

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075928.D
 Acq On : 21 Dec 2022 18:41
 Operator : JC\MD
 Sample : N6168-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1842

Quant Time: Dec 22 03:05:06 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)

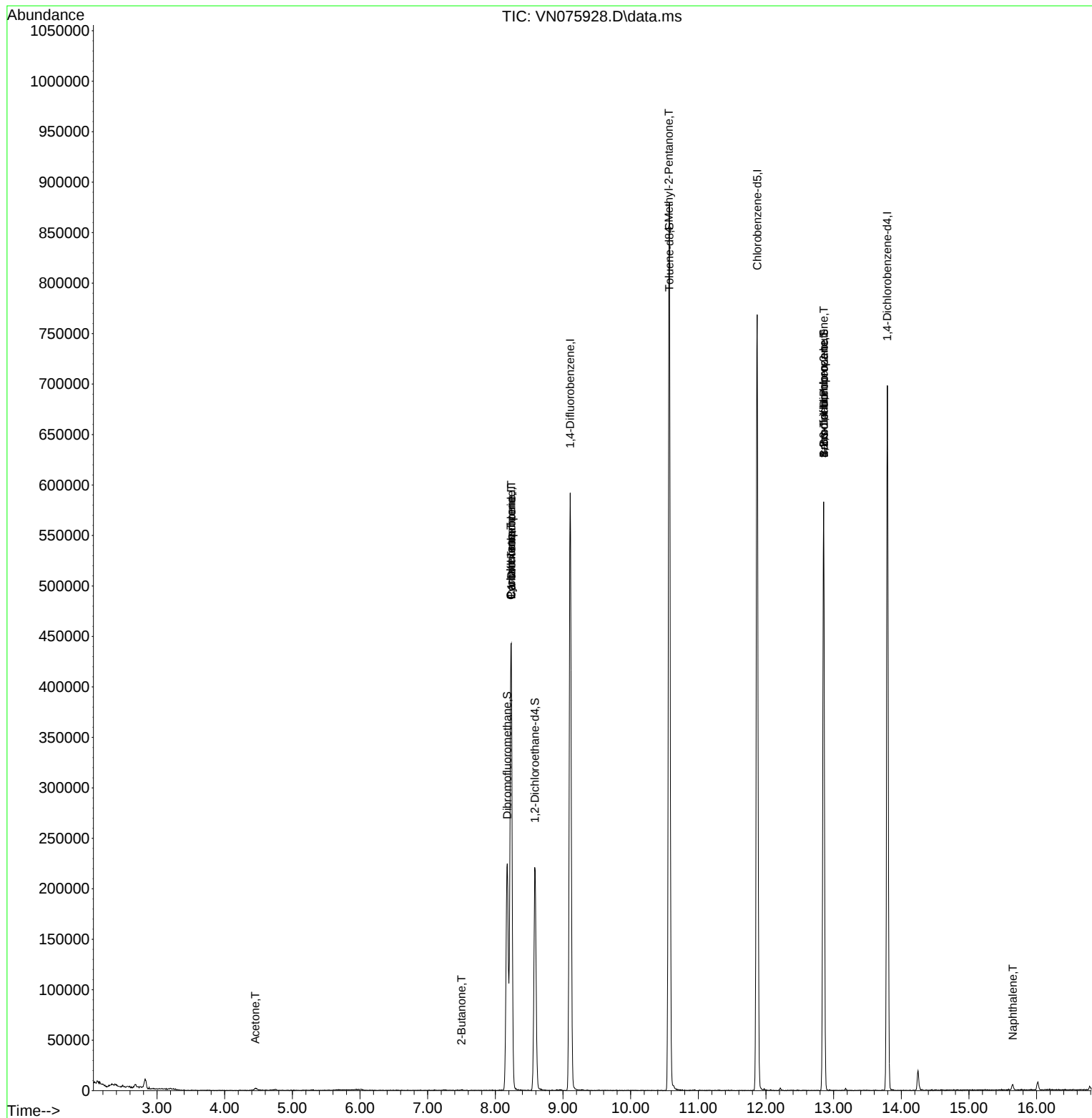
Internal Standards						
1) Pentafluorobenzene	8.235	168	352868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	479277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	176825	46.062	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.177	113	163950	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.571	98	631854	49.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.853	95	198983	47.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.260%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	3800	2.872	ug/l #	88
20) Methylene Chloride	5.300	84	197	Below Cal	#	34
25) 2-Butanone	7.500	43	733	0.396	ug/l #	40
31) Cyclohexane	8.230	56	6651	1.210	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	25776	5.691	ug/l #	49
38) Carbon Tetrachloride	8.235	117	34332	6.773	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	2222	0.612	ug/l #	1
71) Bromoform	12.853	173	1555	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100563	25.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100563	90.947	ug/l #	12
95) Naphthalene	15.647	128	6245	2.733	ug/l	98

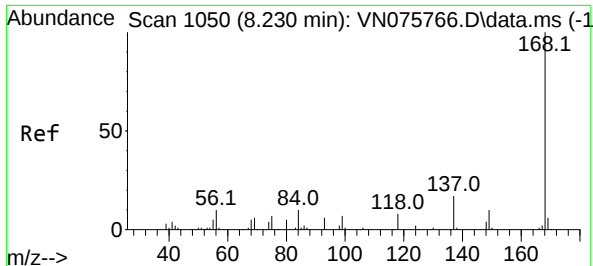
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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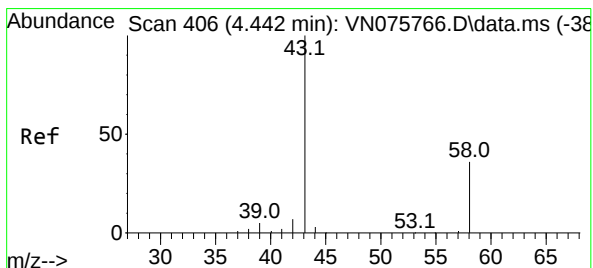
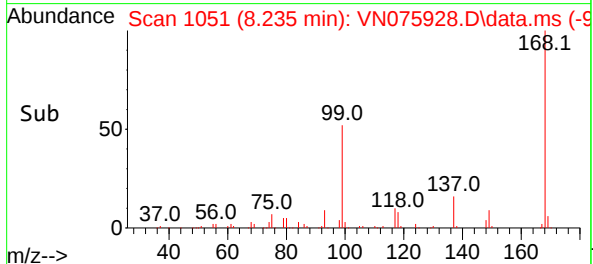
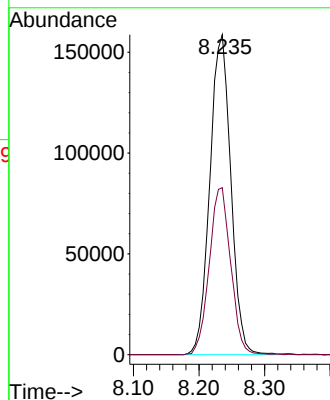
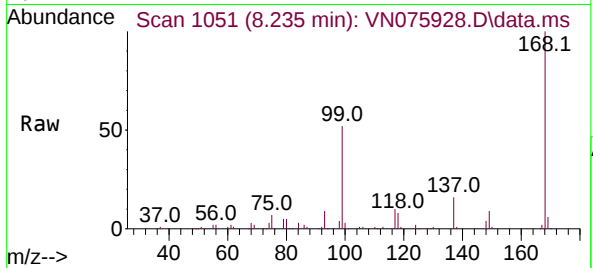




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

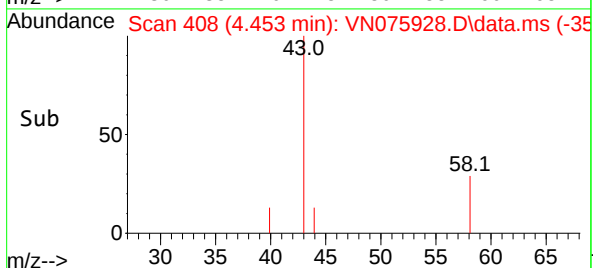
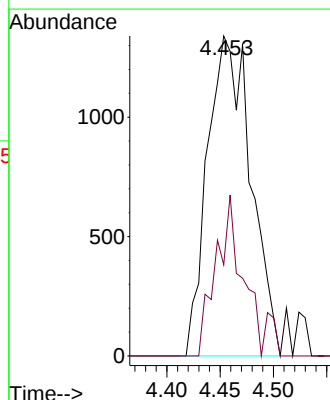
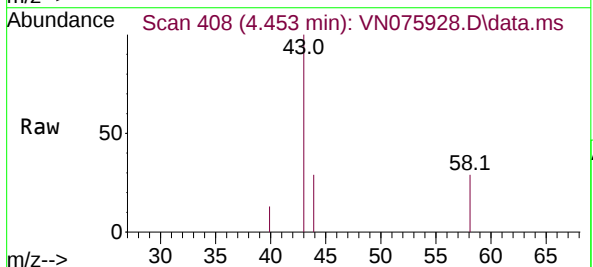
Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

Tgt Ion:168 Resp: 352868
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#16
Acetone
Concen: 2.872 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Tgt Ion: 43 Resp: 3800
Ion Ratio Lower Upper
43 100
58 28.5 28.6 43.0#

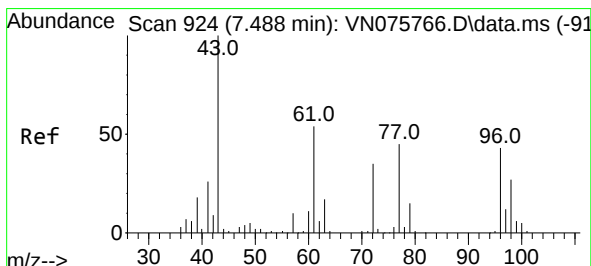
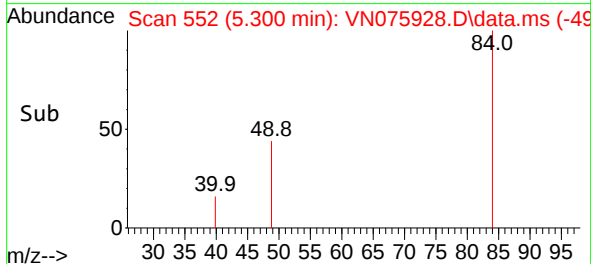
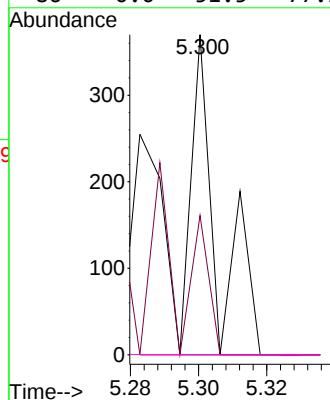
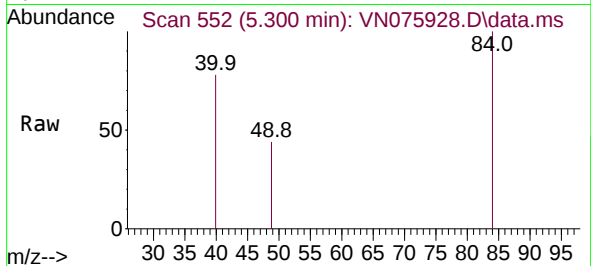




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

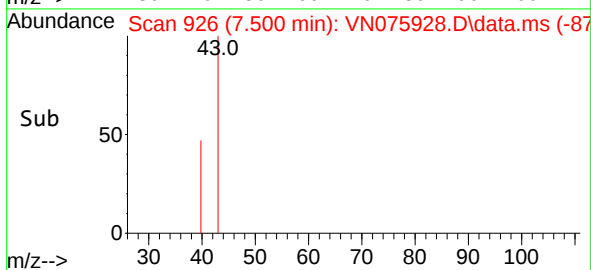
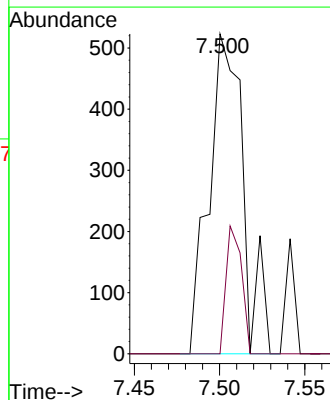
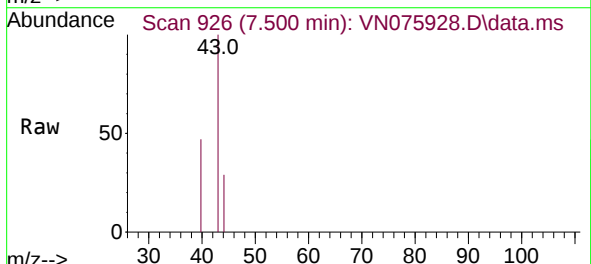
Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

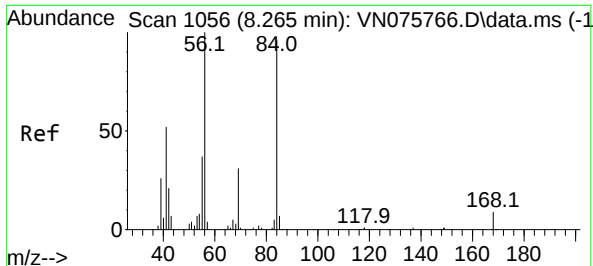
Tgt Ion: 84 Resp: 197
Ion Ratio Lower Upper
84 100
49 43.5 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#



#25
2-Butanone
Concen: 0.396 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

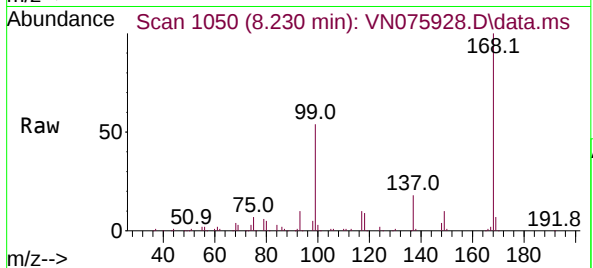
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



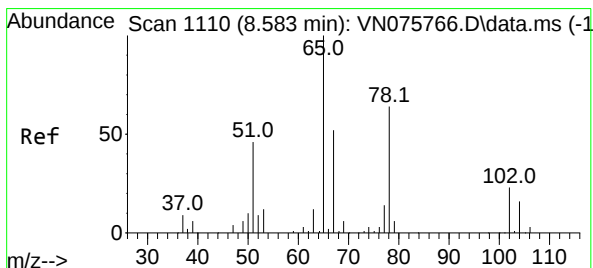
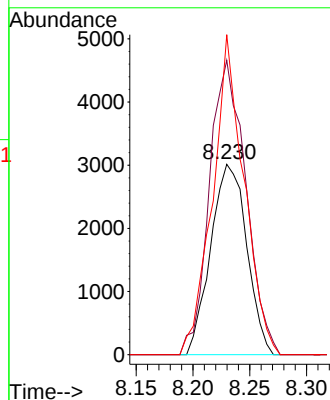
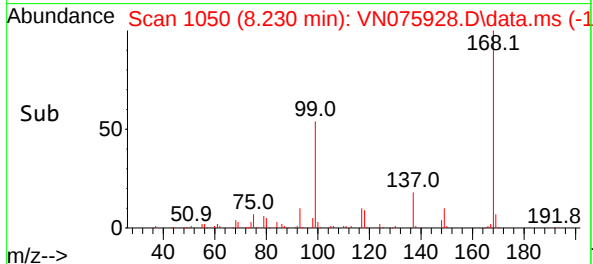


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

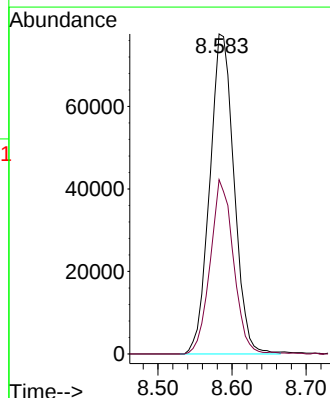
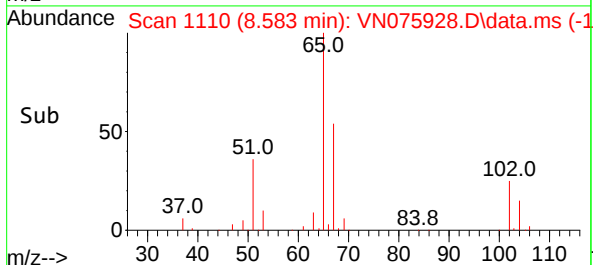
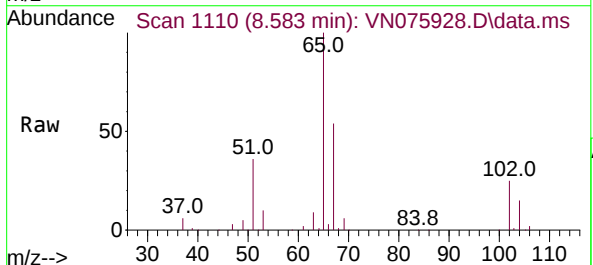


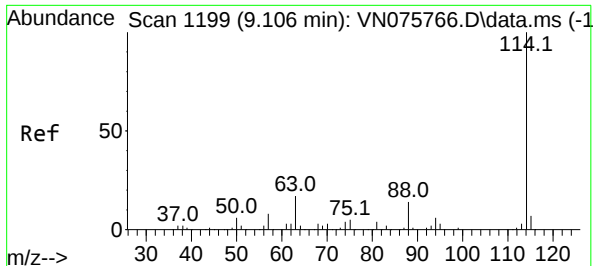
Tgt Ion: 56 Resp: 6651
Ion Ratio Lower Upper
56 100
69 154.6 24.7 37.1#
84 168.0 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.062 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Tgt Ion: 65 Resp: 176825
Ion Ratio Lower Upper
65 100
67 52.2 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: VN075928.D

Acq: 21 Dec 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

AUD-1842

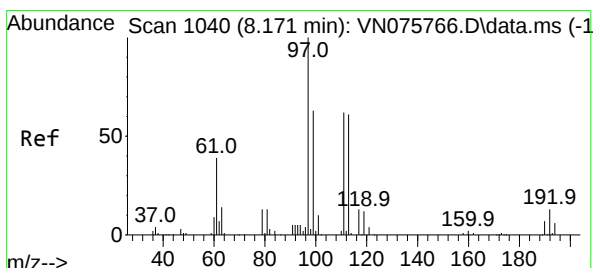
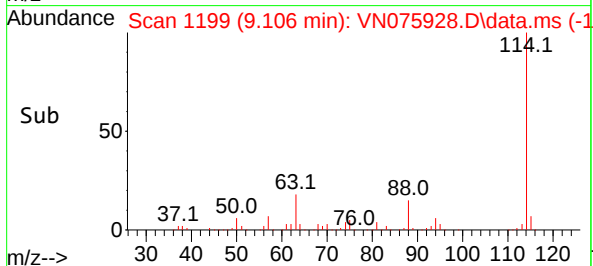
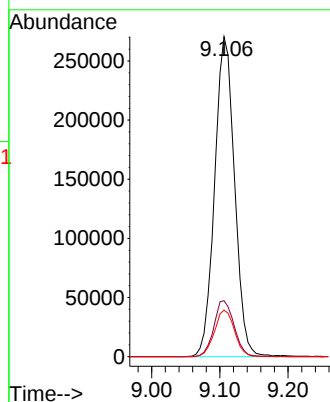
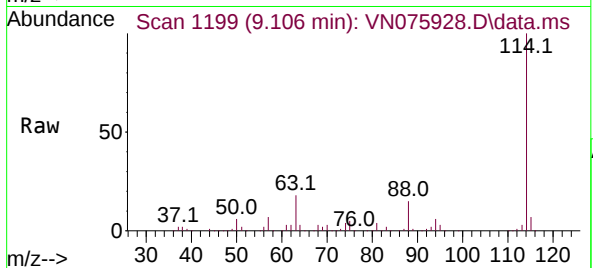
Tgt Ion:114 Resp: 550561

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.086 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075928.D

Acq: 21 Dec 2022 18:41

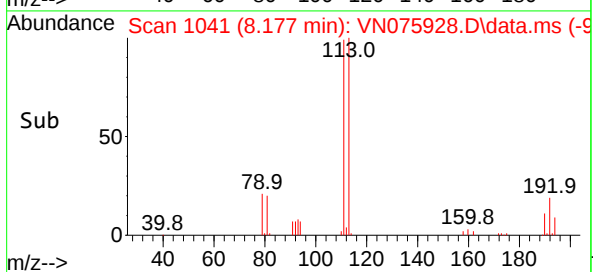
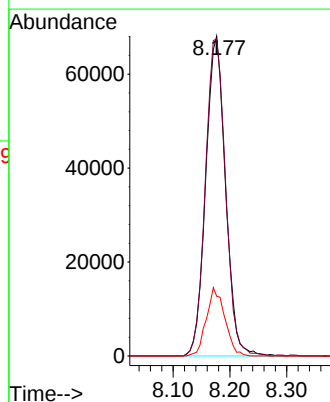
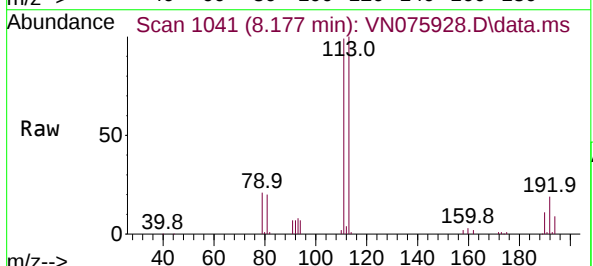
Tgt Ion:113 Resp: 163950

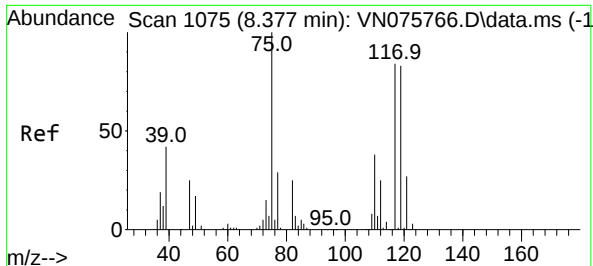
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 20.0 16.1 24.1

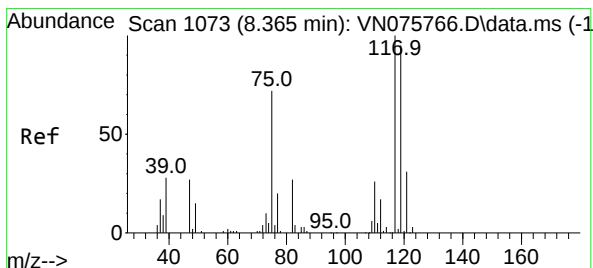
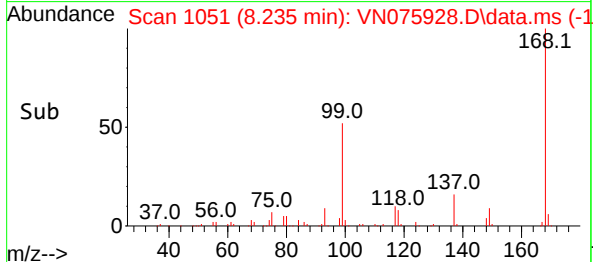
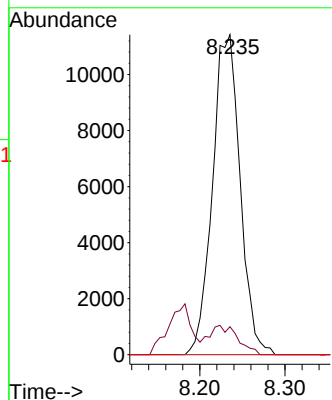
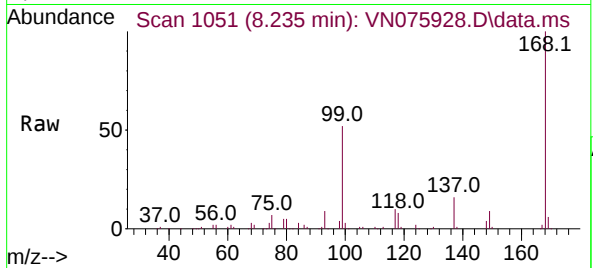




#36
1,1-Dichloropropene
Concen: 5.691 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

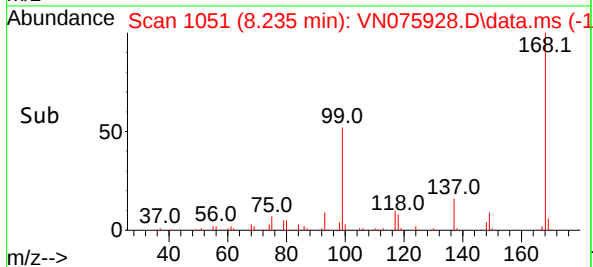
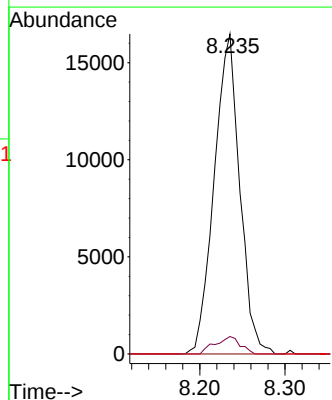
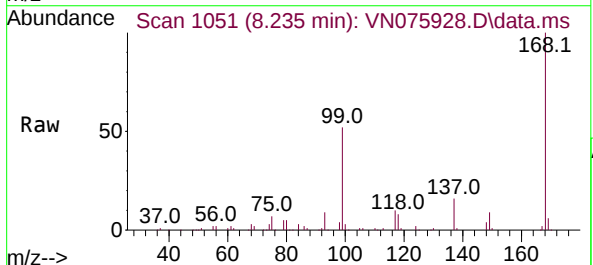
Instrument :
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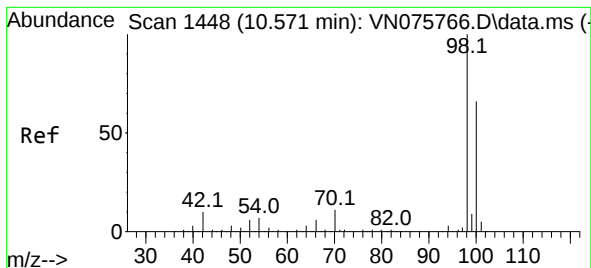
Tgt Ion: 75 Resp: 25776
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.773 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Tgt Ion: 117 Resp: 34332
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.565 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075928.D

Acq: 21 Dec 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

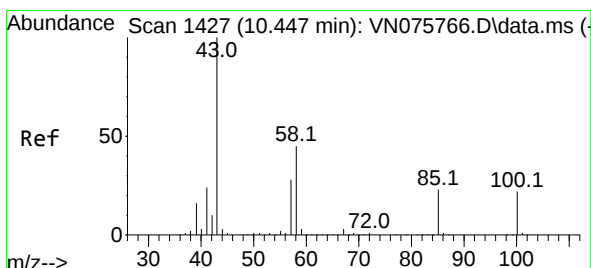
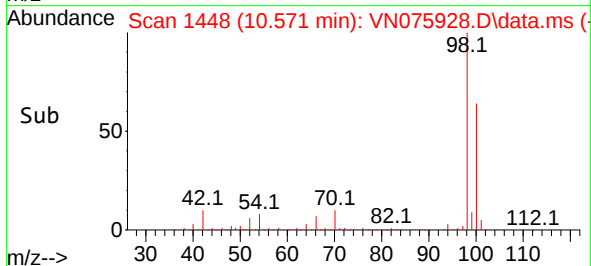
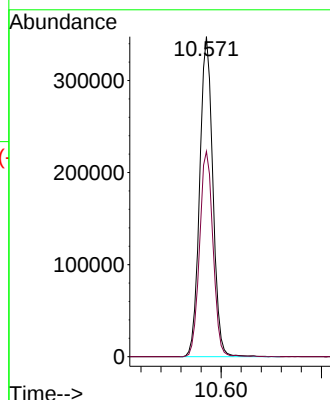
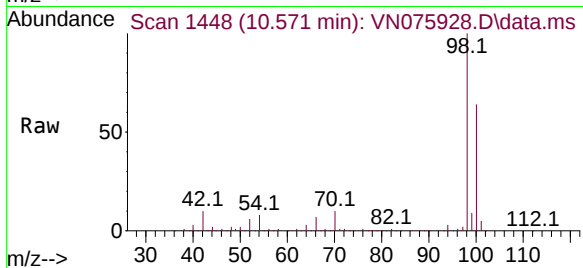
AUD-1842

Tgt Ion: 98 Resp: 631854

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 0.612 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. 0.118 min

Lab File: VN075928.D

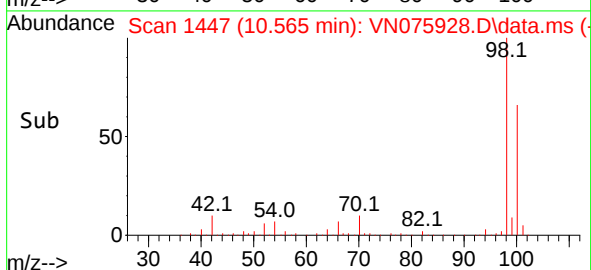
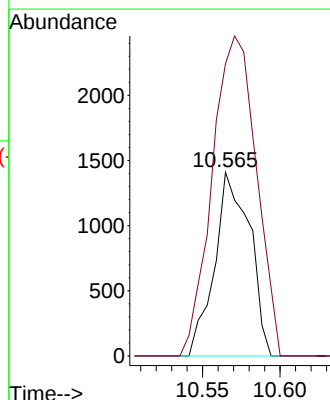
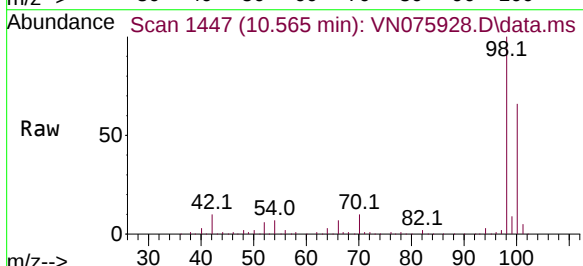
Acq: 21 Dec 2022 18:41

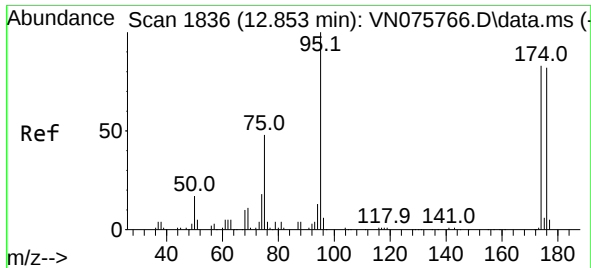
Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

43 100

58 218.5 35.5 53.3#

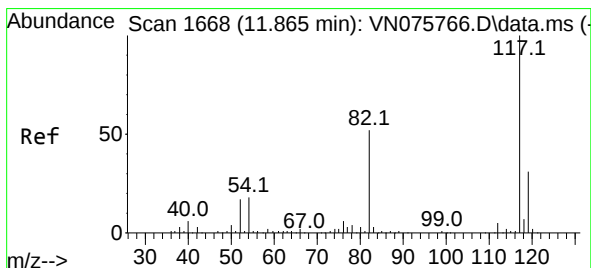
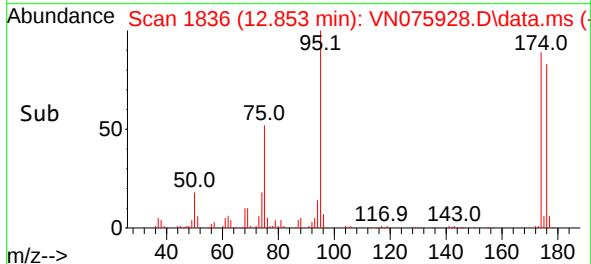
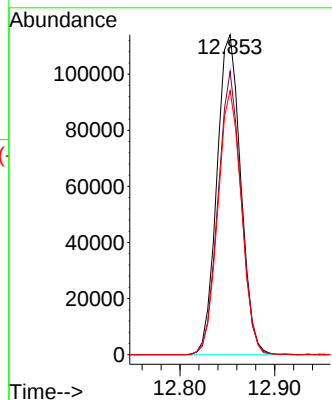
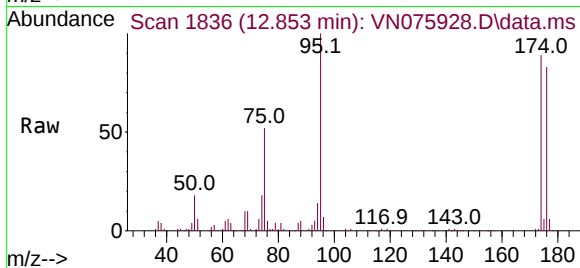




#62
4-Bromofluorobenzene
Concen: 47.127 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

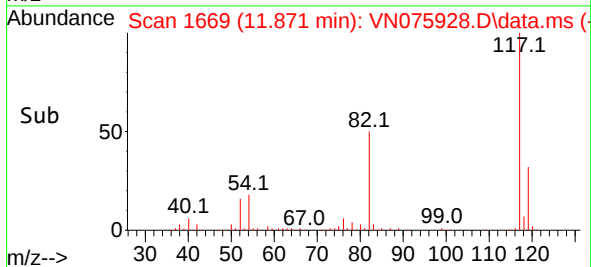
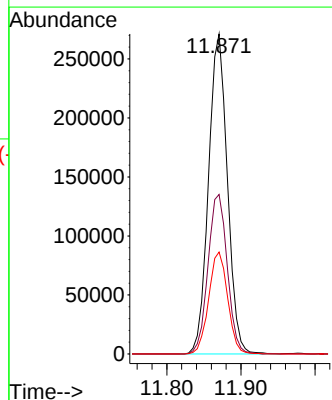
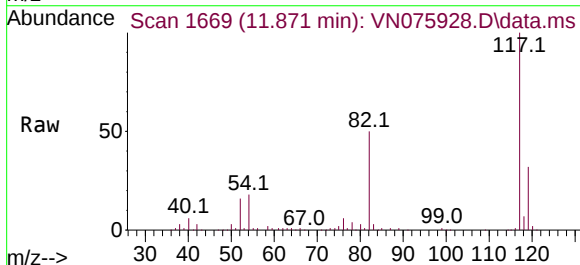
Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

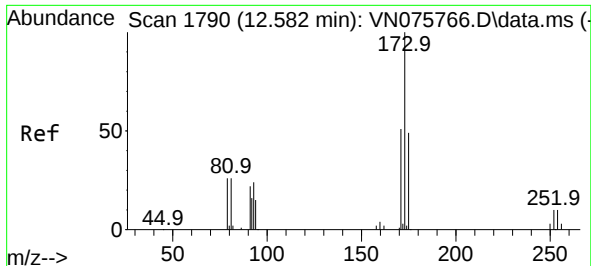
Tgt Ion: 95 Resp: 198983
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Tgt Ion: 117 Resp: 479277
Ion Ratio Lower Upper
117 100
82 49.8 41.3 61.9
119 31.9 24.6 37.0

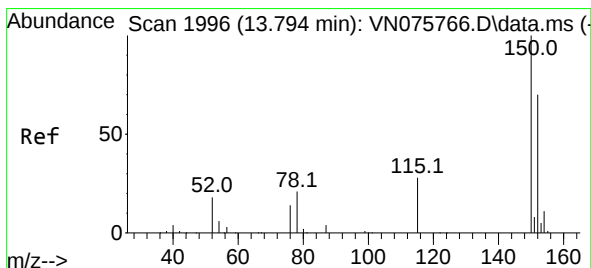
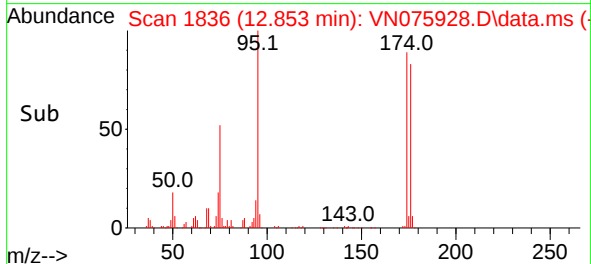
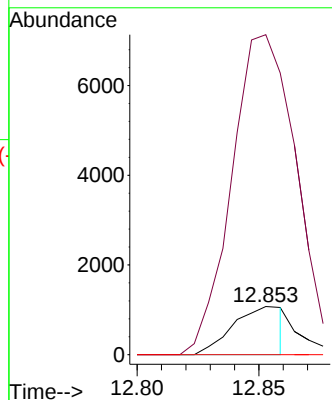
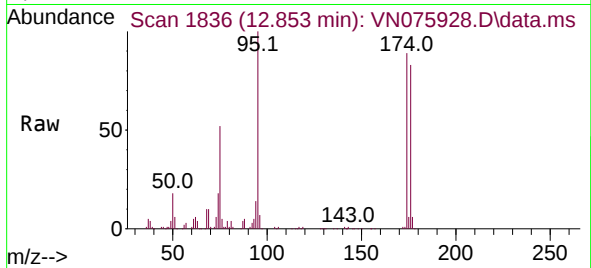




#71
Bromoform
Concen: 0.587 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

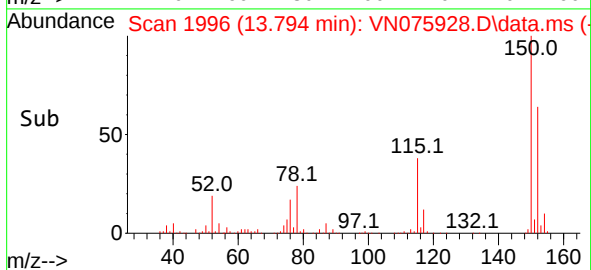
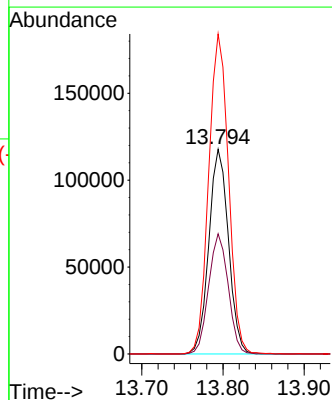
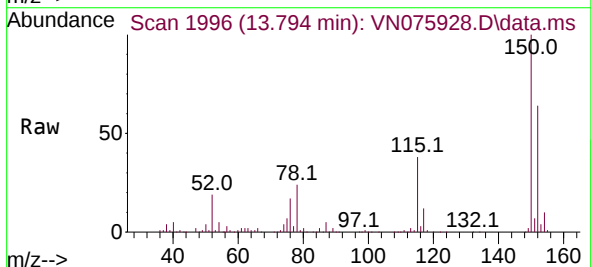
Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

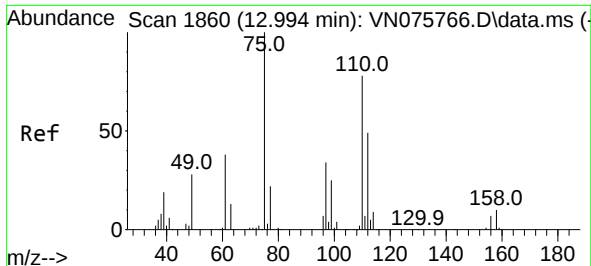
Tgt Ion:173 Resp: 1555
Ion Ratio Lower Upper
173 100
175 661.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Tgt Ion:152 Resp: 197448
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 157.8 0.0 347.0

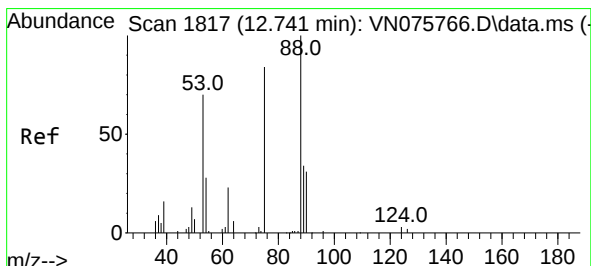
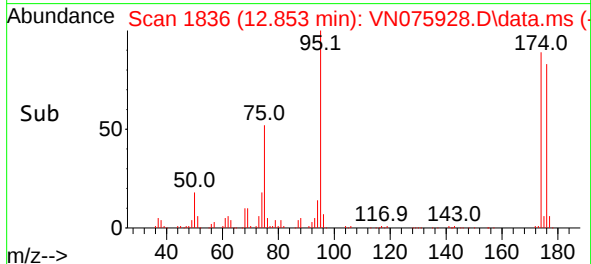
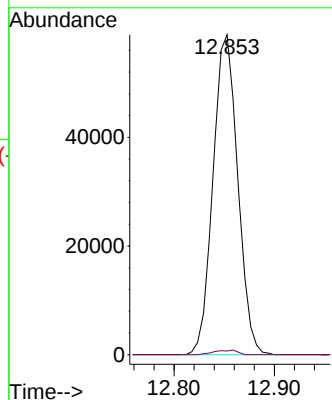
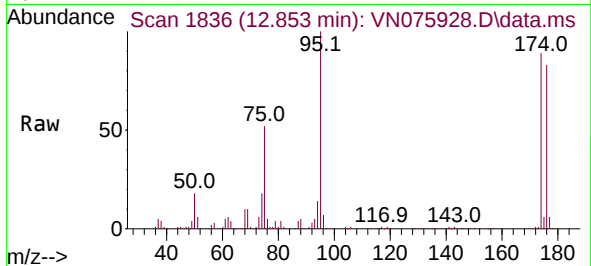




#76
1,2,3-Trichloropropane
Concen: 25.267 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

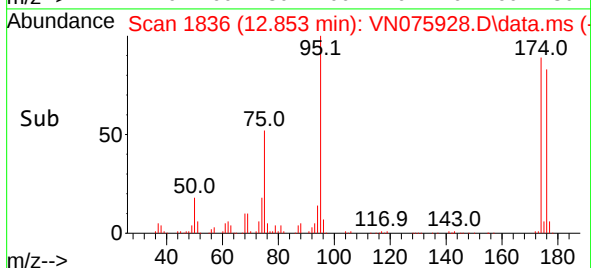
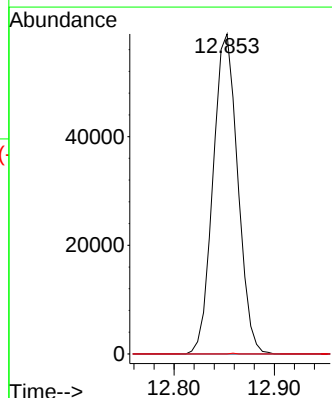
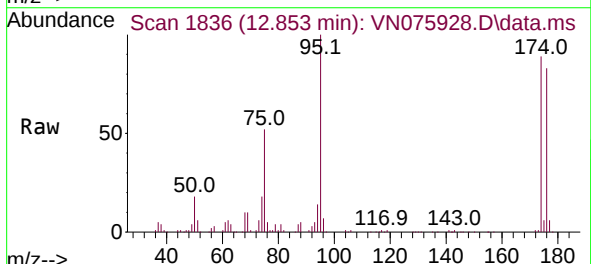
Instrument :
MSVOA_N
ClientSampleId :
AUD-1842

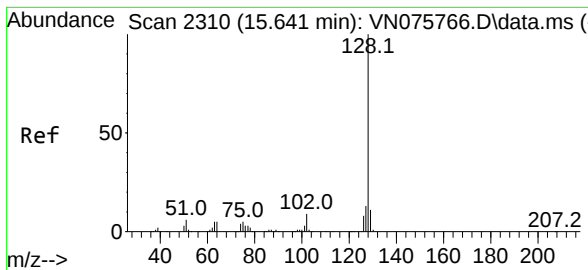
Tgt Ion: 75 Resp: 100563
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.947 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

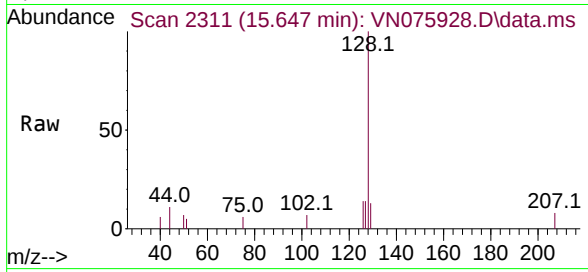
Tgt Ion: 75 Resp: 100563
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
Naphthalene
Concen: 2.733 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075928.D
Acq: 21 Dec 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
AUD-1842



Tgt Ion:	128	Resp:	6245
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.0	8.7	13.1

