

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075249.D
 Acq On : 11 Nov 2022 15:41
 Operator : JC\MD
 Sample : N5582-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0669

Quant Time: Nov 14 03:46:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

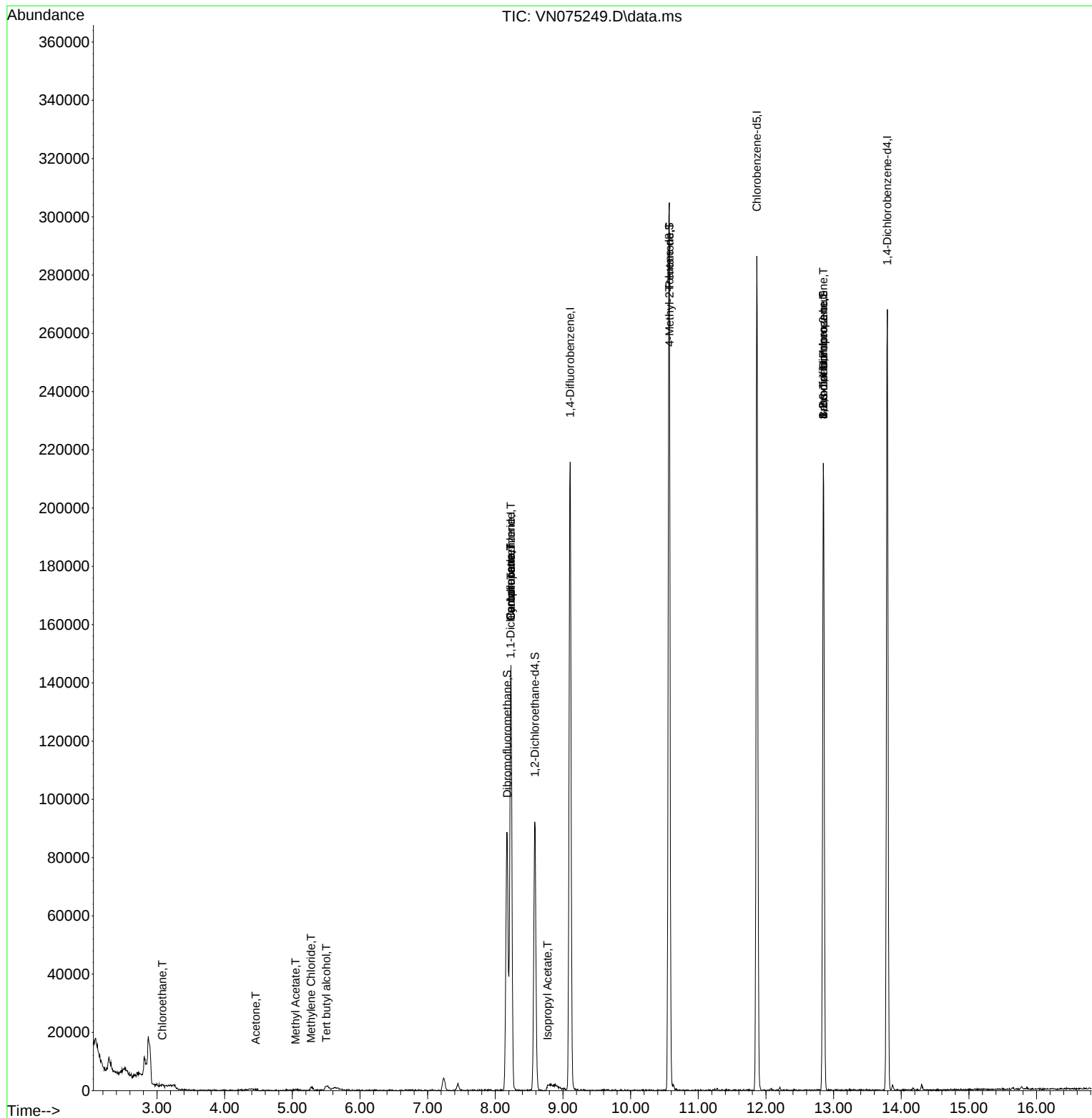
Internal Standards						
1) Pentafluorobenzene	8.230	168	103645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	197329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	170158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74021	53.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.000%	
35) Dibromofluoromethane	8.177	113	64624	55.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.580%	
50) Toluene-d8	10.571	98	220432	49.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.847	95	75005	47.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.913	94	91	Below Cal	#	5
6) Chloroethane	3.077	64	297	0.203	ug/l #	45
11) Tert butyl alcohol	5.501	59	703	2.159	ug/l #	72
16) Acetone	4.460	43	409	0.692	ug/l #	59
18) Methyl Acetate	5.048	43	1011	0.523	ug/l #	47
20) Methylene Chloride	5.277	84	590	0.448	ug/l #	33
31) Cyclohexane	8.230	56	2392	1.152	ug/l #	34
36) 1,1-Dichloropropene	8.224	75	8655	4.826	ug/l #	50
38) Carbon Tetrachloride	8.230	117	11061	5.607	ug/l #	15
43) Isopropyl Acetate	8.771	43	761	0.249	ug/l #	53
51) 4-Methyl-2-Pentanone	10.577	43	791	0.402	ug/l #	1
71) Bromoform	12.847	173	565	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	39651	25.090	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39651	64.407	ug/l #	10

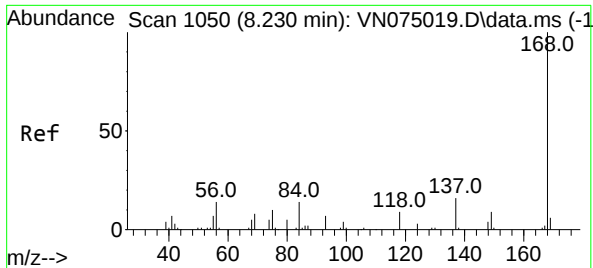
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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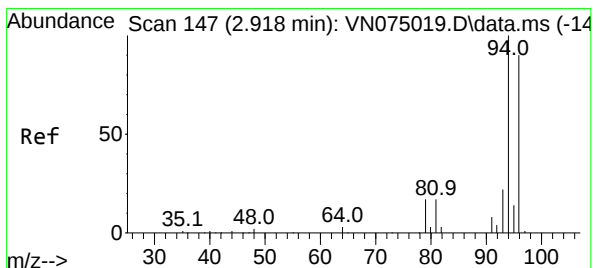
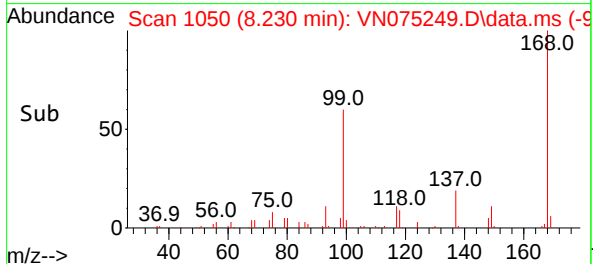
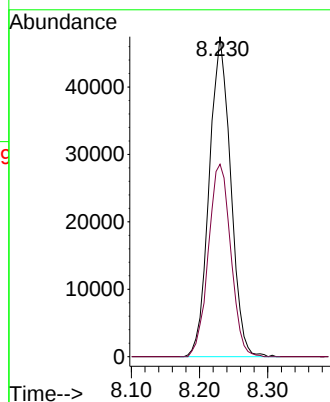
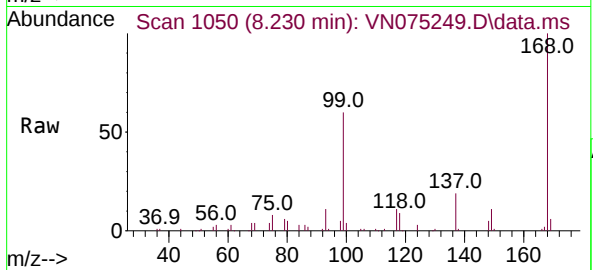




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

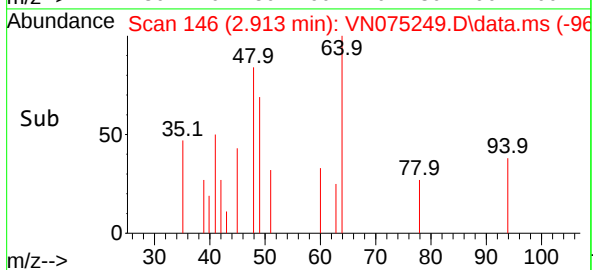
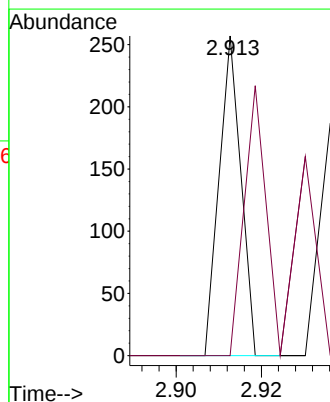
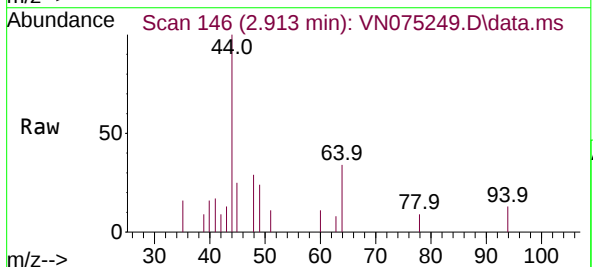
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

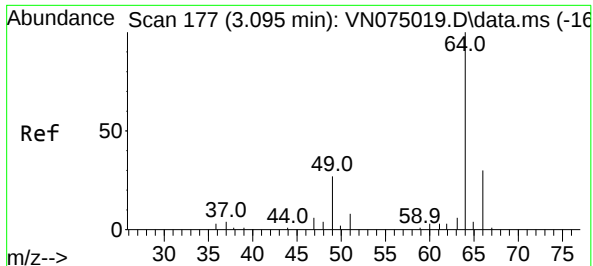
Tgt Ion:168 Resp: 103645
Ion Ratio Lower Upper
168 100
99 60.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.913 min Scan# 146
Delta R.T. -0.005 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 94 Resp: 91
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

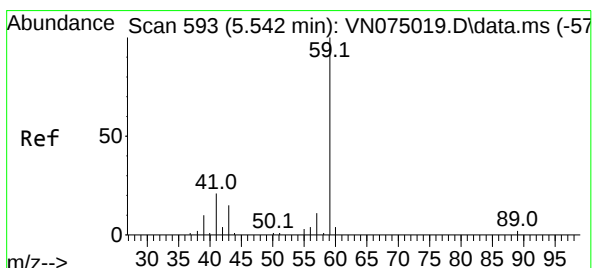
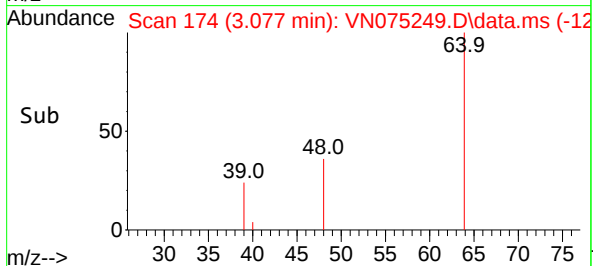
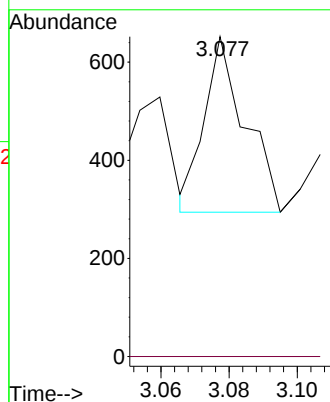
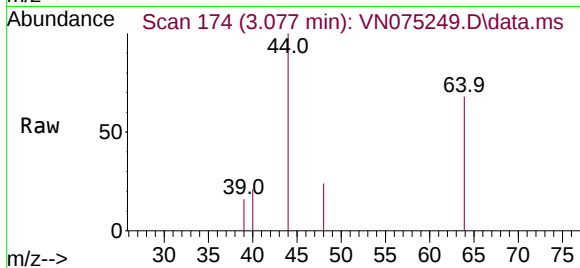




#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.077 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

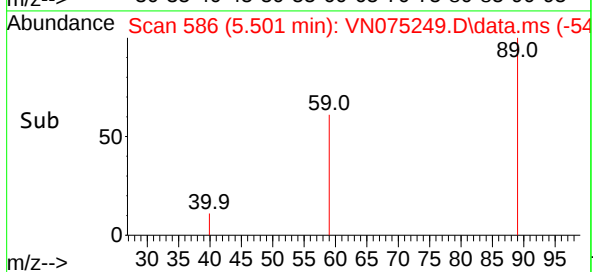
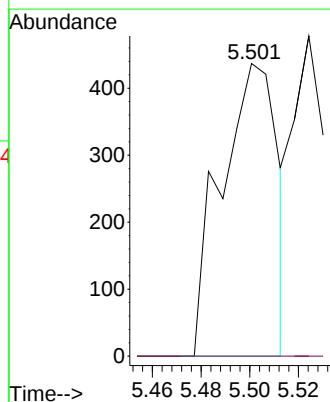
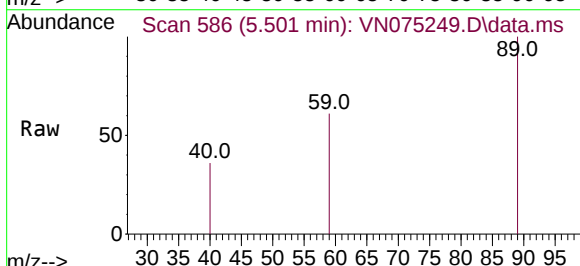
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

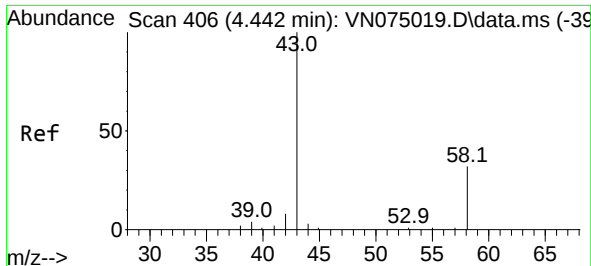
Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 2.159 ug/l
RT: 5.501 min Scan# 586
Delta R.T. -0.041 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 59 Resp: 703
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

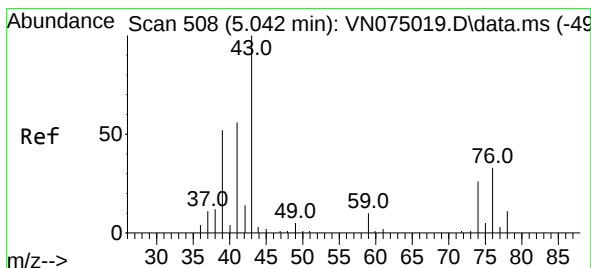
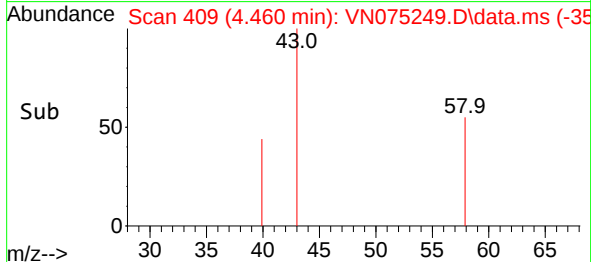
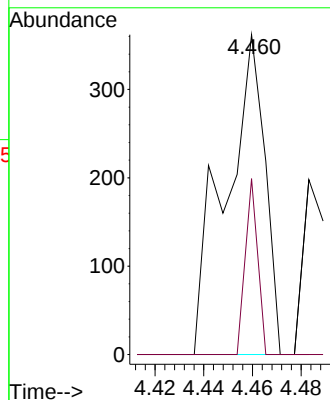
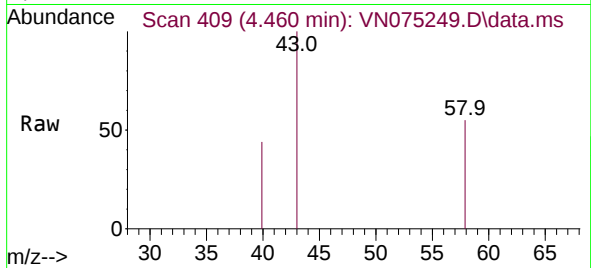




#16
Acetone
Concen: 0.692 ug/l
RT: 4.460 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

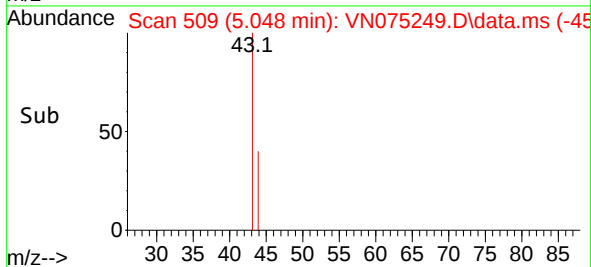
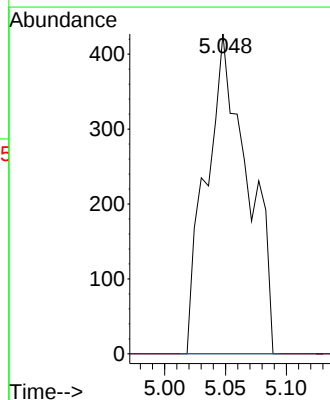
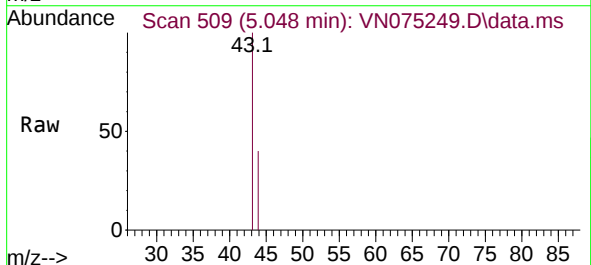
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

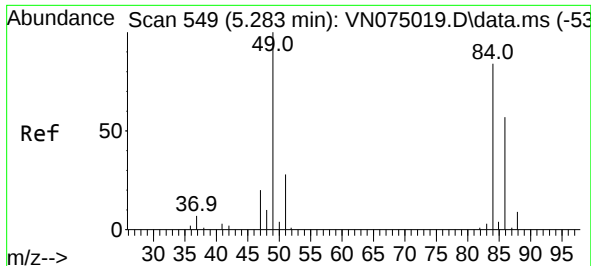
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 55.0 25.5 38.3#



#18
Methyl Acetate
Concen: 0.523 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

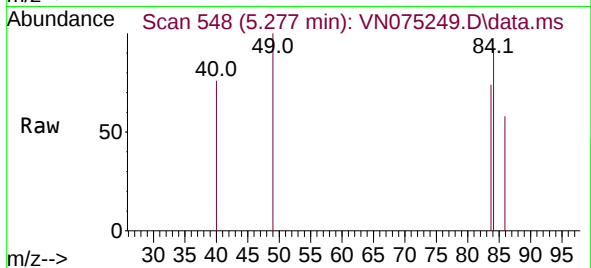
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



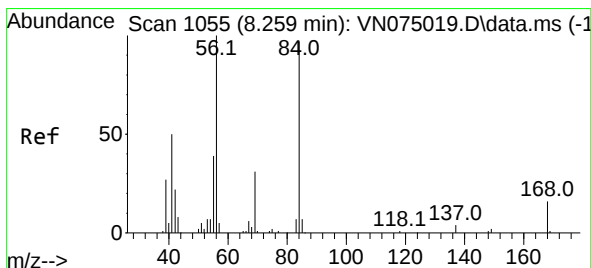
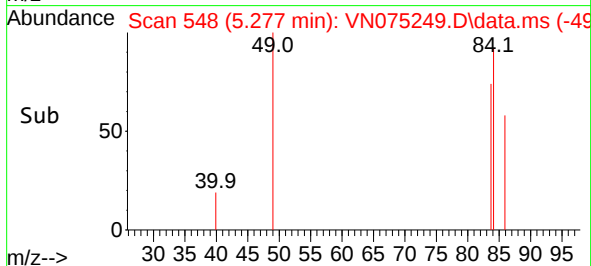
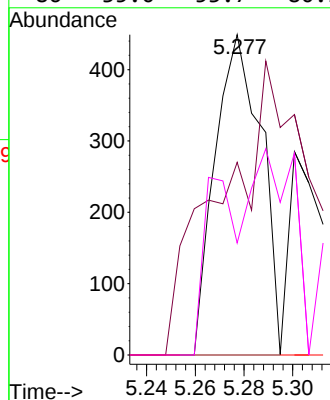


#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

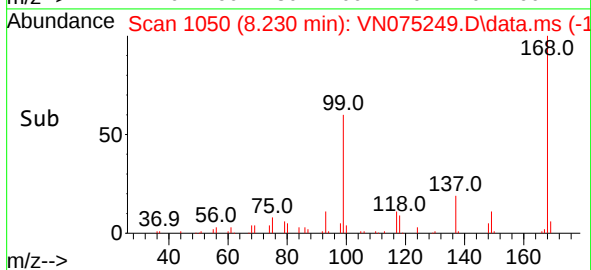
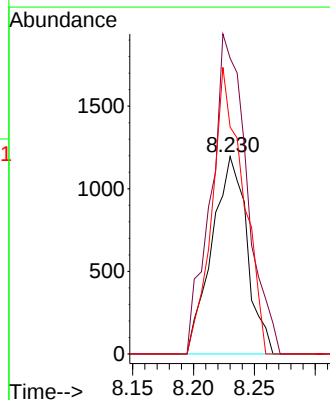
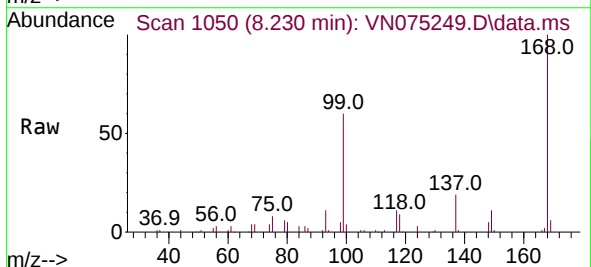


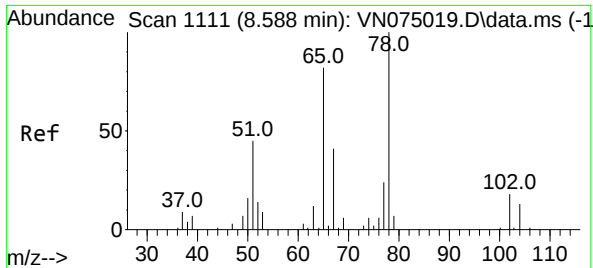
Tgt Ion:	84	Resp:	590
Ion	Ratio	Lower	Upper
84	100		
49	26.1	94.9	142.3#
51	0.0	26.8	40.2#
86	35.0	53.7	80.5#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion:	56	Resp:	2392
Ion	Ratio	Lower	Upper
56	100		
69	149.8	25.2	37.8#
84	114.9	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 53.005 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075249.D

Acq: 11 Nov 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

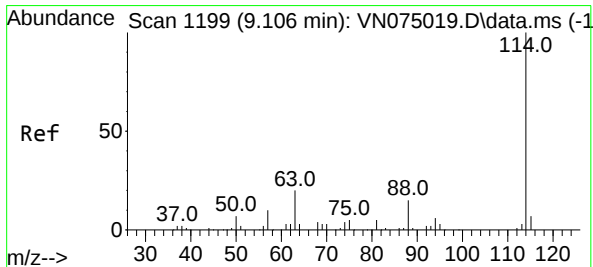
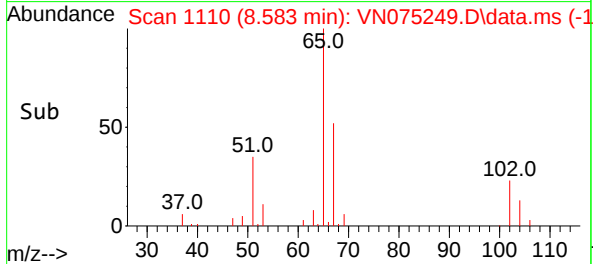
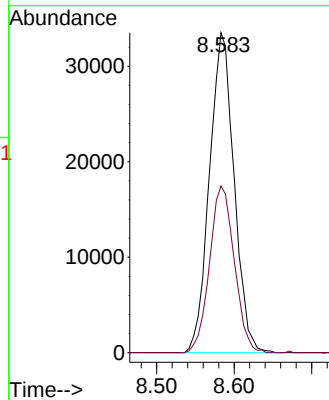
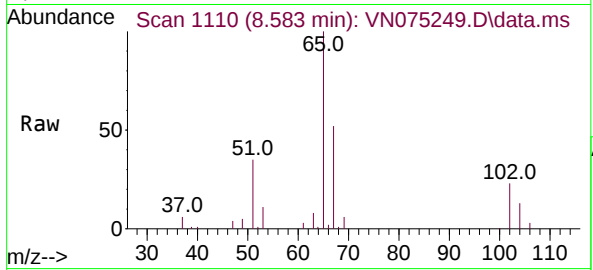
CLI-0669

Tgt Ion: 65 Resp: 74021

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075249.D

Acq: 11 Nov 2022 15:41

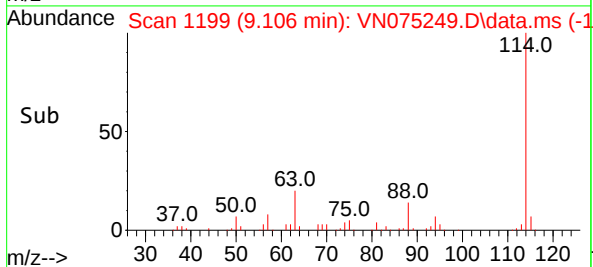
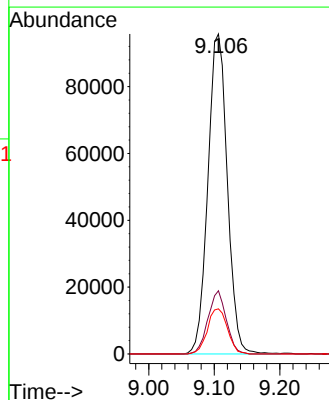
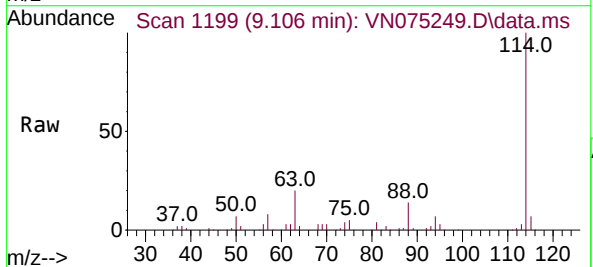
Tgt Ion: 114 Resp: 197329

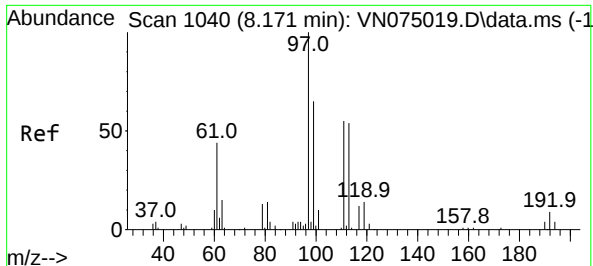
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.786 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075249.D

Acq: 11 Nov 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

CLI-0669

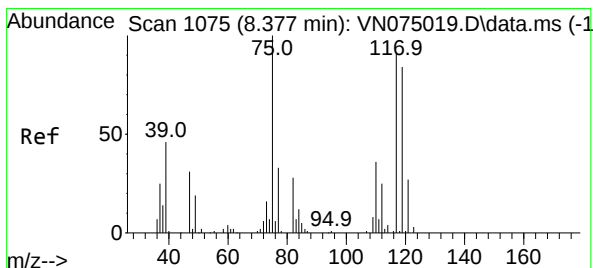
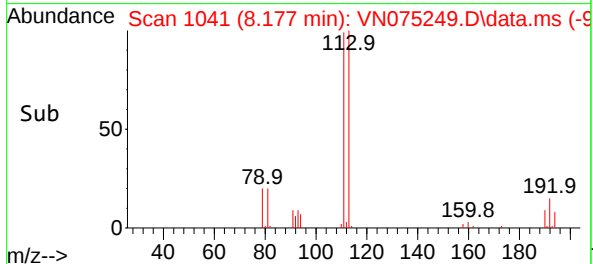
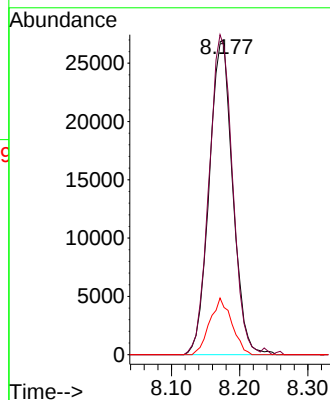
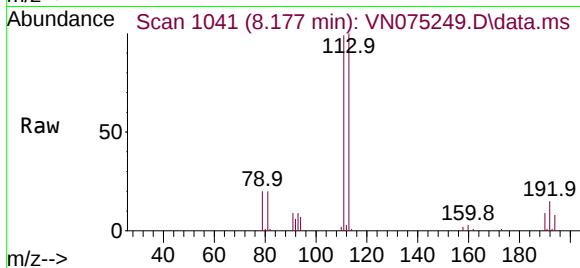
Tgt Ion:113 Resp: 64624

Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

192 16.9 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075249.D

Acq: 11 Nov 2022 15:41

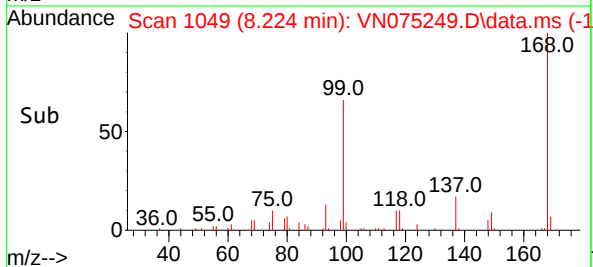
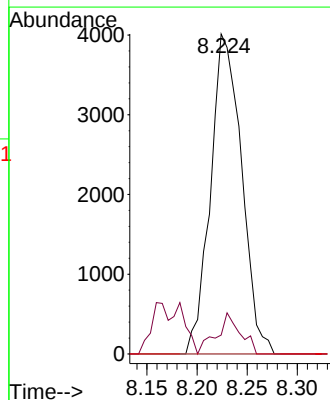
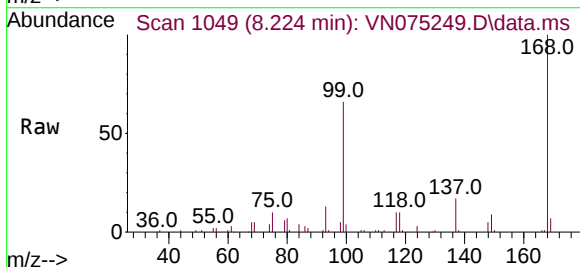
Tgt Ion: 75 Resp: 8655

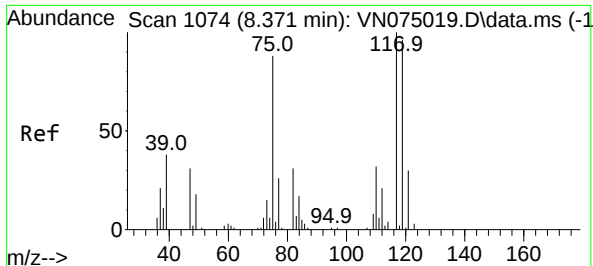
Ion Ratio Lower Upper

75 100

110 9.8 17.8 53.3#

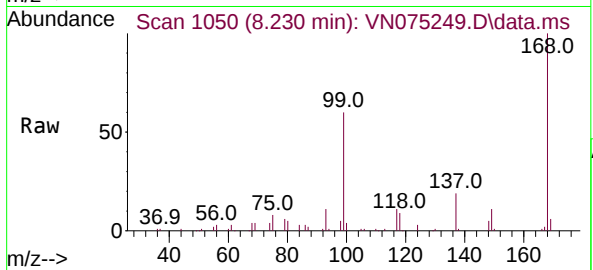
77 0.0 24.6 37.0#



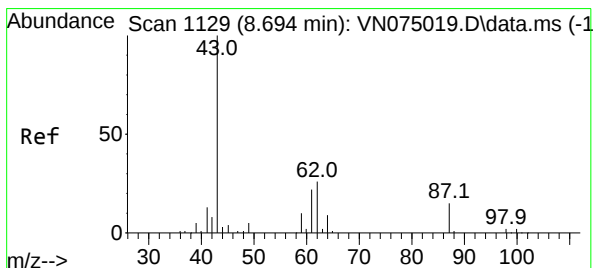
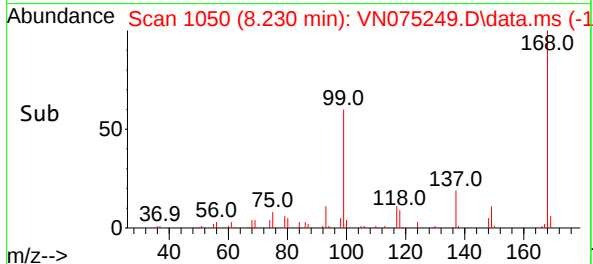
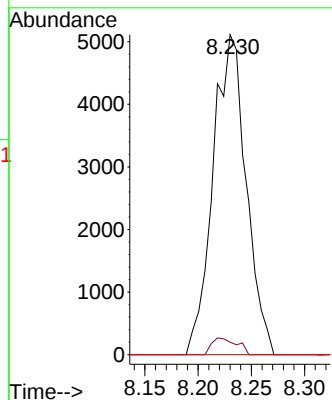


#38
Carbon Tetrachloride
Concen: 5.607 ug/l
RT: 8.230 min Scan# 11061
Delta R.T. -0.141 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

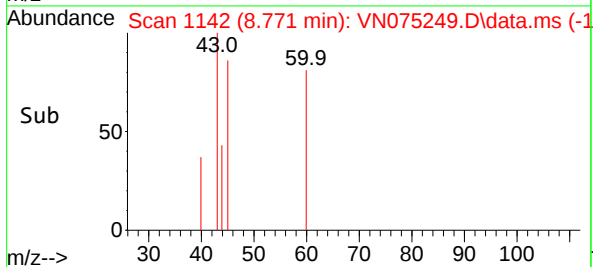
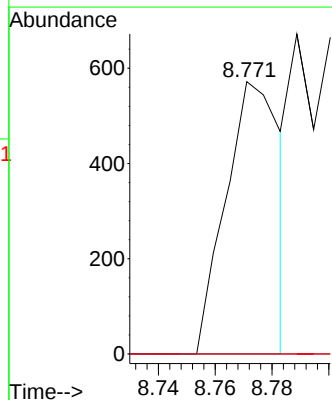
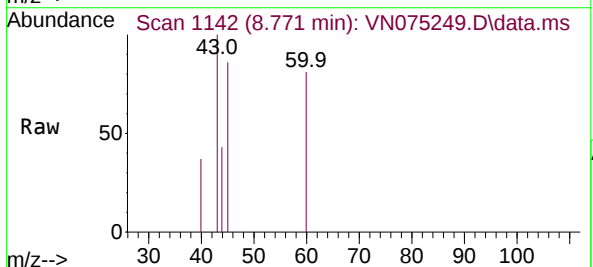


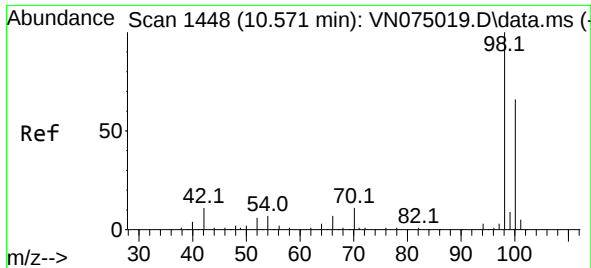
Tgt Ion:117 Resp: 11061
Ion Ratio Lower Upper
117 100
119 3.9 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.249 ug/l
RT: 8.771 min Scan# 1142
Delta R.T. 0.077 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

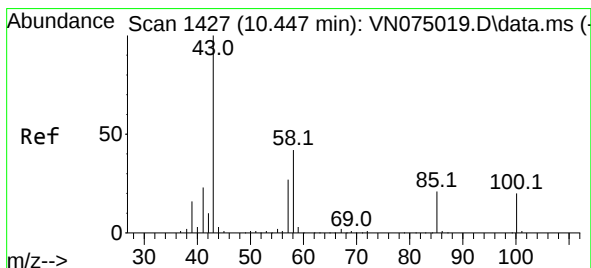
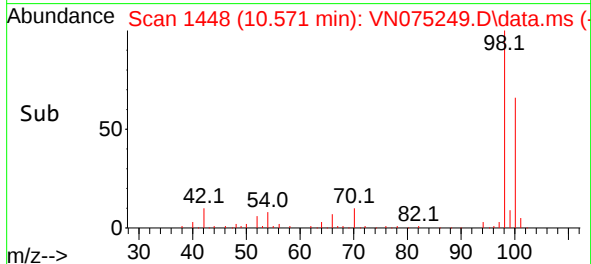
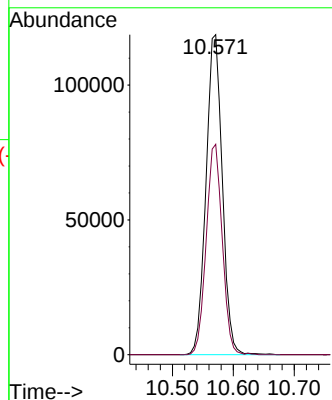
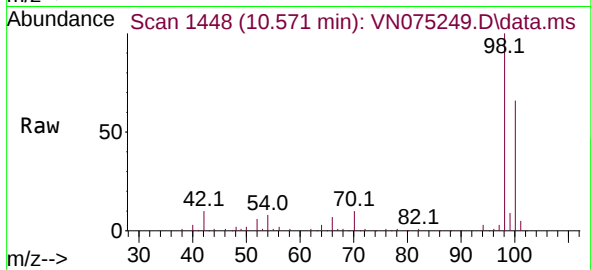




#50
Toluene-d8
Concen: 49.046 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

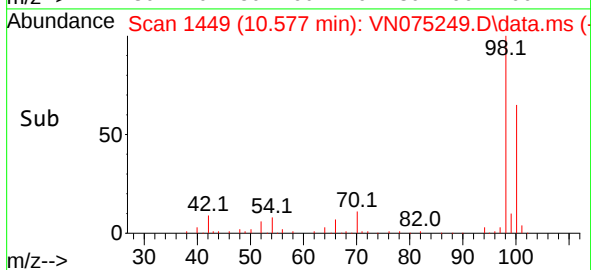
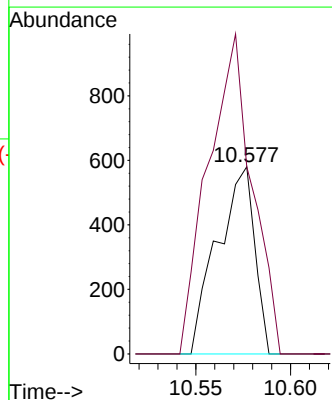
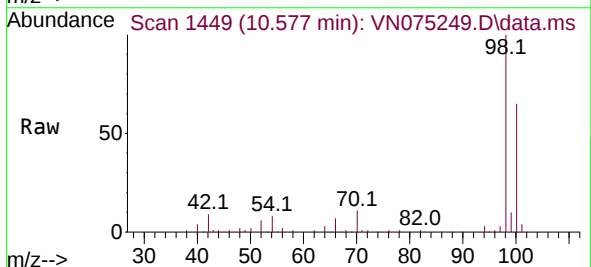
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

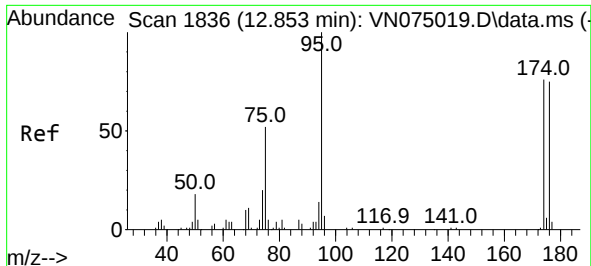
Tgt Ion: 98 Resp: 220432
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 10.577 min Scan# 1449
Delta R.T. 0.130 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 201.9 33.6 50.4#

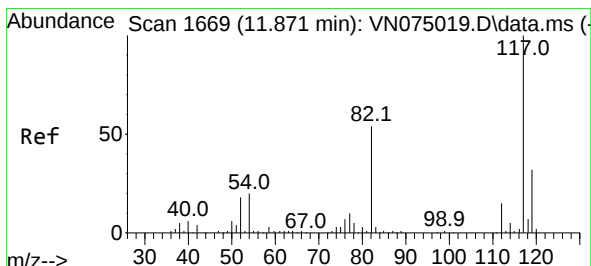
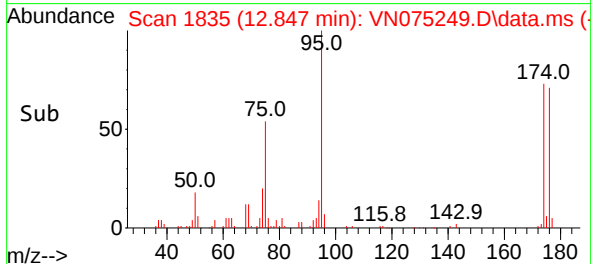
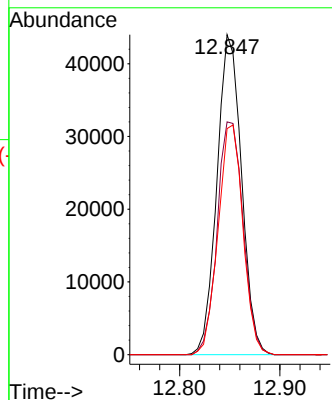
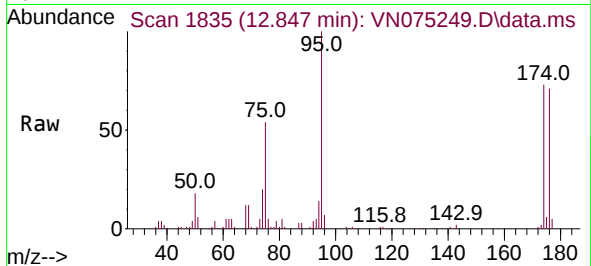




#62
4-Bromofluorobenzene
Concen: 47.508 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

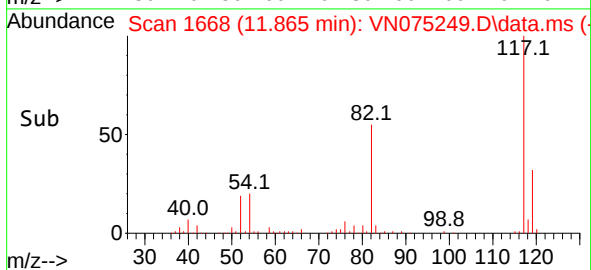
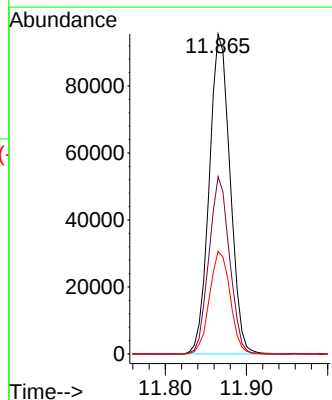
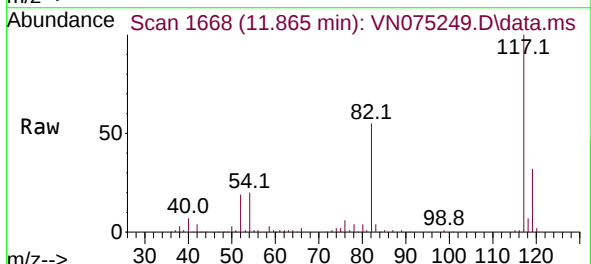
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

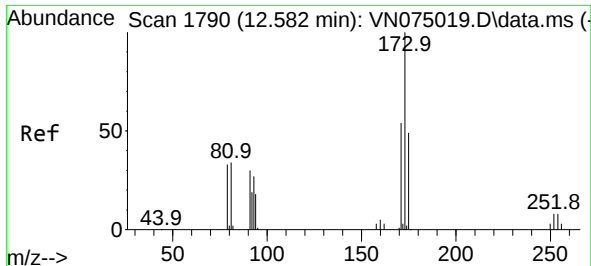
Tgt Ion: 95 Resp: 75005
Ion Ratio Lower Upper
95 100
174 76.4 0.0 147.4
176 72.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 117 Resp: 170158
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 32.1 25.5 38.3

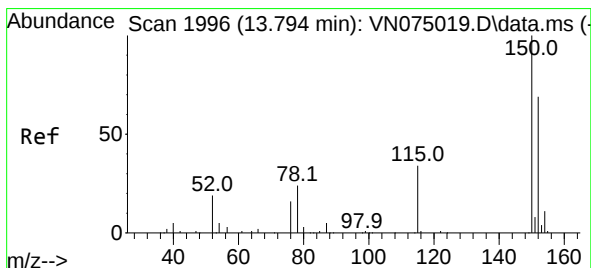
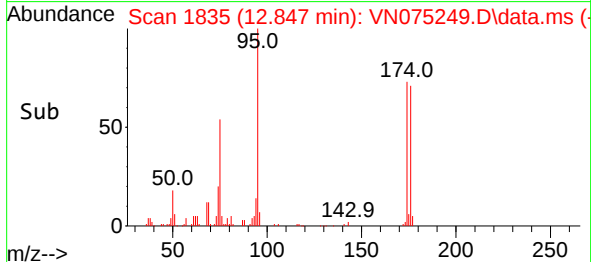
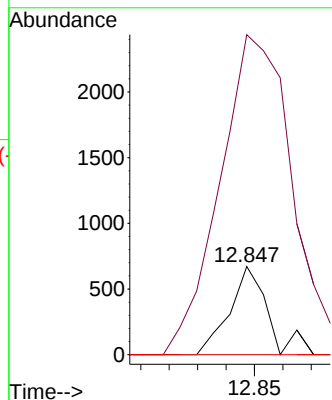
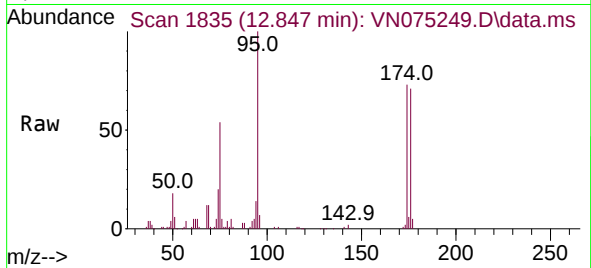




#71
Bromoform
Concen: 0.560 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

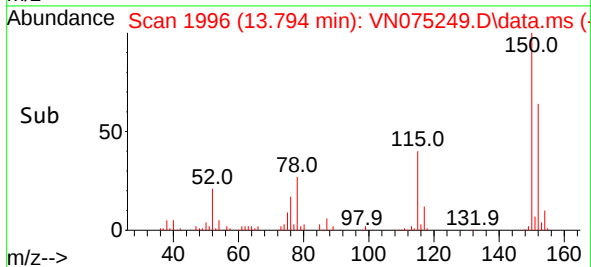
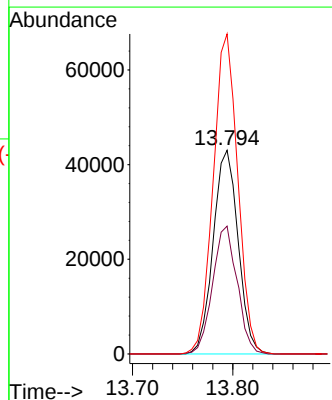
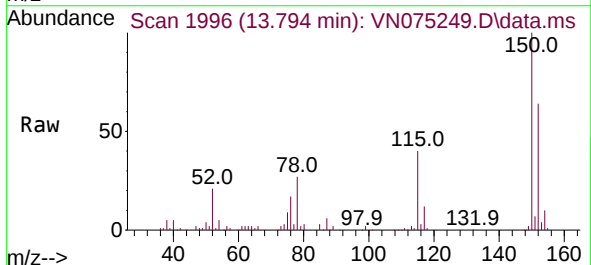
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

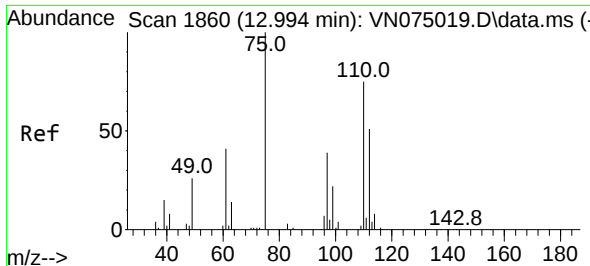
Tgt Ion:173 Resp: 565
Ion Ratio Lower Upper
173 100
175 645.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion:152 Resp: 74429
Ion Ratio Lower Upper
152 100
115 61.7 30.2 90.6
150 154.4 0.0 348.4

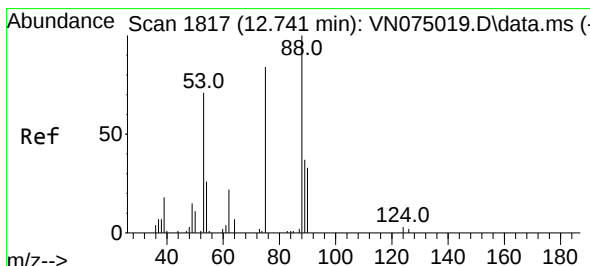
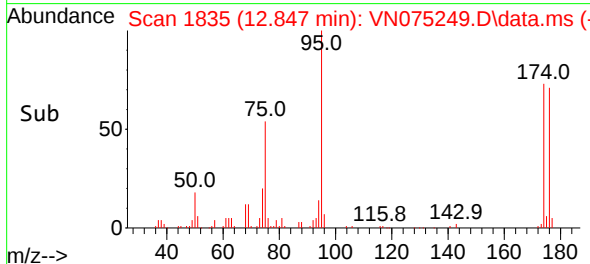
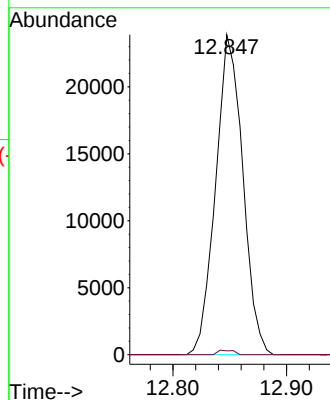
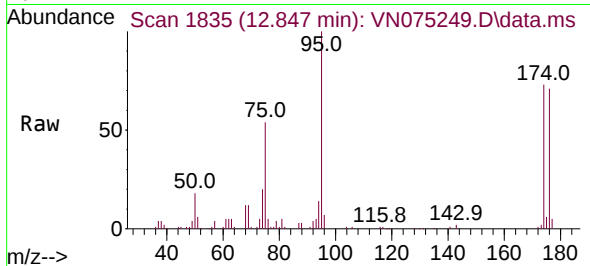




#76
1,2,3-Trichloropropane
Concen: 25.090 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

Tgt Ion: 75 Resp: 39651
Ion Ratio Lower Upper
75 100
77 0.8 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.407 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075249.D
Acq: 11 Nov 2022 15:41

Tgt Ion: 75 Resp: 39651
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

