

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075925.D
 Acq On : 21 Dec 2022 17:29
 Operator : JC\MD
 Sample : N6168-12 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1840

Quant Time: Dec 22 03:04:10 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

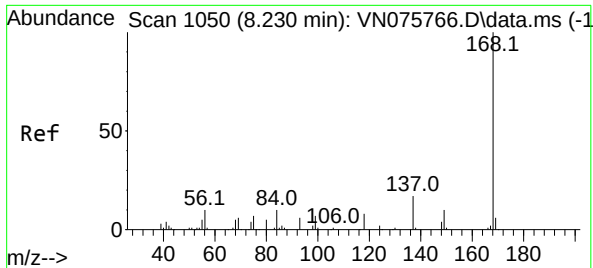
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	338914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170785	46.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.640%		
35) Dibromofluoromethane	8.171	113	159844	48.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.571	98	620849	50.359	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.720%		
62) 4-Bromofluorobenzene	12.853	95	190036	46.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.080%		
Target Compounds						
20) Methylene Chloride	5.277	84	978	Below Cal	#	66
31) Cyclohexane	8.229	56	6601	1.250	ug/l #	43
36) 1,1-Dichloropropene	8.229	75	23814	5.437	ug/l #	50
38) Carbon Tetrachloride	8.235	117	32895	6.710	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	2330	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98098	24.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98098	89.251	ug/l #	12
95) Naphthalene	15.653	128	473	2.220	ug/l #	69

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

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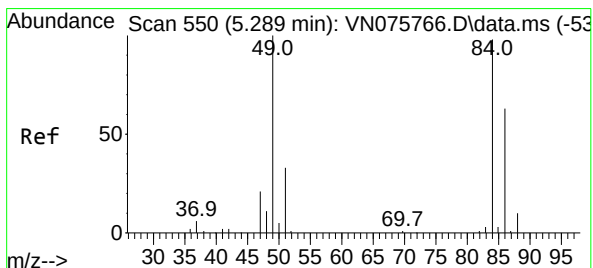
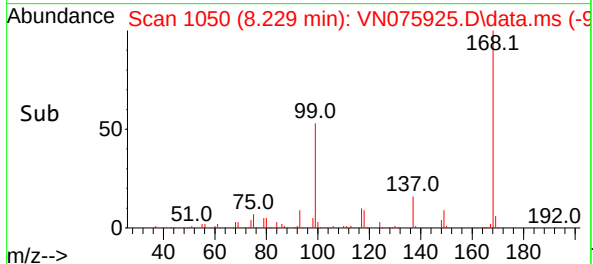
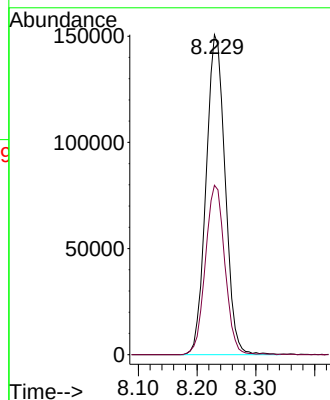
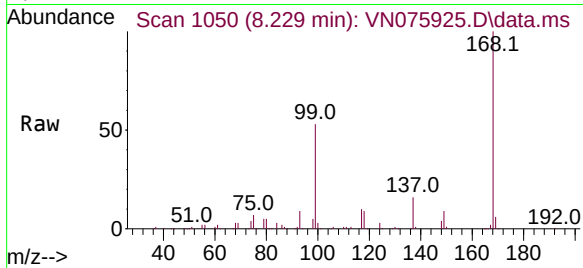




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

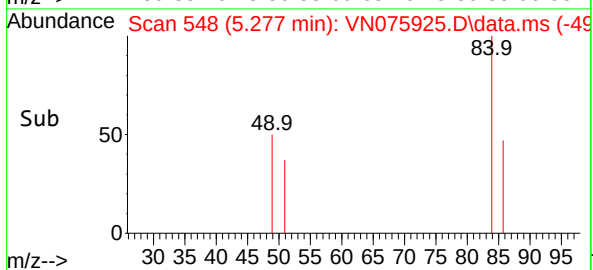
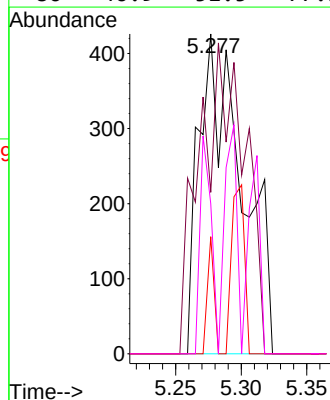
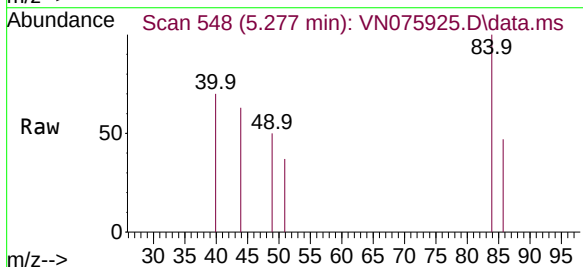
Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

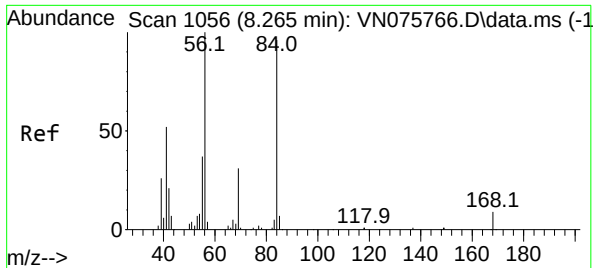
Tgt Ion:168 Resp: 338914
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion: 84 Resp: 978
Ion Ratio Lower Upper
84 100
49 50.5 81.8 122.6#
51 36.6 26.7 40.1
86 46.9 51.5 77.3#

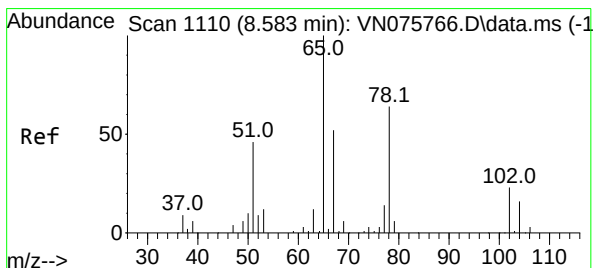
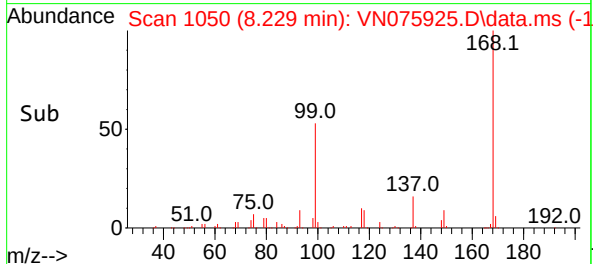
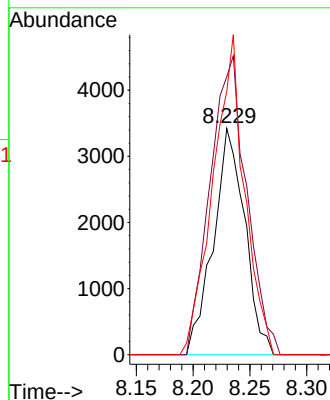
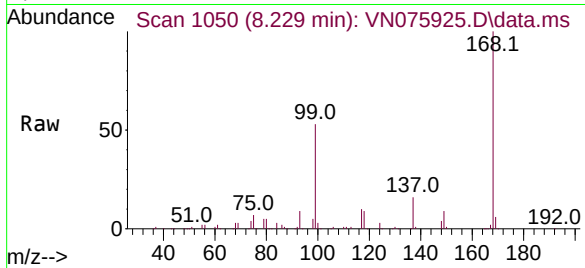




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

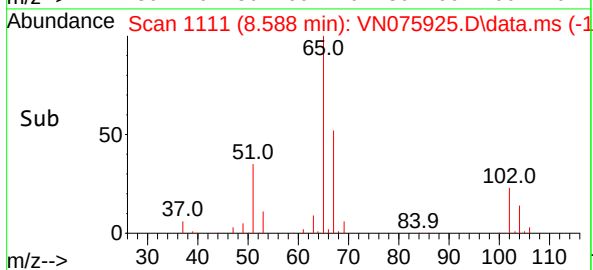
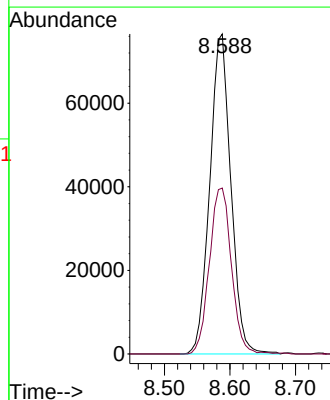
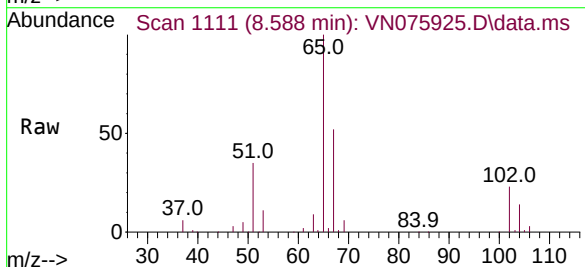
Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

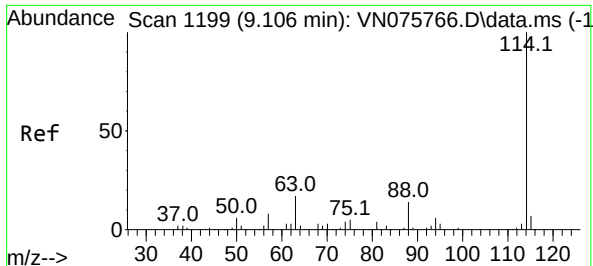
Tgt Ion: 56 Resp: 6601
Ion Ratio Lower Upper
56 100
69 122.9 24.7 37.1#
84 116.3 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion: 65 Resp: 170785
Ion Ratio Lower Upper
65 100
67 54.1 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: VN075925.D

Acq: 21 Dec 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

AUD-1840

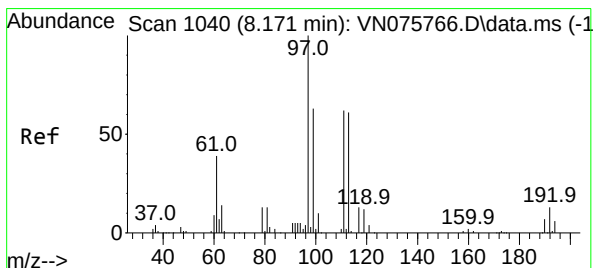
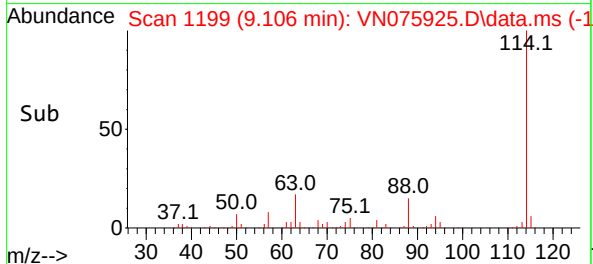
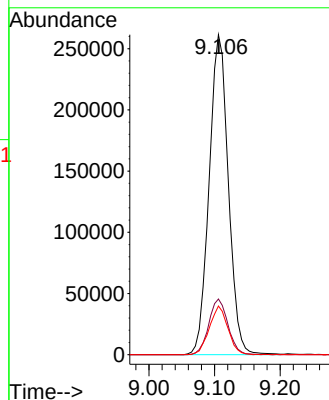
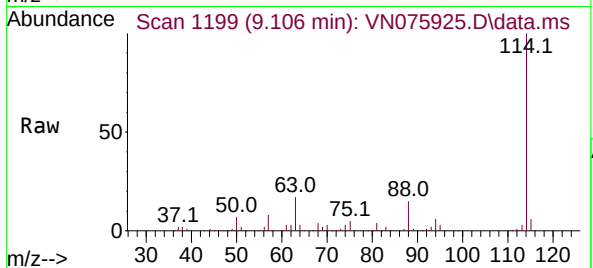
Tgt Ion:114 Resp: 532448

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

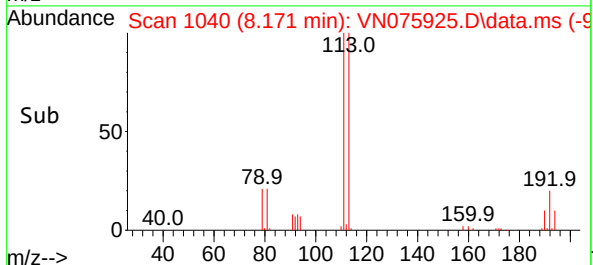
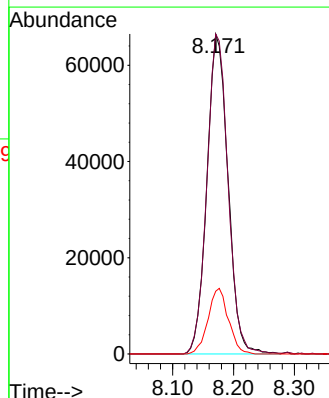
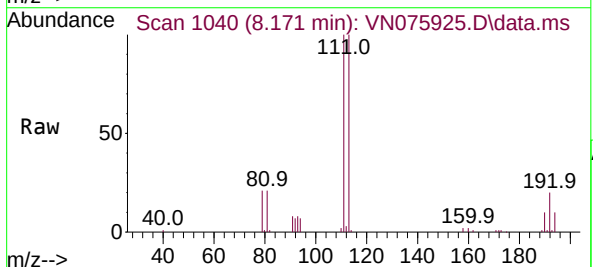
Tgt Ion:113 Resp: 159844

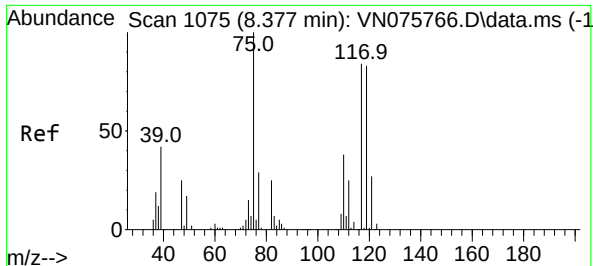
Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.437 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

AUD-1840

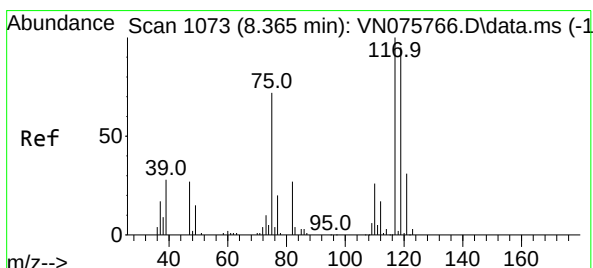
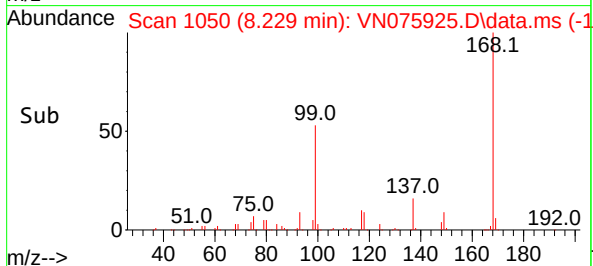
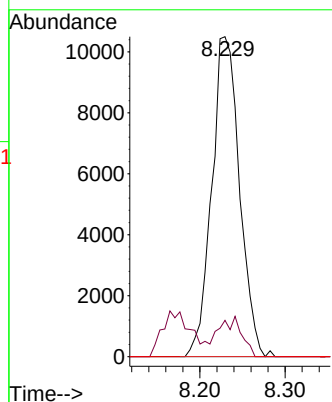
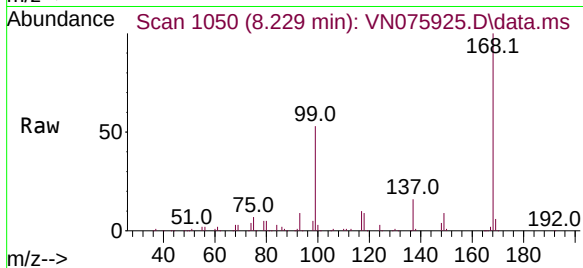
Tgt Ion: 75 Resp: 23814

Ion Ratio Lower Upper

75 100

110 10.2 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.710 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VN075925.D

Acq: 21 Dec 2022 17:29

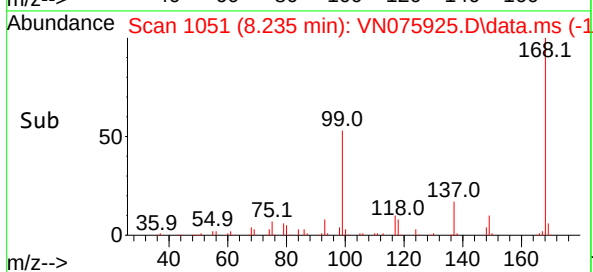
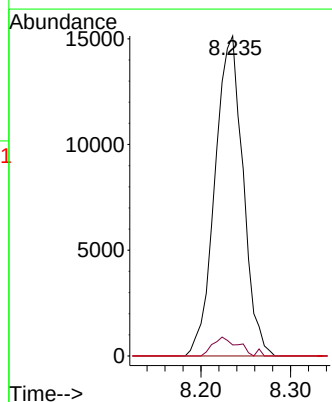
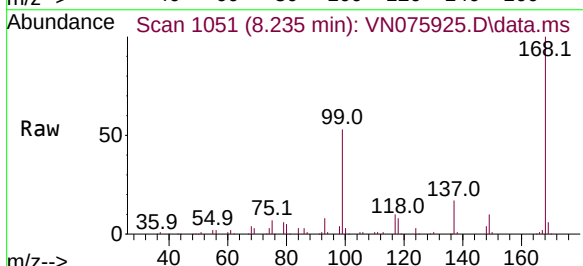
Tgt Ion: 117 Resp: 32895

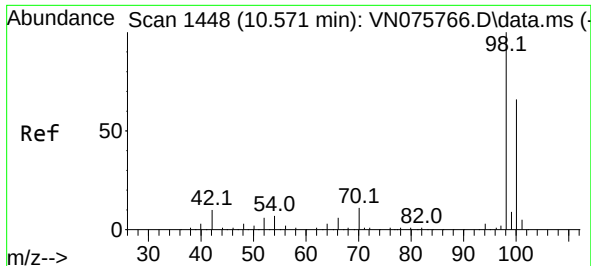
Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

121 0.0 24.5 36.7#

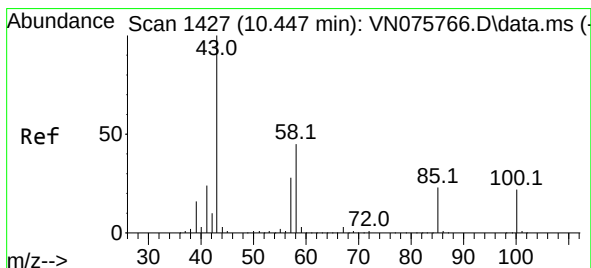
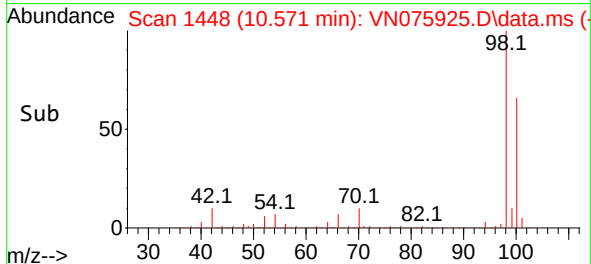
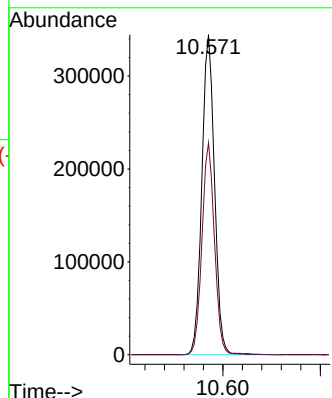
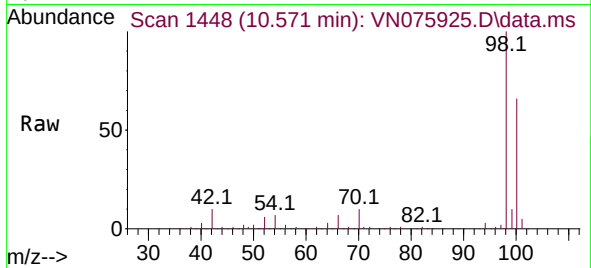




#50
Toluene-d8
Concen: 50.359 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

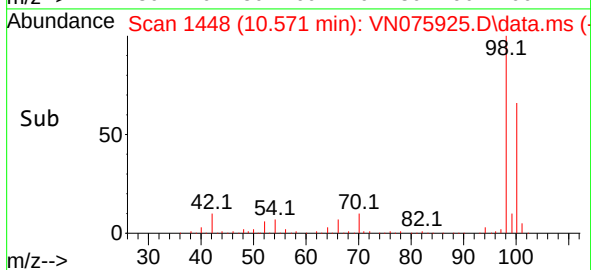
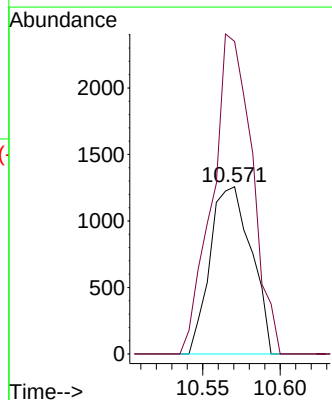
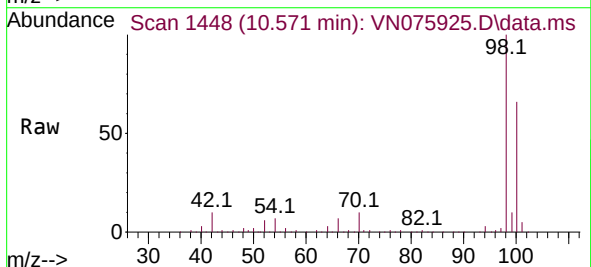
Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

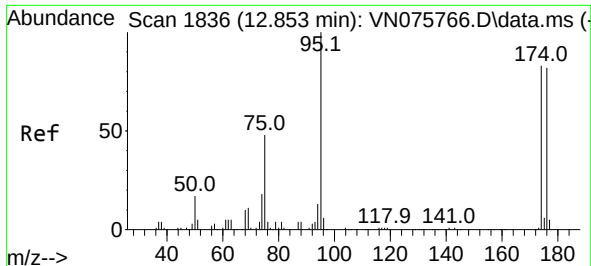
Tgt Ion: 98 Resp: 620849
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.664 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.123 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
58 184.5 35.5 53.3#

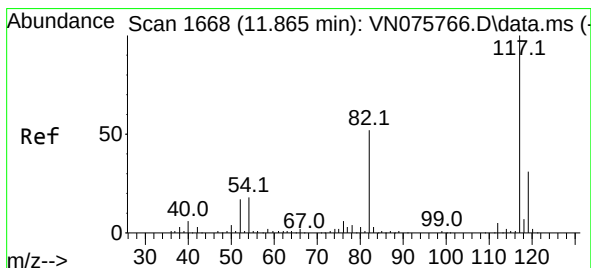
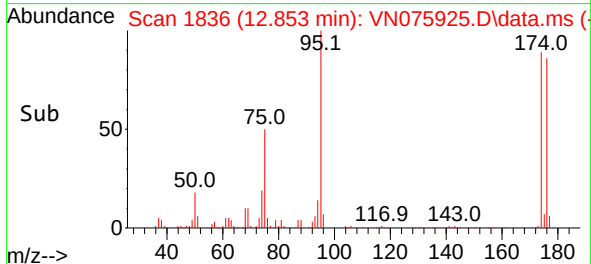
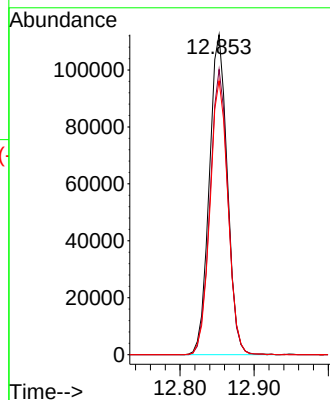
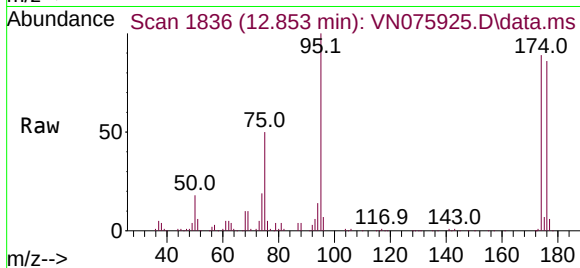




#62
4-Bromofluorobenzene
Concen: 46.539 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

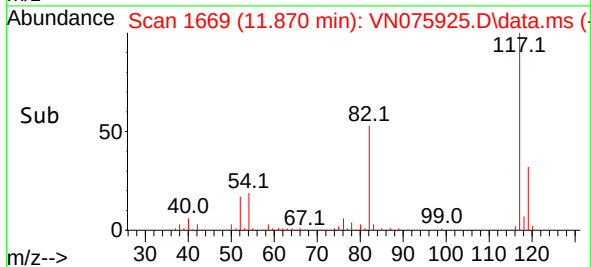
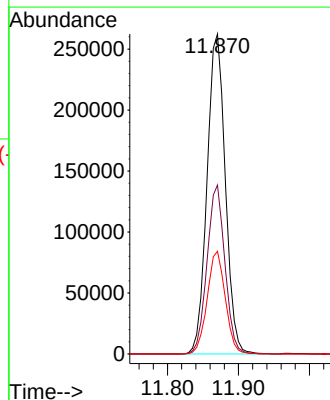
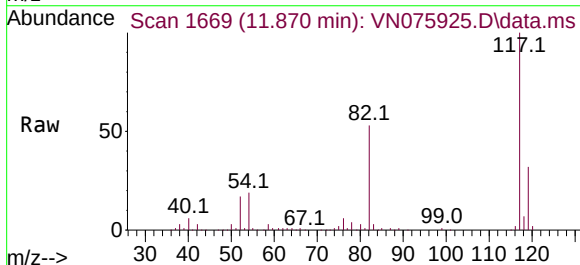
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AUD-1840

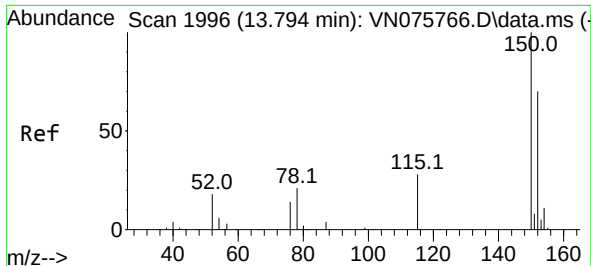
Tgt Ion: 95 Resp: 190036
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 85.6 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion: 117 Resp: 468941
Ion Ratio Lower Upper
117 100
82 52.8 41.3 61.9
119 32.1 24.6 37.0

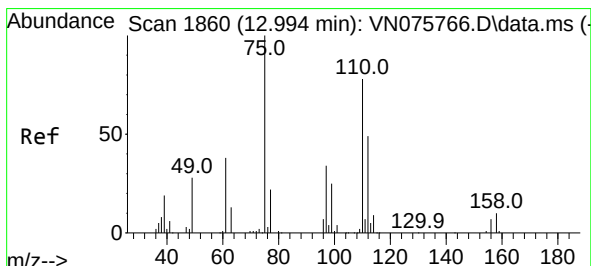
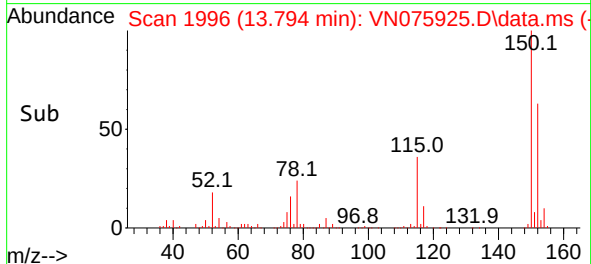
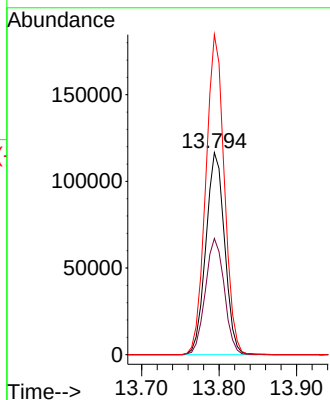
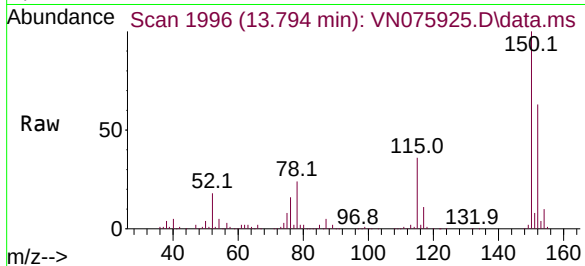




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075925.D
 Acq: 21 Dec 2022 17:29

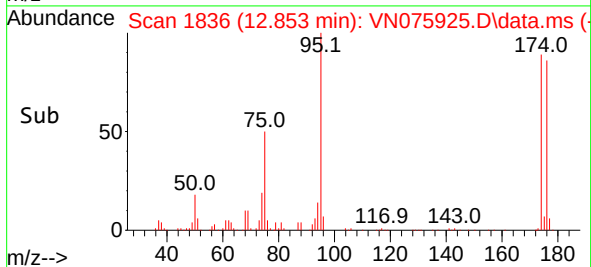
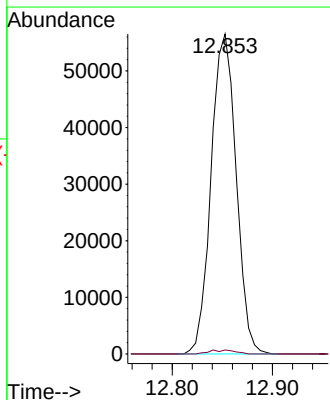
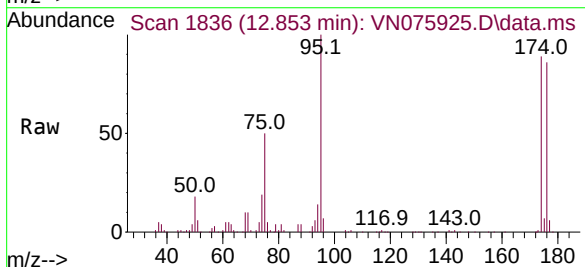
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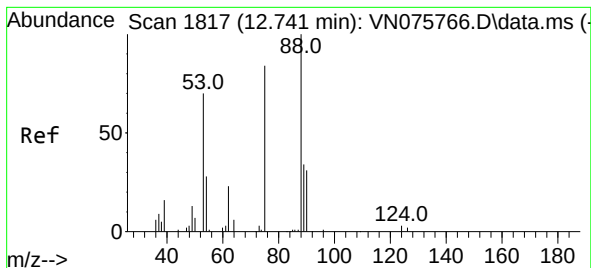
Tgt Ion:152 Resp: 196268
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.1 87.4
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.795 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075925.D
 Acq: 21 Dec 2022 17:29

Tgt Ion: 75 Resp: 98098
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

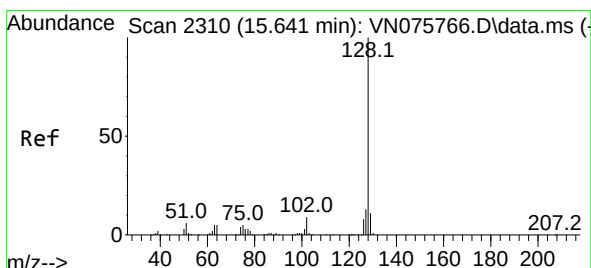
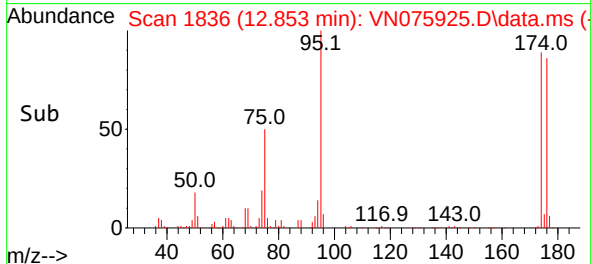
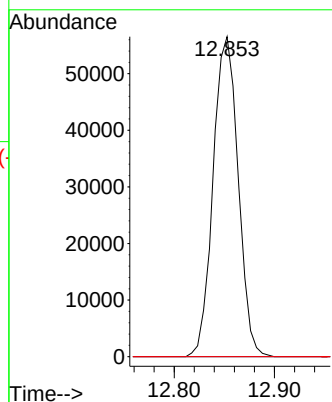
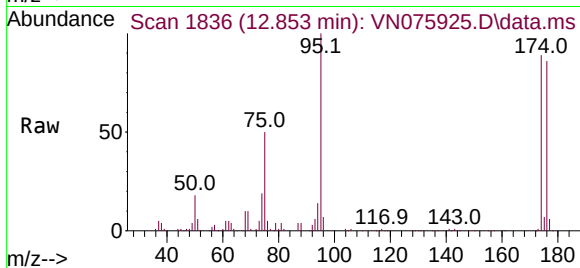




#81
trans-1,4-Dichloro-2-butene
Concen: 89.251 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Instrument :
MSVOA_N
ClientSampleId :
AUD-1840

Tgt Ion: 75 Resp: 98098
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.220 ug/l
RT: 15.653 min Scan# 2312
Delta R.T. 0.012 min
Lab File: VN075925.D
Acq: 21 Dec 2022 17:29

Tgt Ion:128 Resp: 473
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

