

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076168.D
 Acq On : 09 Jan 2023 20:04
 Operator : JC\MD
 Sample : 01086-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1845

Quant Time: Jan 10 01:13:09 2023
 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)

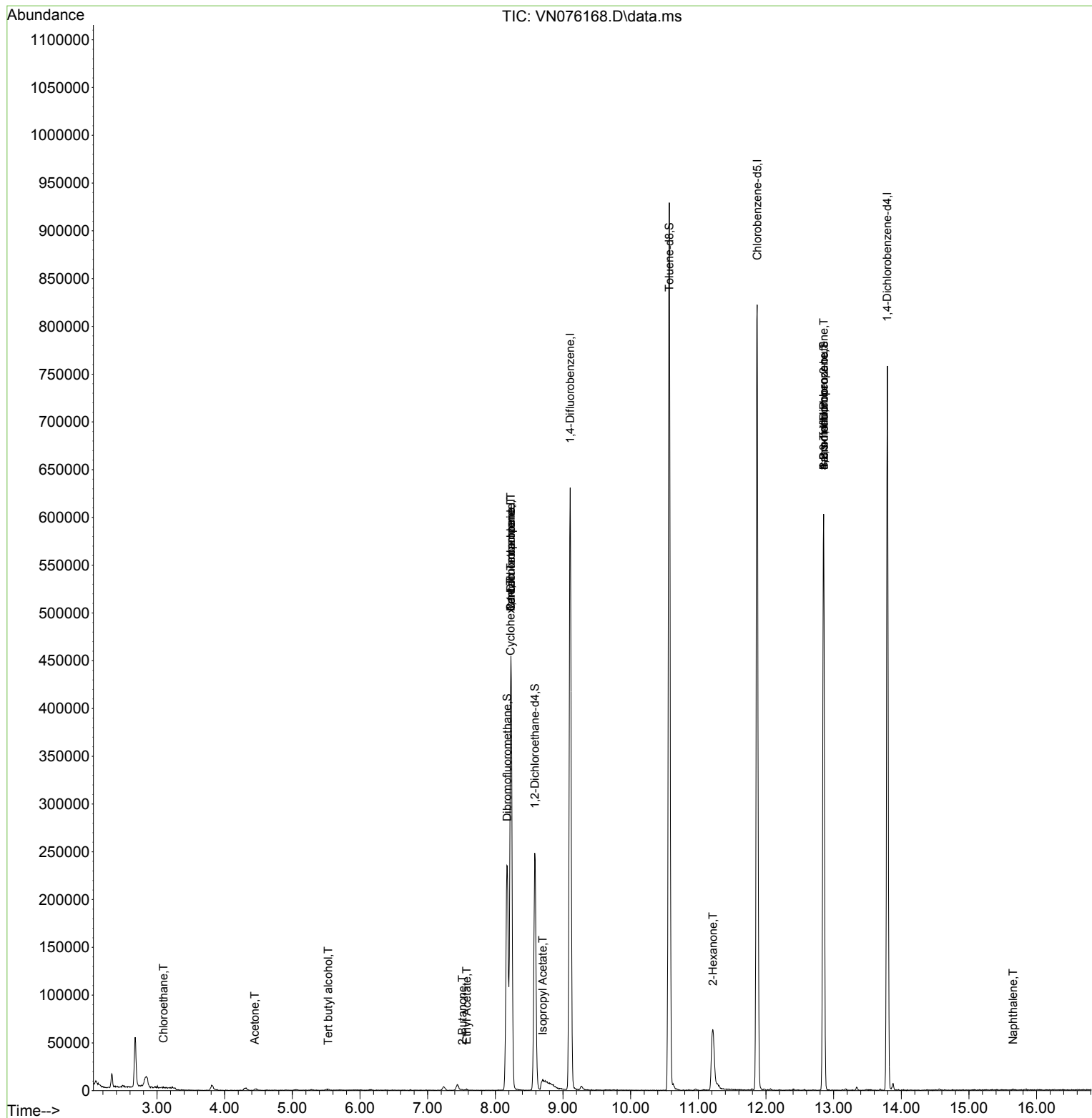
Internal Standards						
1) Pentafluorobenzene	8.229	168	348026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	197257	52.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.200%			
35) Dibromofluoromethane	8.177	113	171312	48.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.960%			
50) Toluene-d8	10.571	98	655479	49.611	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	12.853	95	206456	47.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.360%			
Target Compounds					Qvalue	
6) Chloroethane	3.095	64	683	0.252	ug/l #	44
11) Tert butyl alcohol	5.530	59	605	1.129	ug/l #	72
16) Acetone	4.447	43	3066	2.349	ug/l	89
20) Methylene Chloride	5.283	84	316	Below Cal	#	14
25) 2-Butanone	7.512	43	1313	0.718	ug/l #	40
31) Cyclohexane	8.224	56	6930	1.278	ug/l #	22
36) 1,1-Dichloropropene	8.229	75	25568	5.447	ug/l #	51
37) Ethyl Acetate	7.577	43	1974	0.524	ug/l #	70
38) Carbon Tetrachloride	8.229	117	35845	6.823	ug/l #	17
43) Isopropyl Acetate	8.700	43	10295	1.655	ug/l #	50
59) 2-Hexanone	11.218	43	29572	10.780	ug/l #	42
71) Bromoform	12.853	173	1533	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105869	24.886	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105869	89.577	ug/l #	12
95) Naphthalene	15.653	128	929	2.255	ug/l #	80

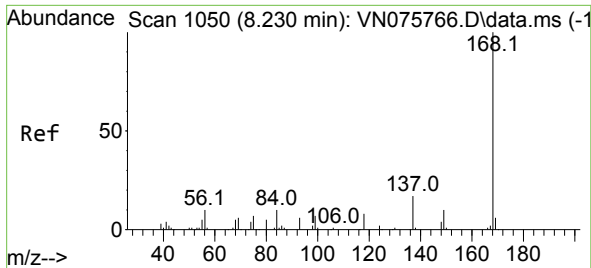
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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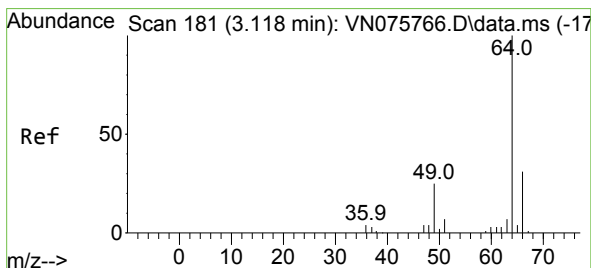
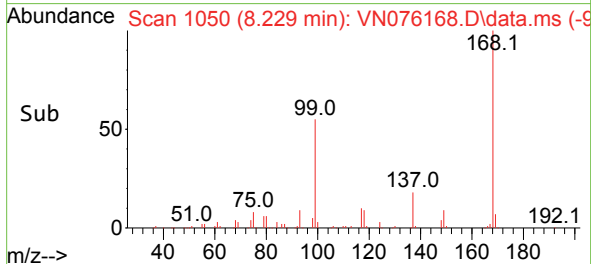
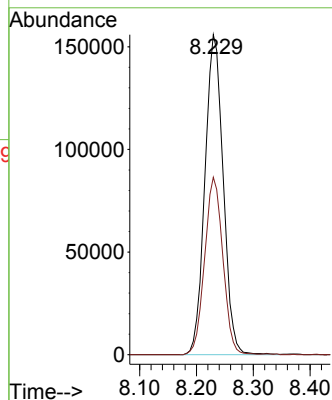
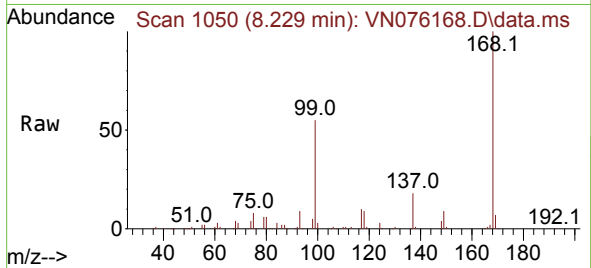




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

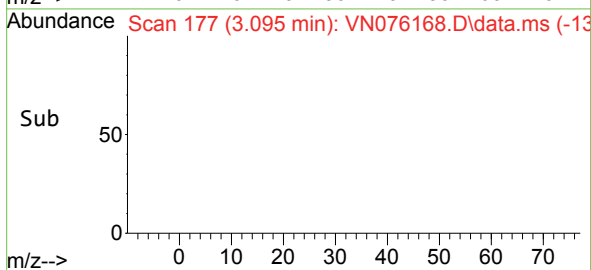
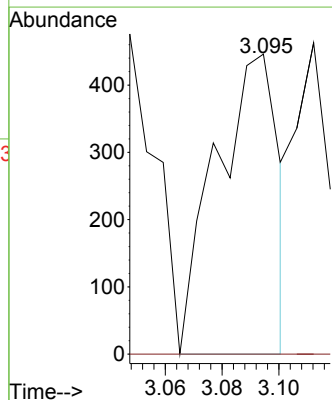
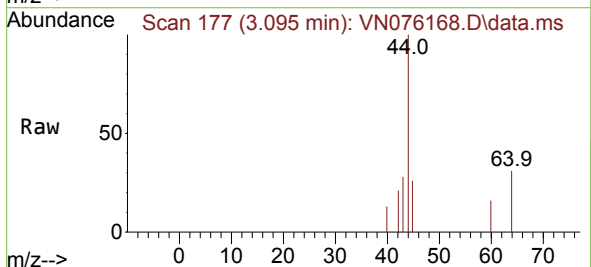
Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

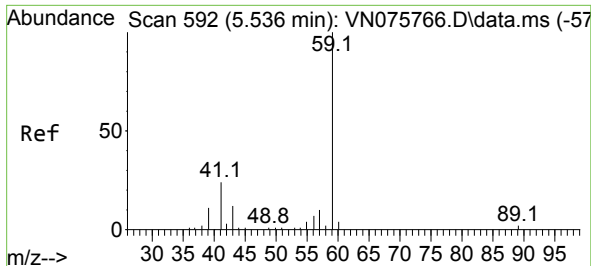
Tgt Ion:168 Resp: 348026
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#6
Chloroethane
Concen: 0.252 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.024 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 64 Resp: 683
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#





#11

Tert butyl alcohol

Concen: 1.129 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.006 min

Lab File: VN076168.D

Acq: 09 Jan 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

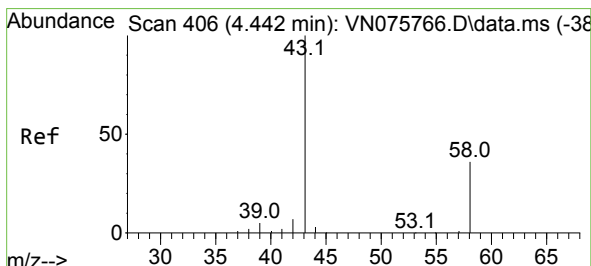
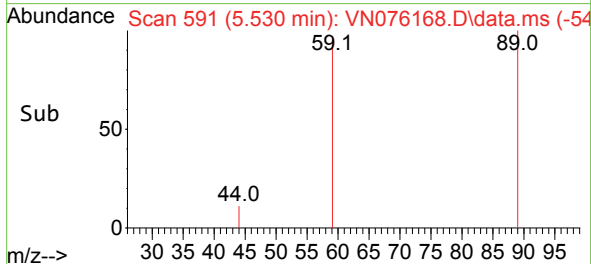
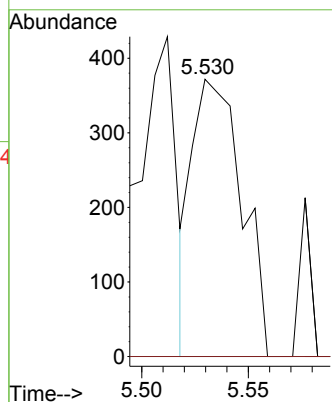
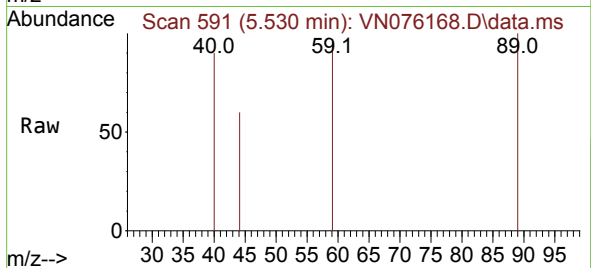
AUD-1845

Tgt Ion: 59 Resp: 605

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.349 ug/l

RT: 4.447 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN076168.D

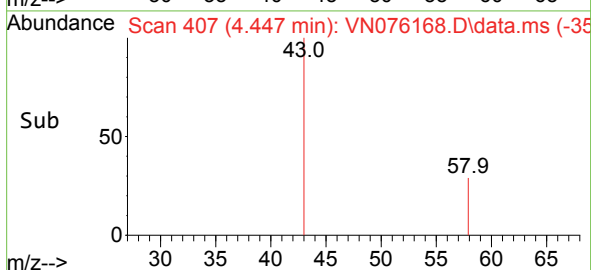
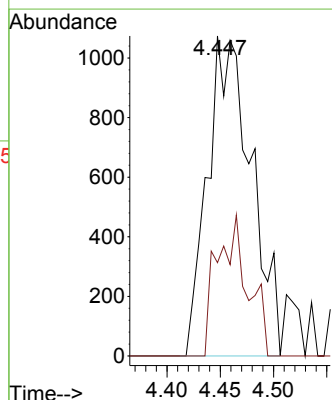
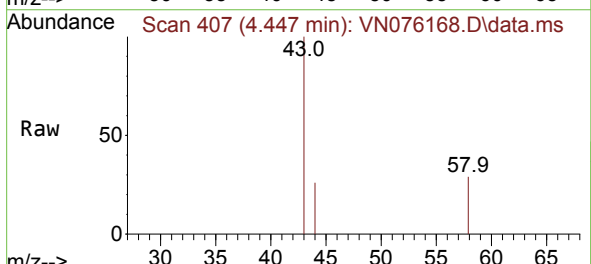
Acq: 09 Jan 2023 20:04

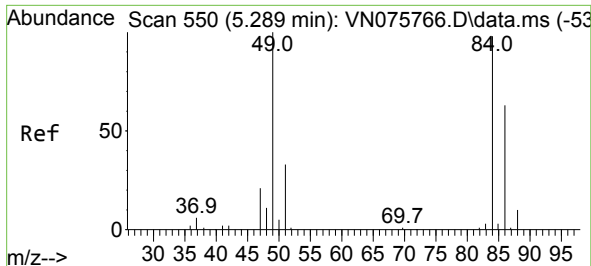
Tgt Ion: 43 Resp: 3066

Ion Ratio Lower Upper

43 100

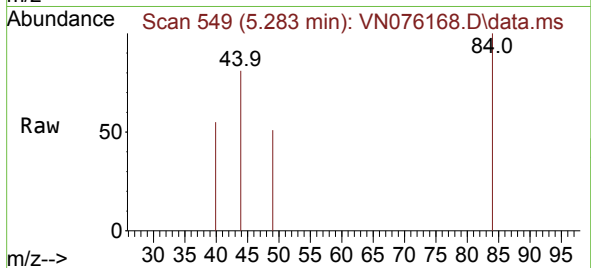
58 29.1 28.6 43.0



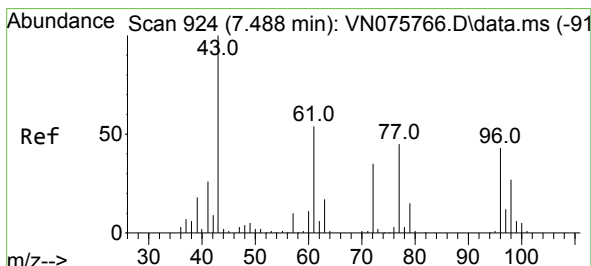
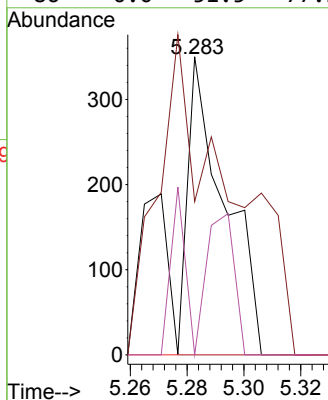
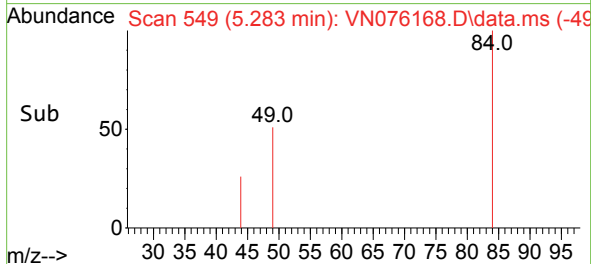


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

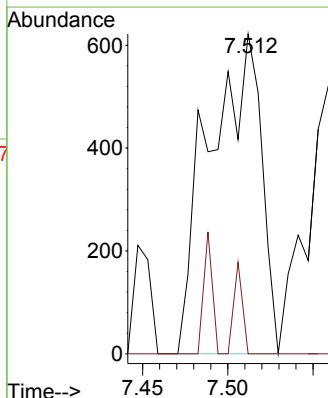
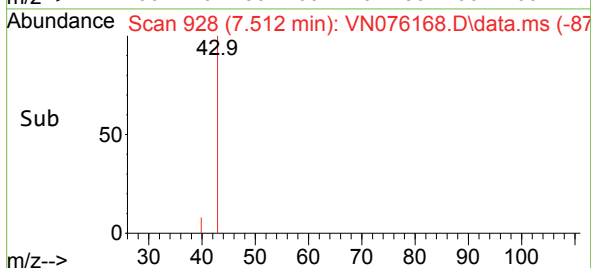
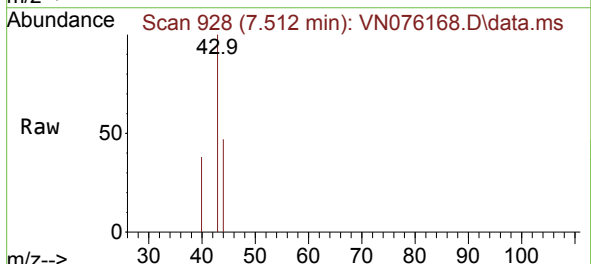


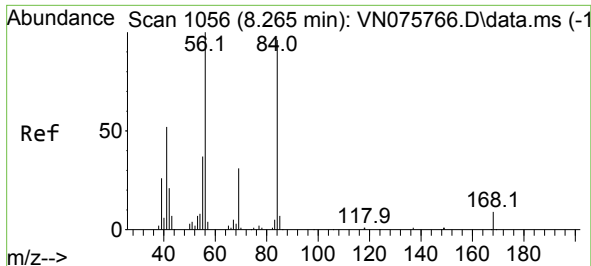
Tgt Ion: 84	Resp: 316
Ion Ratio	Lower Upper
84	100
49	4.6 81.8 122.6#
51	0.0 26.7 40.1#
86	0.0 51.5 77.3#



#25
2-Butanone
Concen: 0.718 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 43	Resp: 1313
Ion Ratio	Lower Upper
43	100
72	0.0 28.0 42.0#

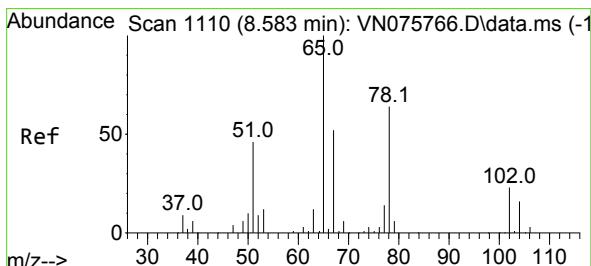
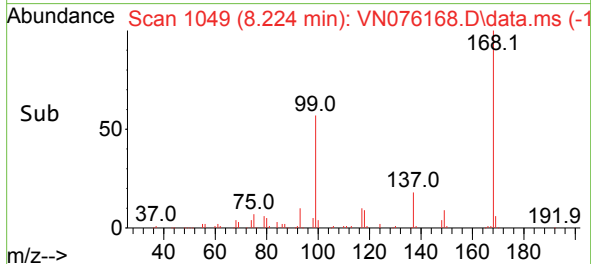
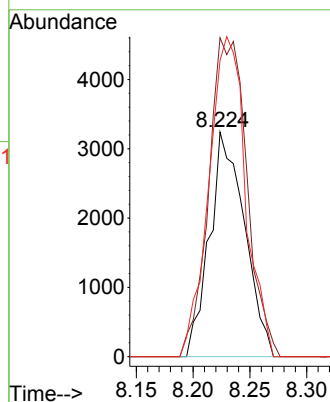
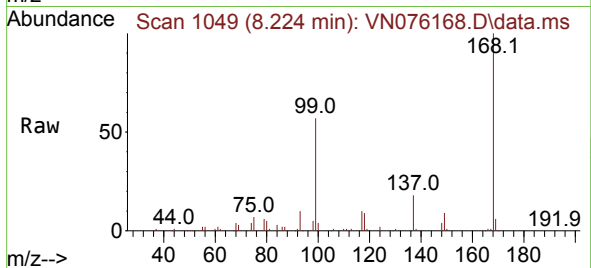




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

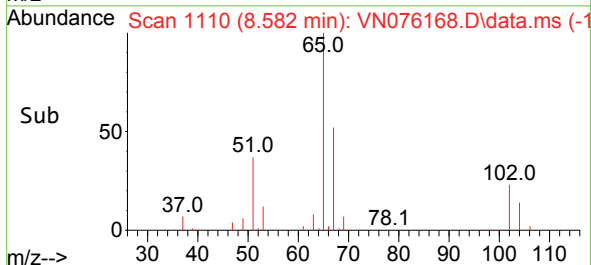
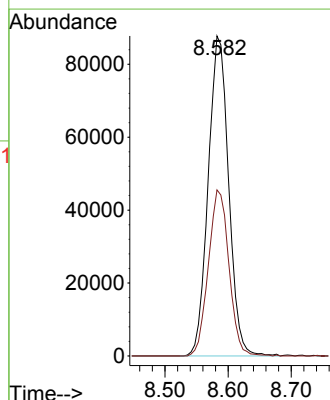
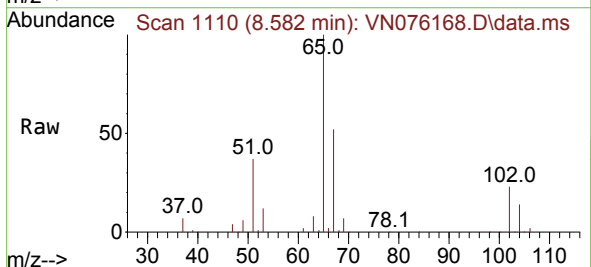
Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

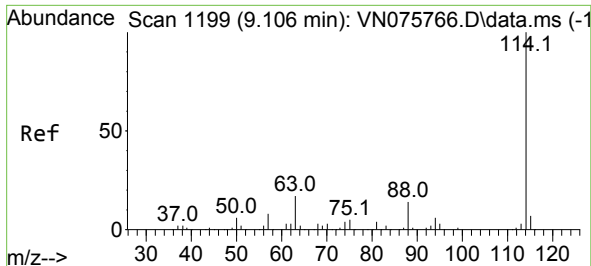
Tgt Ion: 56 Resp: 6930
Ion Ratio Lower Upper
56 100
69 142.1 24.7 37.1#
84 132.0 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 52.099 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 65 Resp: 197257
Ion Ratio Lower Upper
65 100
67 52.3 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: VN076168.D

Acq: 09 Jan 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

AUD-1845

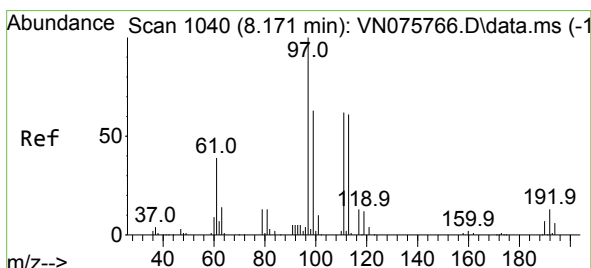
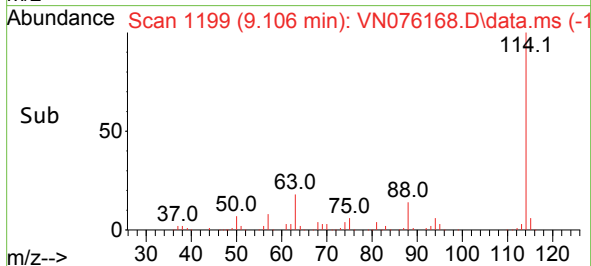
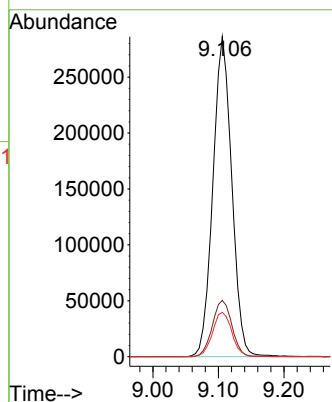
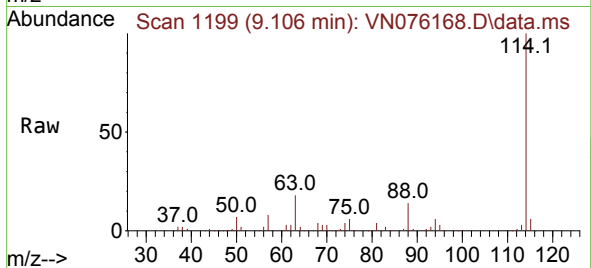
Tgt Ion:114 Resp: 570618

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 13.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.479 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076168.D

Acq: 09 Jan 2023 20:04

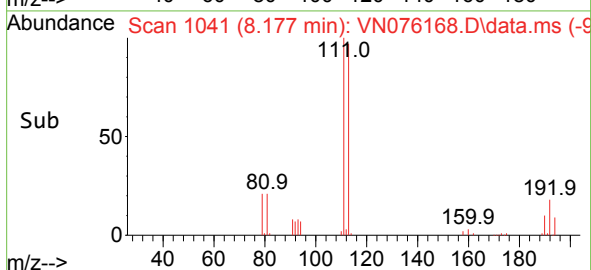
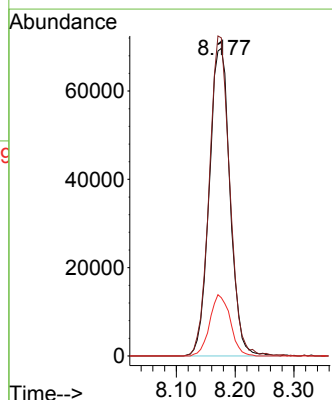
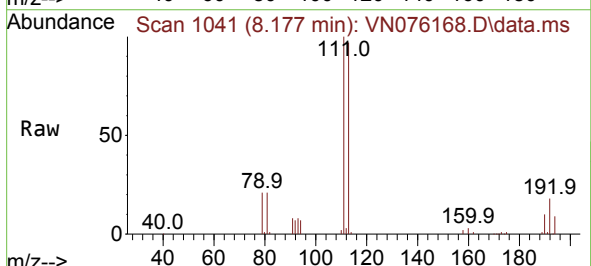
Tgt Ion:113 Resp: 171312

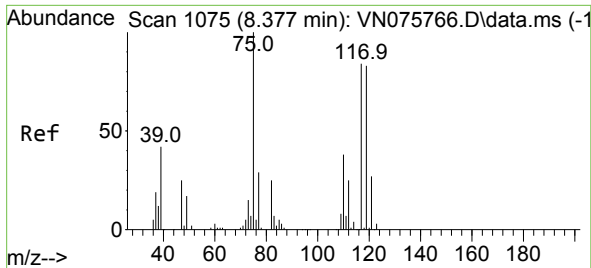
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

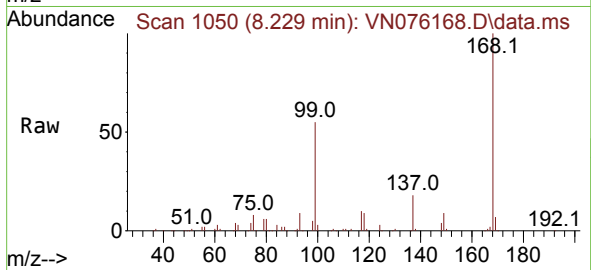
192 19.6 16.1 24.1



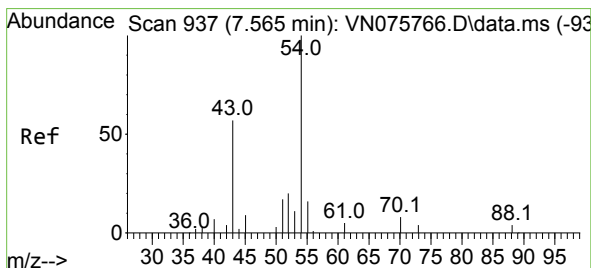
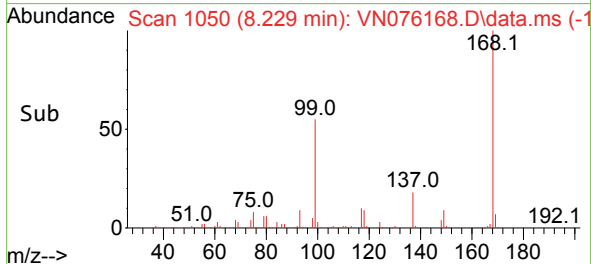
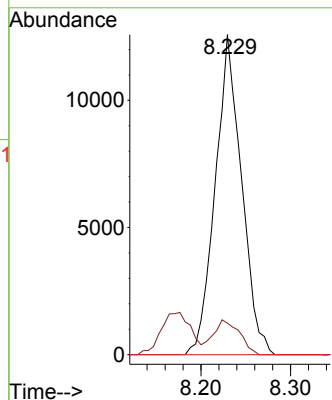


#36
1,1-Dichloropropene
Concen: 5.447 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

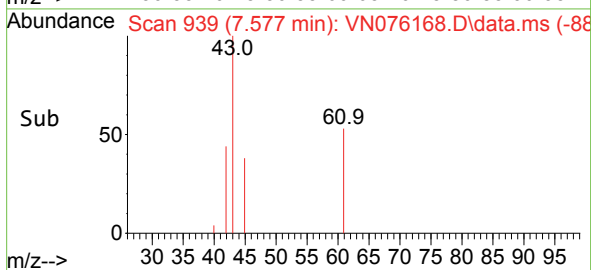
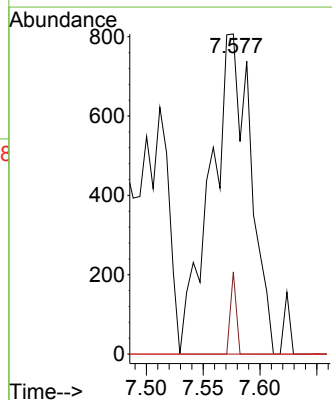
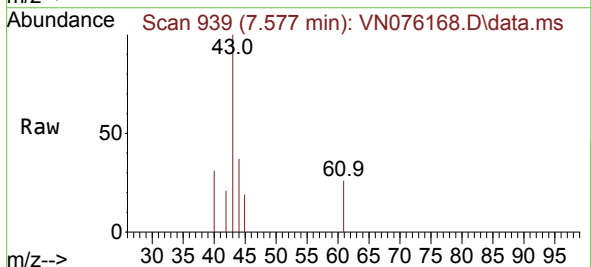


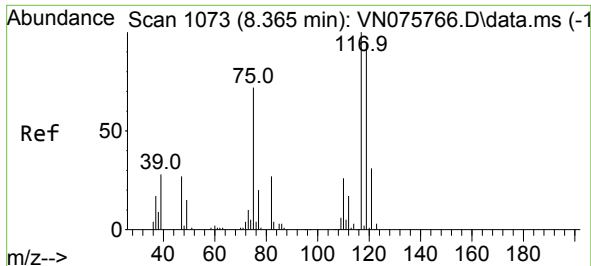
Tgt Ion: 75 Resp: 25568
Ion Ratio Lower Upper
75 100
110 11.0 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.524 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

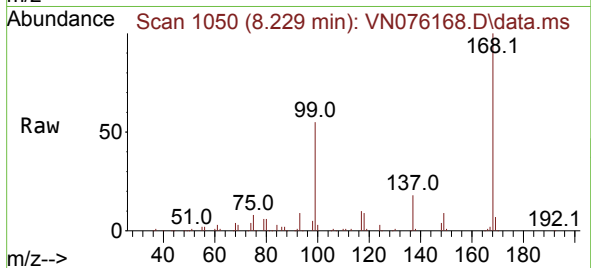
Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
61 3.7 13.0 19.4#
70 0.0 9.4 14.0#



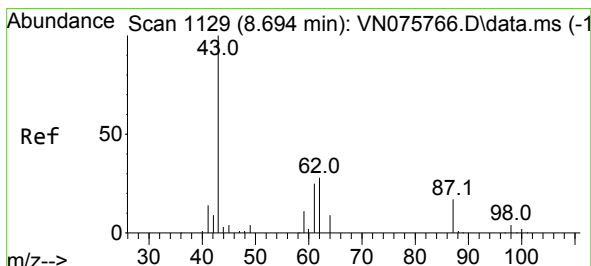
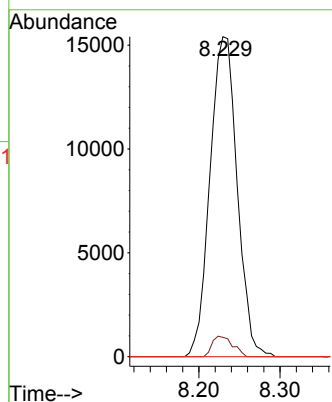
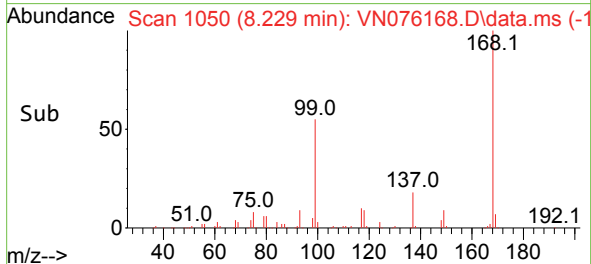


#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

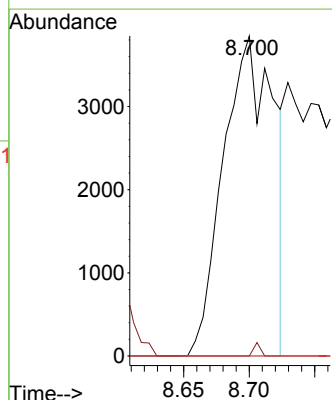
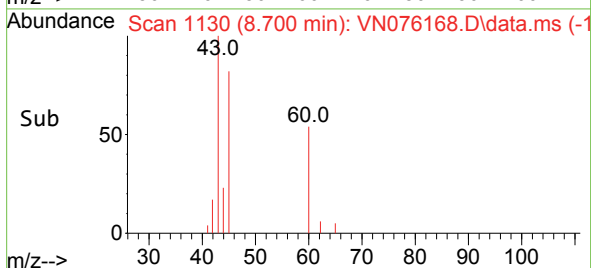
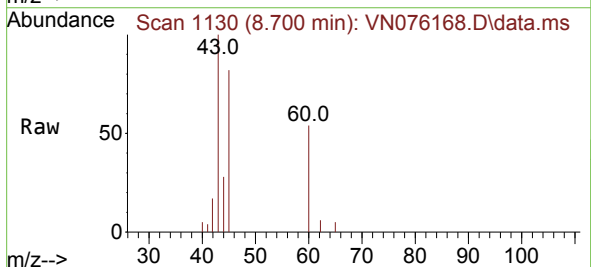


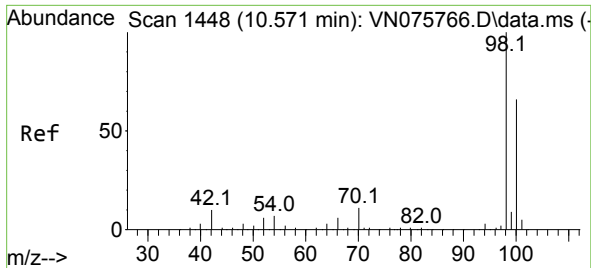
Tgt Ion:117 Resp: 35845
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 1.655 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 43 Resp: 10295
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

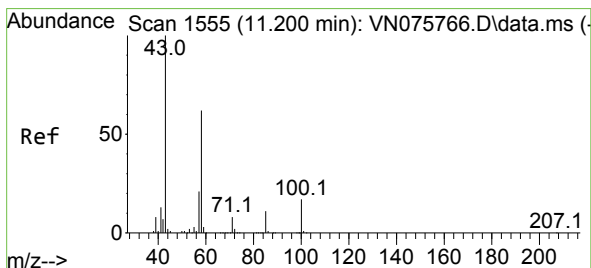
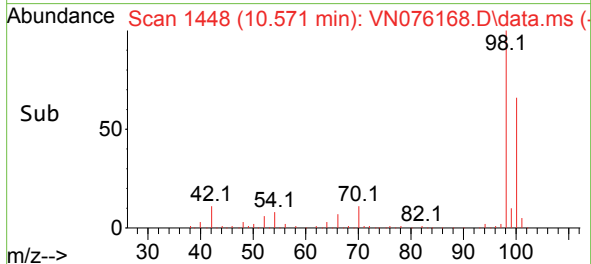
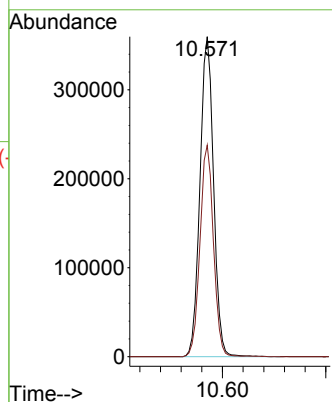
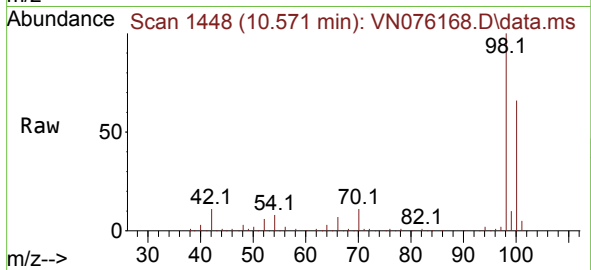




#50
Toluene-d8
Concen: 49.611 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

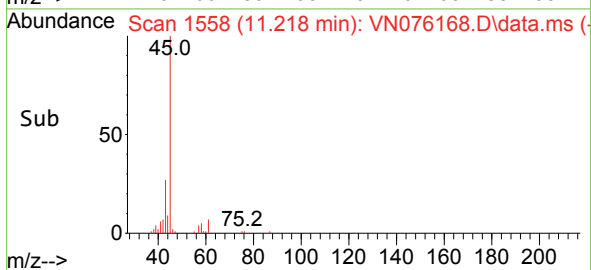
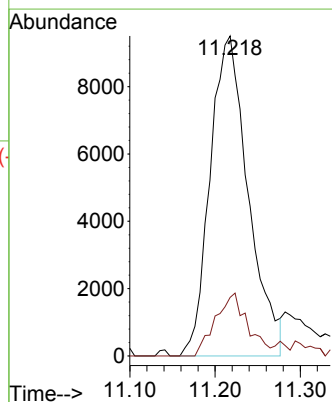
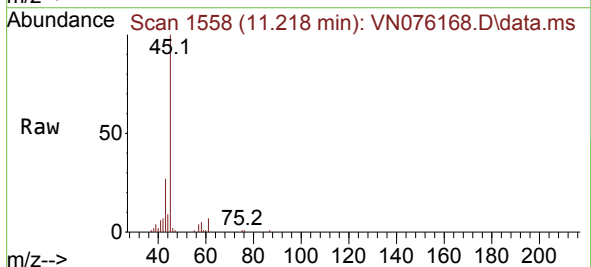
Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

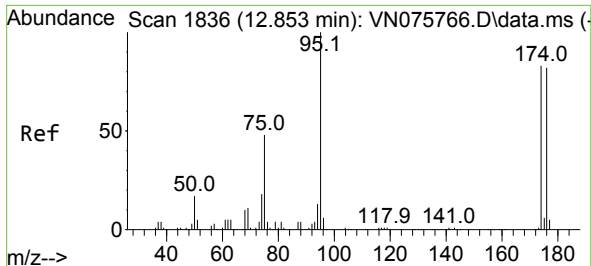
Tgt Ion: 98 Resp: 655479
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#59
2-Hexanone
Concen: 10.780 ug/l
RT: 11.218 min Scan# 1558
Delta R.T. 0.018 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 43 Resp: 29572
Ion Ratio Lower Upper
43 100
58 16.6 30.6 92.0#

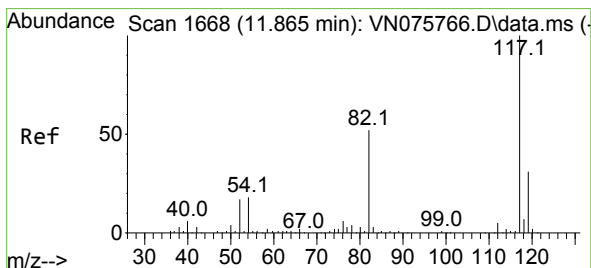
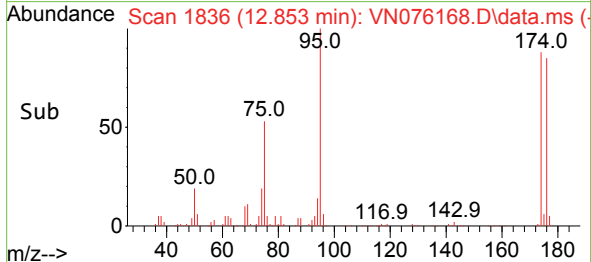
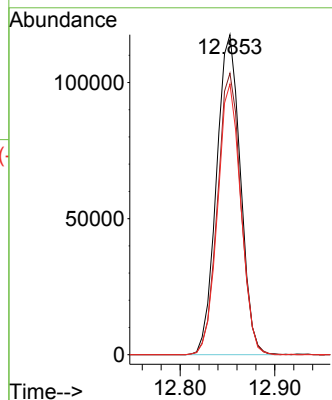
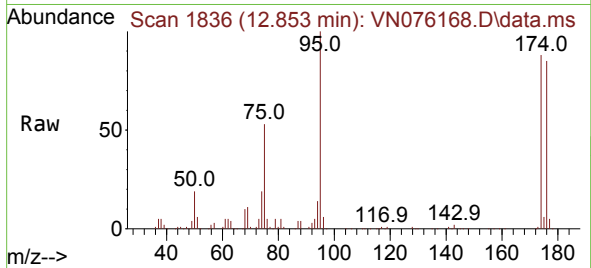




#62
4-Bromofluorobenzene
Concen: 47.179 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

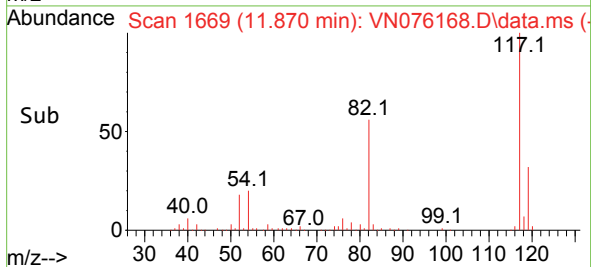
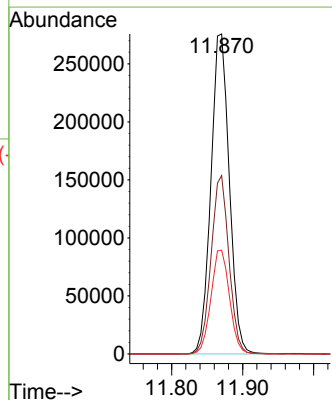
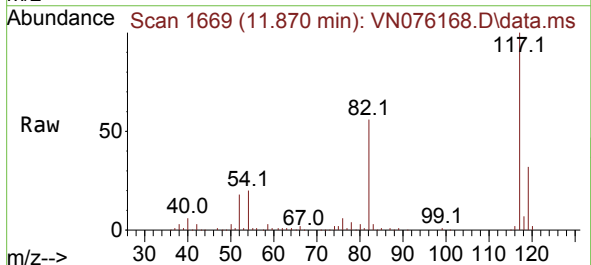
Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

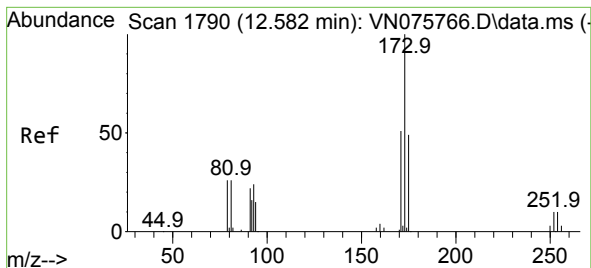
Tgt Ion: 95 Resp: 206456
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 82.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 117 Resp: 496685
Ion Ratio Lower Upper
117 100
82 55.8 41.3 61.9
119 32.5 24.6 37.0





#71

Bromoform

Concen: 0.558 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN076168.D

Acq: 09 Jan 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

AUD-1845

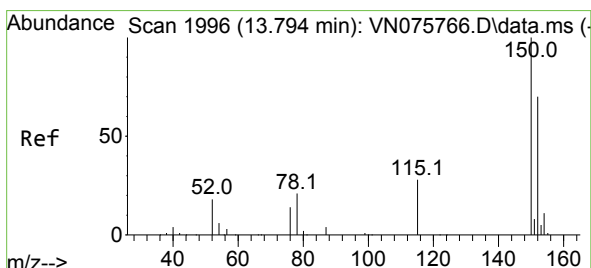
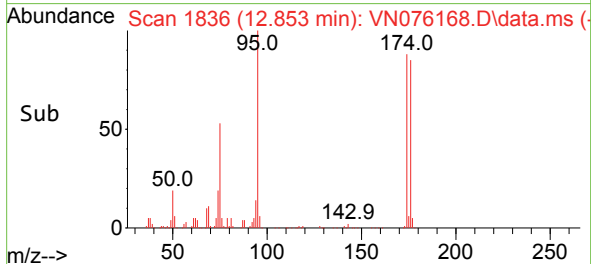
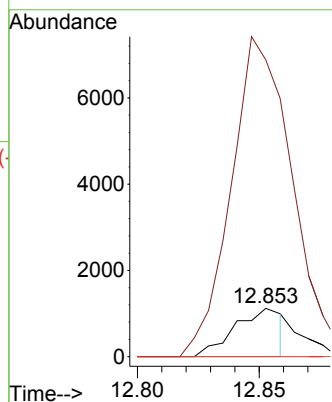
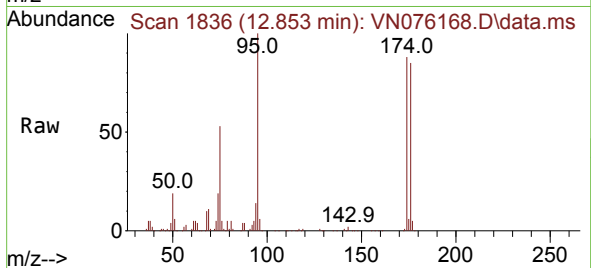
Tgt Ion:173 Resp: 1533

Ion Ratio Lower Upper

173 100

175 675.7 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: VN076168.D

Acq: 09 Jan 2023 20:04

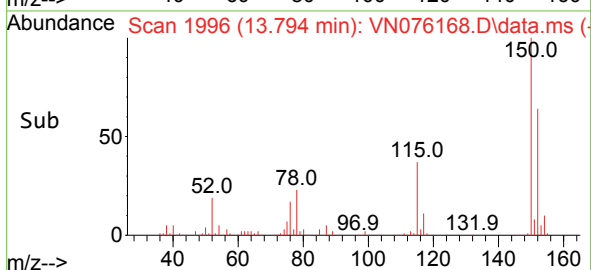
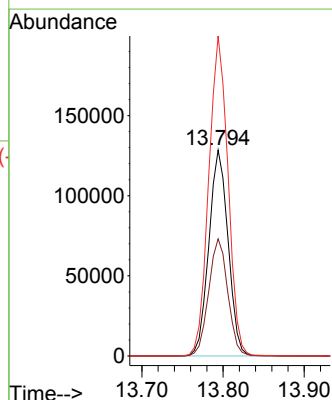
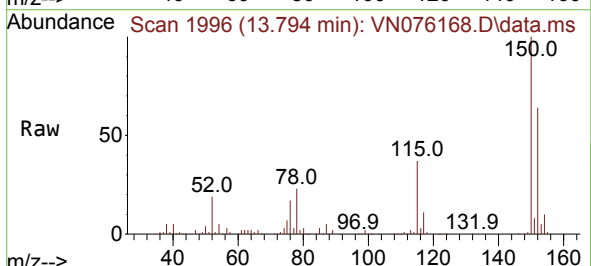
Tgt Ion:152 Resp: 211045

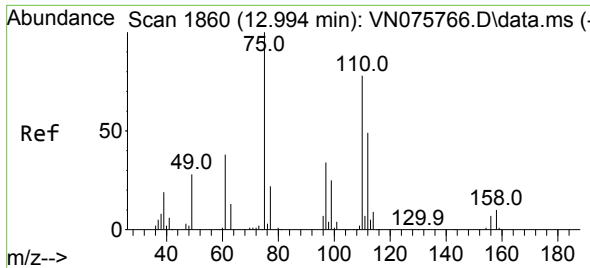
Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.4

150 155.6 0.0 347.0

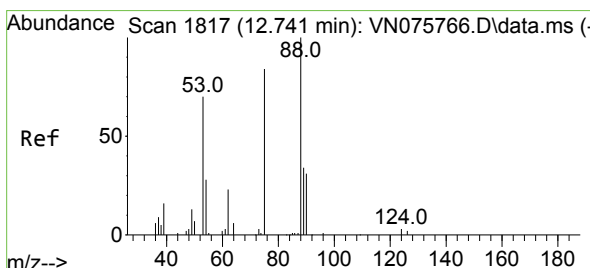
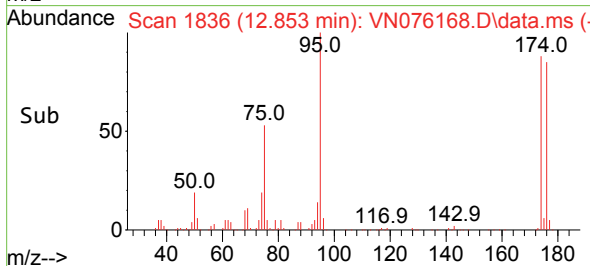
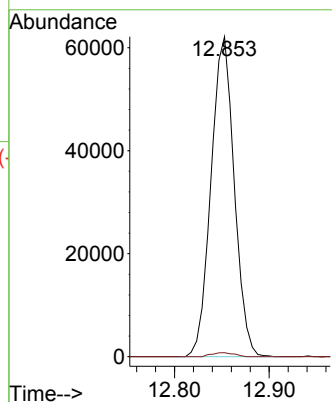
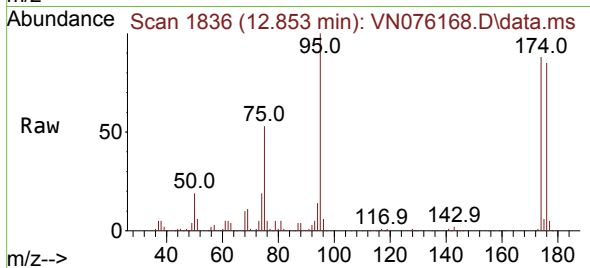




#76
1,2,3-Trichloropropane
Concen: 24.886 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

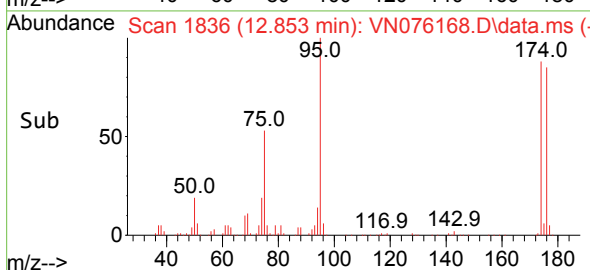
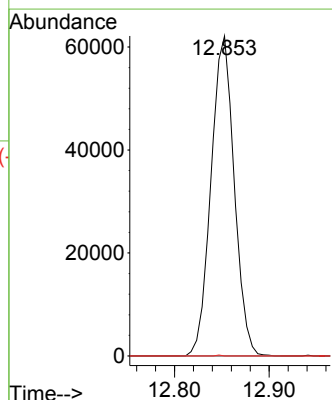
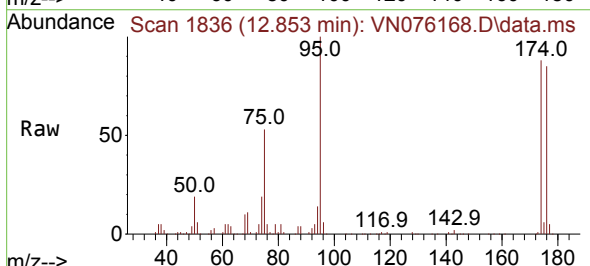
Instrument :
MSVOA_N
ClientSampleId :
AUD-1845

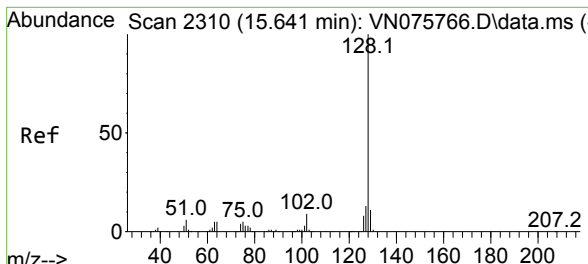
Tgt Ion: 75 Resp: 105869
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.577 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076168.D
Acq: 09 Jan 2023 20:04

Tgt Ion: 75 Resp: 105869
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
 Naphthalene
 Concen: 2.255 ug/l
 RT: 15.653 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN076168.D
 Acq: 09 Jan 2023 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1845

Tgt Ion:	128	Resp:	929
Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.4	15.6#
129	0.0	8.7	13.1#

