

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075248.D
 Acq On : 11 Nov 2022 15:17
 Operator : JC\MD
 Sample : N5582-08 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0668

Quant Time: Nov 14 03:46:14 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)

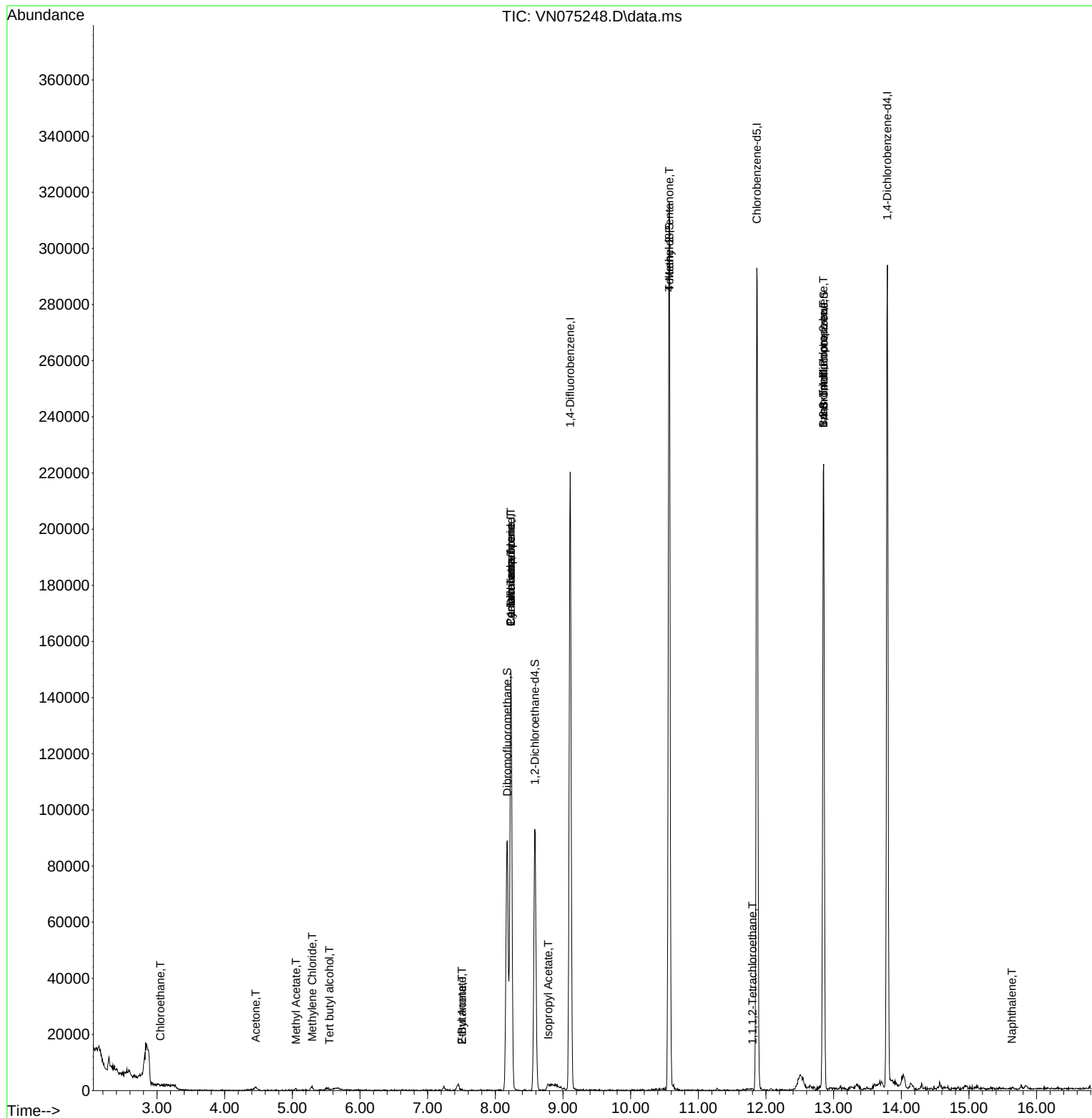
Internal Standards						
1) Pentafluorobenzene	8.229	168	102637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	197106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	176625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77140	55.781	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.560%
35) Dibromofluoromethane	8.177	113	64833	56.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.060%
50) Toluene-d8	10.570	98	225067	50.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.853	95	79150	50.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	54	Below Cal	#	5
6) Chloroethane	3.047	64	444	0.306	ug/l #	45
11) Tert butyl alcohol	5.547	59	141	0.437	ug/l #	72
16) Acetone	4.459	43	1908	3.258	ug/l #	87
18) Methyl Acetate	5.053	43	913	0.477	ug/l #	61
20) Methylene Chloride	5.294	84	1058	0.810	ug/l #	75
25) 2-Butanone	7.506	43	420	0.456	ug/l #	50
31) Cyclohexane	8.229	56	2070	1.006	ug/l #	12
36) 1,1-Dichloropropene	8.229	75	9014	5.032	ug/l #	44
37) Ethyl Acetate	7.506	43	420	0.214	ug/l #	66
38) Carbon Tetrachloride	8.229	117	11610	5.892	ug/l #	15
43) Isopropyl Acetate	8.782	43	1227	0.403	ug/l #	53
51) 4-Methyl-2-Pentanone	10.570	43	830	0.422	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.800	131	568	0.406	ug/l #	8
71) Bromoform	12.847	173	498	0.476	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.917	83	61	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.847	75	41743	25.834	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	41743	66.315	ug/l #	10
95) Naphthalene	15.635	128	1257	0.290	ug/l #	69

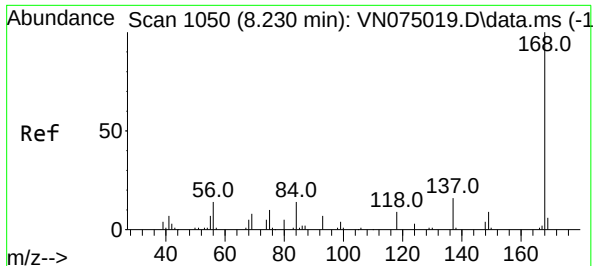
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
Data File : VN075248.D
Acq On : 11 Nov 2022 15:17
Operator : JC\MD
Sample : N5582-08 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

Quant Time: Nov 14 03:46:14 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

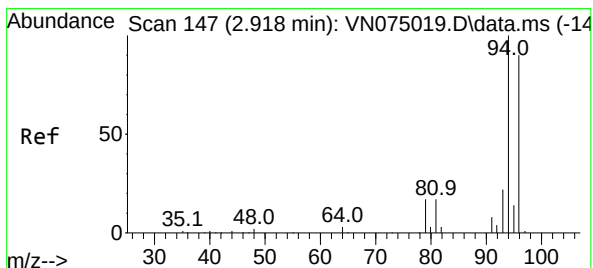
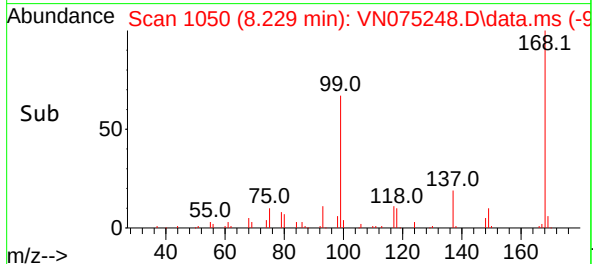
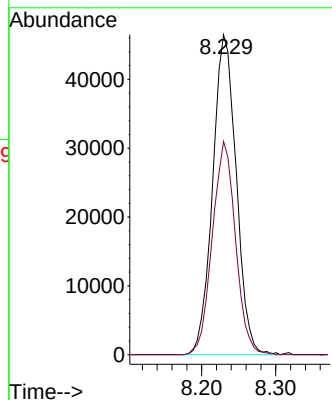
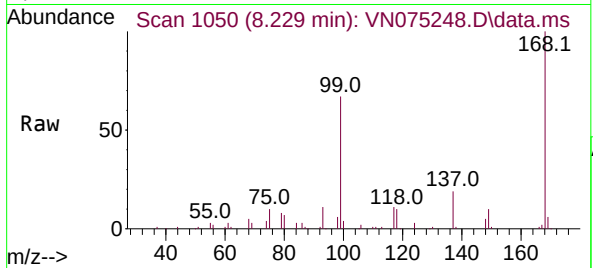




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

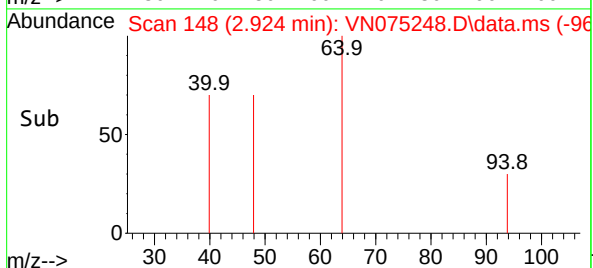
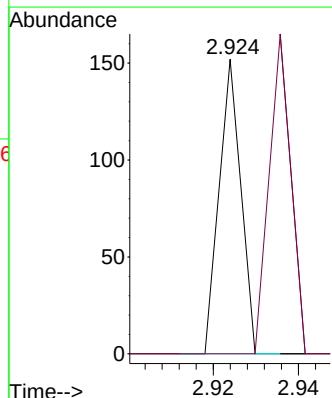
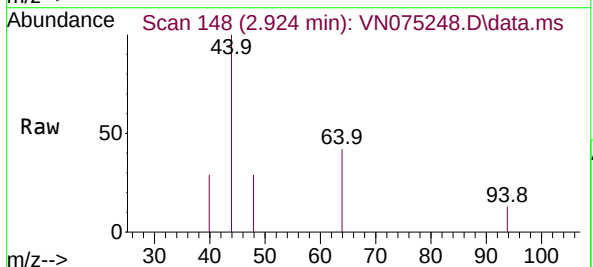
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

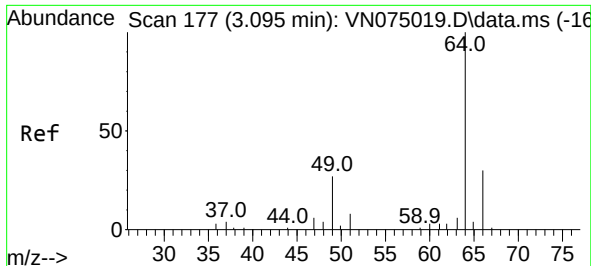
Tgt Ion:168 Resp: 102637
Ion Ratio Lower Upper
168 100
99 66.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

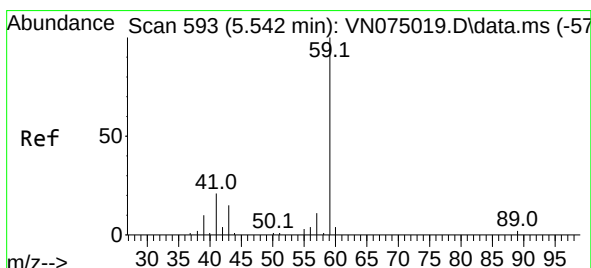
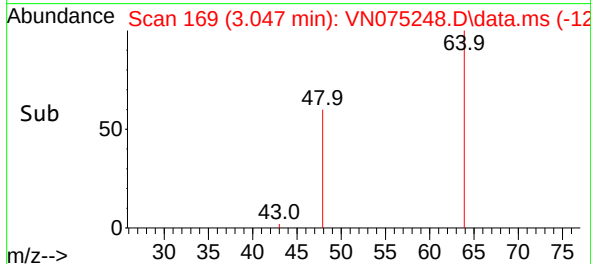
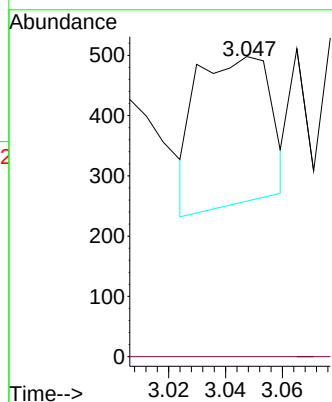
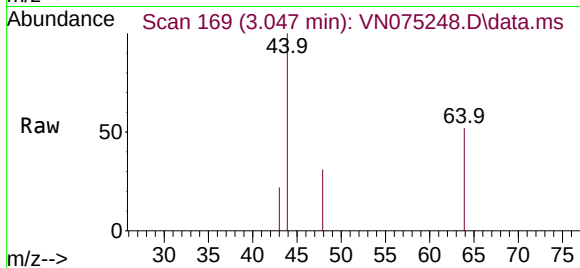




#6
Chloroethane
Concen: 0.306 ug/l
RT: 3.047 min Scan# 1
Delta R.T. -0.048 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

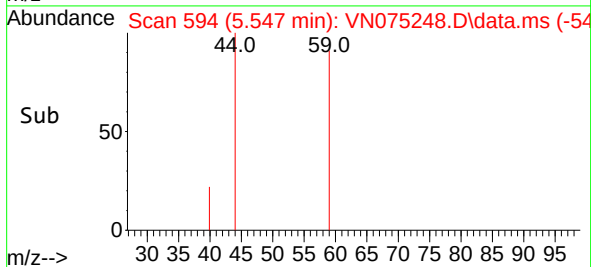
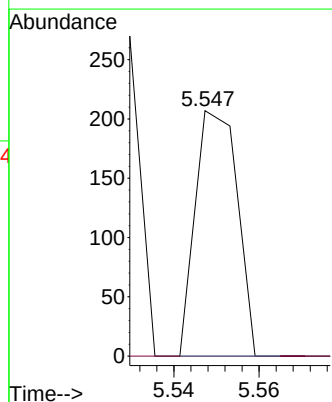
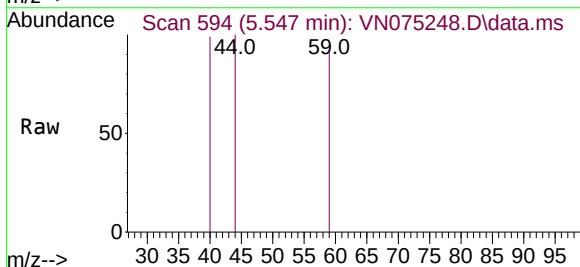
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

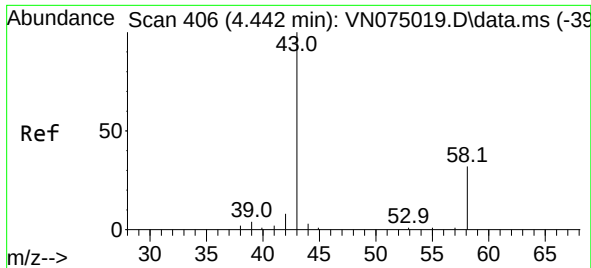
Tgt Ion: 64 Resp: 444
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.437 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.005 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

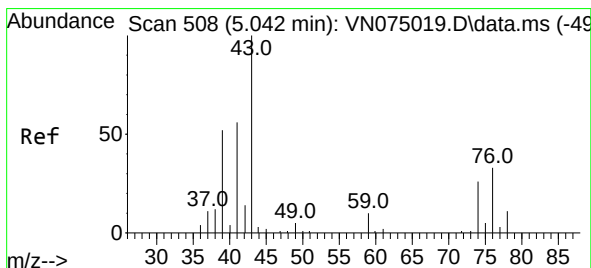
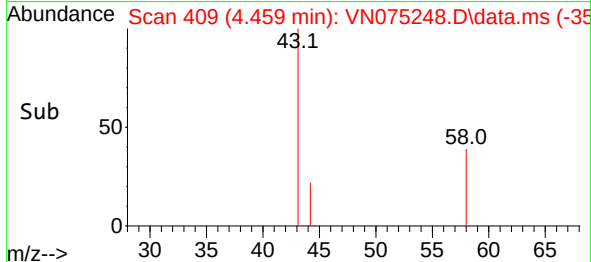
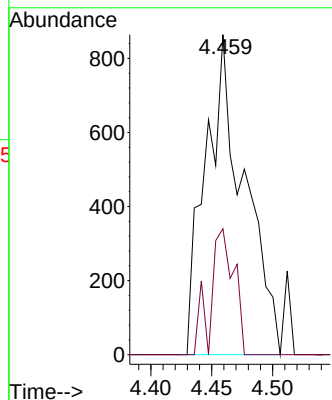
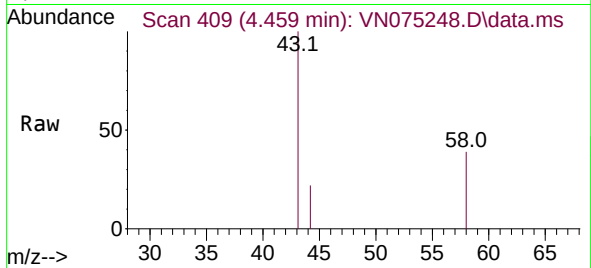




#16
Acetone
Concen: 3.258 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.017 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

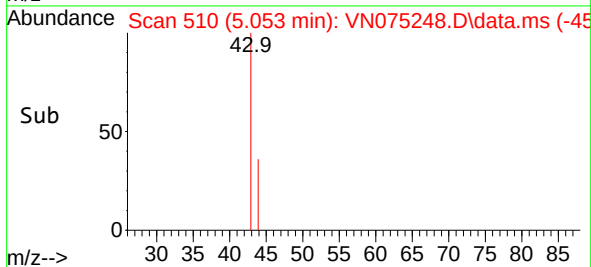
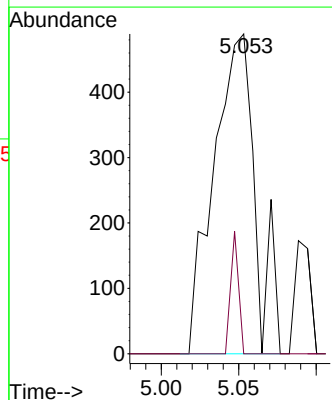
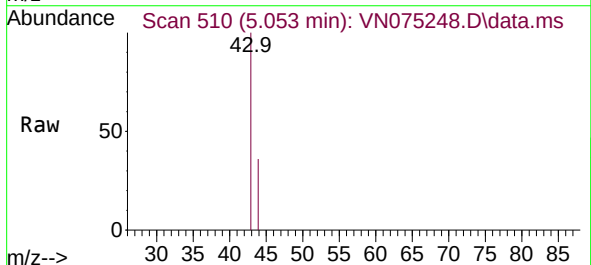
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

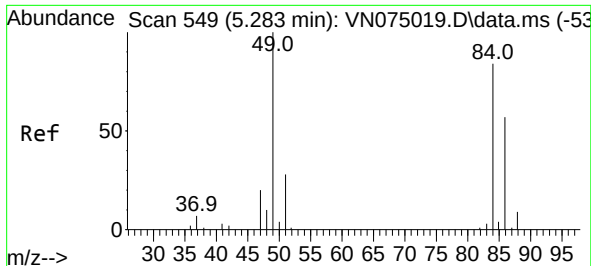
Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 39.4 25.5 38.3#



#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.011 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
74 7.2 22.0 33.0#

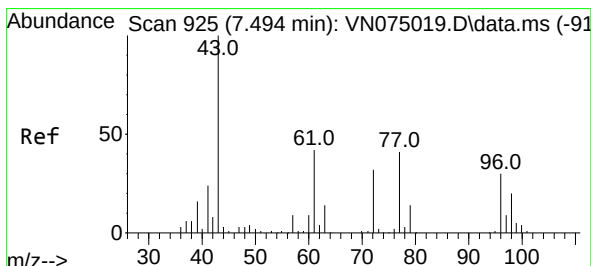
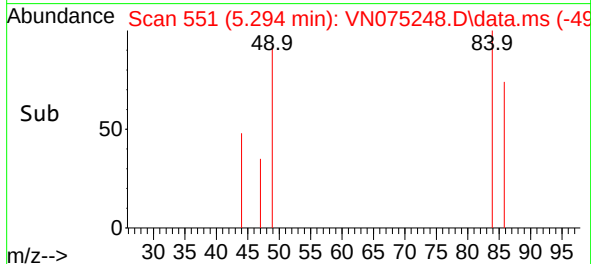
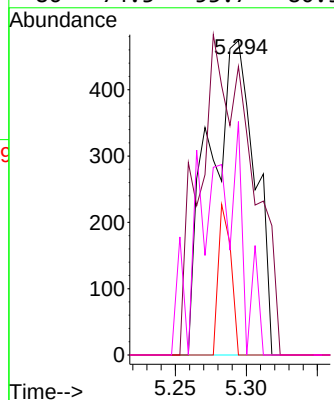
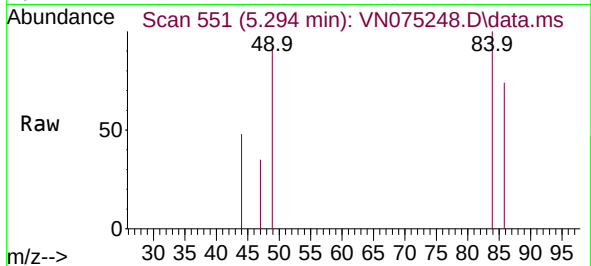




#20
Methylene Chloride
Concen: 0.810 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

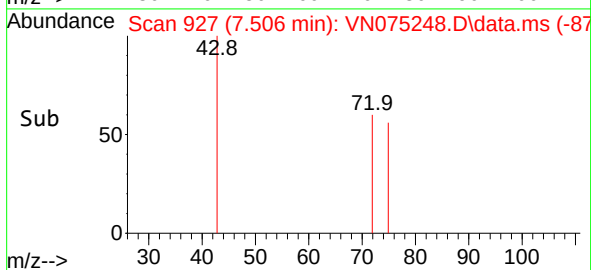
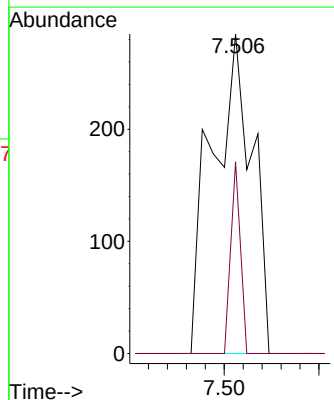
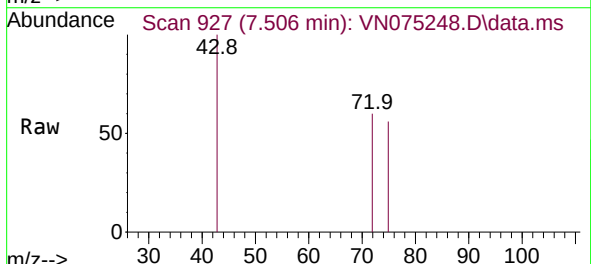
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

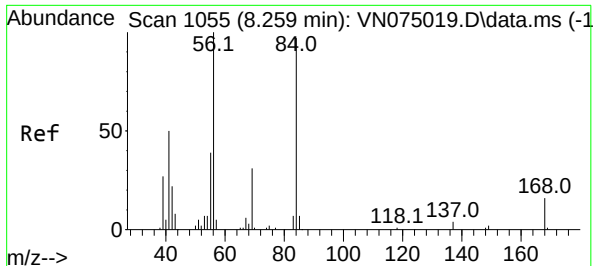
Tgt Ion:	84	Resp:	1058
Ion	Ratio	Lower	Upper
84	100		
49	91.8	94.9	142.3#
51	0.0	26.8	40.2#
86	74.3	53.7	80.5



#25
2-Butanone
Concen: 0.456 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.012 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion:	43	Resp:	420
Ion	Ratio	Lower	Upper
43	100		
72	60.0	25.5	38.3#





#31

Cyclohexane

Concen: 1.006 ug/l

RT: 8.229 min Scan# 110

Delta R.T. -0.030 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

CLI-0668

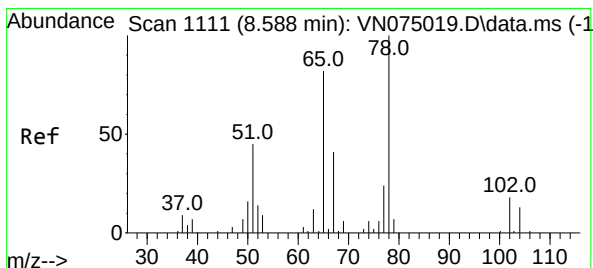
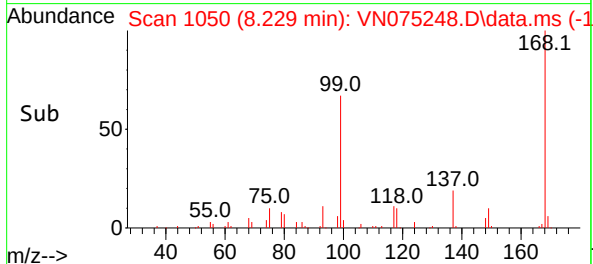
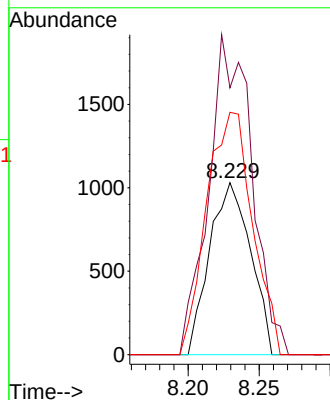
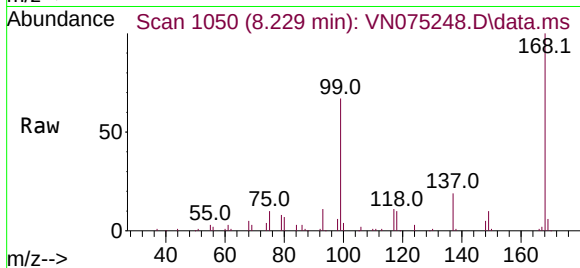
Tgt Ion: 56 Resp: 2070

Ion Ratio Lower Upper

56 100

69 155.2 25.2 37.8#

84 140.9 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 55.781 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075248.D

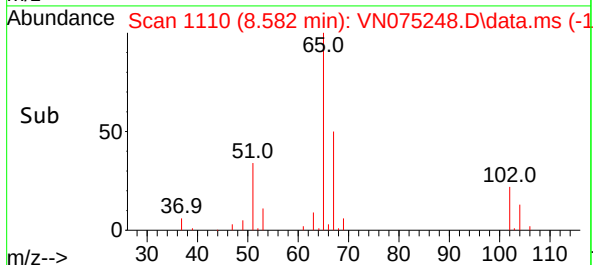
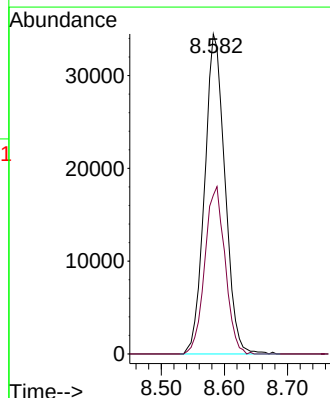
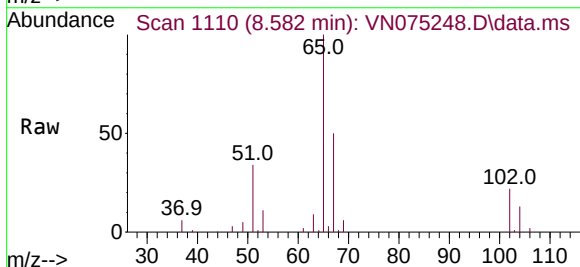
Acq: 11 Nov 2022 15:17

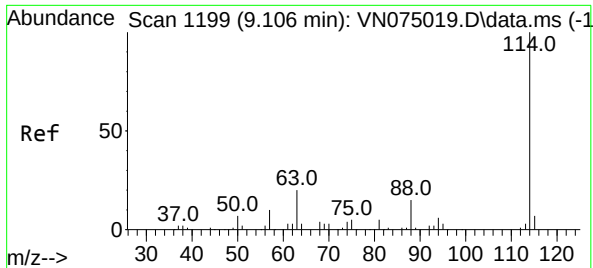
Tgt Ion: 65 Resp: 77140

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.0

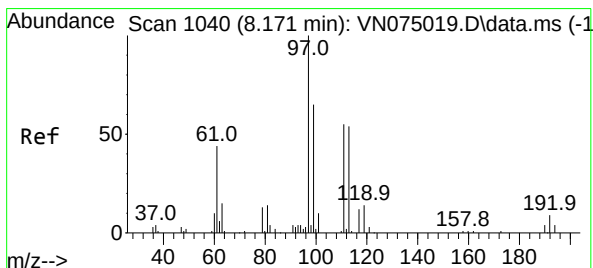
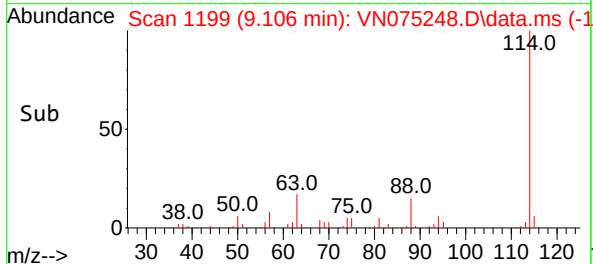
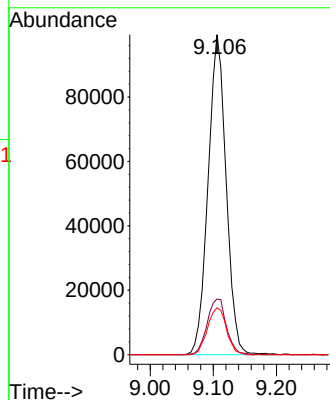
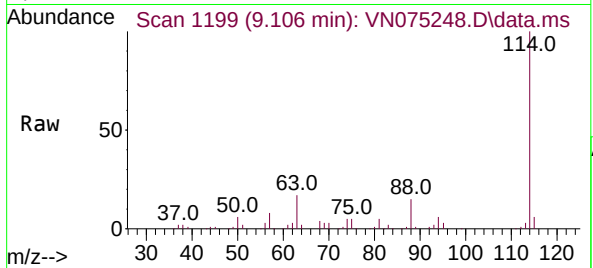




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

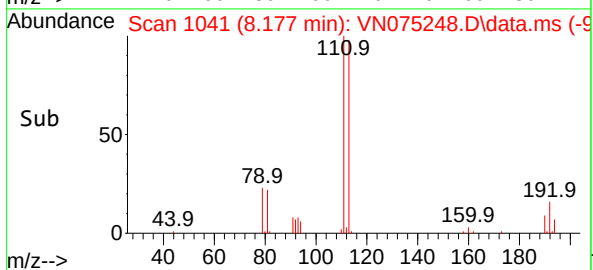
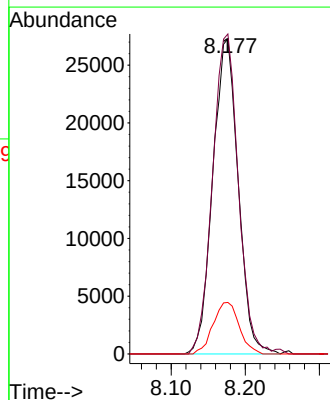
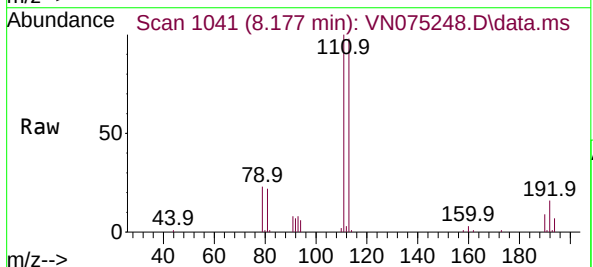
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

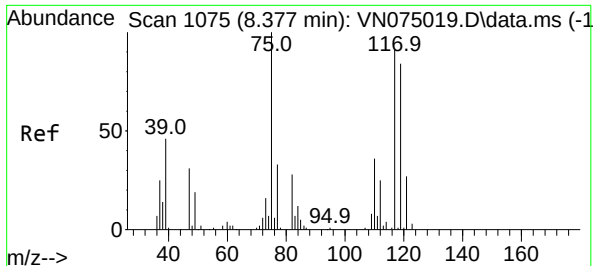
Tgt Ion:114 Resp: 197106
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.6
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 56.030 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion:113 Resp: 64833
Ion Ratio Lower Upper
113 100
111 103.5 80.5 120.7
192 16.8 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.148 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

CLI-0668

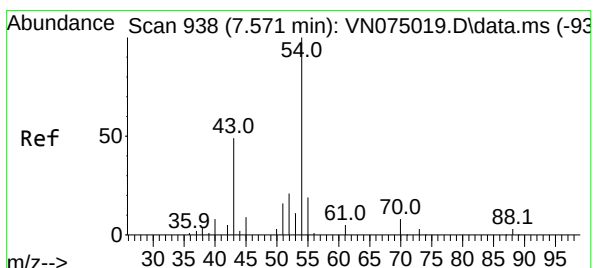
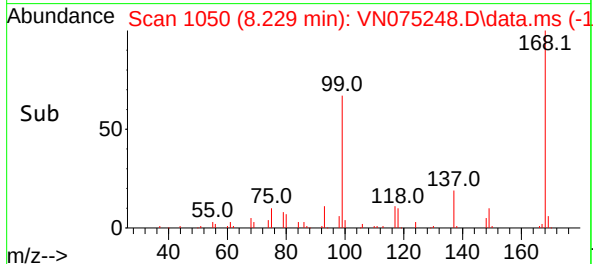
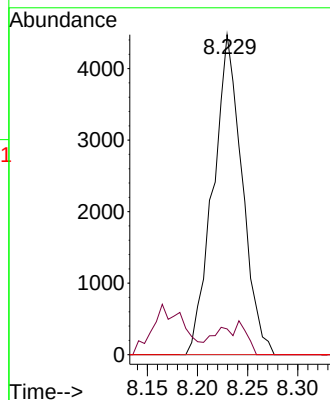
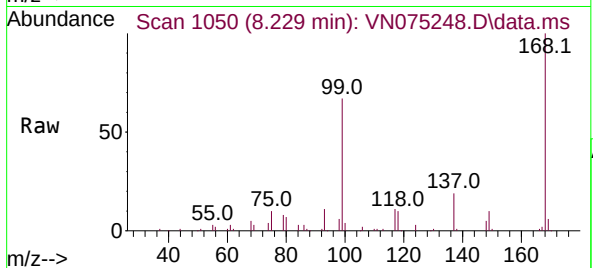
Tgt Ion: 75 Resp: 9014

Ion Ratio Lower Upper

75 100

110 2.7 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.214 ug/l

RT: 7.506 min Scan# 927

Delta R.T. -0.065 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

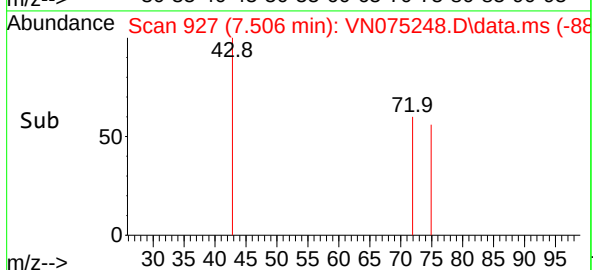
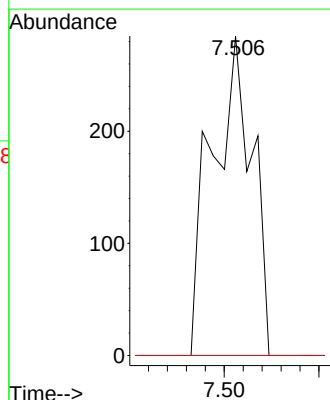
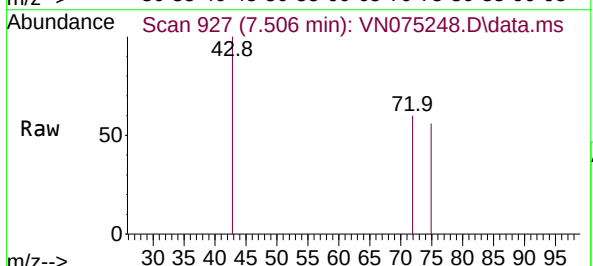
Tgt Ion: 43 Resp: 420

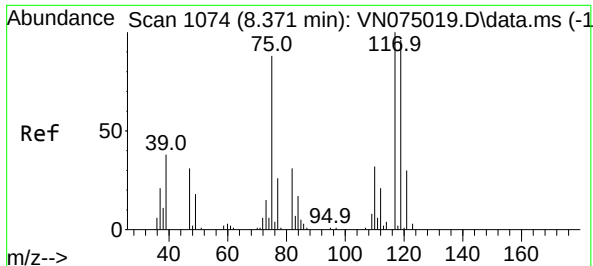
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

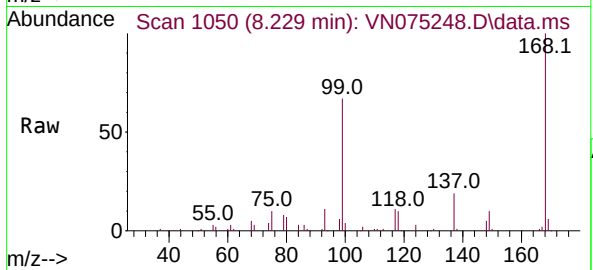
70 0.0 9.4 14.2#



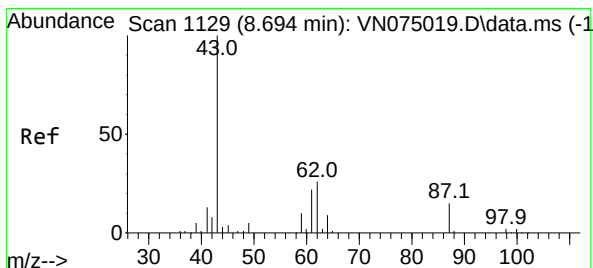
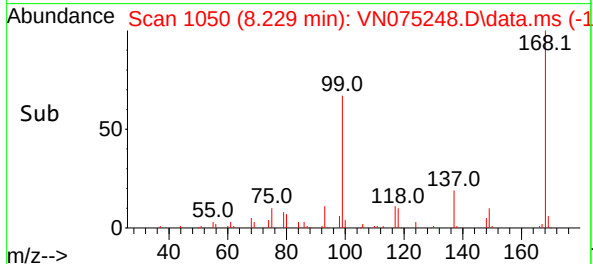
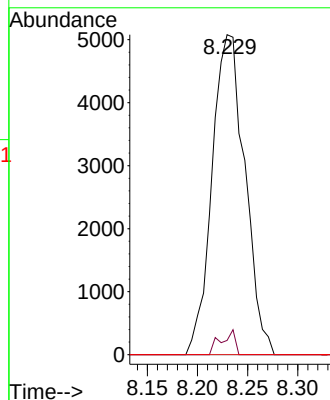


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 8.229 min Scan# 1144
Delta R.T. -0.142 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

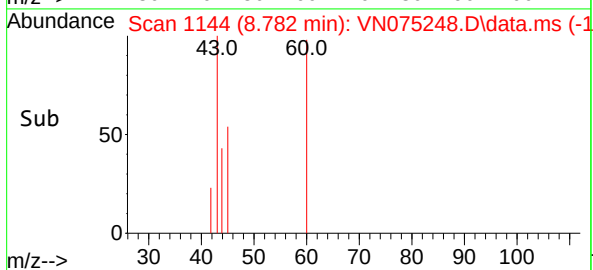
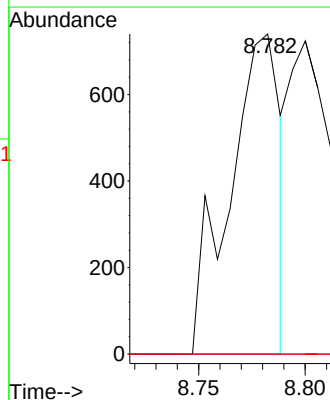
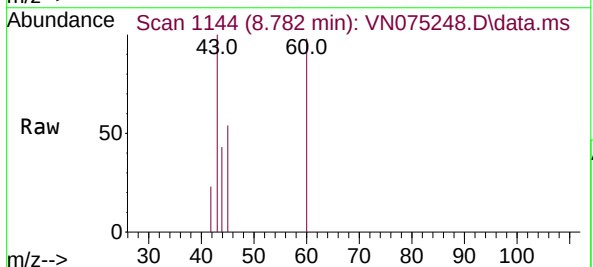


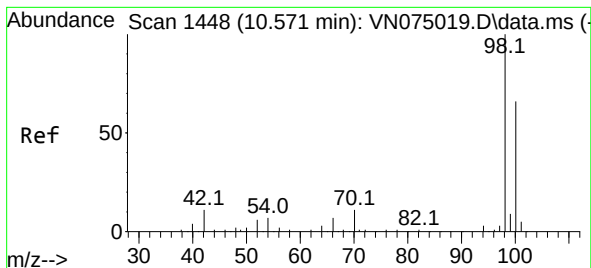
Tgt Ion:117 Resp: 11610
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.403 ug/l
RT: 8.782 min Scan# 1144
Delta R.T. 0.088 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#





#50

Toluene-d8

Concen: 50.134 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

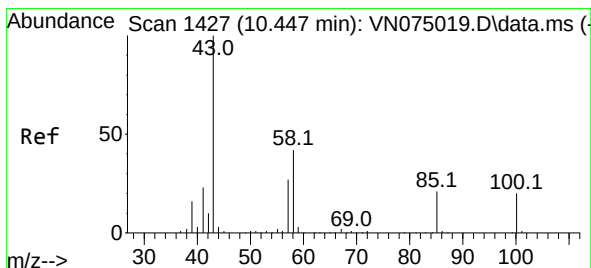
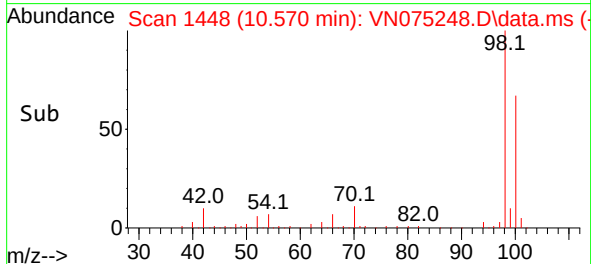
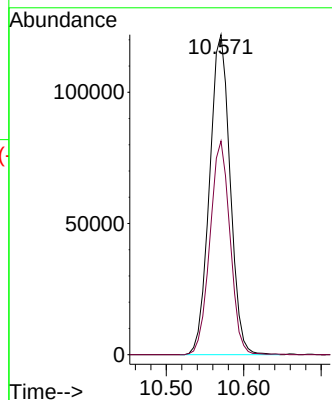
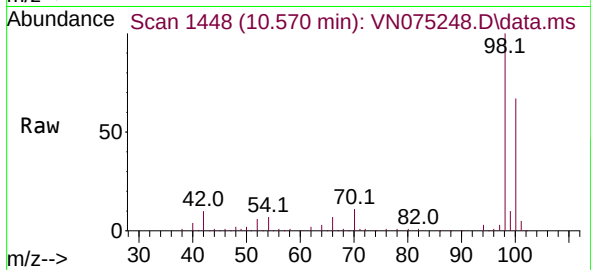
CLI-0668

Tgt Ion: 98 Resp: 225067

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 0.422 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.123 min

Lab File: VN075248.D

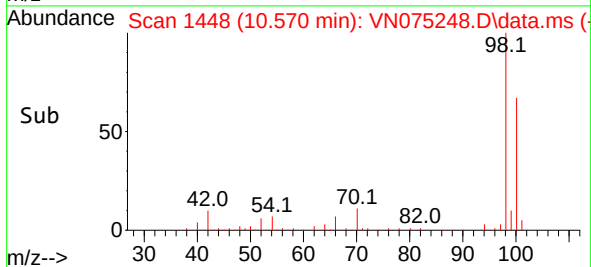
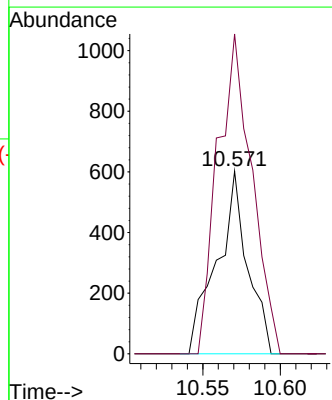
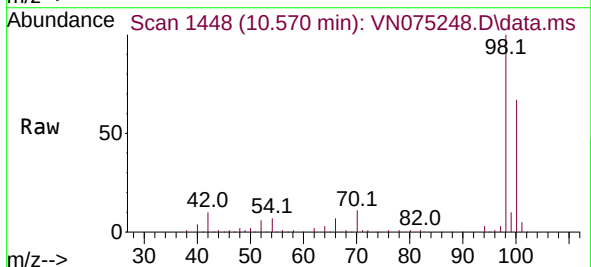
Acq: 11 Nov 2022 15:17

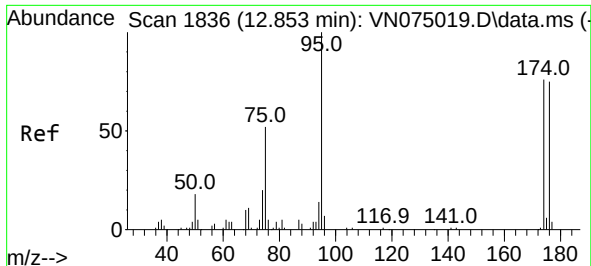
Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

58 194.5 33.6 50.4#

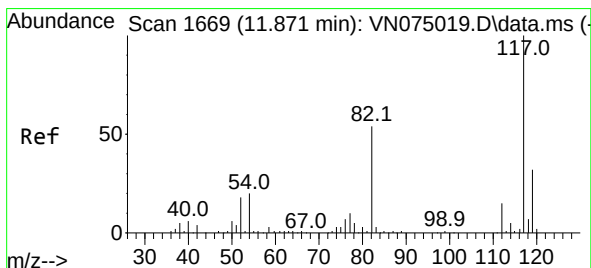
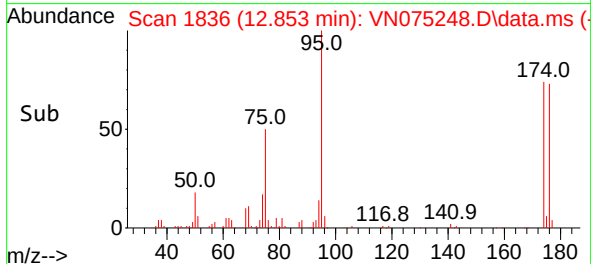
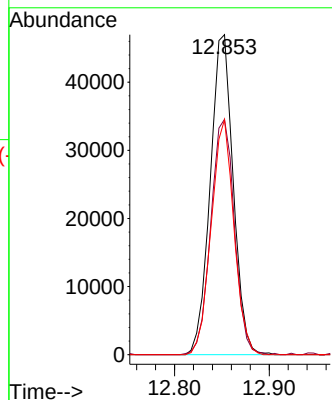
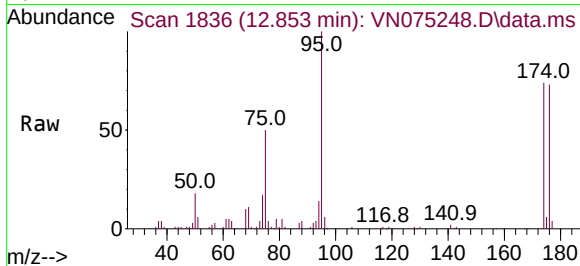




#62
4-Bromofluorobenzene
Concen: 50.190 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

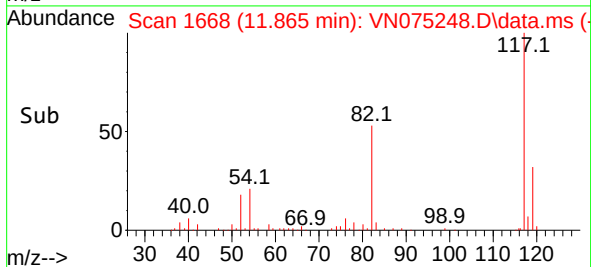
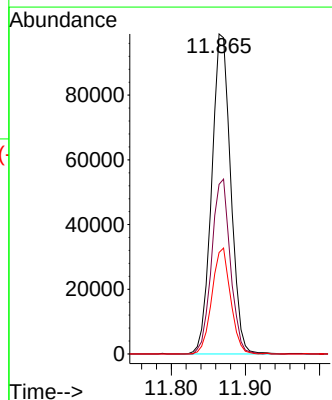
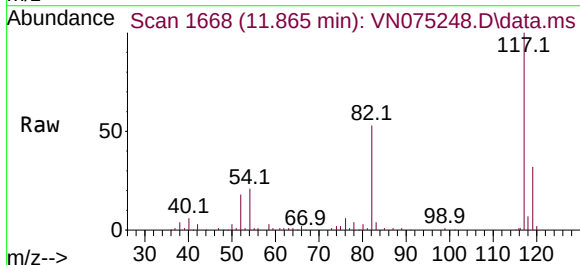
Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

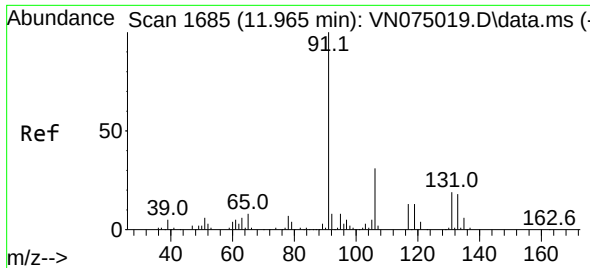
Tgt Ion: 95 Resp: 79150
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 72.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Tgt Ion: 117 Resp: 176625
Ion Ratio Lower Upper
117 100
82 53.0 43.1 64.7
119 31.7 25.5 38.3

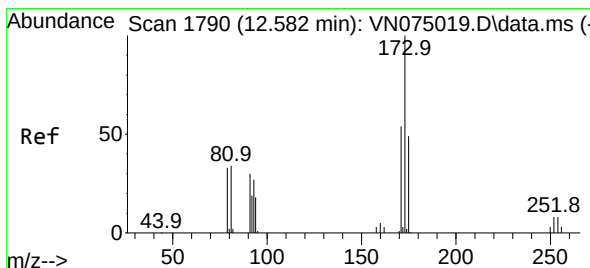
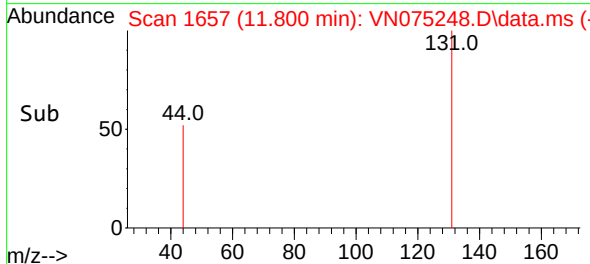
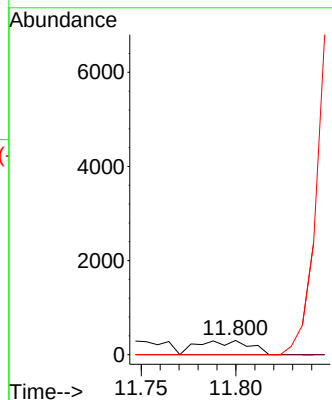
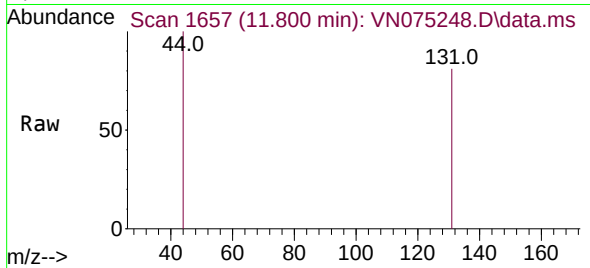




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.406 ug/l
 RT: 11.800 min Scan# 11835
 Delta R.T. -0.165 min
 Lab File: VN075248.D
 Acq: 11 Nov 2022 15:17

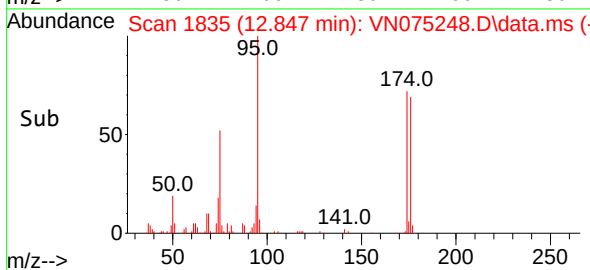
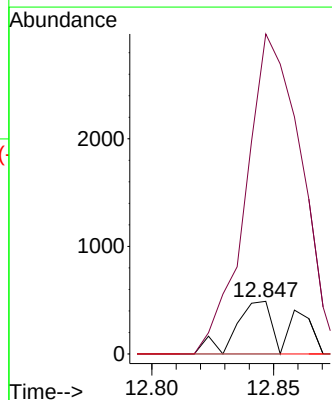
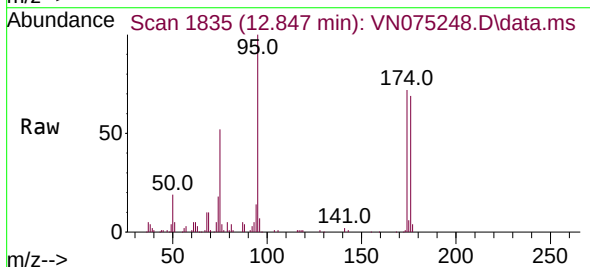
Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0668

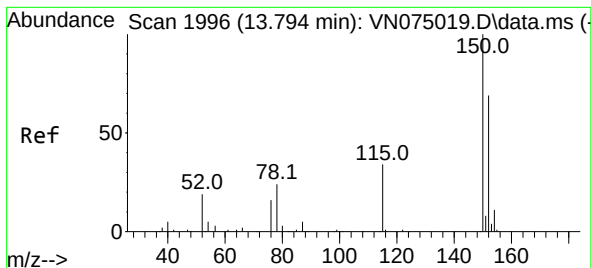
Tgt Ion:131 Resp: 568
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.8 143.4#
 119 0.0 33.0 99.0#



#71
 Bromoform
 Concen: 0.476 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. 0.265 min
 Lab File: VN075248.D
 Acq: 11 Nov 2022 15:17

Tgt Ion:173 Resp: 498
 Ion Ratio Lower Upper
 173 100
 175 808.8 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: VN075248.D

Acq: 11 Nov 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

CLI-0668

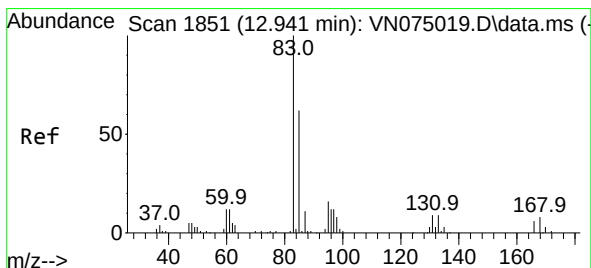
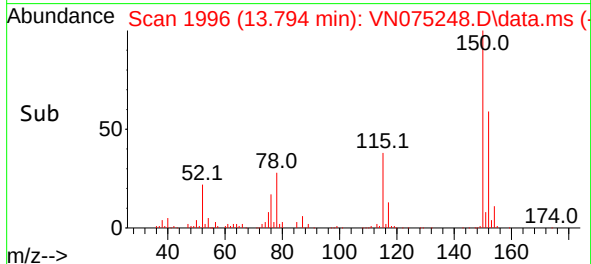
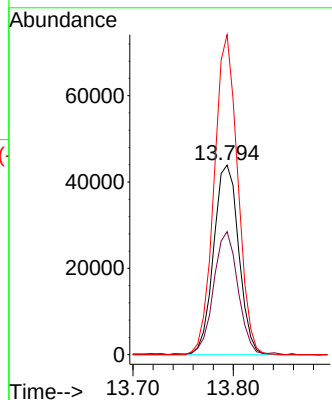
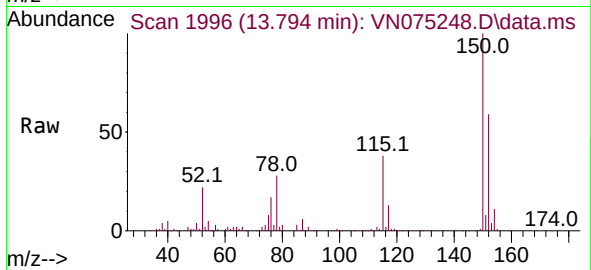
Tgt Ion:152 Resp: 76101

Ion Ratio Lower Upper

152 100

115 64.1 30.2 90.6

150 158.9 0.0 348.4



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.917 min Scan# 1847

Delta R.T. -0.024 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

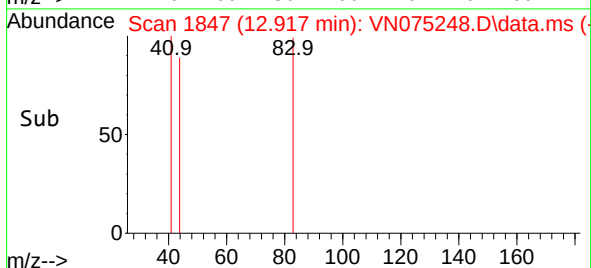
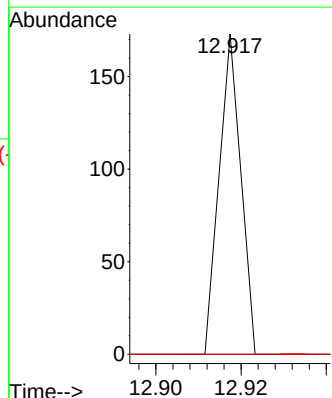
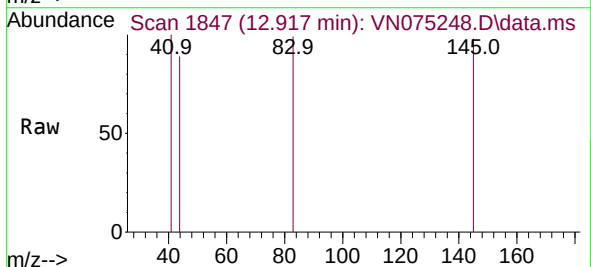
Tgt Ion: 83 Resp: 61

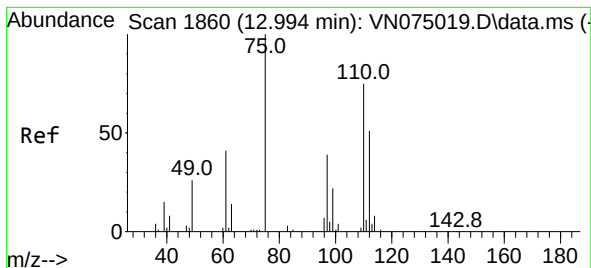
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 31.6 94.7#





#76

1,2,3-Trichloropropane

Concen: 25.834 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

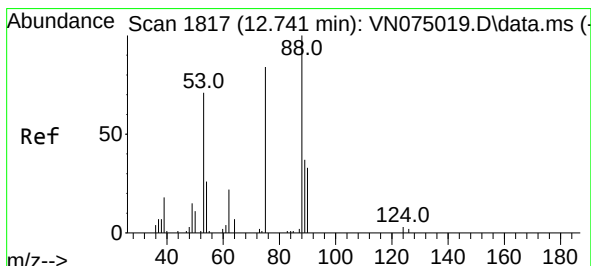
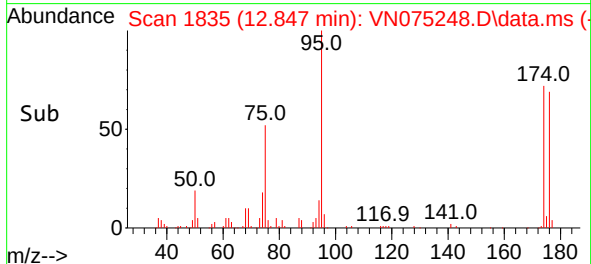
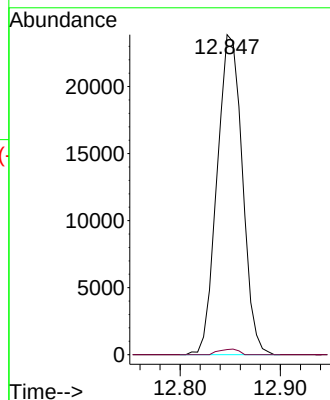
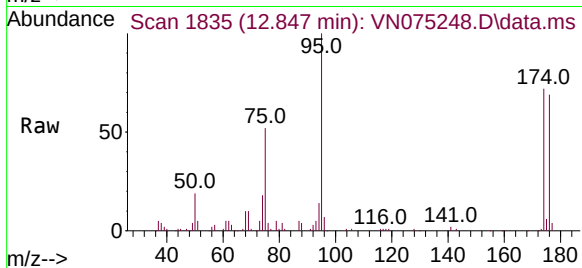
CLI-0668

Tgt Ion: 75 Resp: 41743

Ion Ratio Lower Upper

75 100

77 1.4 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.315 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075248.D

Acq: 11 Nov 2022 15:17

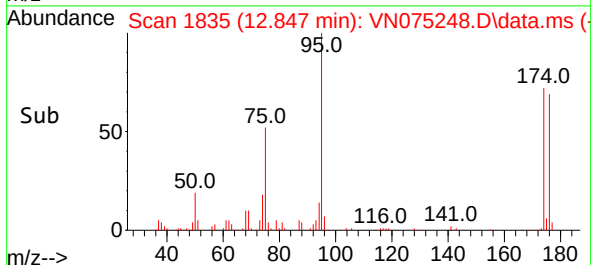
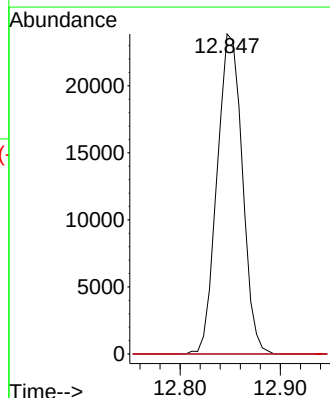
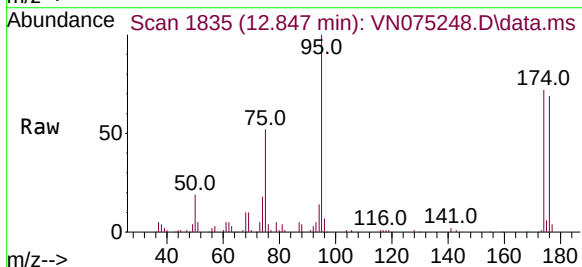
Tgt Ion: 75 Resp: 41743

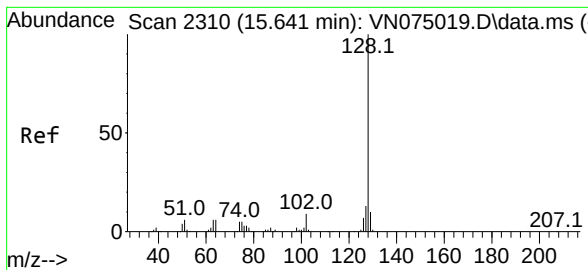
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#





#95
Naphthalene
Concen: 0.290 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075248.D
Acq: 11 Nov 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
CLI-0668

Tgt Ion:128 Resp: 1257
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

