

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070854.D
 Acq On : 31 Jan 2022 16:08
 Operator : JC/MD
 Sample : N1314-01ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-012722

Quant Time: Jan 31 16:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.078	168	806252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1304252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1157284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	487602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	560783	48.532	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.060%
35) Dibromofluoromethane	8.016	113	370668	45.816	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.640%
50) Toluene-d8	10.438	98	1632431	47.897	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.731	95	564910	46.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.020%

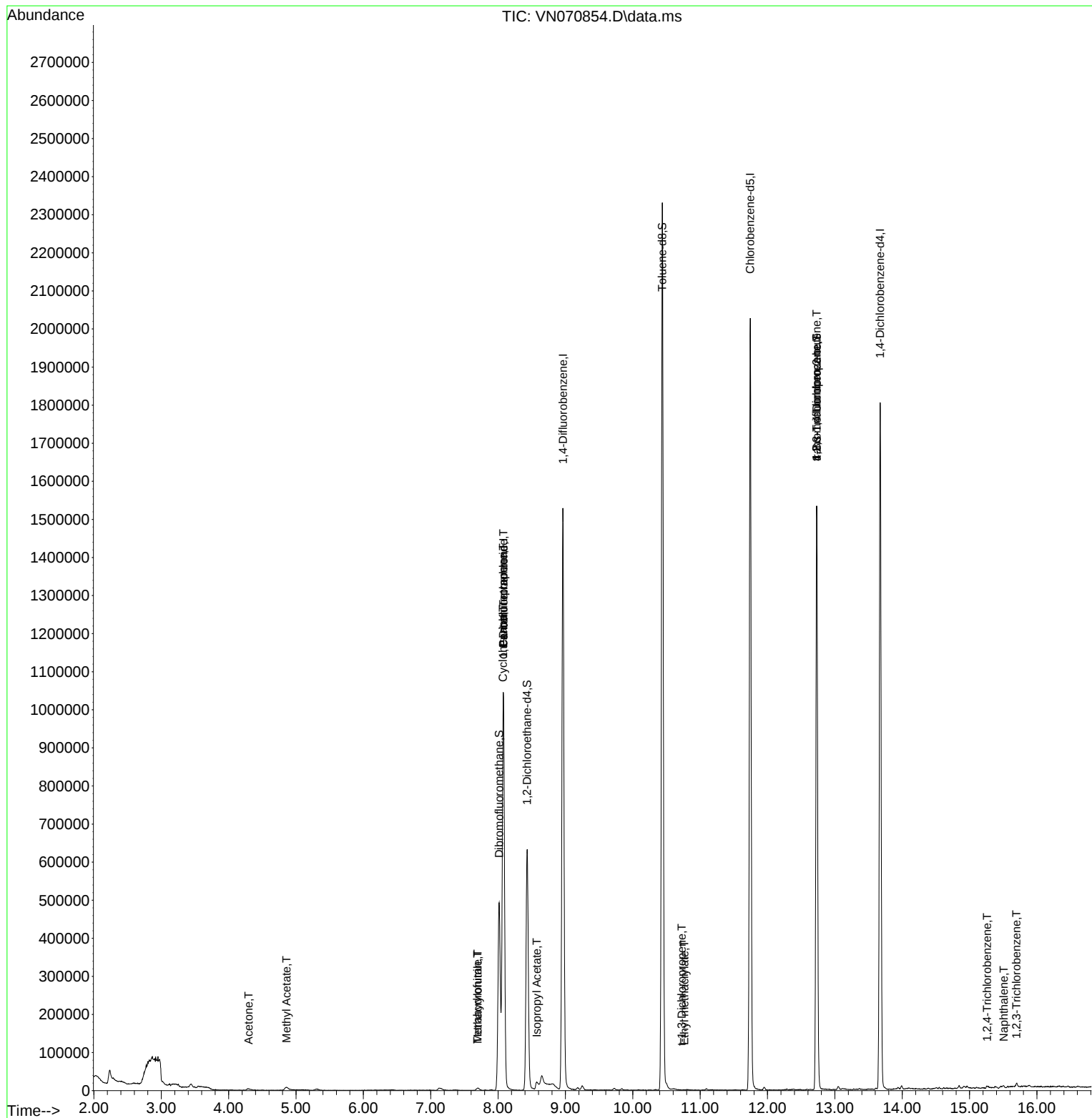
Target Compounds					Qvalue	
16) Acetone	4.296	43	3633	0.453	ug/l #	87
18) Methyl Acetate	4.859	43	9441	0.599	ug/l #	78
29) Tetrahydrofuran	7.694	42	3196	0.517	ug/l #	65
30) Chloroform	7.812	83	824	Below Cal	#	81
31) Cyclohexane	8.072	56	17929	0.881	ug/l #	16
36) 1,1-Dichloropropene	8.075	75	66137	4.856	ug/l #	49
38) Carbon Tetrachloride	8.078	117	81854	6.756	ug/l #	16
41) Methacrylonitrile	7.697	41	2128	0.231	ug/l #	38
43) Isopropyl Acetate	8.576	43	17879	0.647	ug/l #	55
53) t-1,3-Dichloropropene	10.727	75	60	2.407	ug/l #	43
56) Ethyl methacrylate	10.768	69	264	2.315	ug/l #	54
76) 1,2,3-Trichloropropane	12.731	75	300470	23.234	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	300470	69.217	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	837	3.512	ug/l #	31
95) Naphthalene	15.507	128	6662	5.186	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.697	180	1504	3.379	ug/l #	80

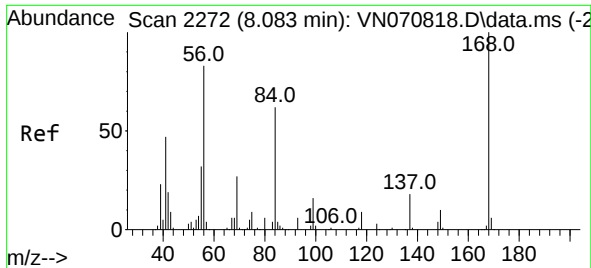
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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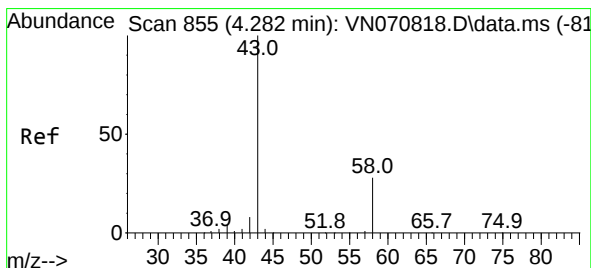
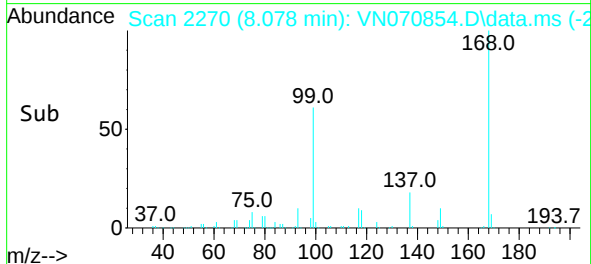
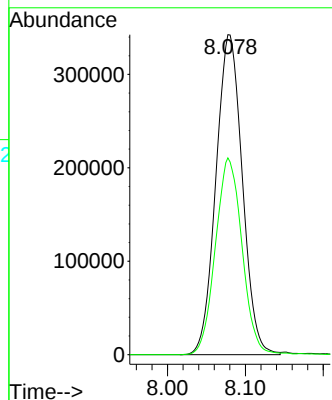
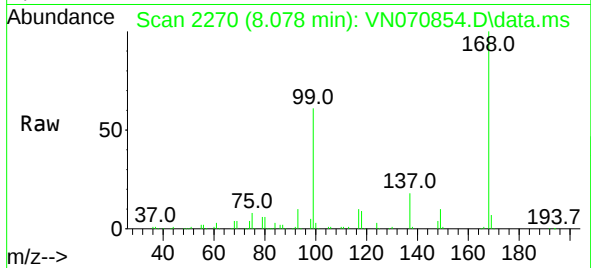




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

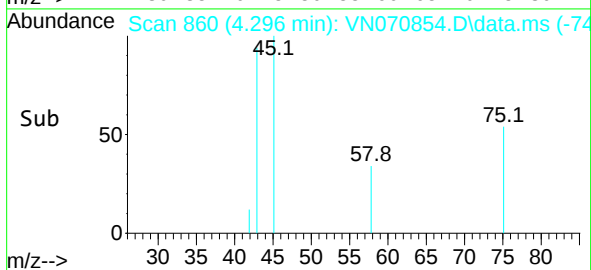
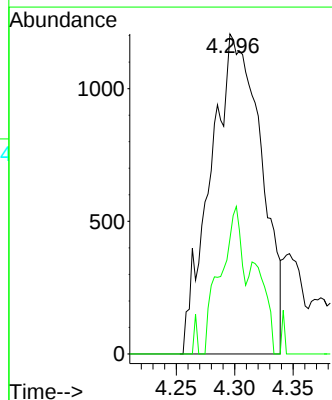
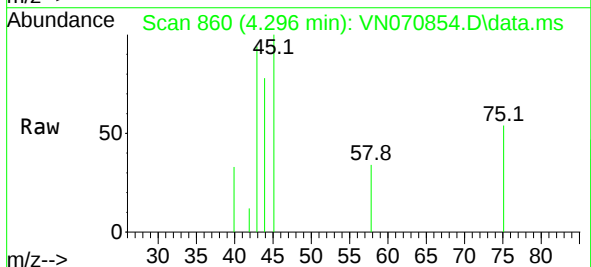
Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

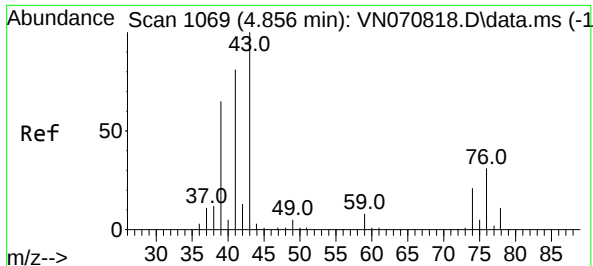
Tgt Ion:168 Resp: 806252
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#16
Acetone
Concen: 0.453 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 43 Resp: 3633
Ion Ratio Lower Upper
43 100
58 36.1 23.1 34.7#





#18

Methyl Acetate

Concen: 0.599 ug/l

RT: 4.859 min Scan# 1069

Delta R.T. 0.005 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

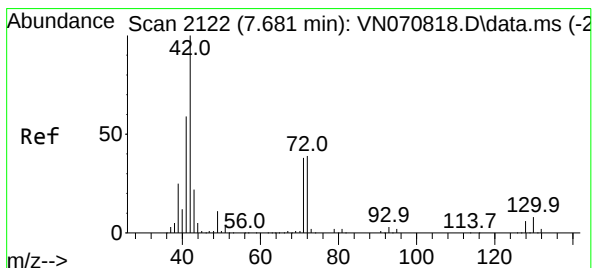
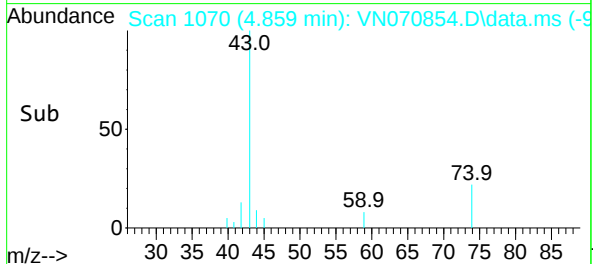
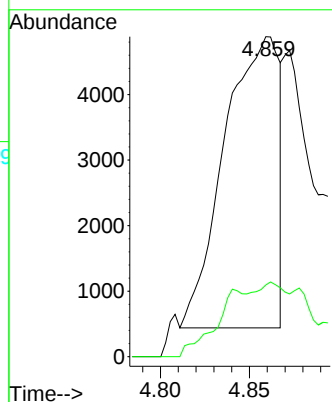
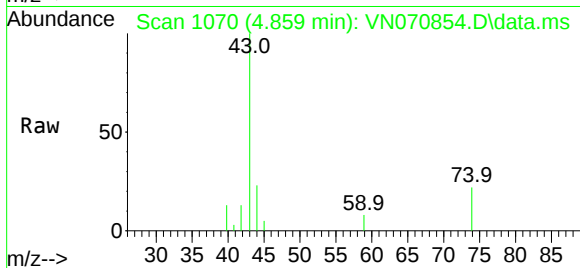
CL-01-012722

Tgt Ion: 43 Resp: 9441

Ion Ratio Lower Upper

43 100

74 13.4 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.517 ug/l

RT: 7.694 min Scan# 2127

Delta R.T. 0.011 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

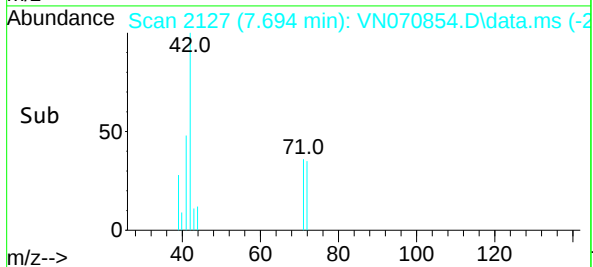
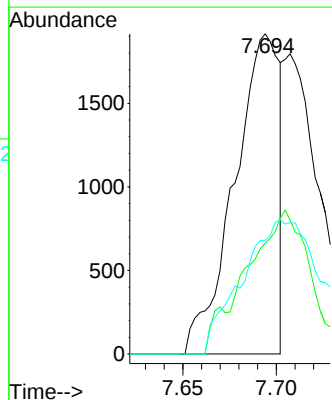
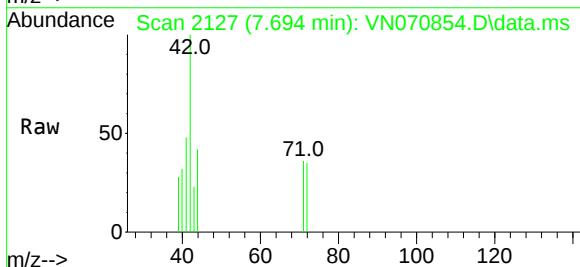
Tgt Ion: 42 Resp: 3196

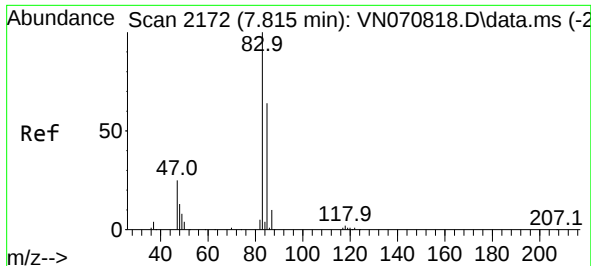
Ion Ratio Lower Upper

42 100

72 62.3 36.3 54.5#

71 71.7 34.7 52.1#

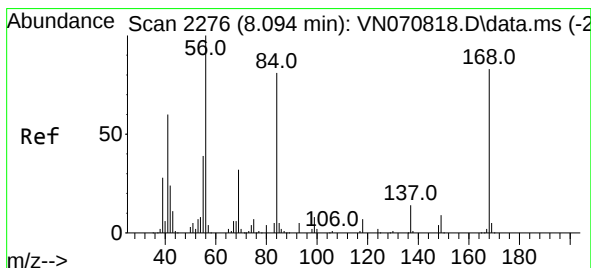
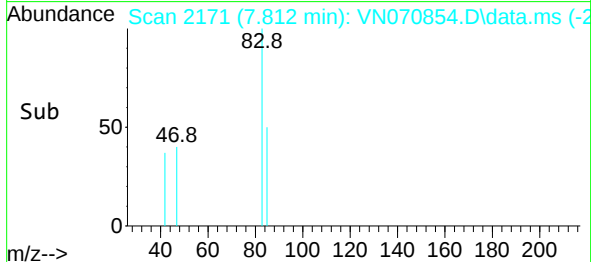
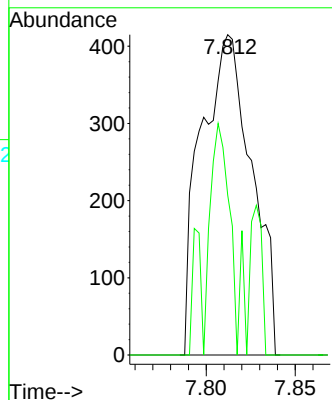
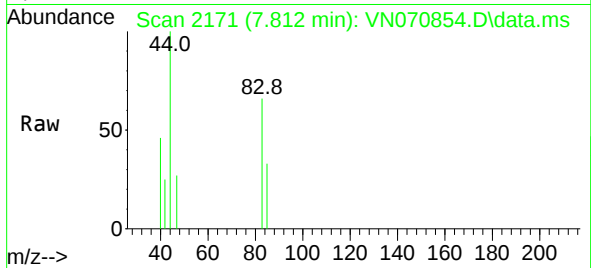




#30
Chloroform
Concen: Below Cal
RT: 7.812 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

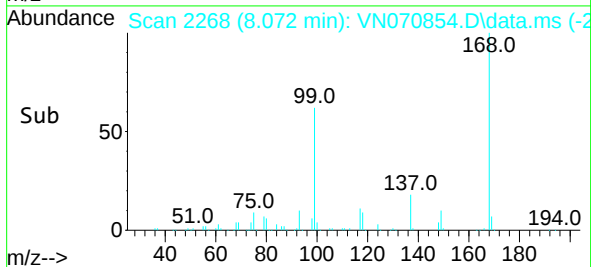
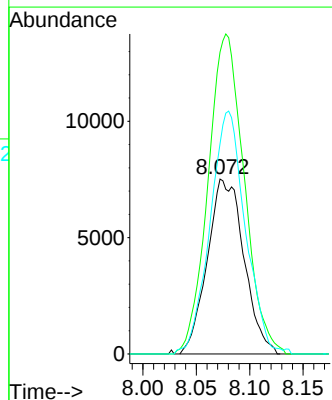
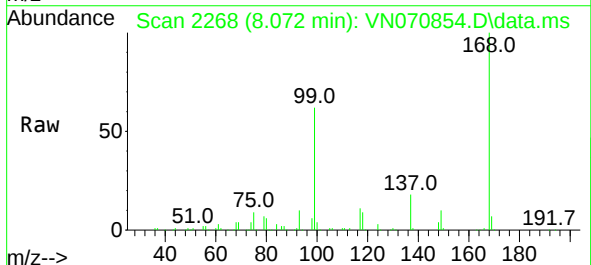
Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

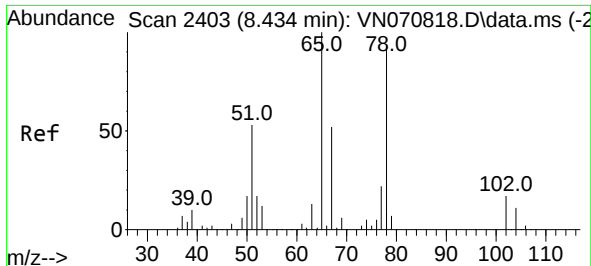
Tgt Ion: 83 Resp: 824
Ion Ratio Lower Upper
83 100
85 49.9 51.9 77.9#



#31
Cyclohexane
Concen: 0.881 ug/l
RT: 8.072 min Scan# 2268
Delta R.T. -0.022 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 56 Resp: 17929
Ion Ratio Lower Upper
56 100
69 170.0 27.1 40.7#
84 117.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.532 ug/l

RT: 8.432 min Scan# 24

Delta R.T. -0.002 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

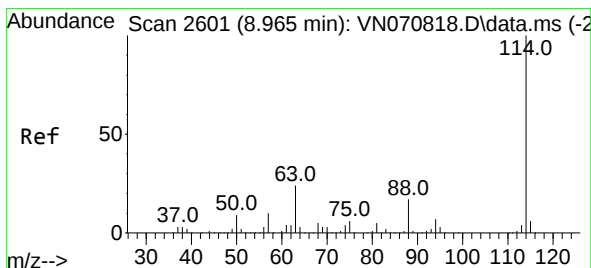
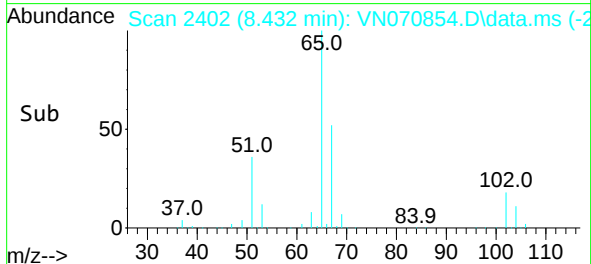
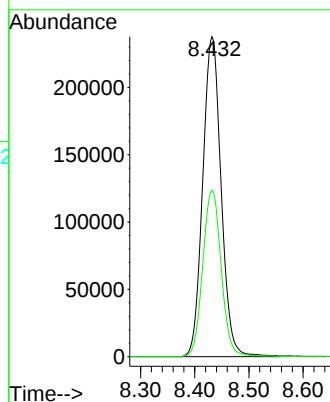
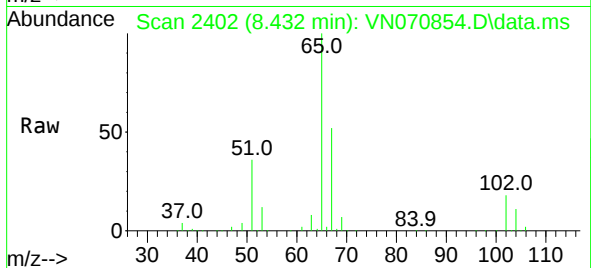
CL-01-012722

Tgt Ion: 65 Resp: 560783

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.002 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

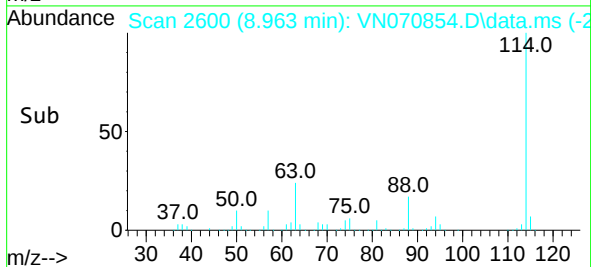
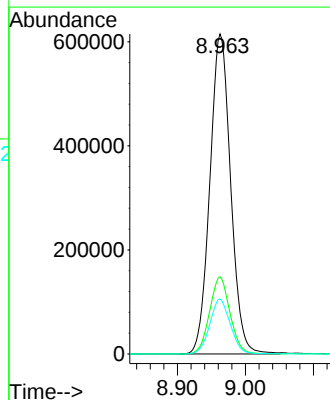
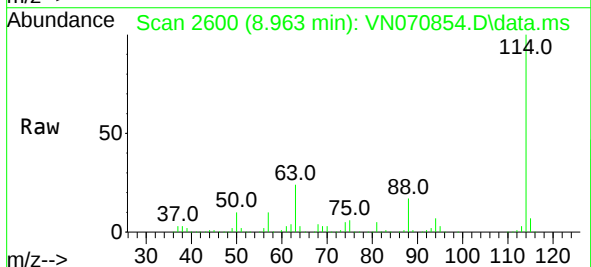
Tgt Ion: 114 Resp: 1304252

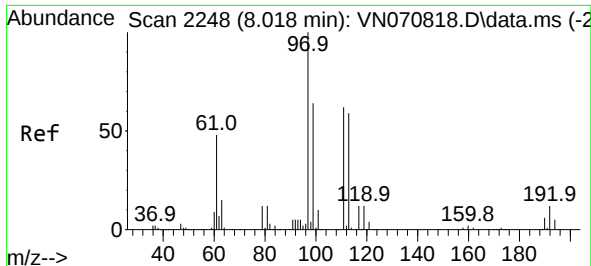
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 17.2 0.0 27.4





#35

Dibromofluoromethane

Concen: 45.816 ug/l

RT: 8.016 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

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MSVOA_N

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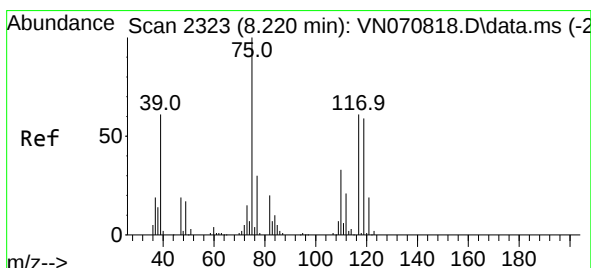
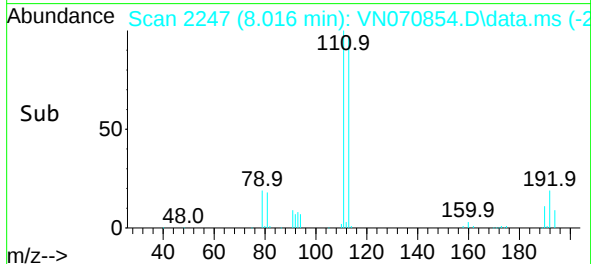
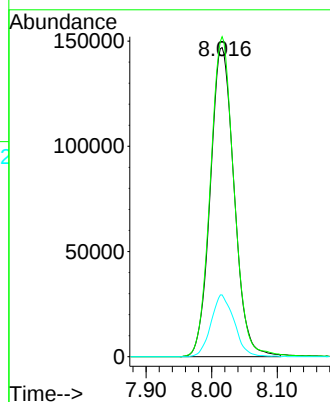
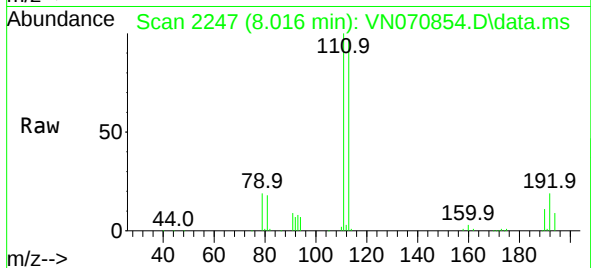
Tgt Ion:113 Resp: 370668

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 8.075 min Scan# 2269

Delta R.T. -0.145 min

Lab File: VN070854.D

Acq: 31 Jan 2022 16:08

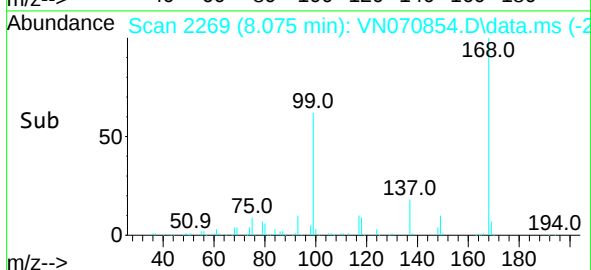
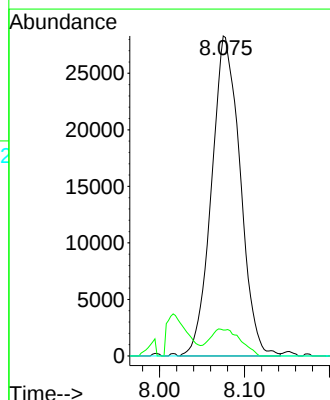
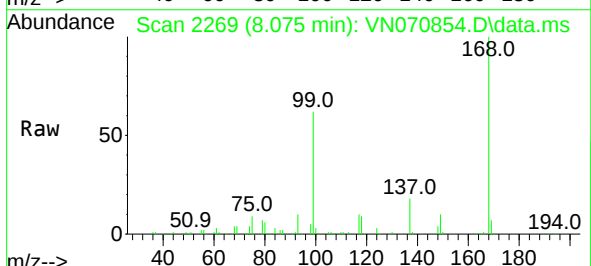
Tgt Ion: 75 Resp: 66137

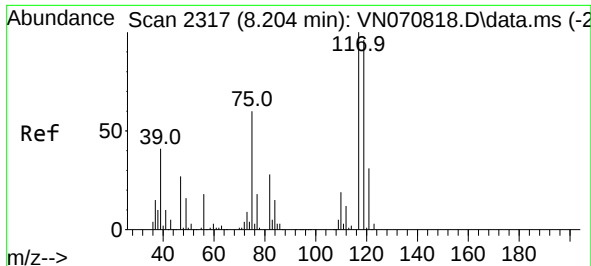
Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 24.4 36.6#

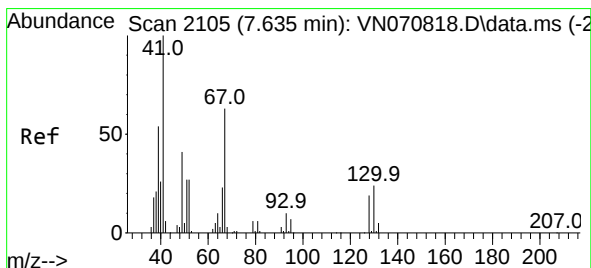
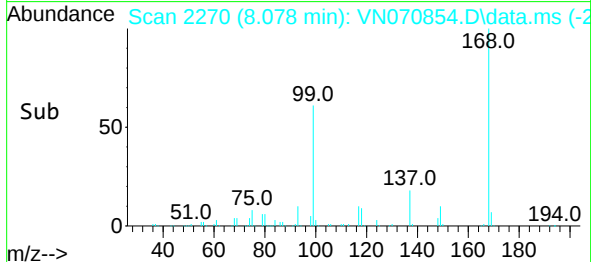
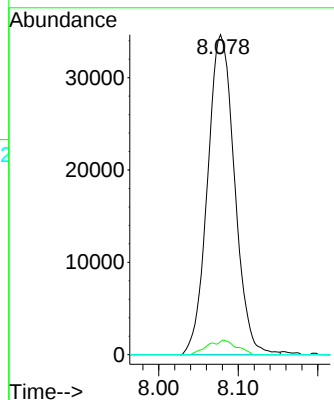
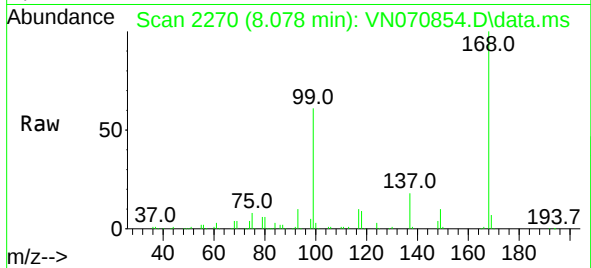




#38
Carbon Tetrachloride
Concen: 6.756 ug/l
RT: 8.078 min Scan# 2118
Delta R.T. -0.128 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

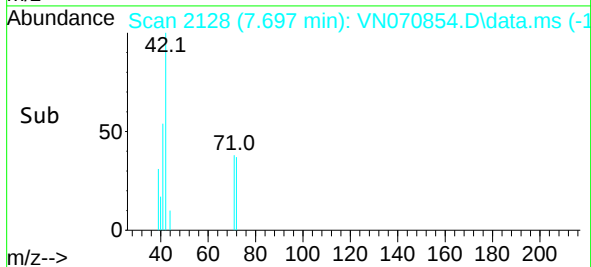
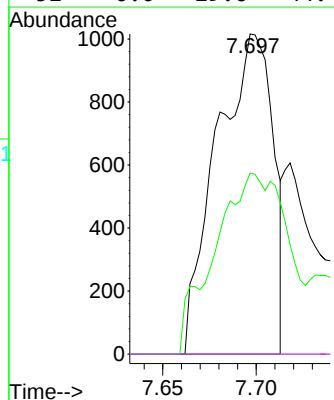
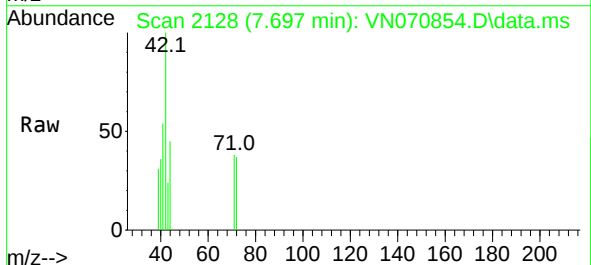
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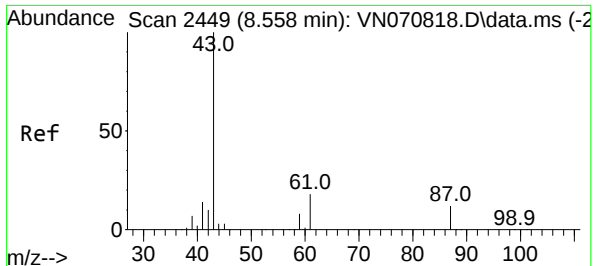
Tgt Ion:117 Resp: 81854
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.231 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.062 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 41 Resp: 2128
Ion Ratio Lower Upper
41 100
39 73.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

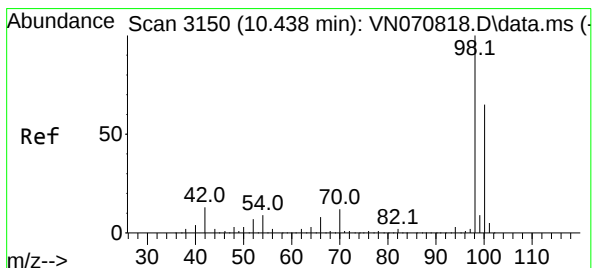
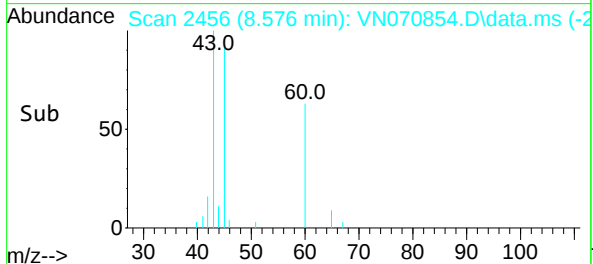
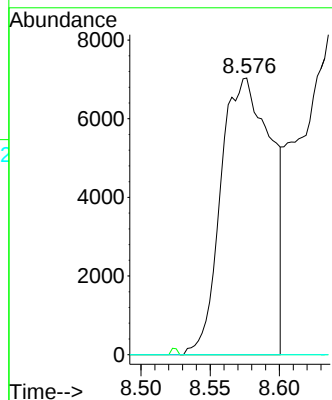
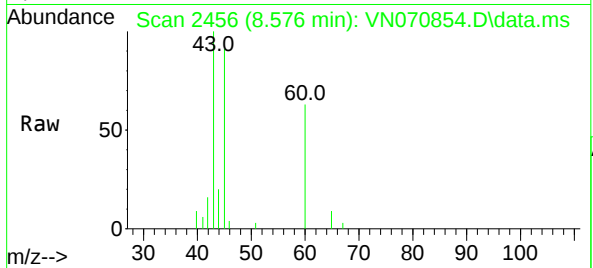




#43
Isopropyl Acetate
Concen: 0.647 ug/l
RT: 8.576 min Scan# 2449
Delta R.T. 0.016 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

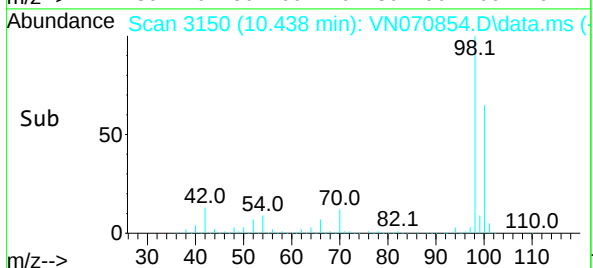
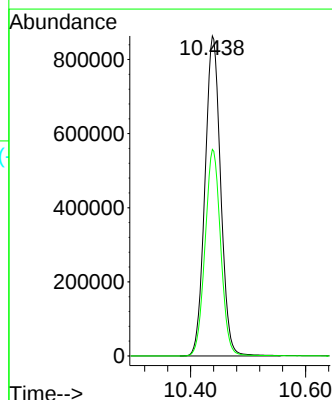
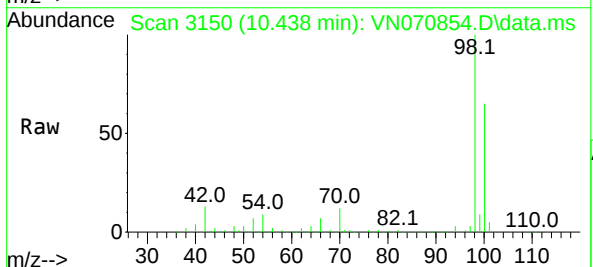
Instrument :
MSVOA_N
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CL-01-012722

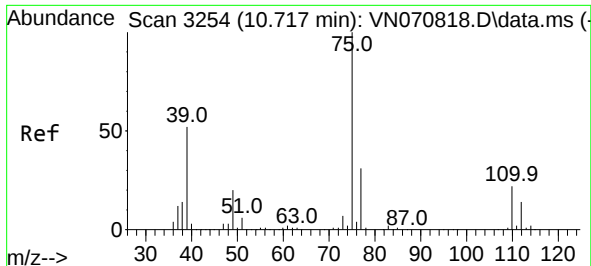
Tgt Ion: 43 Resp: 17879
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.897 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 98 Resp: 1632431
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

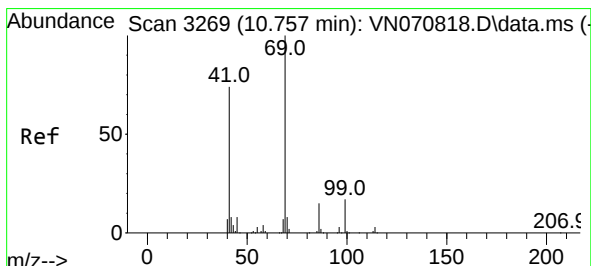
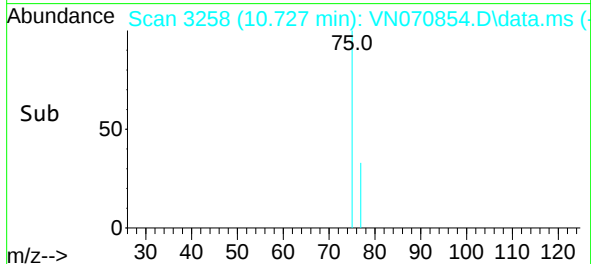
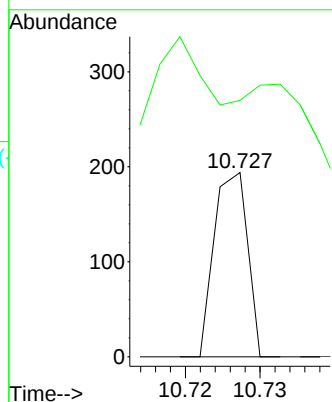
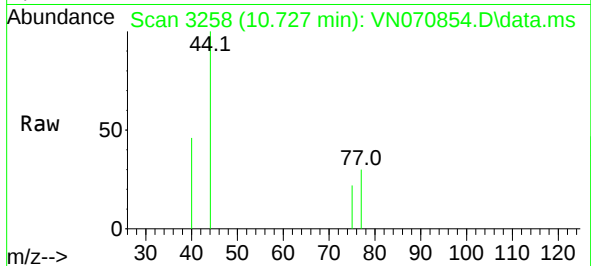




#53
t-1,3-Dichloropropene
Concen: 2.407 ug/l
RT: 10.727 min Scan# 31
Delta R.T. 0.010 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

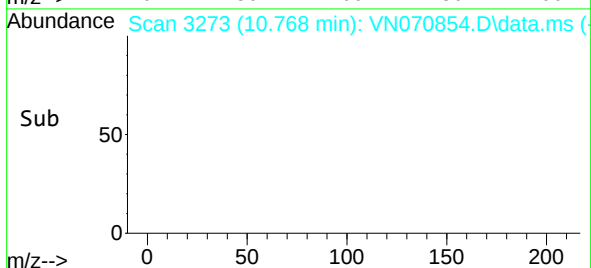
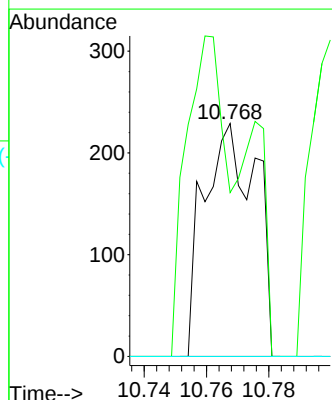
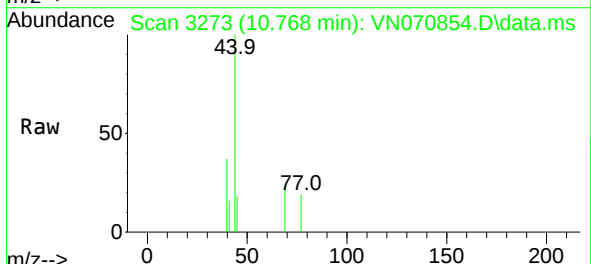
Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

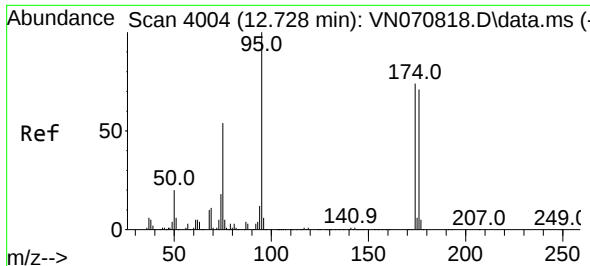
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.315 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.008 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 69 Resp: 264
Ion Ratio Lower Upper
69 100
41 40.2 51.4 77.0#
39 0.0 34.6 52.0#

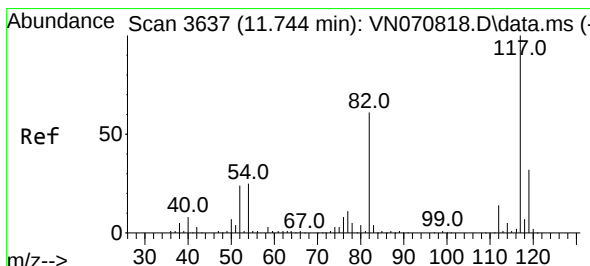
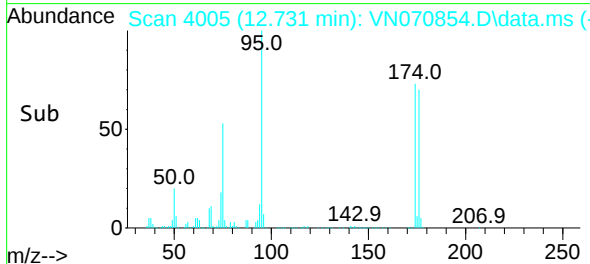
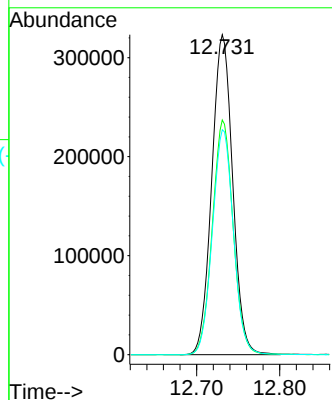
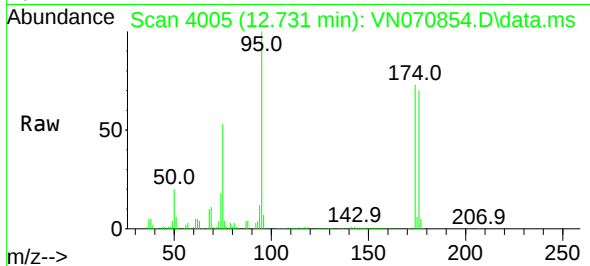




#62
4-Bromofluorobenzene
Concen: 46.514 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

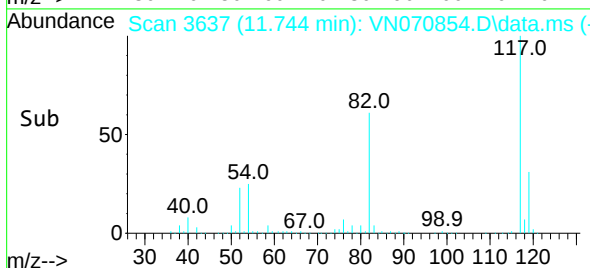
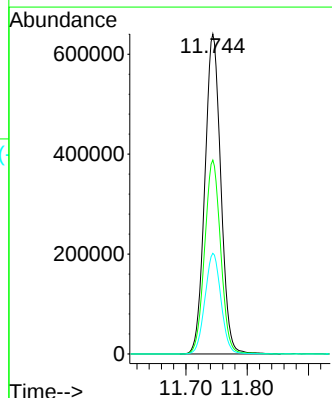
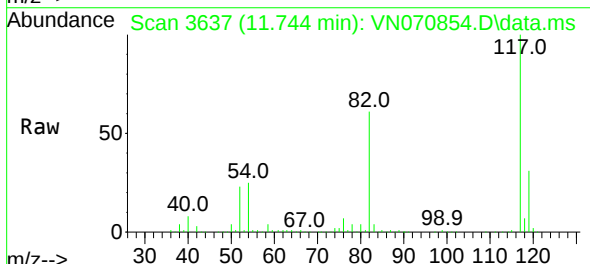
Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

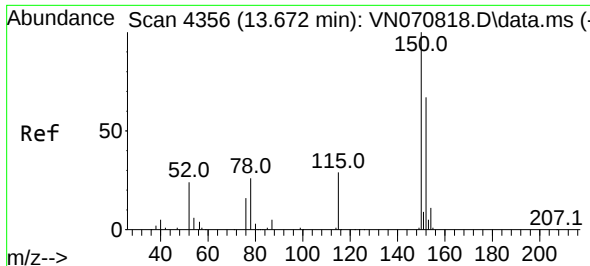
Tgt Ion: 95 Resp: 564910
Ion Ratio Lower Upper
95 100
174 73.1 0.0 187.2
176 70.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 117 Resp: 1157284
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.4 25.4 38.2

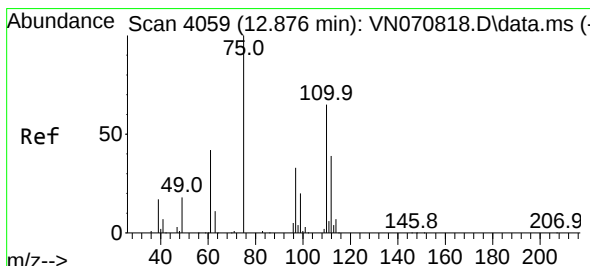
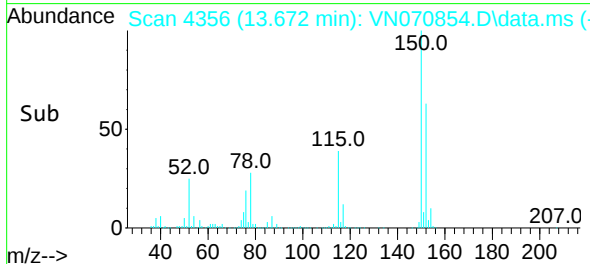
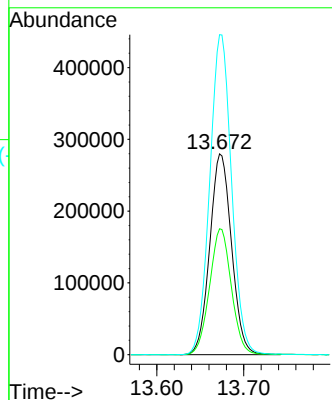
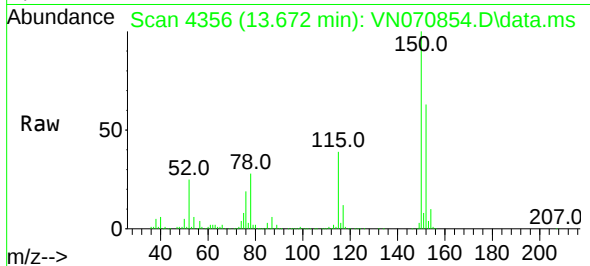




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070854.D
 Acq: 31 Jan 2022 16:08

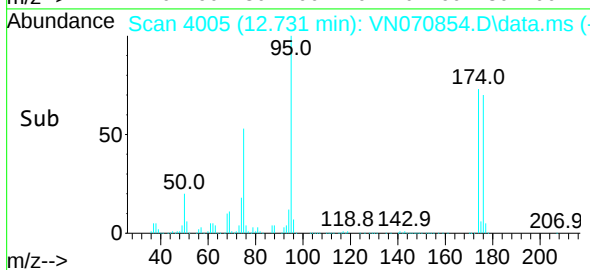
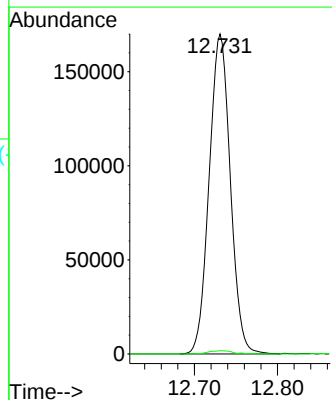
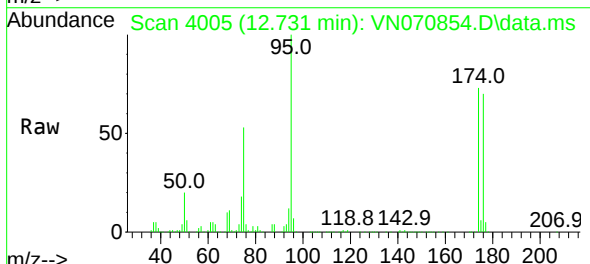
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-012722

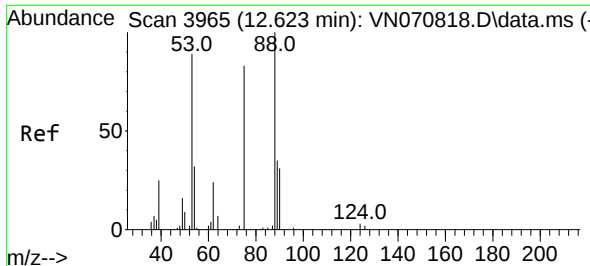
Tgt Ion:152 Resp: 487602
 Ion Ratio Lower Upper
 152 100
 115 62.6 27.5 82.5
 150 159.5 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 23.234 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.147 min
 Lab File: VN070854.D
 Acq: 31 Jan 2022 16:08

Tgt Ion: 75 Resp: 300470
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

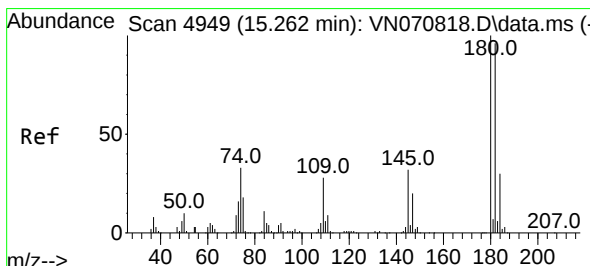
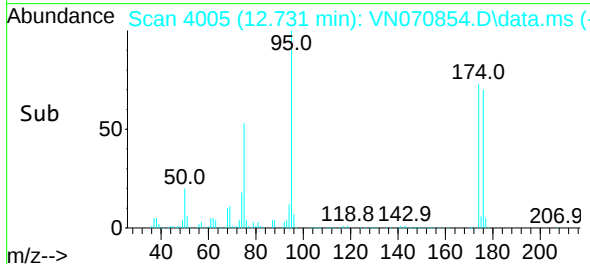
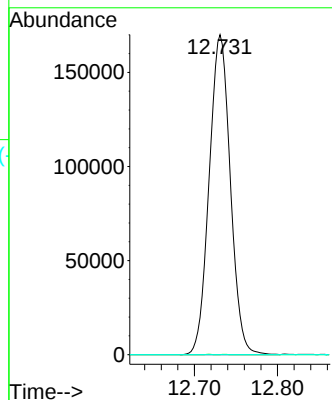
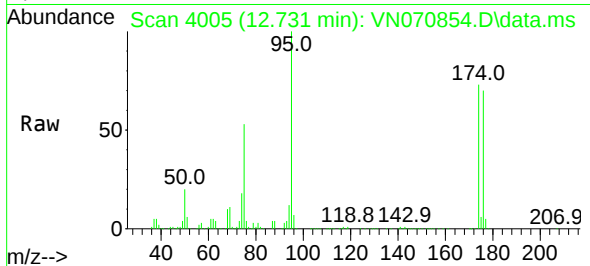




#81
trans-1,4-Dichloro-2-butene
Concen: 69.217 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

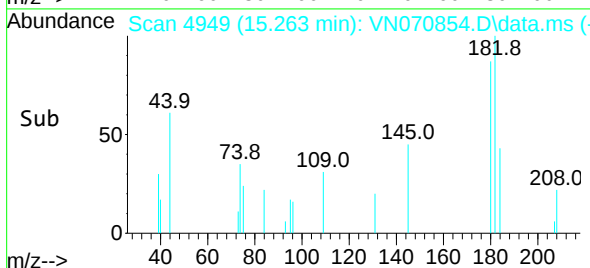
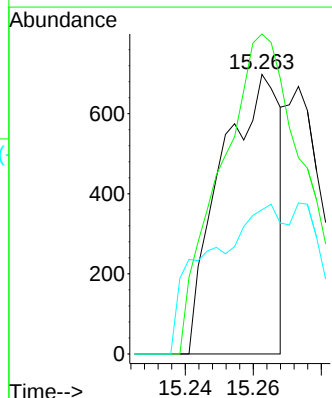
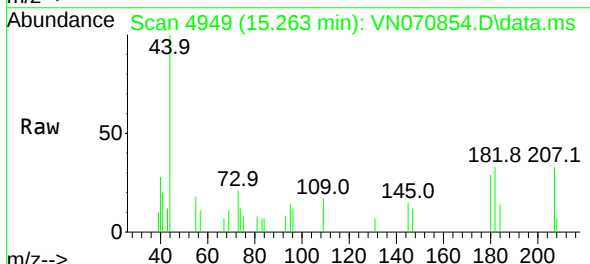
Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

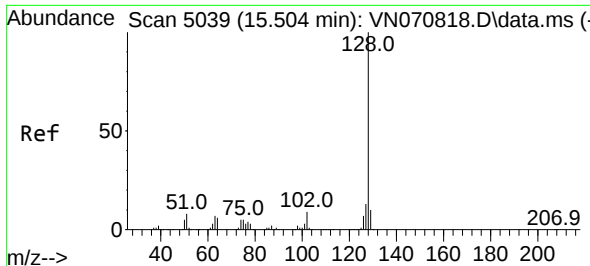
Tgt Ion: 75 Resp: 300470
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.512 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion: 180 Resp: 837
Ion Ratio Lower Upper
180 100
182 160.7 48.3 144.9#
145 72.0 14.5 43.5#

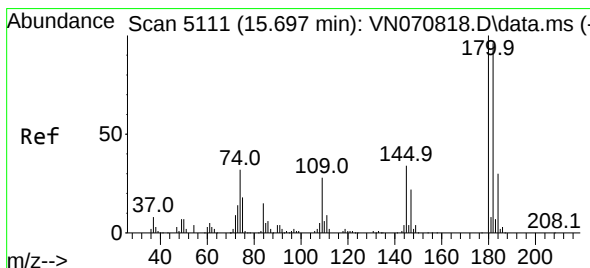
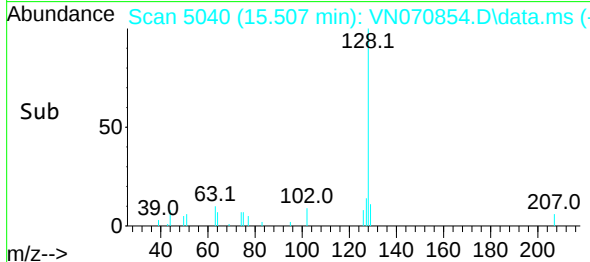
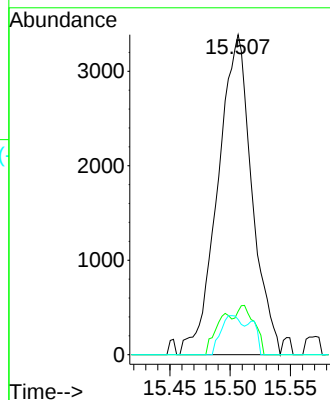
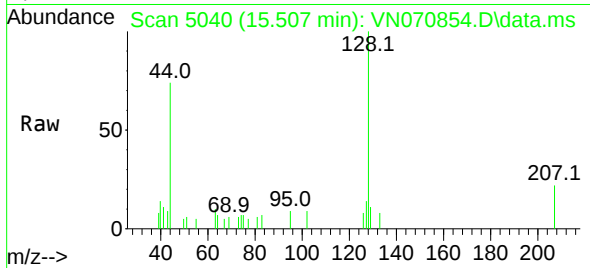




#95
Naphthalene
Concen: 5.186 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
CL-01-012722

Tgt Ion:128 Resp: 6662
Ion Ratio Lower Upper
128 100
127 7.6 10.5 15.7#
129 7.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.379 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070854.D
Acq: 31 Jan 2022 16:08

Tgt Ion:180 Resp: 1504
Ion Ratio Lower Upper
180 100
182 100.4 47.4 142.2
145 64.9 15.0 45.1#

