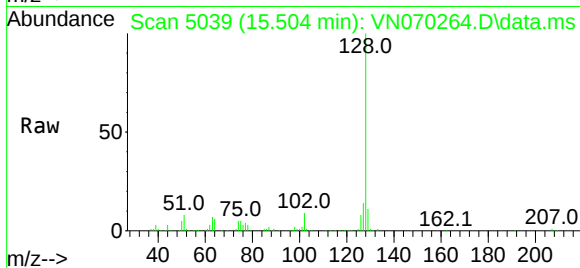
Tgt Ion: 180 Resp: 3284
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 0.0 14.5 43.5#



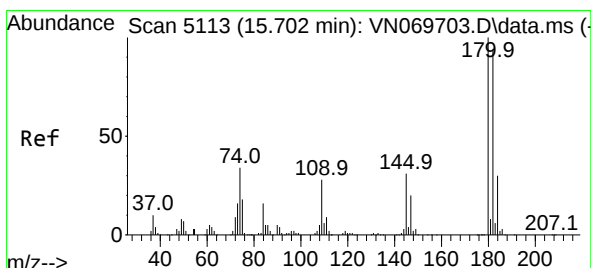
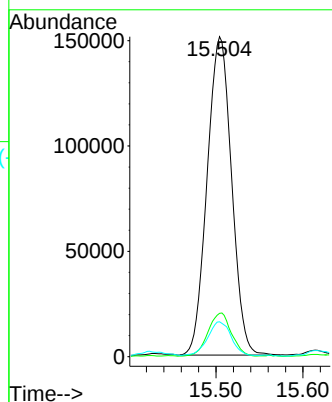
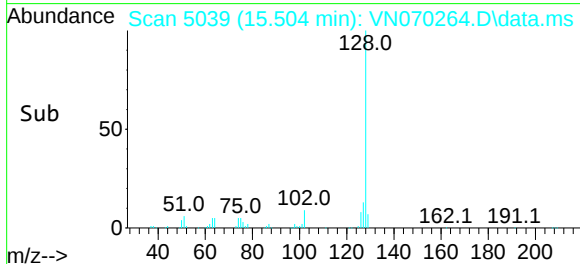


#95
Naphthalene
Concen: 14.032 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46

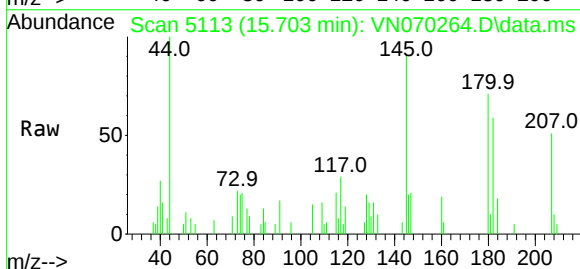
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 295164
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.878 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN070264.D
Acq: 21 Dec 2021 13:46



Tgt Ion:180 Resp: 4113
Ion Ratio Lower Upper
180 100
182 91.6 47.4 142.2
145 0.0 15.0 45.1#

