

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075903.D
 Acq On : 20 Dec 2022 16:59
 Operator : JC\MD
 Sample : N6161-14 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLI-0669

Quant Time: Dec 21 01:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

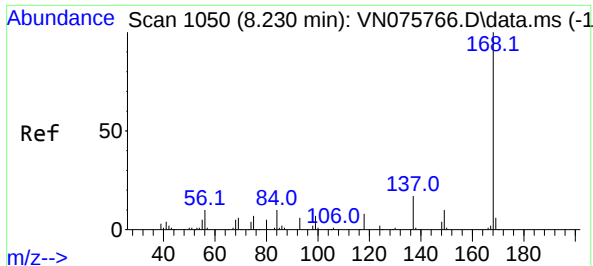
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	396627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202159	46.851	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.700%
35) Dibromofluoromethane	8.177	113	182333	47.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	10.571	98	707304	49.418	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.853	95	220136	46.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	396	0.266	ug/l #	85
20) Methylene Chloride	5.277	84	1134	Below Cal	#	63
31) Cyclohexane	8.230	56	7284	1.179	ug/l #	30
36) 1,1-Dichloropropene	8.236	75	27015	5.312	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37381	6.568	ug/l #	16
43) Isopropyl Acetate	8.724	43	6143	0.912	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2749	0.675	ug/l #	1
71) Bromoform	12.853	173	1787	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	110752	25.793	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	110752	92.840	ug/l #	12
95) Naphthalene	15.641	128	744	2.239	ug/l #	69

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

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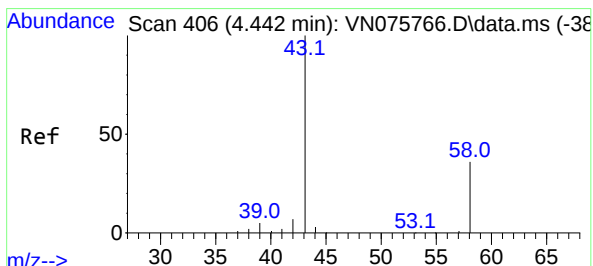
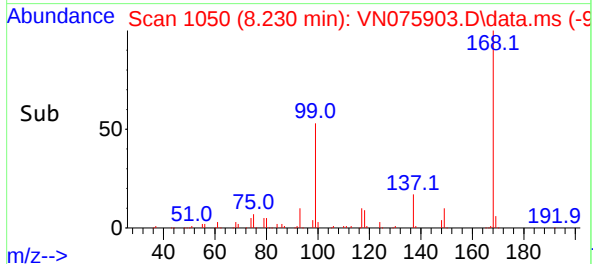
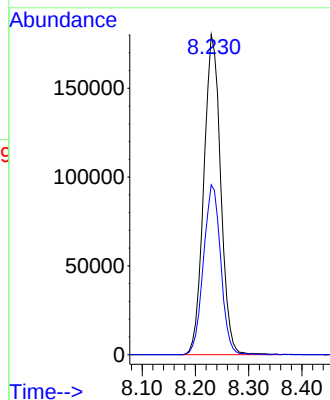
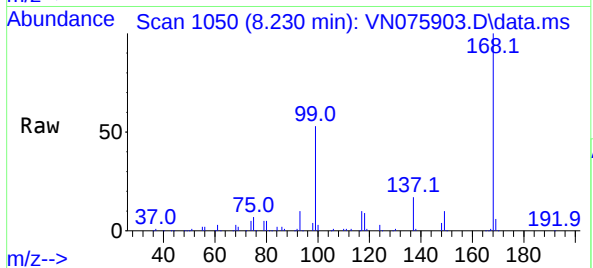




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

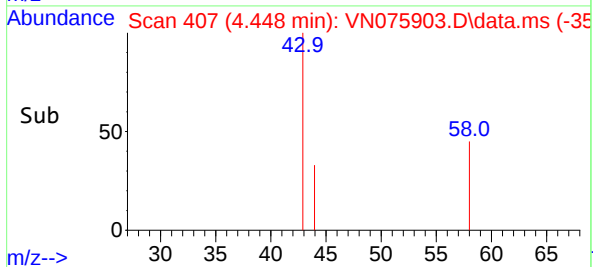
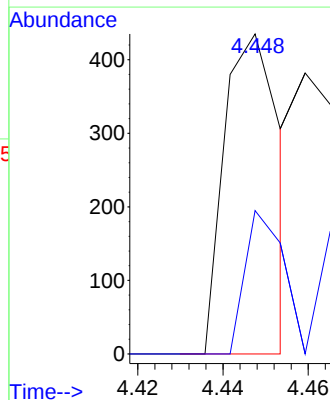
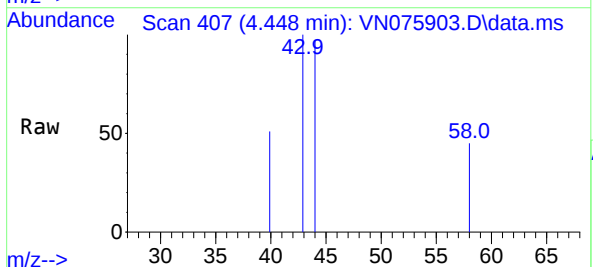
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

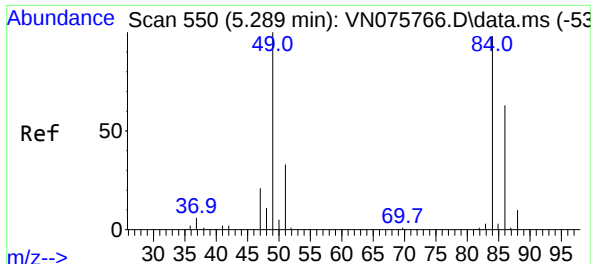
Tgt Ion:168 Resp: 396627
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#16
Acetone
Concen: 0.266 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 44.8 28.6 43.0#

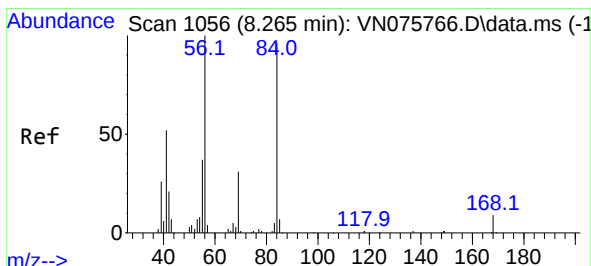
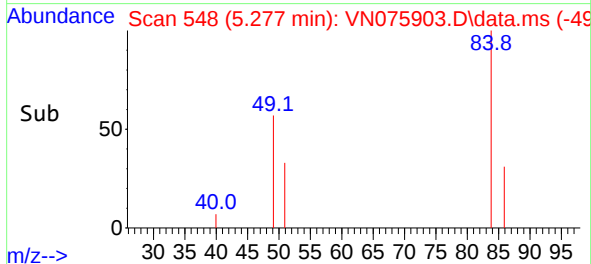
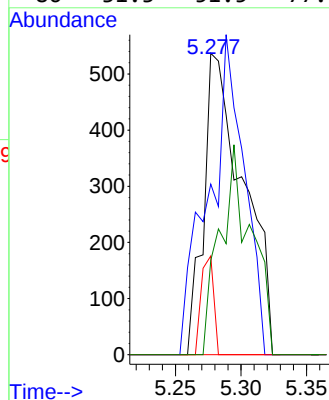
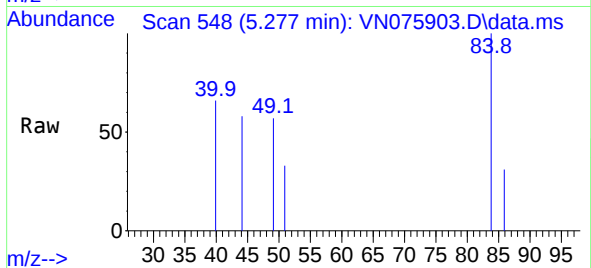




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

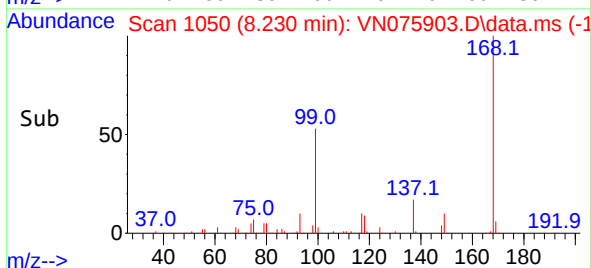
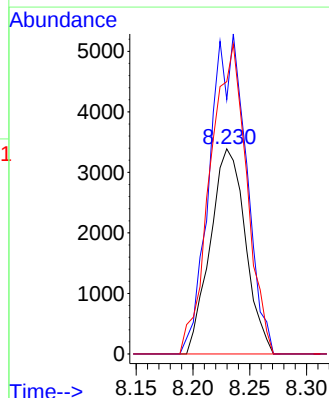
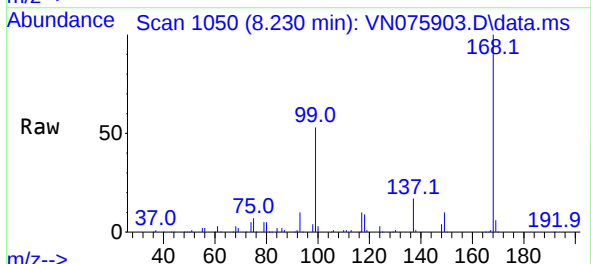
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

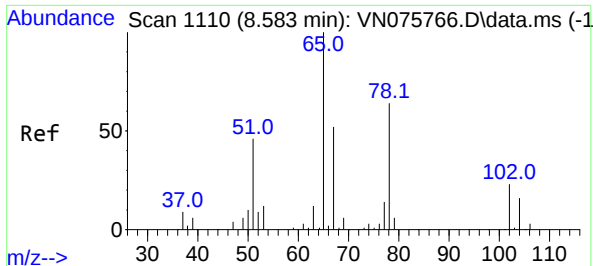
Tgt Ion:	84	Resp:	1134
Ion	Ratio	Lower	Upper
84	100		
49	56.6	81.8	122.6#
51	32.8	26.7	40.1
86	31.3	51.5	77.3#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion:	56	Resp:	7284
Ion	Ratio	Lower	Upper
56	100		
69	124.0	24.7	37.1#
84	132.8	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.851 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075903.D

Acq: 20 Dec 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

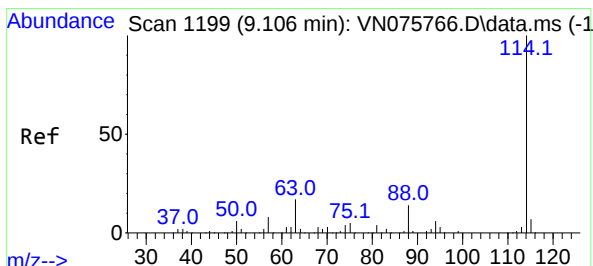
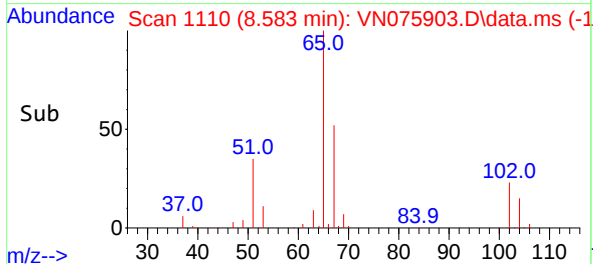
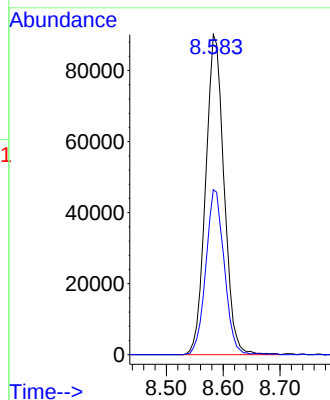
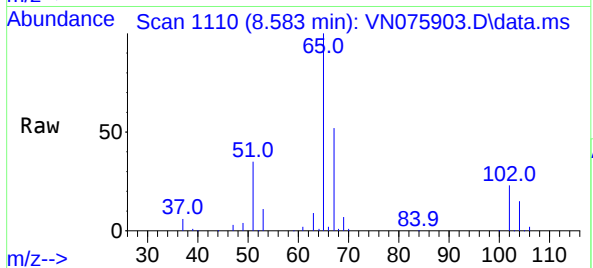
CLI-0669

Tgt Ion: 65 Resp: 202159

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075903.D

Acq: 20 Dec 2022 16:59

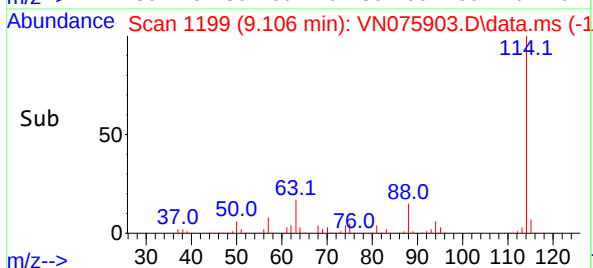
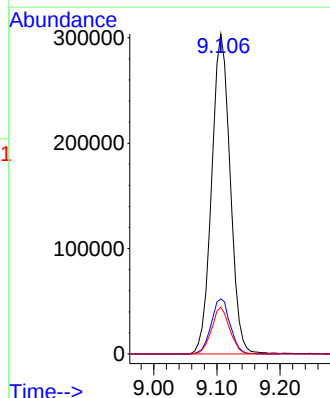
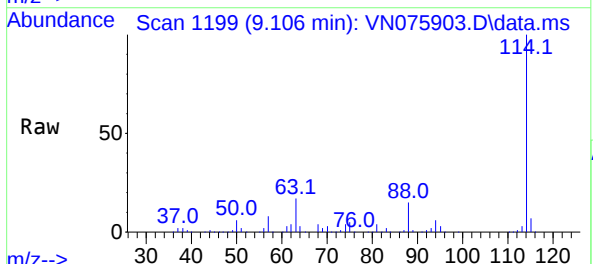
Tgt Ion: 114 Resp: 618146

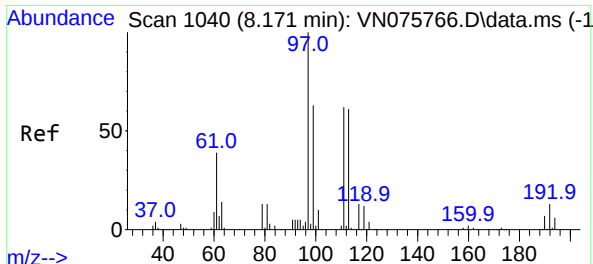
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.6 0.0 28.8

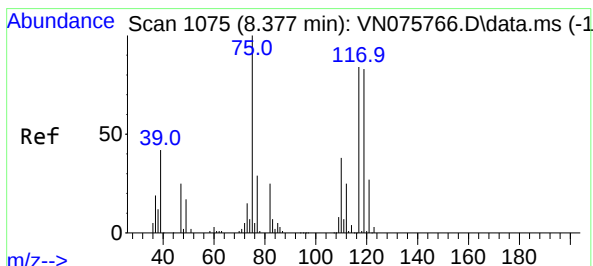
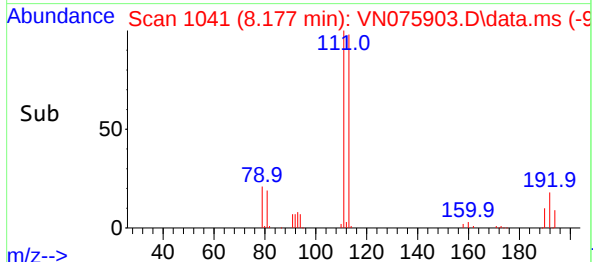
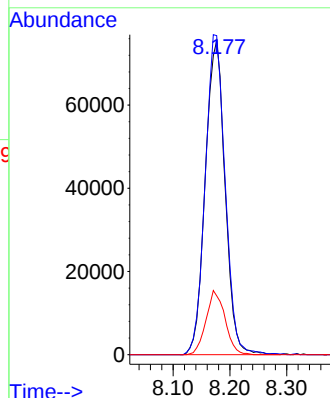
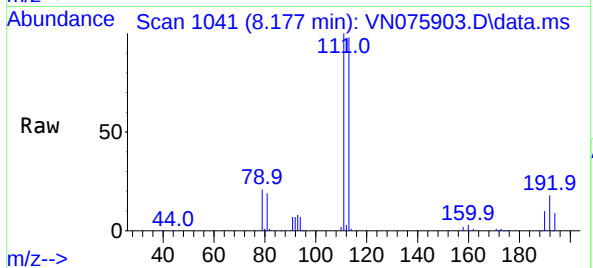




#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

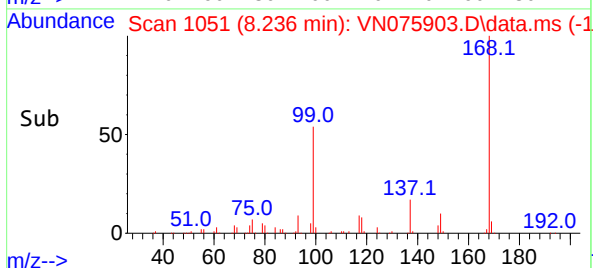
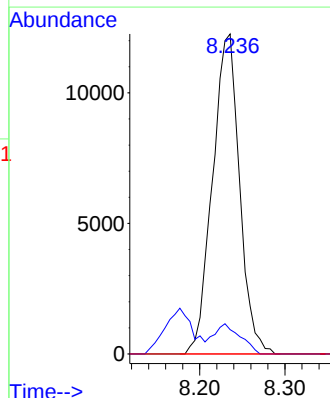
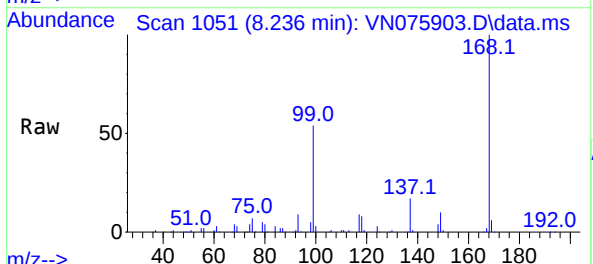
Instrument :
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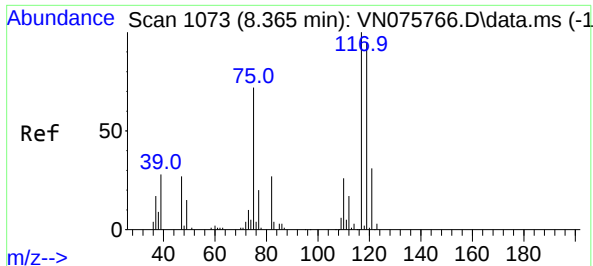
Tgt Ion:113 Resp: 182333
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion: 75 Resp: 27015
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 24.1 36.1#

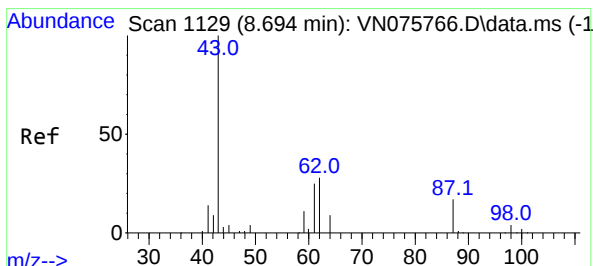
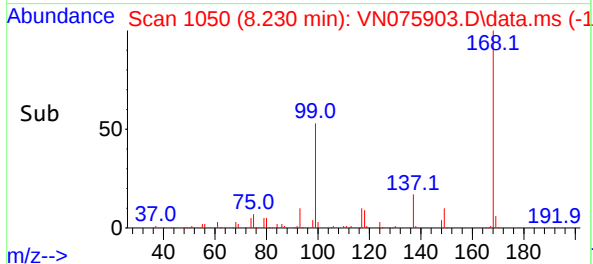
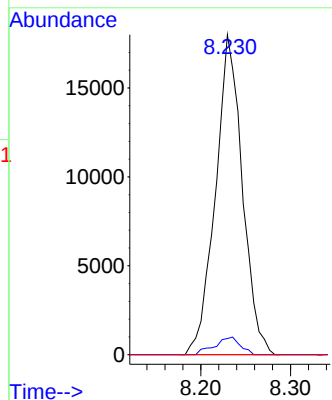
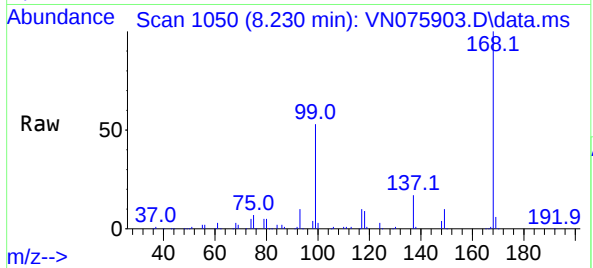




#38
Carbon Tetrachloride
Concen: 6.568 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

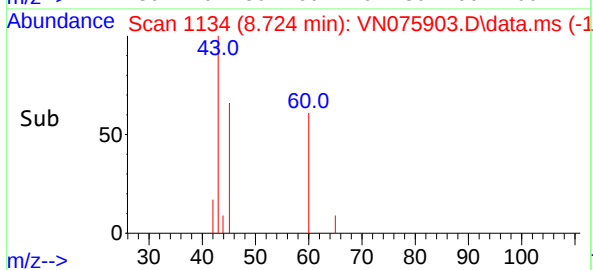
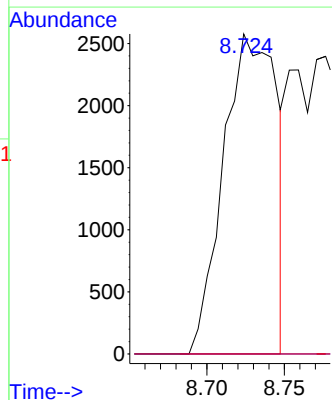
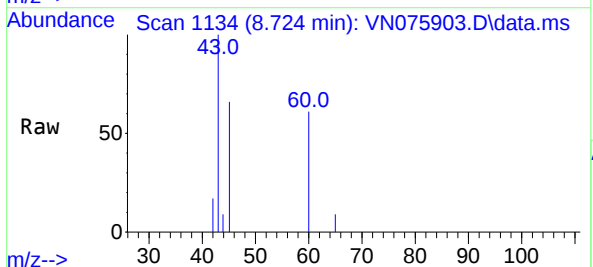
Instrument :
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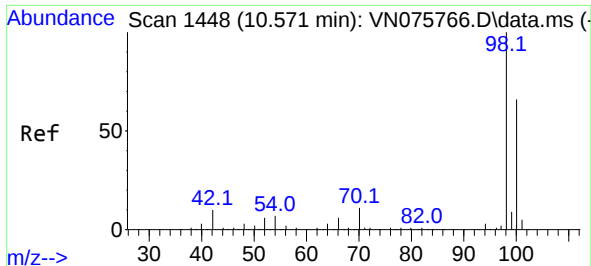
Tgt Ion:117 Resp: 37381
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.912 ug/l
RT: 8.724 min Scan# 1134
Delta R.T. 0.029 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion: 43 Resp: 6143
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

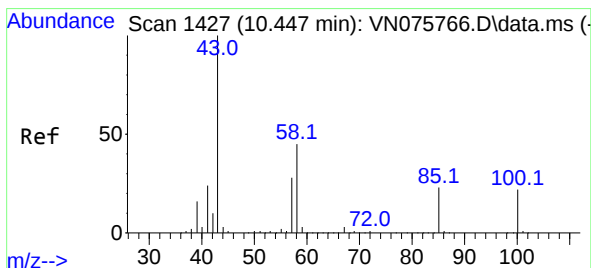
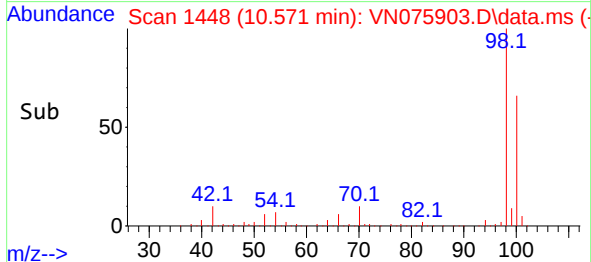
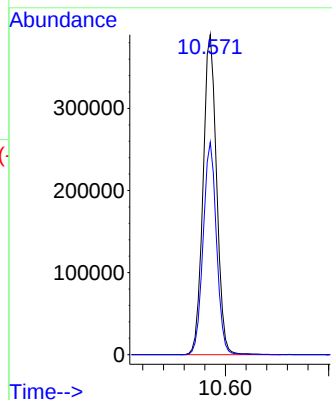
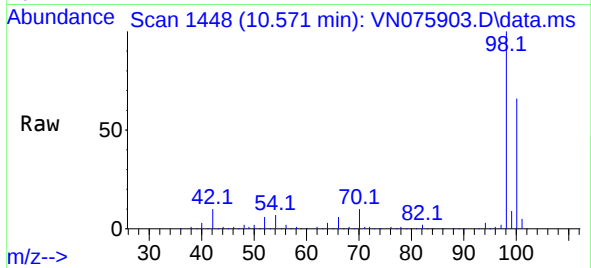




#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

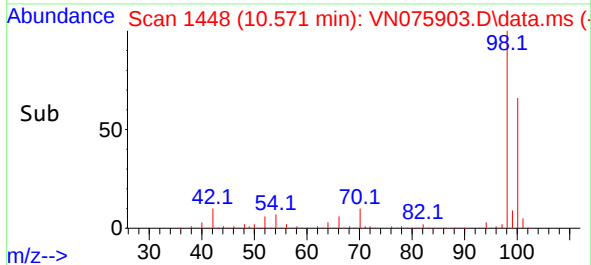
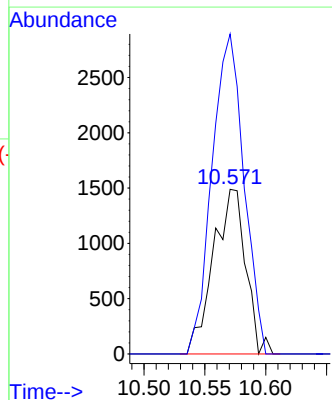
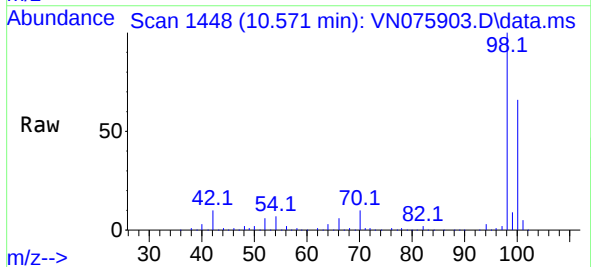
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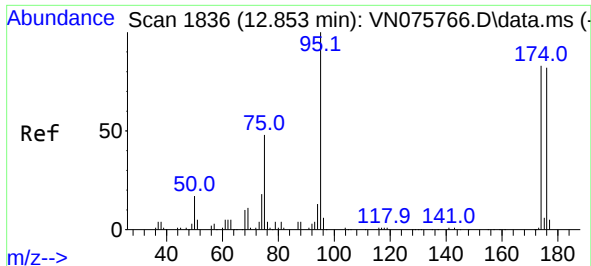
Tgt Ion: 98 Resp: 707304
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.675 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 192.4 35.5 53.3#

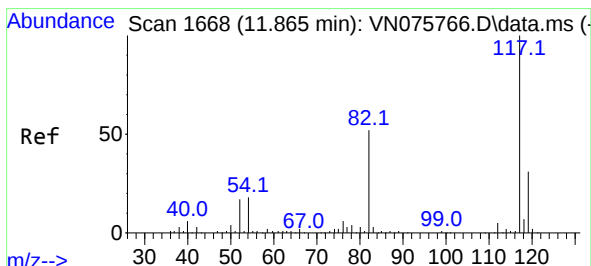
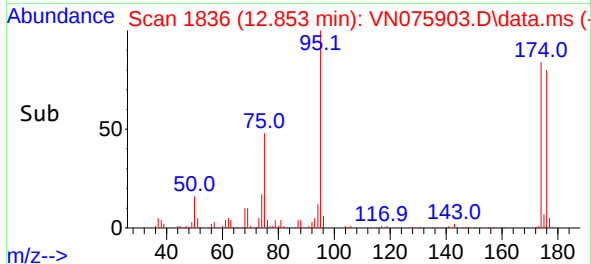
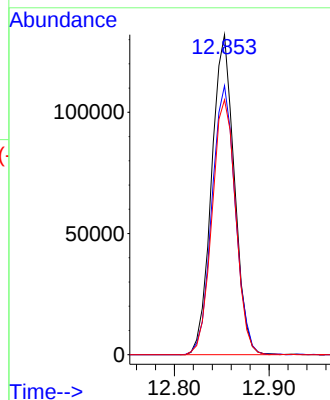
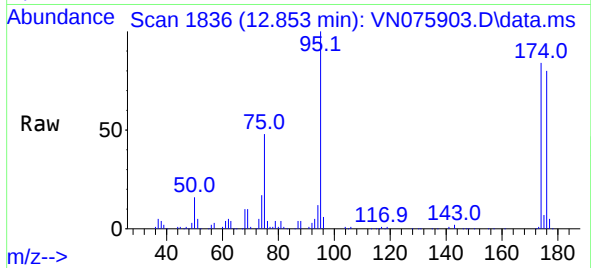




#62
4-Bromofluorobenzene
Concen: 46.437 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

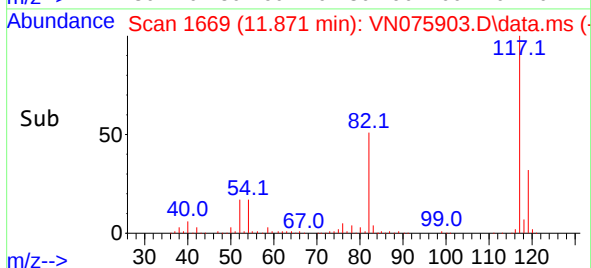
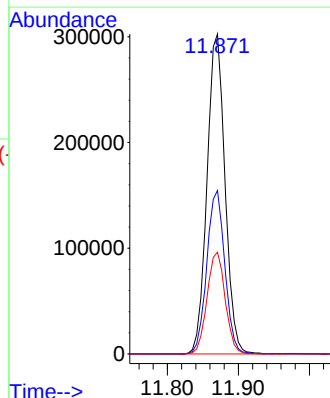
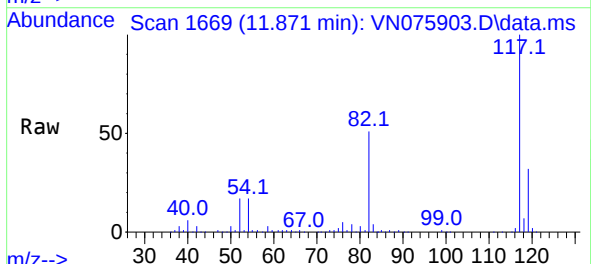
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

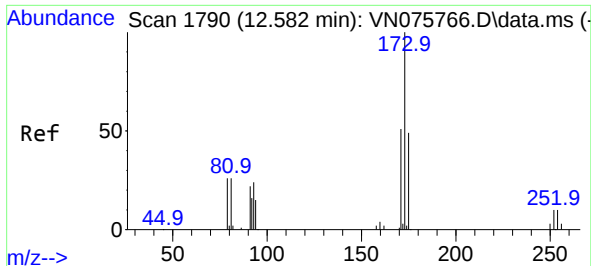
Tgt Ion: 95 Resp: 220136
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 82.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion: 117 Resp: 533196
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 31.8 24.6 37.0

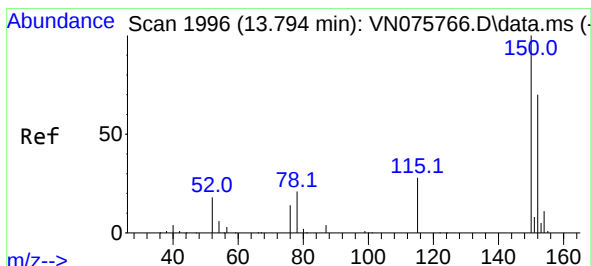
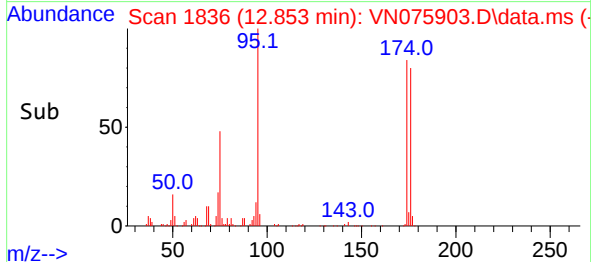
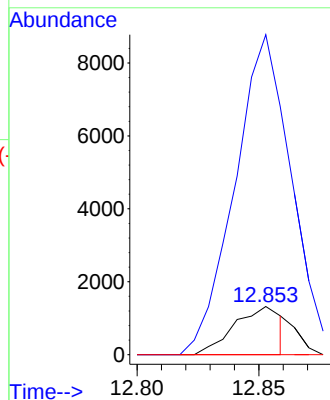
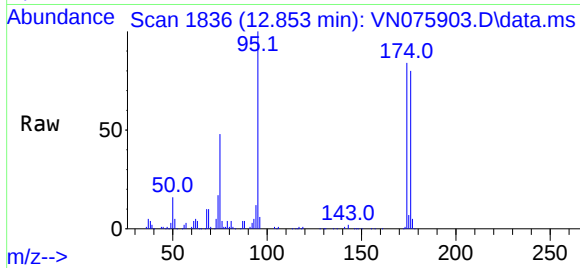




#71
Bromoform
Concen: 0.606 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

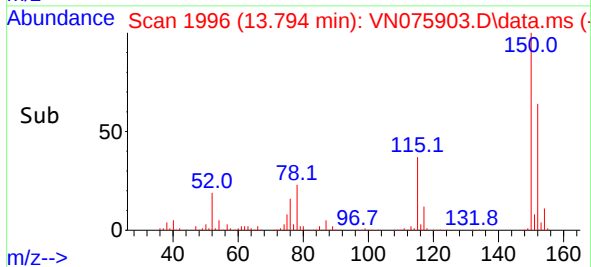
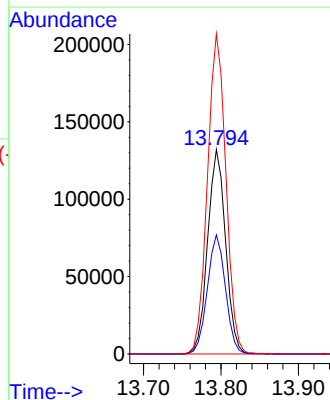
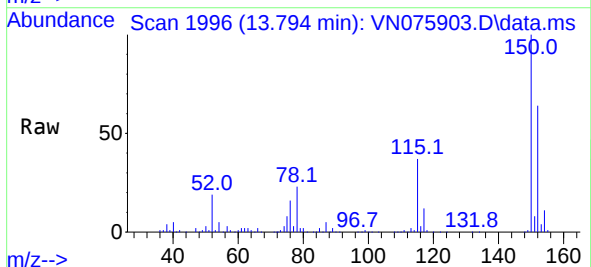
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

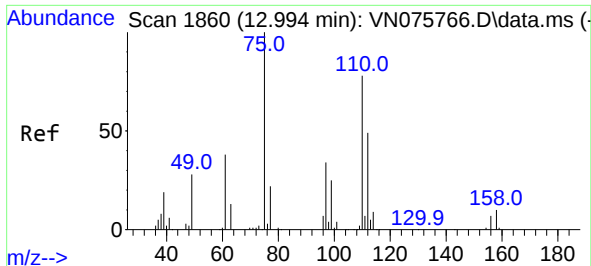
Tgt Ion:173 Resp: 1787
Ion Ratio Lower Upper
173 100
175 649.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Tgt Ion:152 Resp: 213019
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 160.9 0.0 347.0

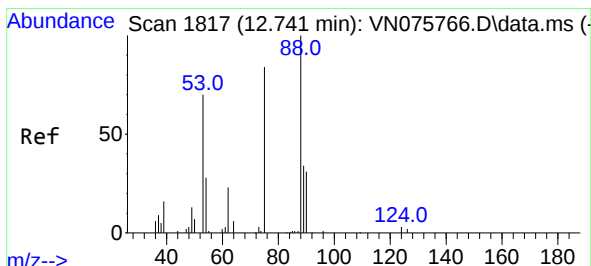
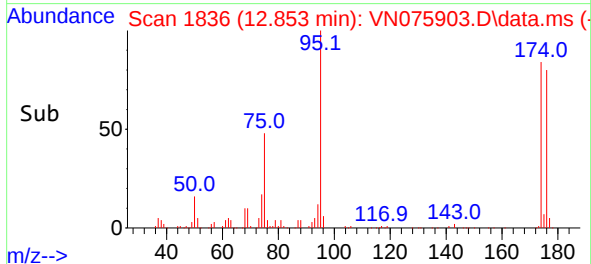
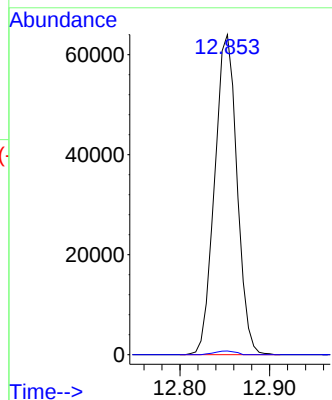
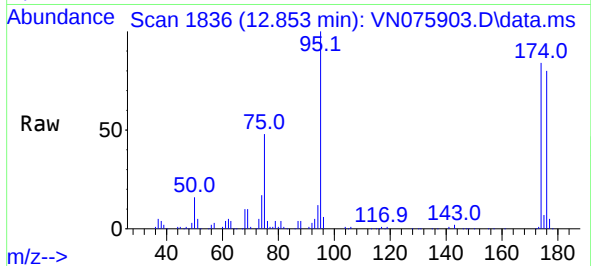




#76
1,2,3-Trichloropropane
Concen: 25.793 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

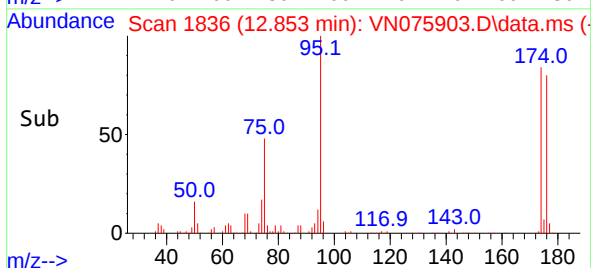
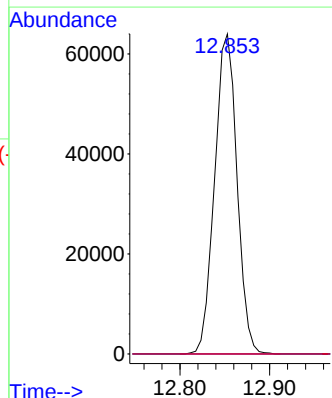
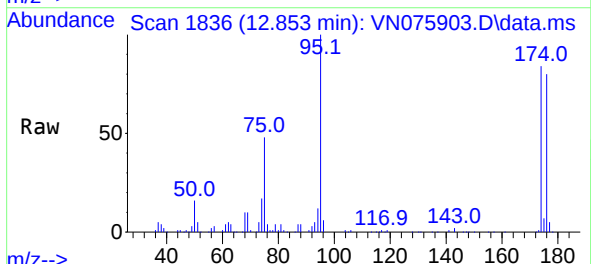
Instrument :
MSVOA_N
ClientSampleId :
CLI-0669

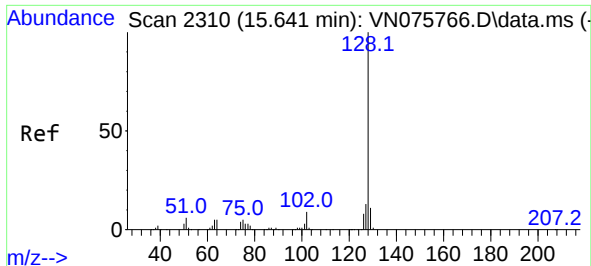
Tgt Ion: 75 Resp: 110752
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.840 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

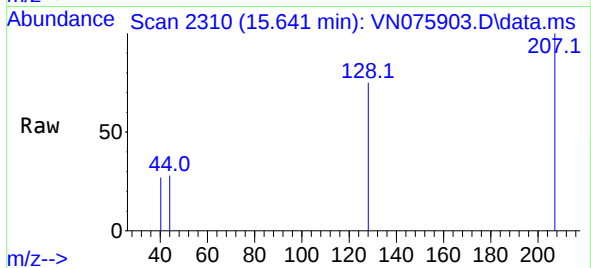
Tgt Ion: 75 Resp: 110752
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.239 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075903.D
Acq: 20 Dec 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
CLI-0669



Tgt Ion:128 Resp: 744
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

