

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075946.D
 Acq On : 22 Dec 2022 15:39
 Operator : JC\MD
 Sample : N6168-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1691

Quant Time: Dec 23 04:03:25 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

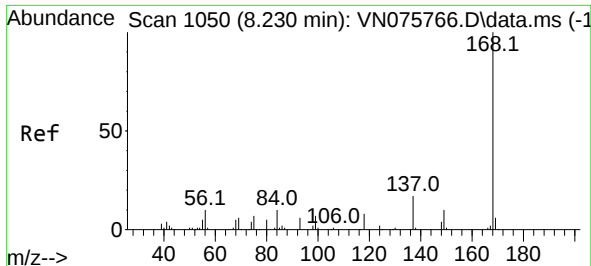
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	328111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	515033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	443571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172233	48.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	8.177	113	155909	48.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.760%		
50) Toluene-d8	10.571	98	597290	50.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.853	95	183356	46.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.547	59	4442	8.795	ug/l #	78
13) Acrolein	4.200	56	138	0.223	ug/l #	16
16) Acetone	4.448	43	3486	2.833	ug/l #	80
20) Methylene Chloride	5.277	84	600	Below Cal	#	42
25) 2-Butanone	7.500	43	1141	0.662	ug/l #	68
31) Cyclohexane	8.230	56	6062	1.186	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	22863	5.396	ug/l #	50
37) Ethyl Acetate	7.500	43	1141	0.335	ug/l #	65
38) Carbon Tetrachloride	8.230	117	31640	6.672	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2319	0.683	ug/l #	1
71) Bromoform	12.853	173	1743	0.710	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93988	25.419	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93988	91.496	ug/l #	12
95) Naphthalene	15.647	128	855	2.259	ug/l #	79

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

Quant Time: Dec 23 04:03:25 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

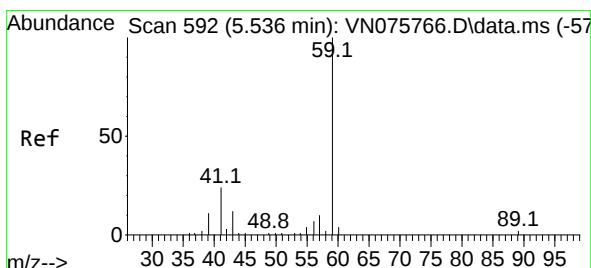
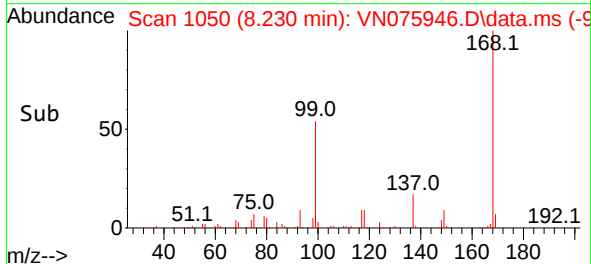
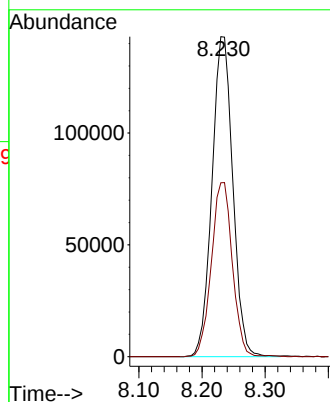
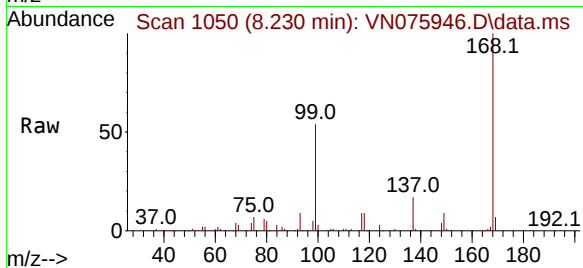




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

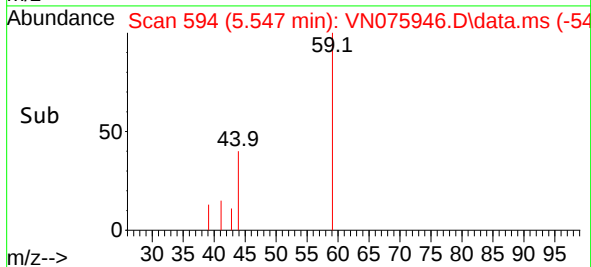
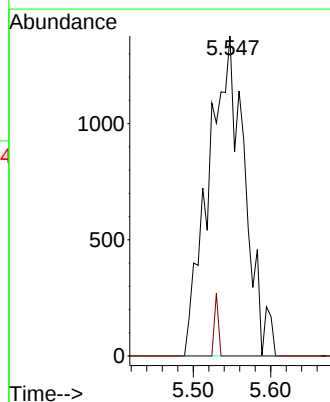
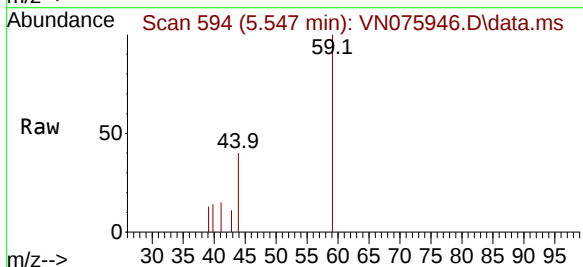
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

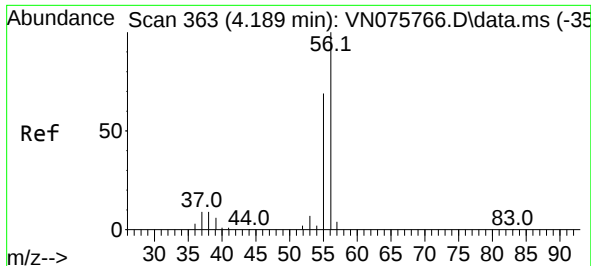
Tgt Ion:168 Resp: 328111
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 8.795 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 59 Resp: 4442
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#

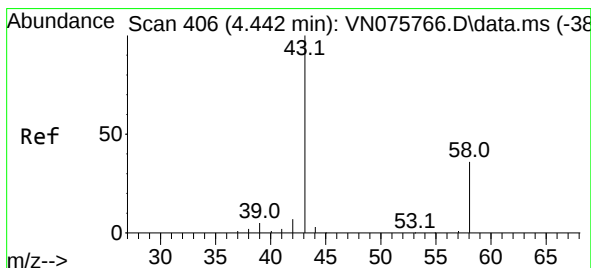
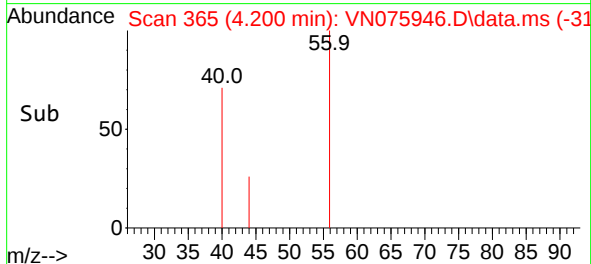
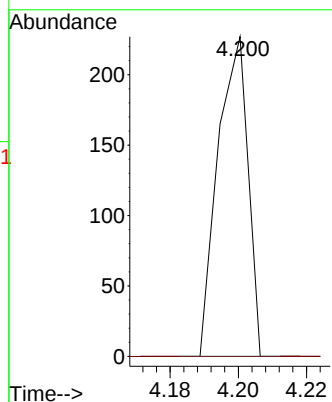
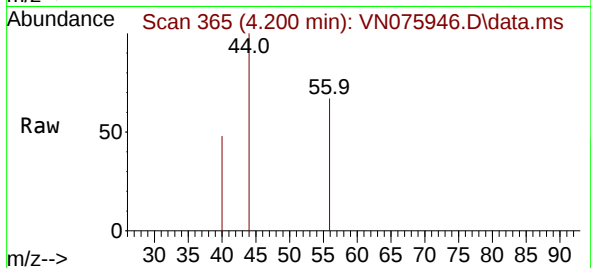




#13
Acrolein
Concen: 0.223 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

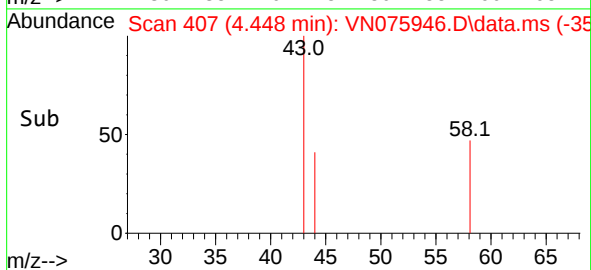
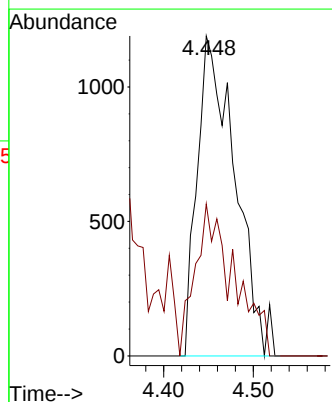
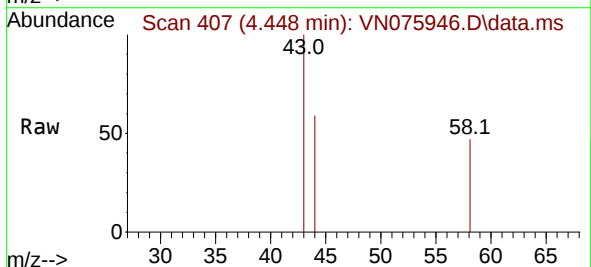
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 2.833 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

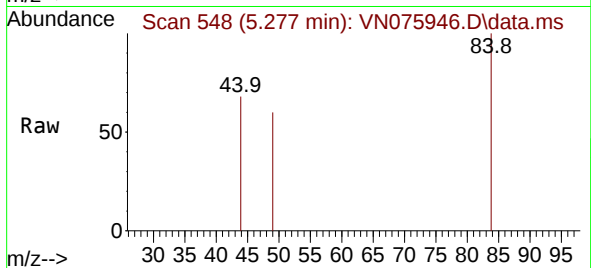
Tgt Ion: 43 Resp: 3486
Ion Ratio Lower Upper
43 100
58 47.5 28.6 43.0#





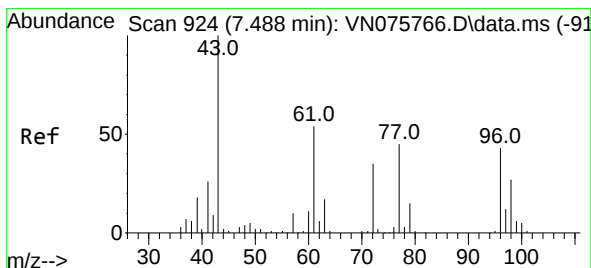
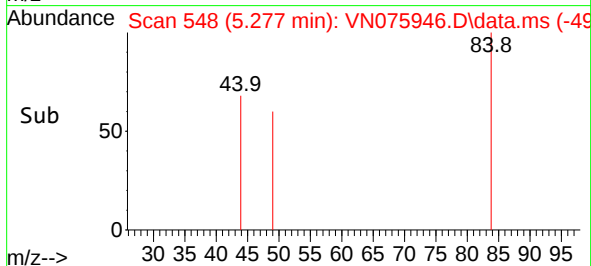
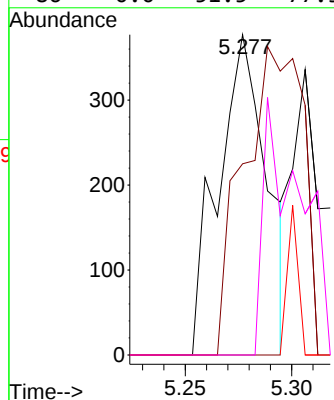
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
AUD-1691



Tgt Ion: 84 Resp: 600

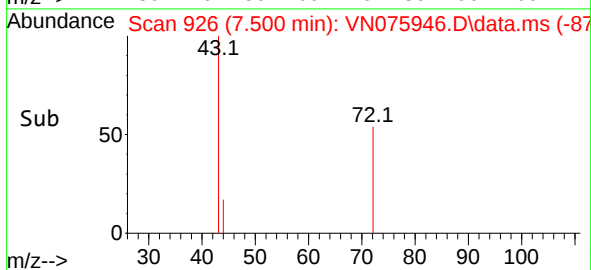
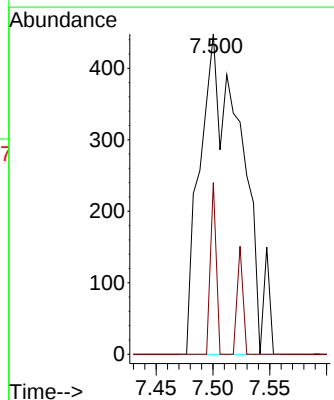
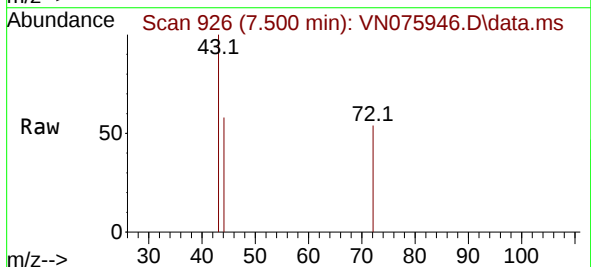
Ion	Ratio	Lower	Upper
84	100		
49	59.7	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#

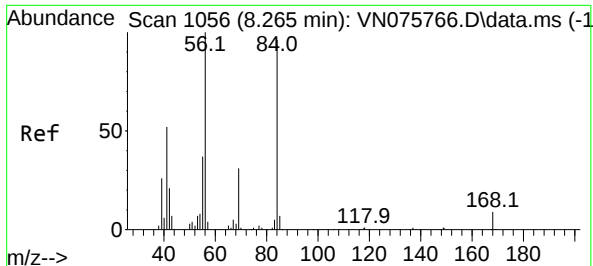


#25
2-Butanone
Concen: 0.662 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 43 Resp: 1141

Ion	Ratio	Lower	Upper
43	100		
72	53.6	28.0	42.0#

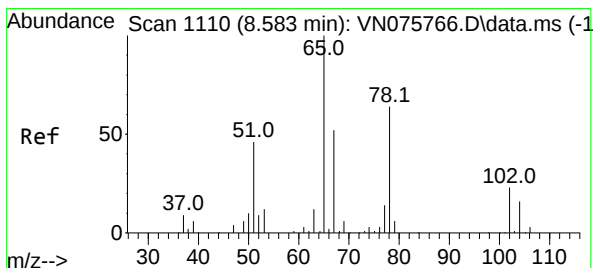
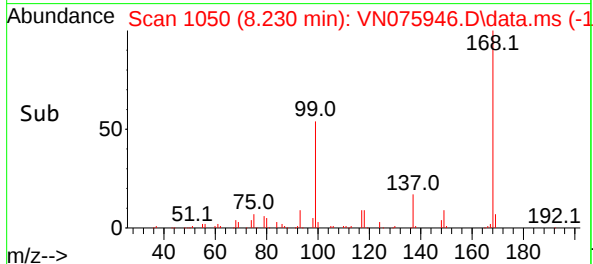
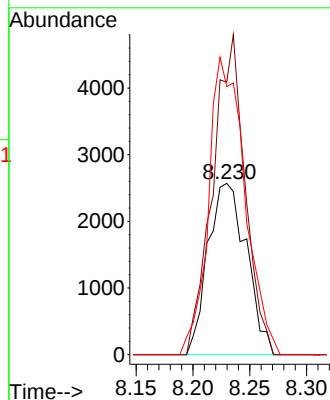
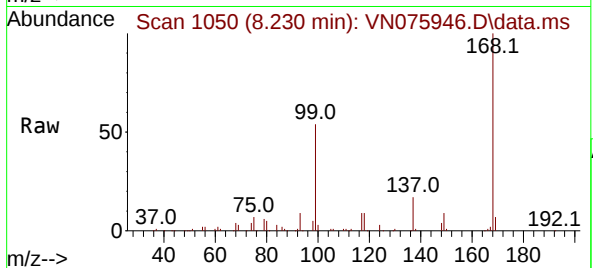




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

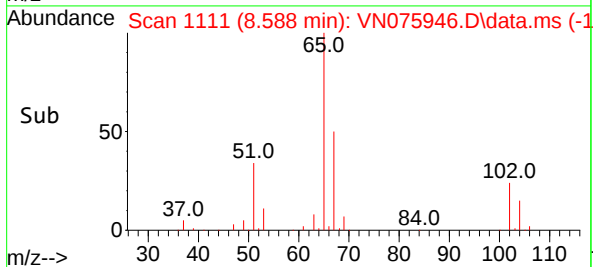
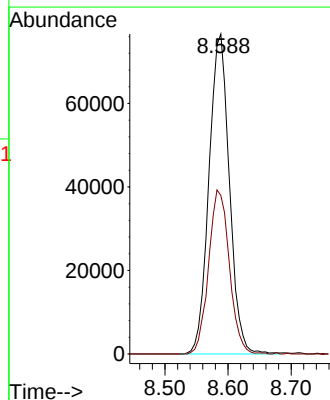
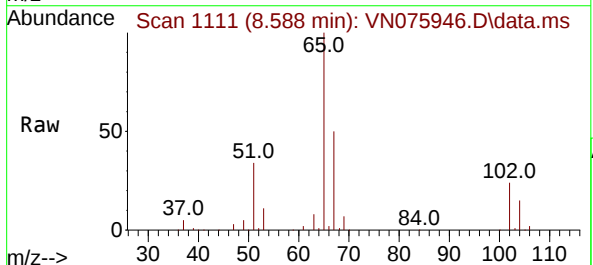
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

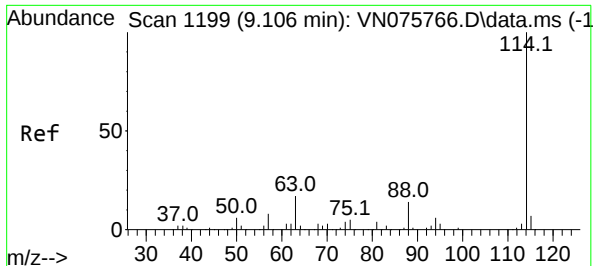
Tgt Ion: 56 Resp: 6062
Ion Ratio Lower Upper
56 100
69 159.1 24.7 37.1#
84 156.6 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 48.251 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 65 Resp: 172233
Ion Ratio Lower Upper
65 100
67 52.1 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: VN075946.D

Acq: 22 Dec 2022 15:39

Instrument :

MSVOA_N

ClientSampleId :

AUD-1691

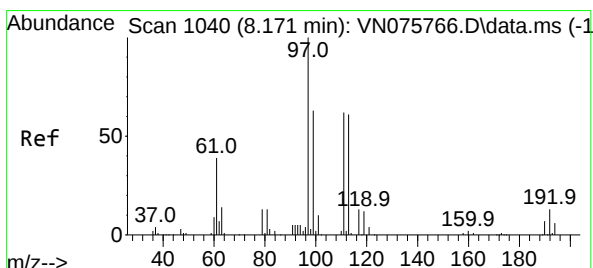
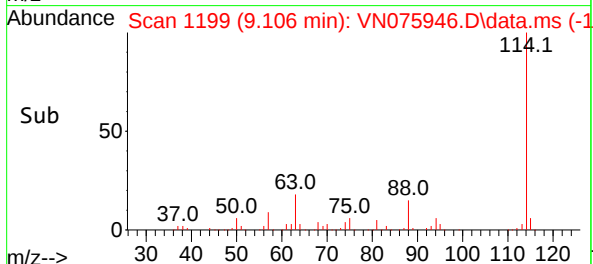
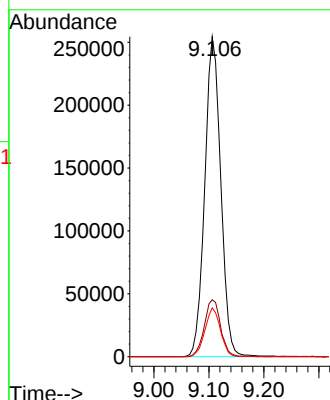
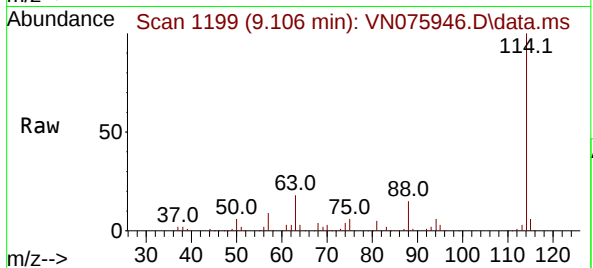
Tgt Ion:114 Resp: 515033

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075946.D

Acq: 22 Dec 2022 15:39

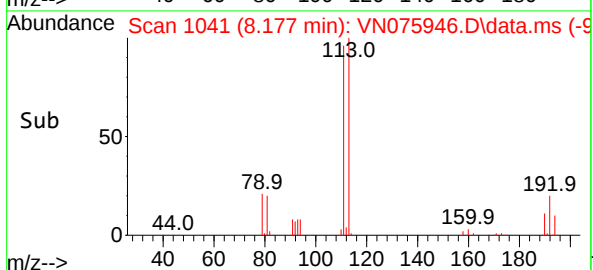
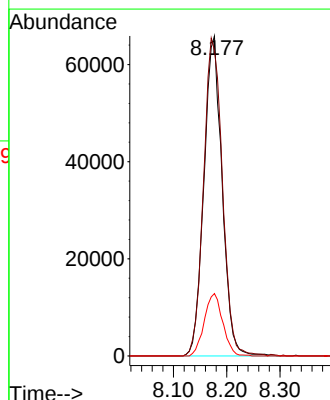
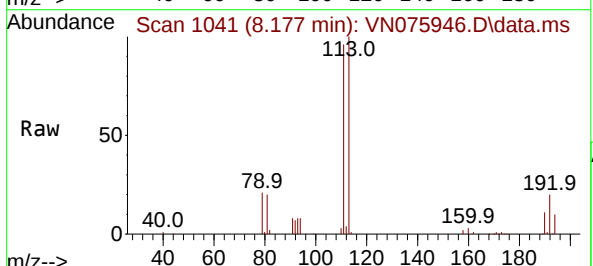
Tgt Ion:113 Resp: 155909

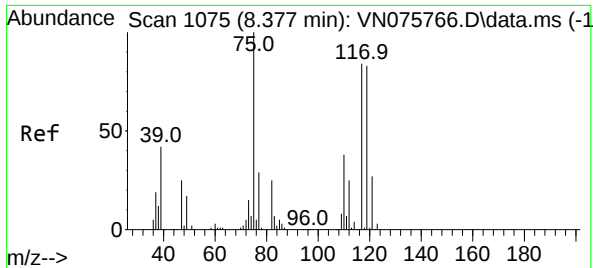
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 19.8 16.1 24.1

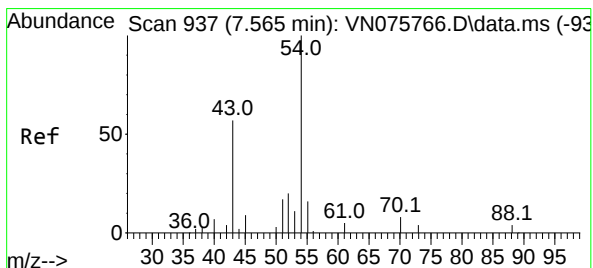
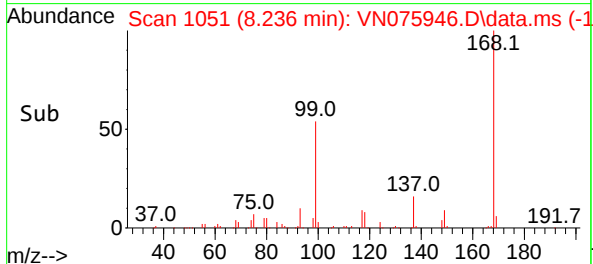
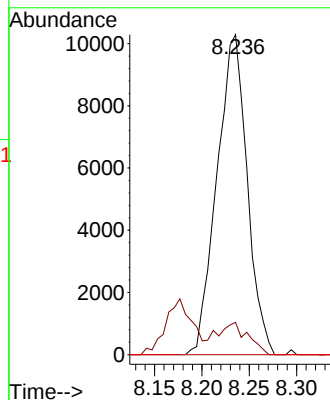
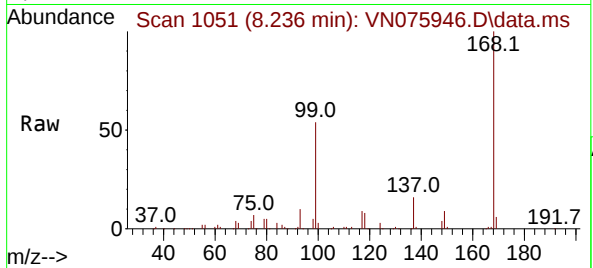




#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.141 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

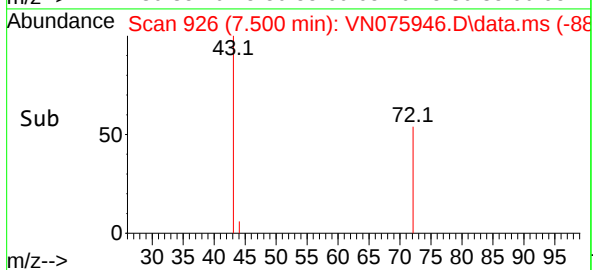
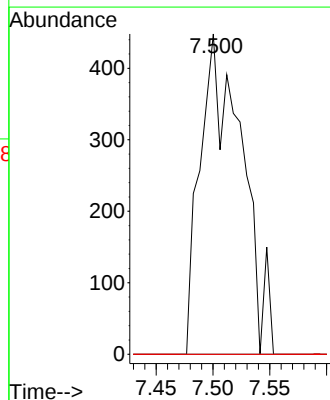
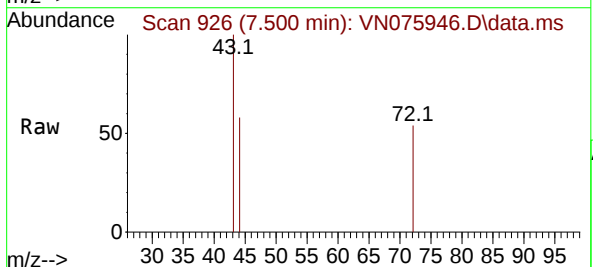
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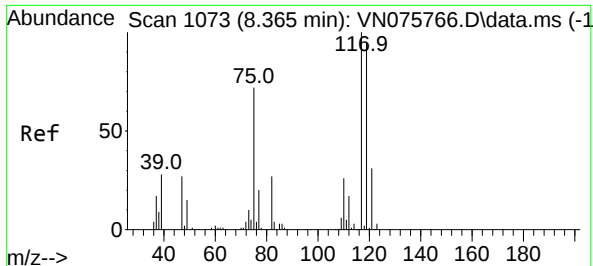
Tgt Ion: 75 Resp: 22863
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.335 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.065 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#

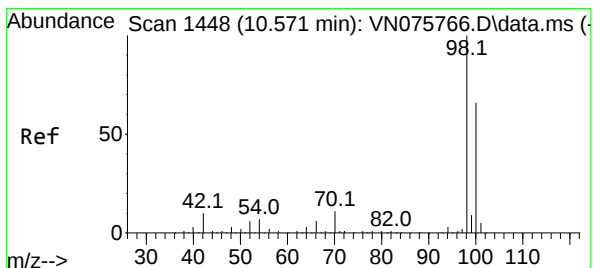
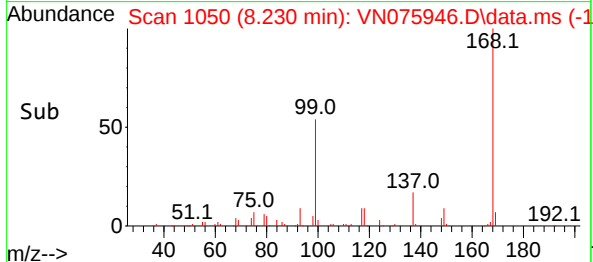
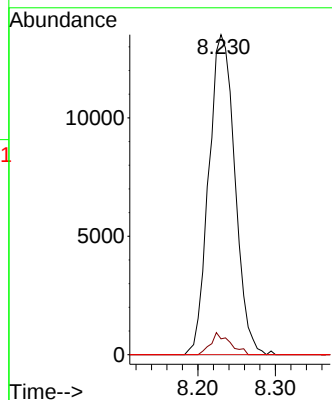
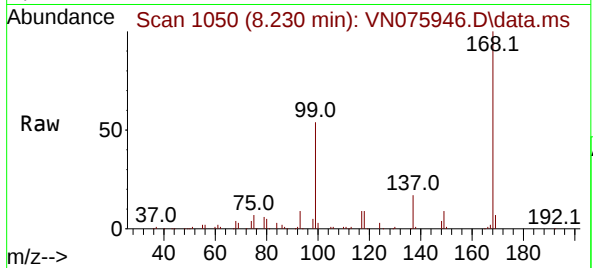




#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

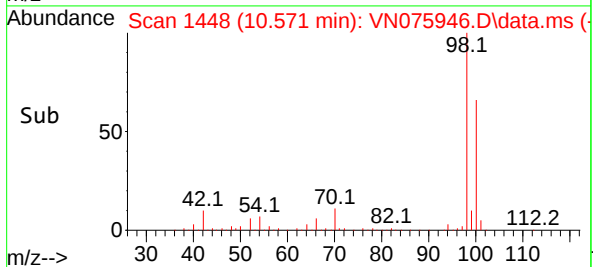
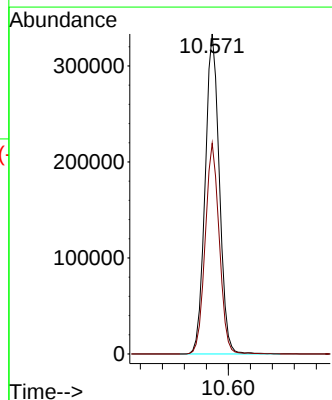
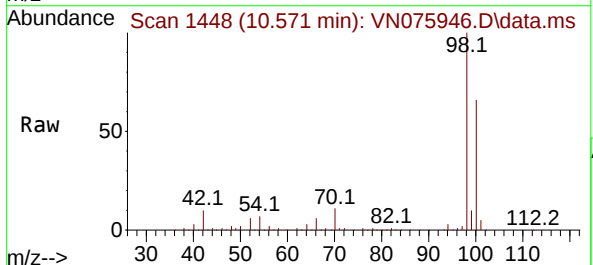
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

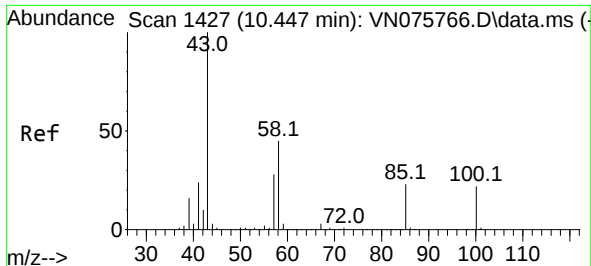
Tgt Ion:117 Resp: 31640
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 98 Resp: 597290
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

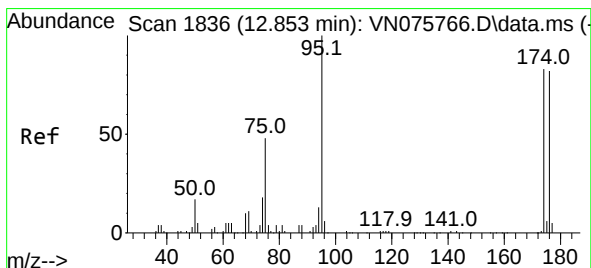
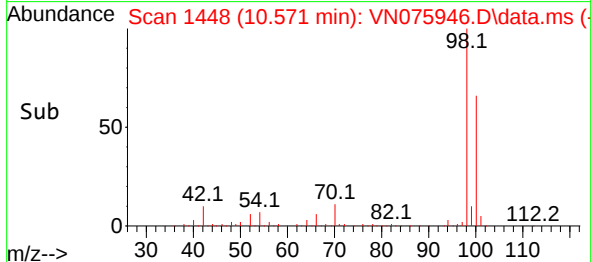
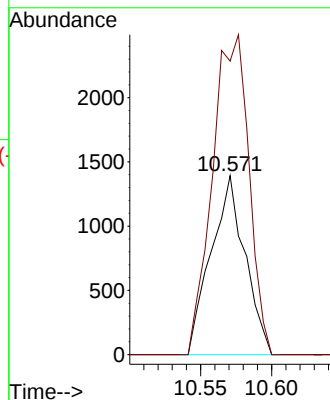
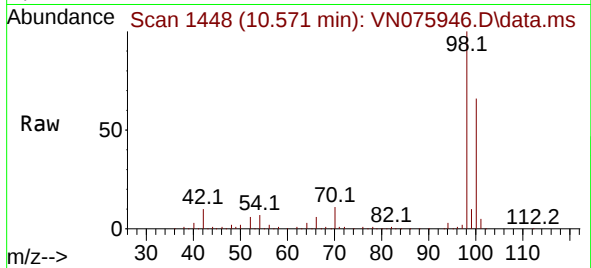




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

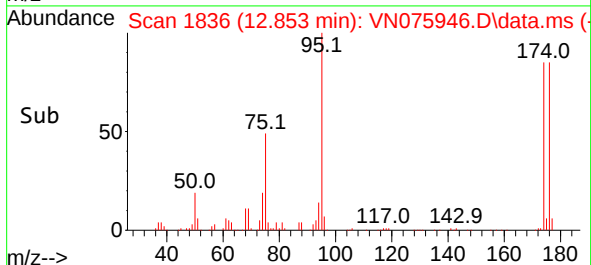
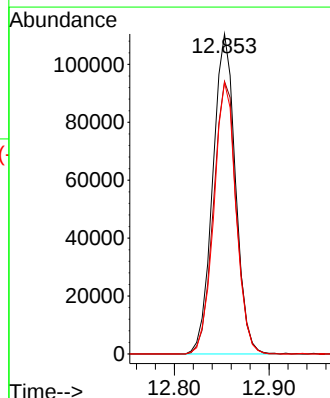
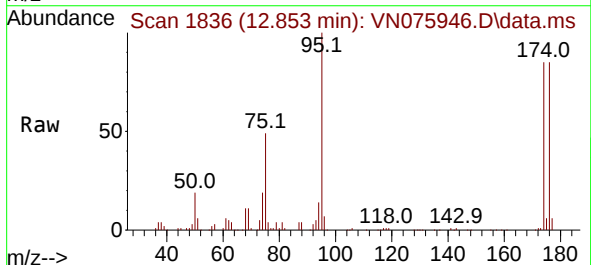
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

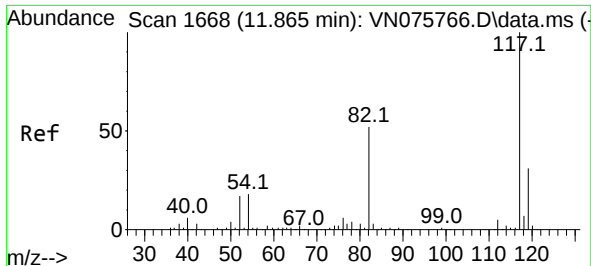
Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
58 192.0 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion: 95 Resp: 183356
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 83.0 0.0 169.2

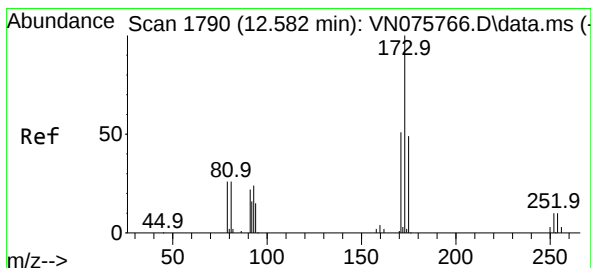
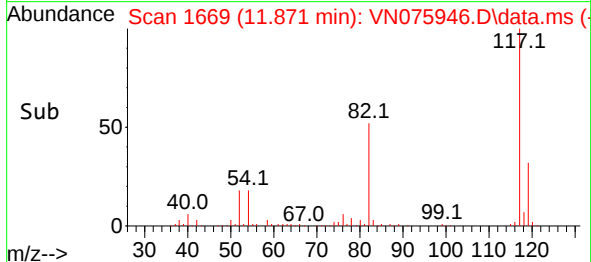
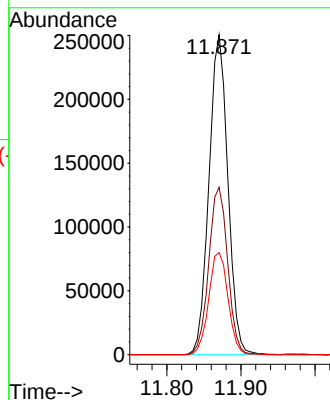
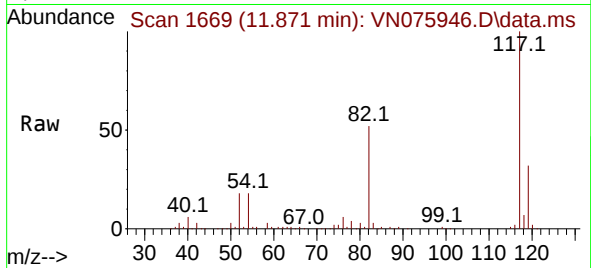




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

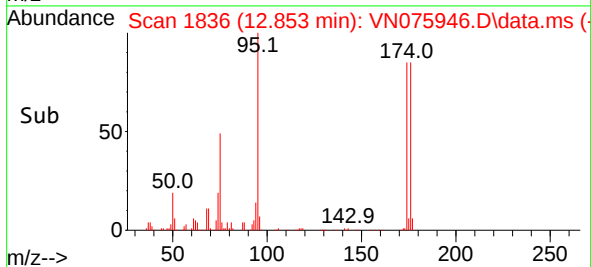
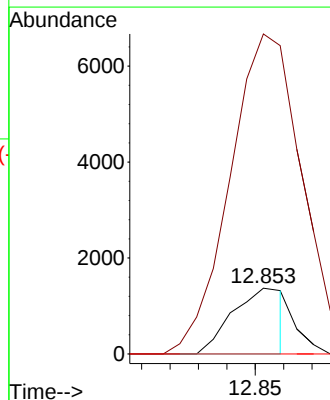
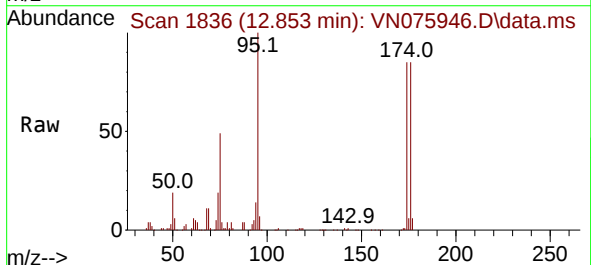
Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

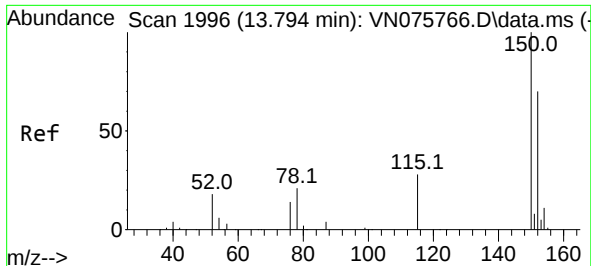
Tgt Ion:117 Resp: 443571
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 31.9 24.6 37.0



#71
Bromoform
Concen: 0.710 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion:173 Resp: 1743
Ion Ratio Lower Upper
173 100
175 511.9 24.3 72.8#
254 0.0 0.0 0.0

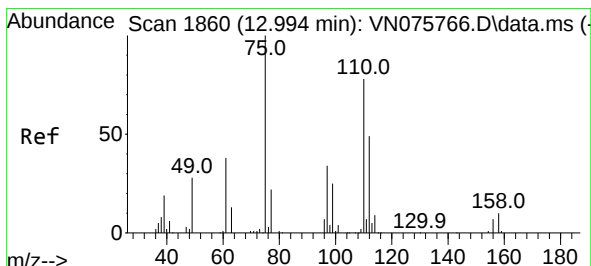
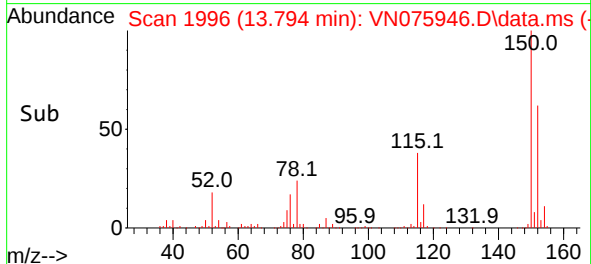
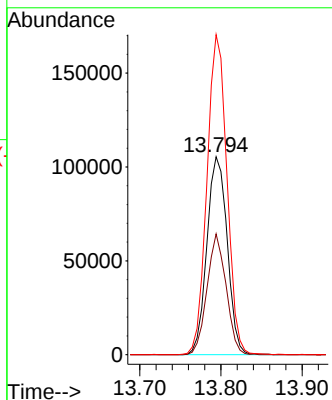
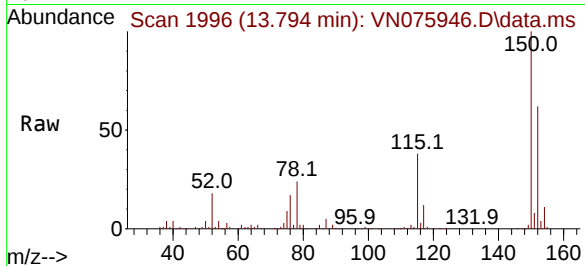




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075946.D
 Acq: 22 Dec 2022 15:39

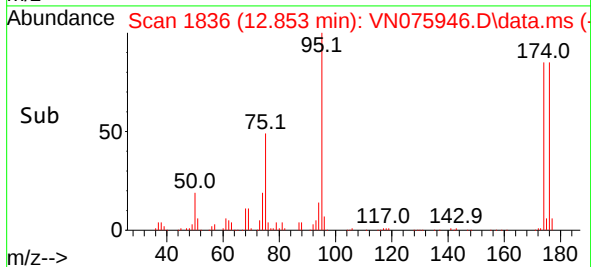
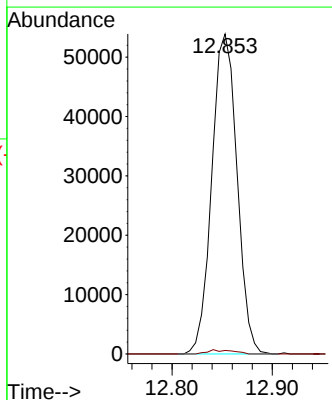
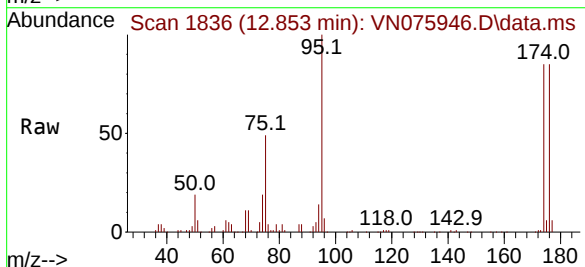
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1691

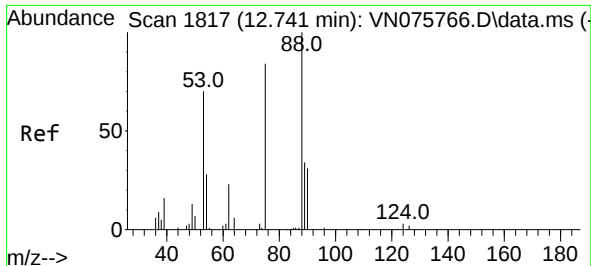
Tgt Ion:152 Resp: 183432
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.4
 150 158.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.419 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075946.D
 Acq: 22 Dec 2022 15:39

Tgt Ion: 75 Resp: 93988
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#

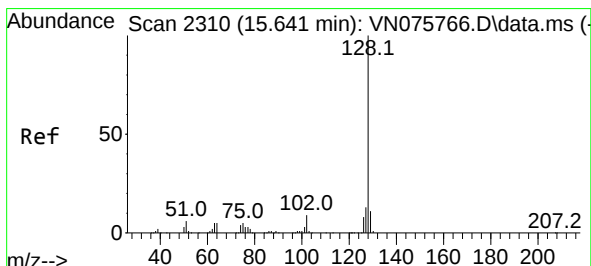
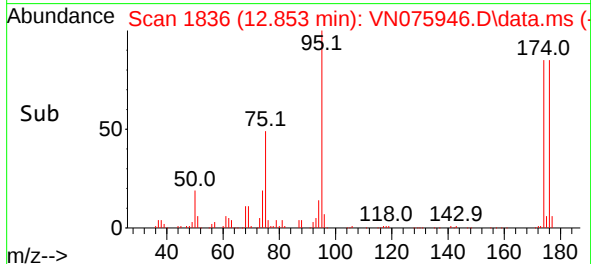
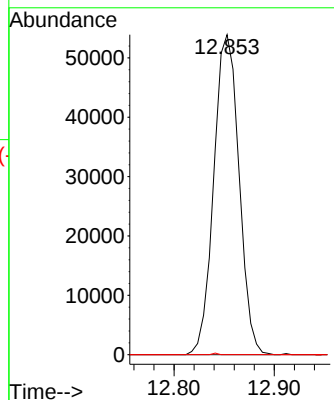
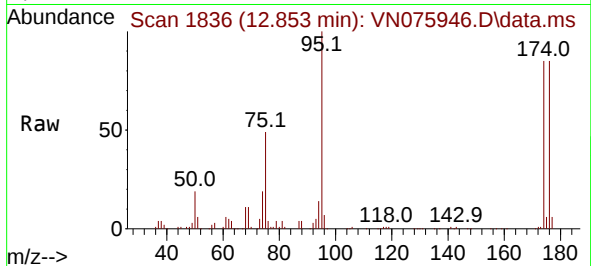




#81
trans-1,4-Dichloro-2-butene
Concen: 91.496 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
AUD-1691

Tgt Ion: 75 Resp: 93988
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#



#95
Naphthalene
Concen: 2.259 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075946.D
Acq: 22 Dec 2022 15:39

Tgt Ion:128 Resp: 855
Ion Ratio Lower Upper
128 100
127 7.6 10.4 15.6#
129 0.0 8.7 13.1#

