

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076167.D
 Acq On : 09 Jan 2023 19:40
 Operator : JC\MD
 Sample : 01086-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1843

Quant Time: Jan 10 01:12:45 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)

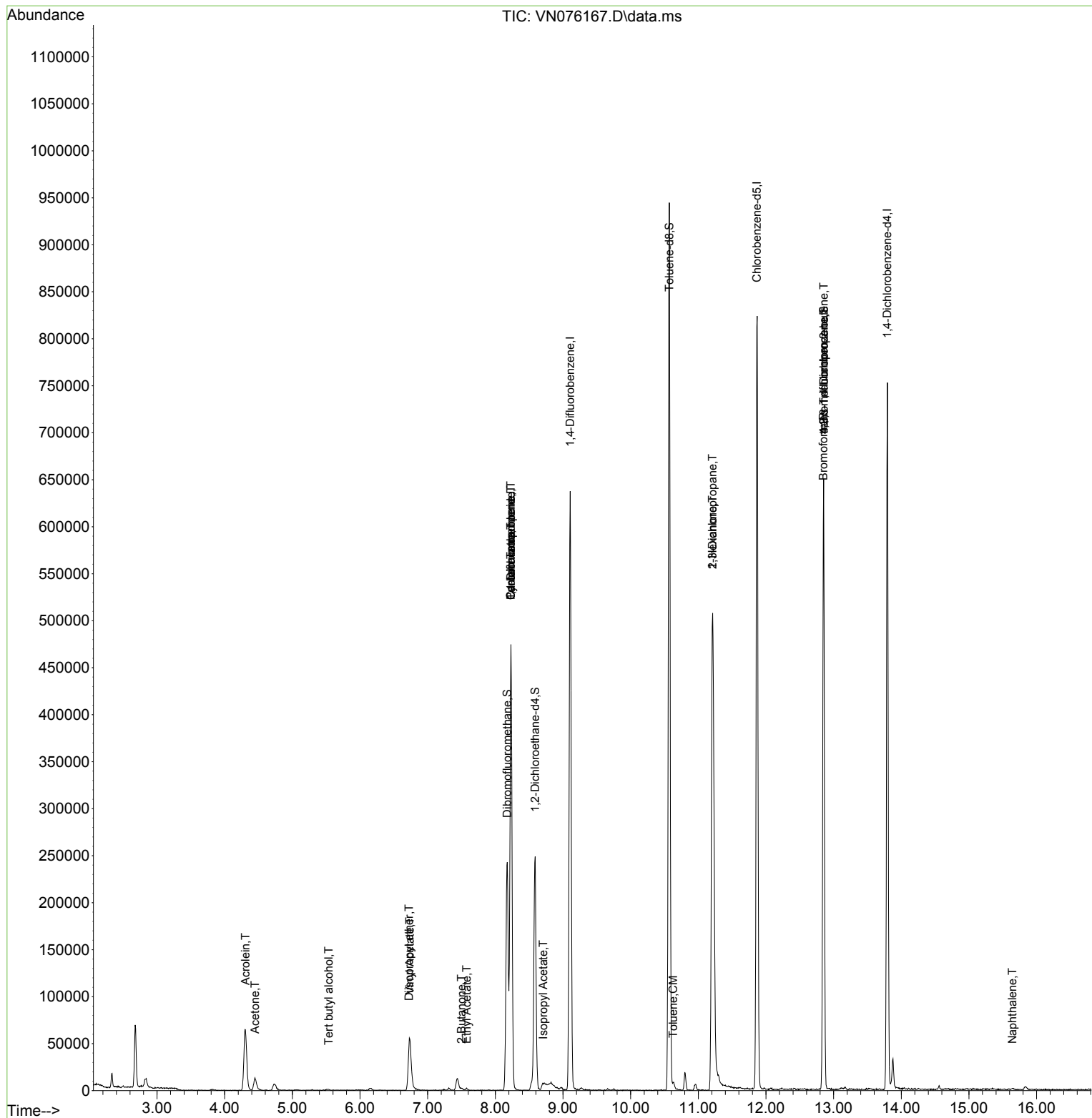
Internal Standards						
1) Pentafluorobenzene	8.230	168	351438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	506108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	196881	51.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.980%
35) Dibromofluoromethane	8.177	113	172649	48.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	656339	49.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	208674	47.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	1153	2.131	ug/l #	72
13) Acrolein	4.306	56	1464	2.207	ug/l #	1
16) Acetone	4.448	43	25188	19.111	ug/l	93
20) Methylene Chloride	5.289	84	438	Below Cal	#	77
22) Diisopropyl ether	6.724	45	4429	0.501	ug/l #	1
23) Vinyl Acetate	6.736	43	11021	1.851	ug/l #	65
25) 2-Butanone	7.500	43	3607	1.955	ug/l	99
31) Cyclohexane	8.230	56	6775	1.237	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26176	5.532	ug/l #	50
37) Ethyl Acetate	7.577	43	3168	0.833	ug/l #	79
38) Carbon Tetrachloride	8.230	117	36095	6.815	ug/l #	15
43) Isopropyl Acetate	8.706	43	4385	0.699	ug/l #	50
52) Toluene	10.630	92	3048	0.321	ug/l	90
57) 1,3-Dichloropropane	11.212	76	5236	0.855	ug/l #	42
59) 2-Hexanone	11.212	43	198985	71.957	ug/l #	34
71) Bromoform	12.847	173	1583	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109954	26.497	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109954	95.376	ug/l #	12
95) Naphthalene	15.641	128	2090	2.356	ug/l #	91

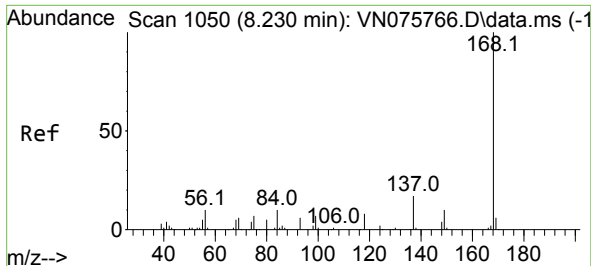
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076167.D
Acq On : 09 Jan 2023 19:40
Operator : JC\MD
Sample : 01086-05 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

Quant Time: Jan 10 01:12:45 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

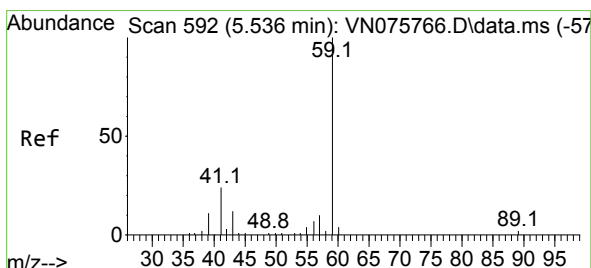
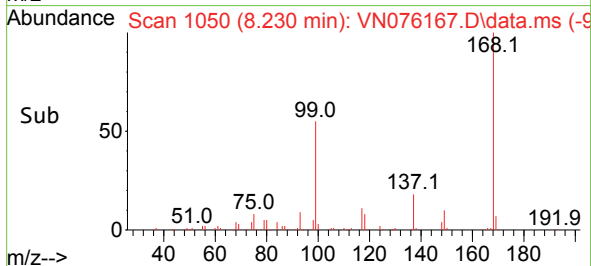
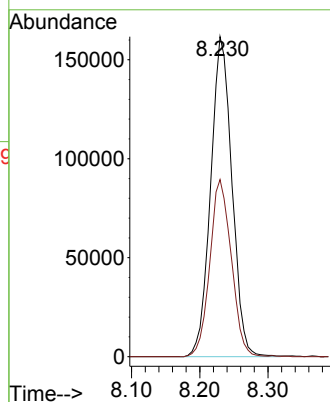
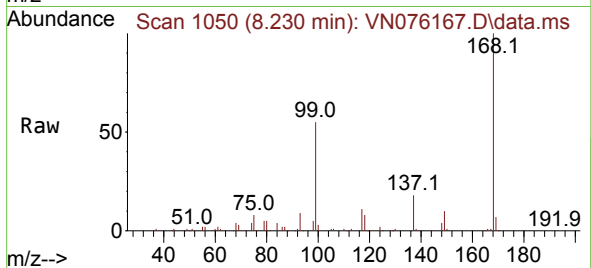




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

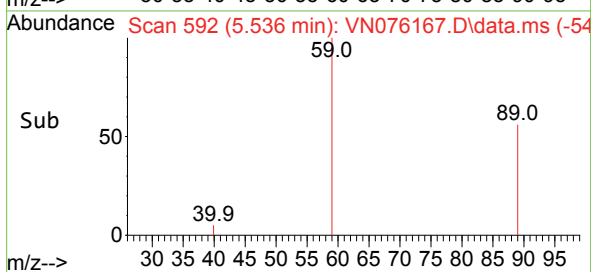
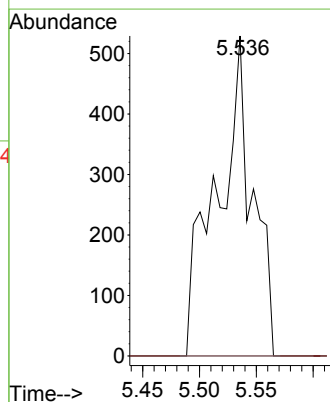
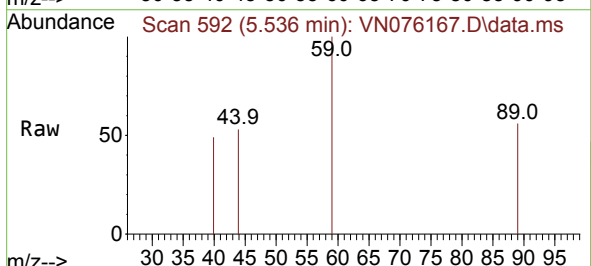
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

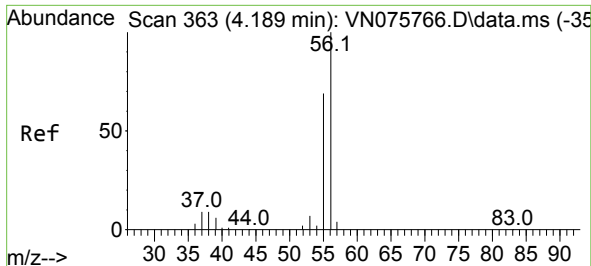
Tgt Ion:168 Resp: 351438
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 2.131 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 59 Resp: 1153
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 2.207 ug/l

RT: 4.306 min Scan# 31

Delta R.T. 0.118 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

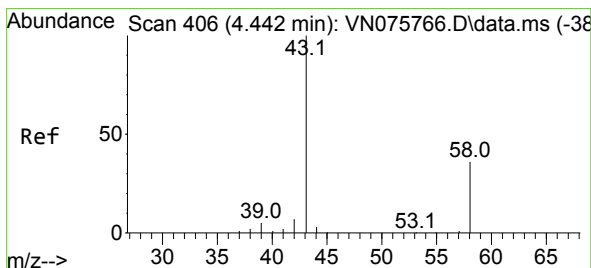
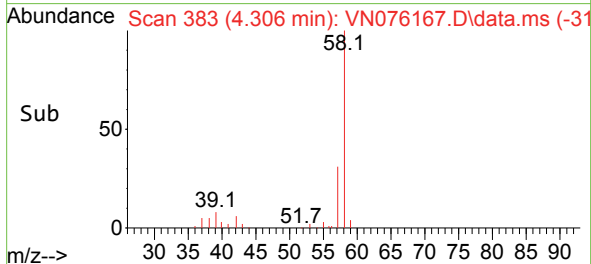
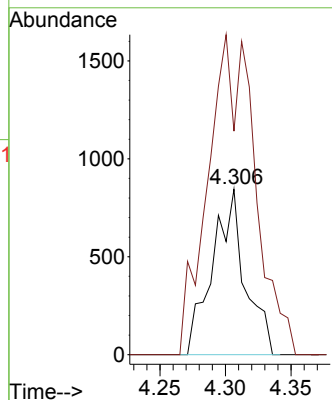
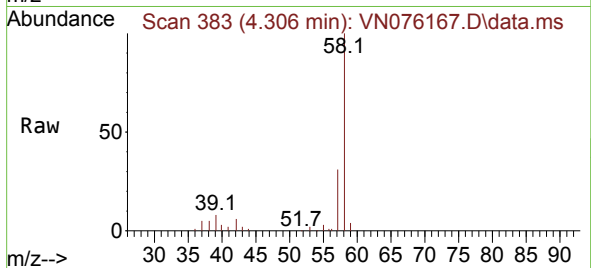
AUD-1843

Tgt Ion: 56 Resp: 1464

Ion Ratio Lower Upper

56 100

55 279.6 54.8 82.2#



#16

Acetone

Concen: 19.111 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN076167.D

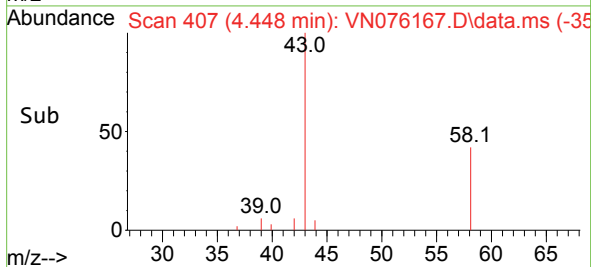
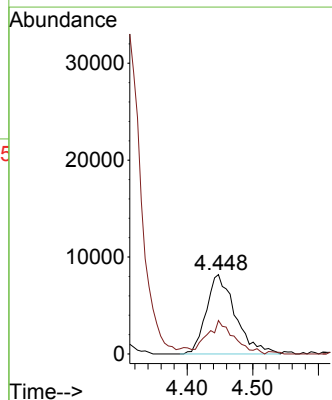
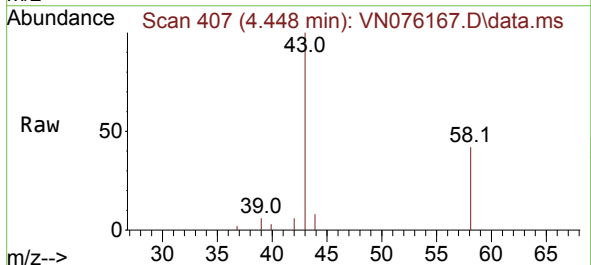
Acq: 09 Jan 2023 19:40

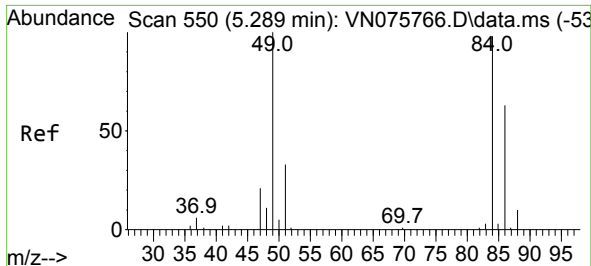
Tgt Ion: 43 Resp: 25188

Ion Ratio Lower Upper

43 100

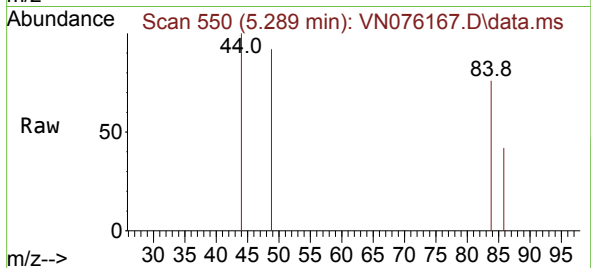
58 40.2 28.6 43.0



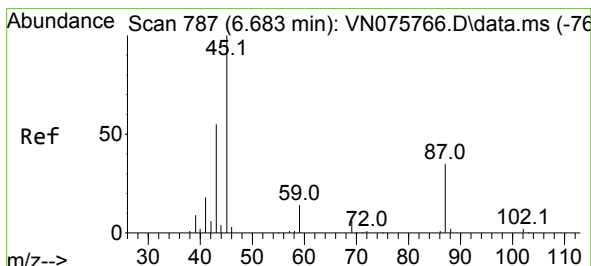
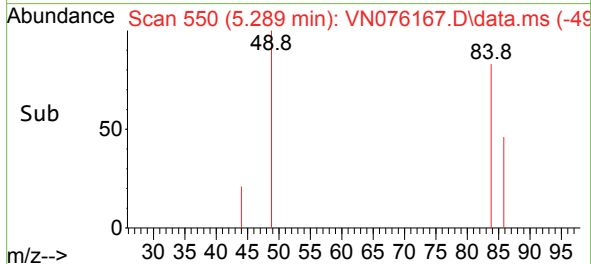
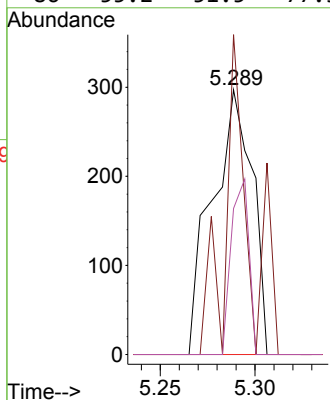


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

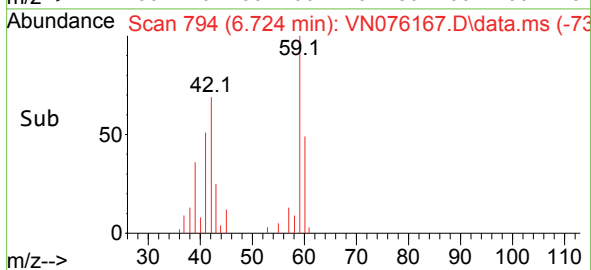
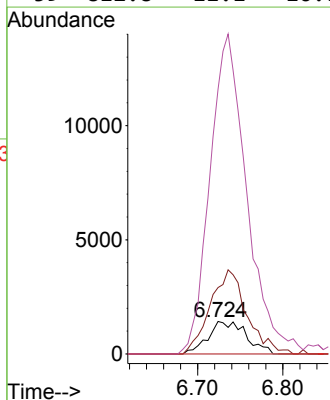
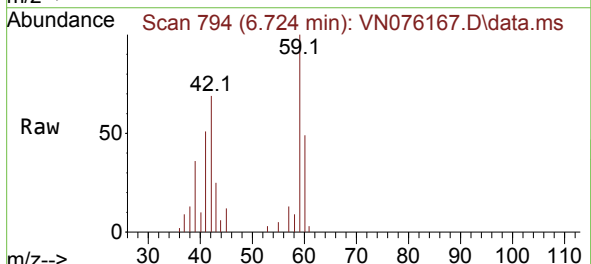


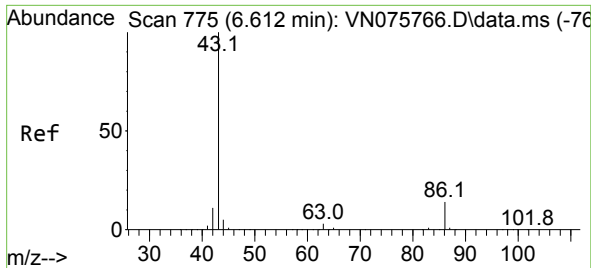
Tgt Ion: 84	Resp: 438
Ion Ratio	Lower Upper
84 100	
49 120.9	81.8 122.6
51 0.0	26.7 40.1#
86 55.2	51.5 77.3



#22
Diisopropyl ether
Concen: 0.501 ug/l
RT: 6.724 min Scan# 794
Delta R.T. 0.041 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 45	Resp: 4429
Ion Ratio	Lower Upper
45 100	
43 204.1	44.2 66.4#
87 0.0	28.3 42.5#
59 812.8	11.1 16.7#

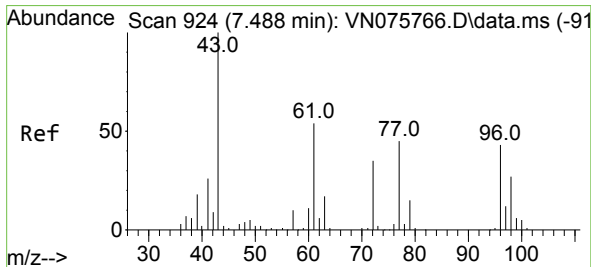
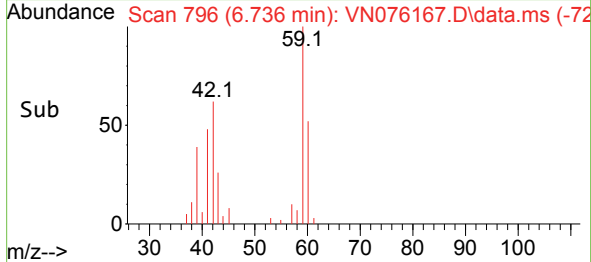
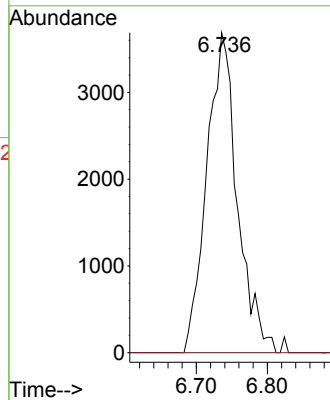
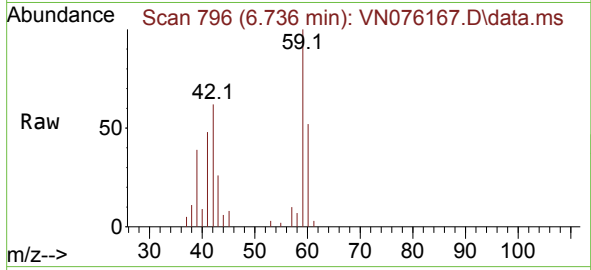




#23
 Vinyl Acetate
 Concen: 1.851 ug/l
 RT: 6.736 min Scan# 796
 Delta R.T. 0.124 min
 Lab File: VN076167.D
 Acq: 09 Jan 2023 19:40

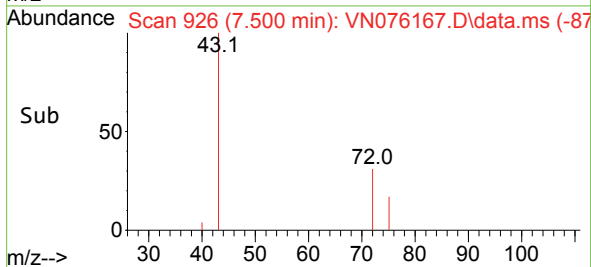
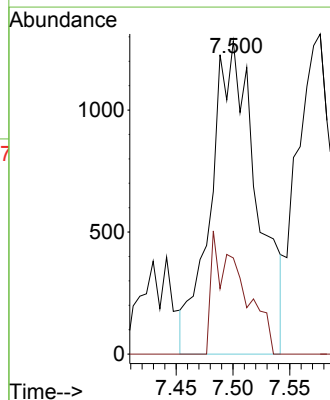
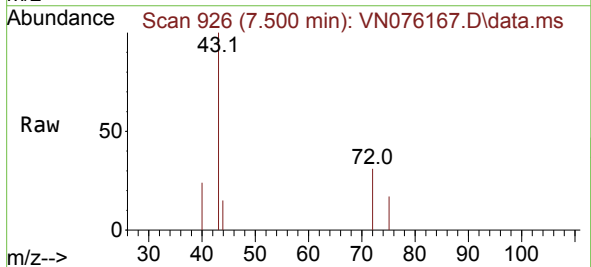
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1843

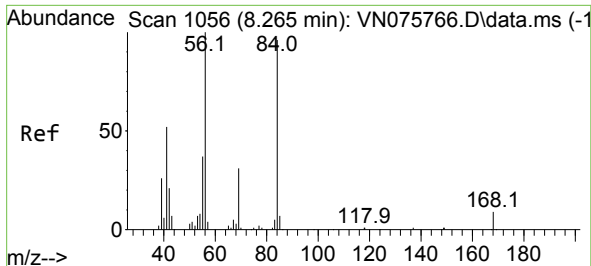
Tgt Ion: 43 Resp: 11021
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.4 17.2#



#25
 2-Butanone
 Concen: 1.955 ug/l
 RT: 7.500 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VN076167.D
 Acq: 09 Jan 2023 19:40

Tgt Ion: 43 Resp: 3607
 Ion Ratio Lower Upper
 43 100
 72 35.7 28.0 42.0

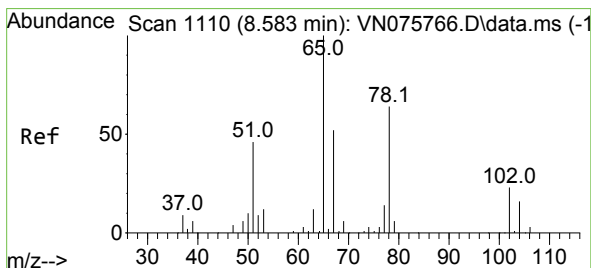
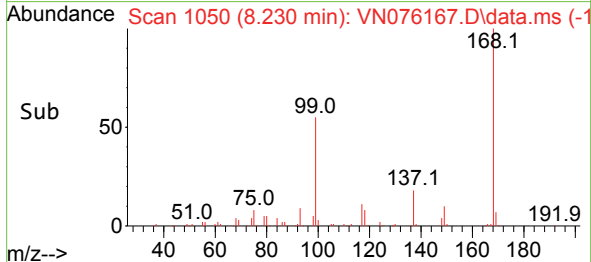
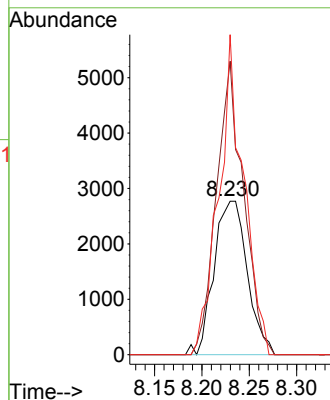
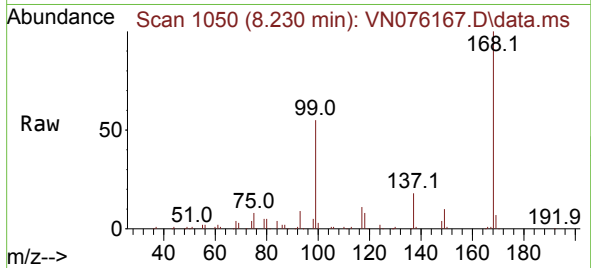




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

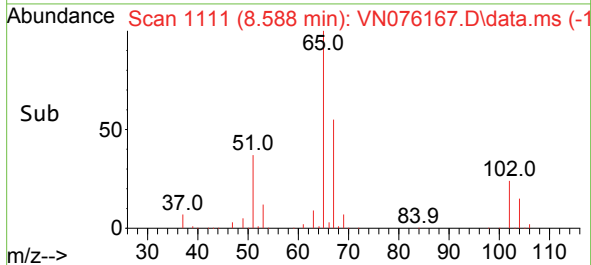
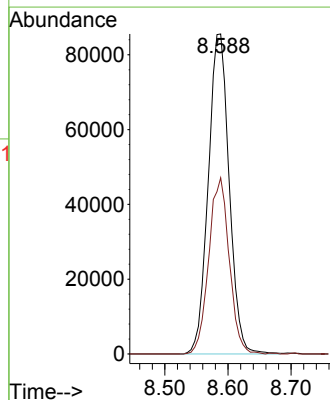
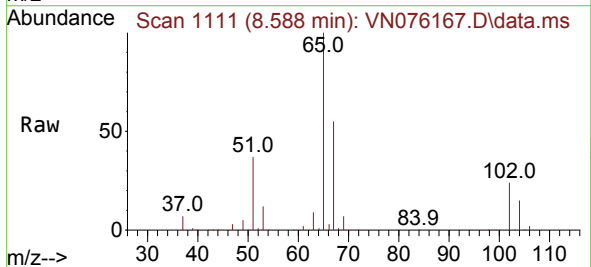
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

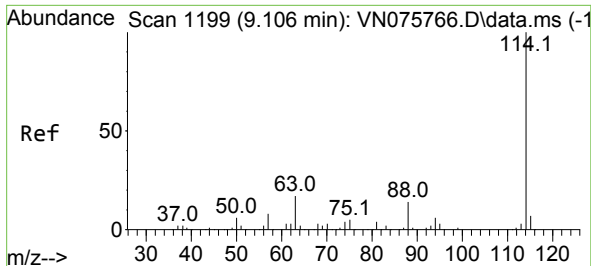
Tgt Ion: 56 Resp: 6775
Ion Ratio Lower Upper
56 100
69 191.3 24.7 37.1#
84 208.6 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 51.495 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 65 Resp: 196881
Ion Ratio Lower Upper
65 100
67 53.8 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: VN076167.D

Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

AUD-1843

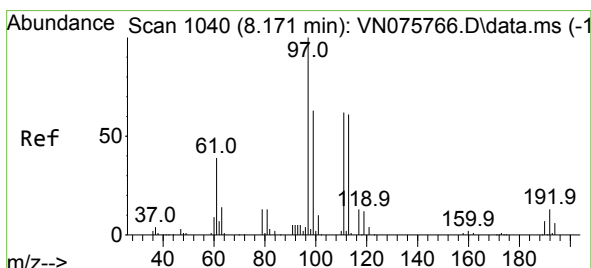
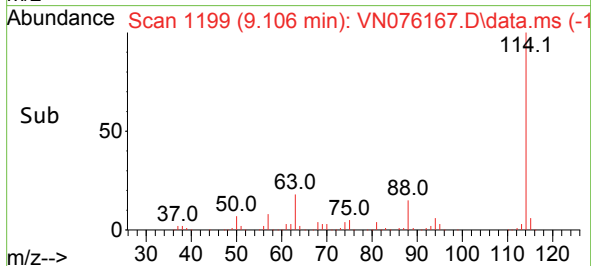
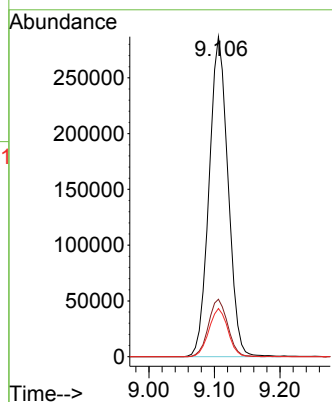
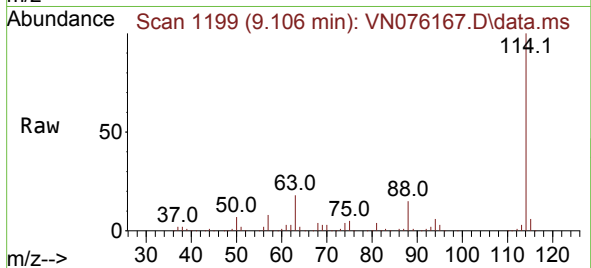
Tgt Ion:114 Resp: 575226

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.466 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

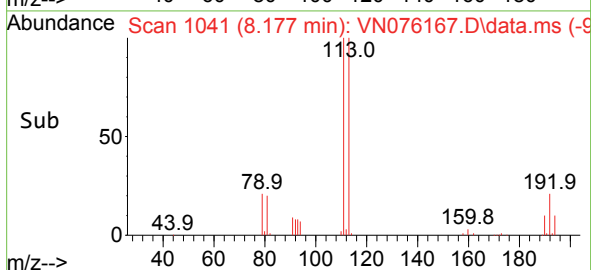
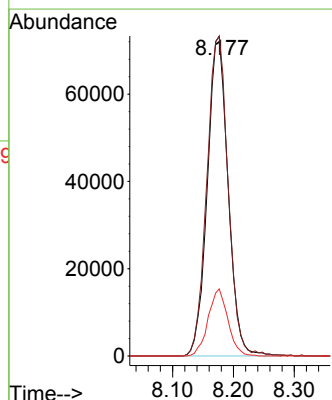
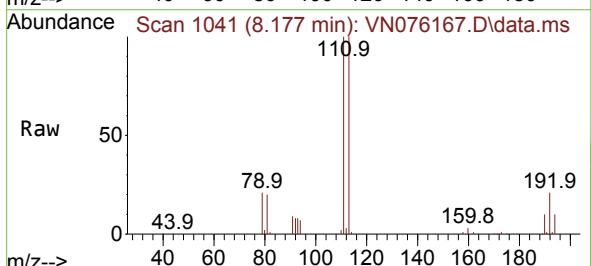
Tgt Ion:113 Resp: 172649

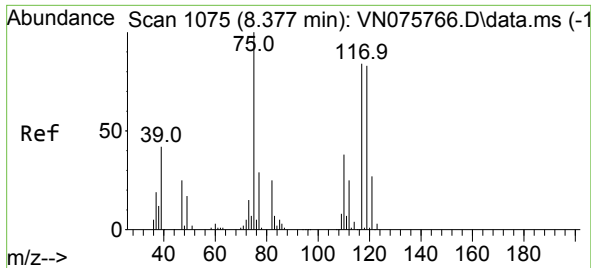
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 20.1 16.1 24.1

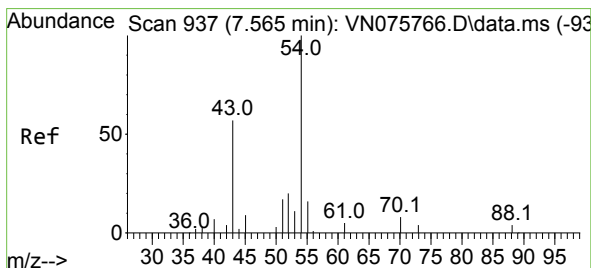
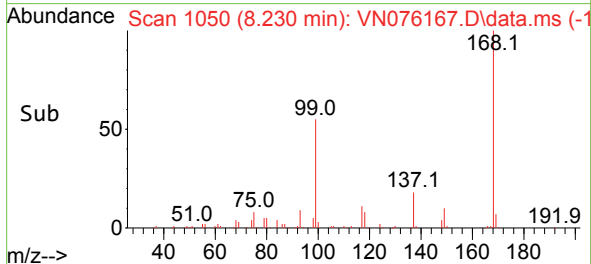
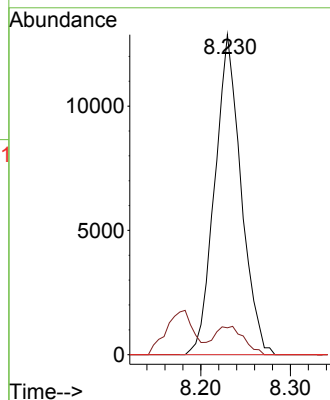
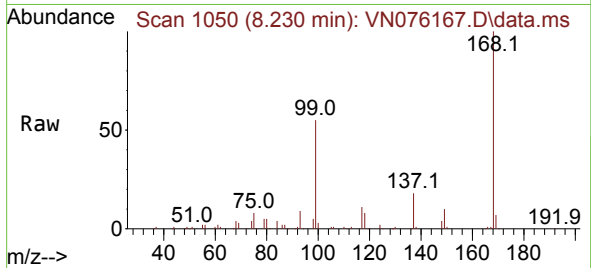




#36
1,1-Dichloropropene
Concen: 5.532 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

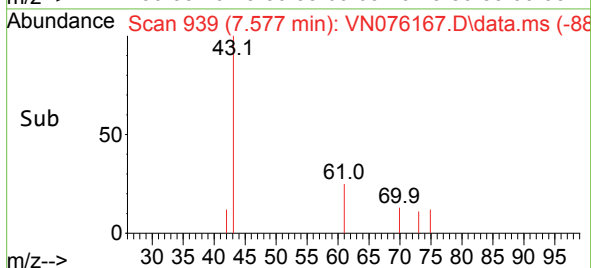
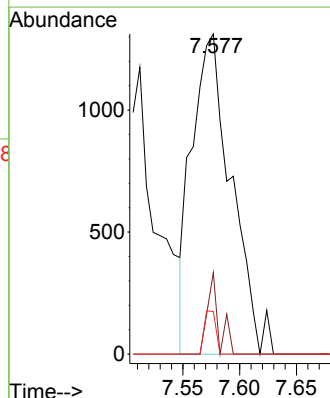
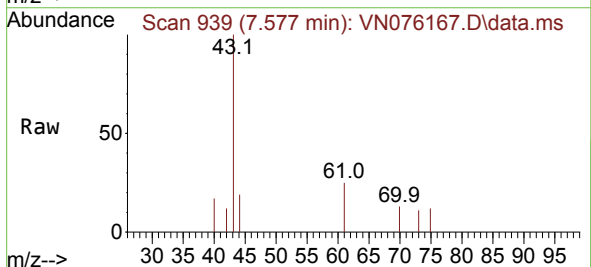
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

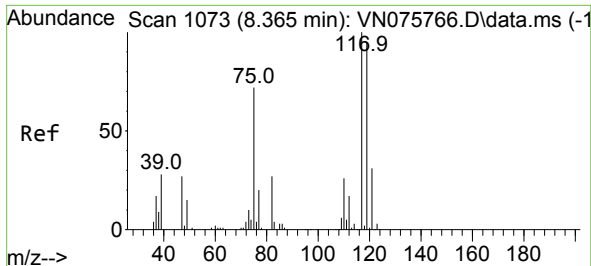
Tgt Ion: 75 Resp: 26176
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 0.833 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
61 7.4 13.0 19.4#
70 3.9 9.4 14.0#

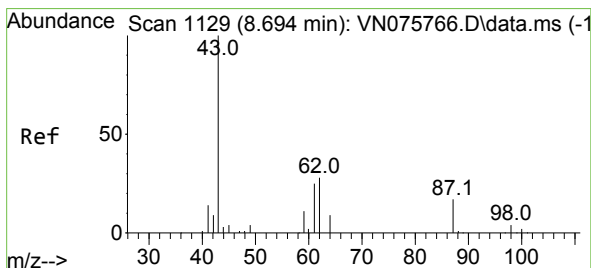
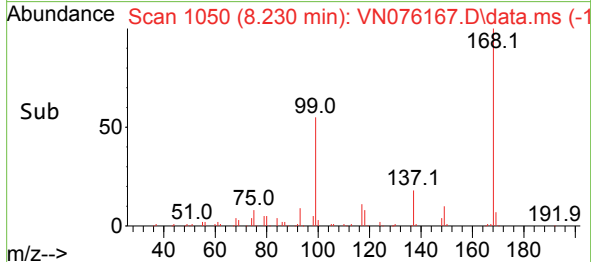
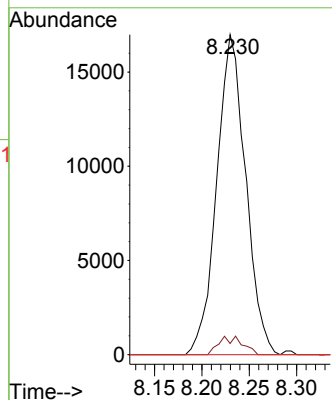
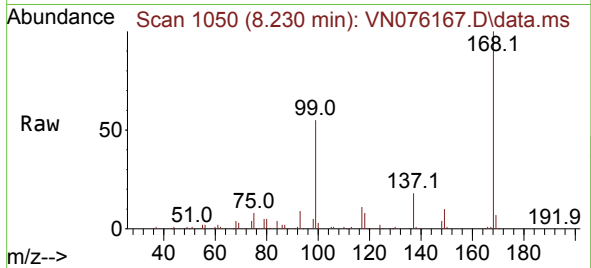




#38
Carbon Tetrachloride
Concen: 6.815 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.135 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

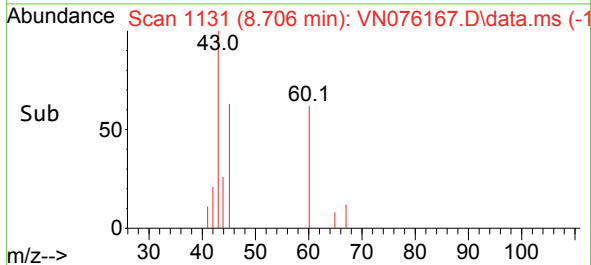
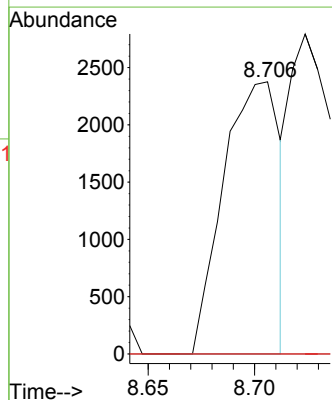
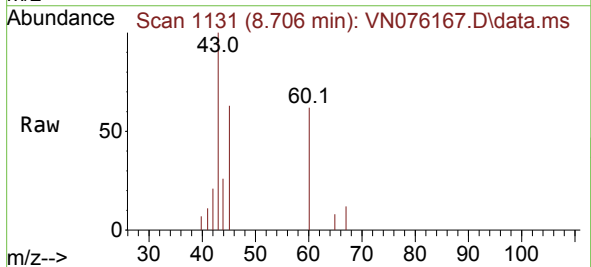
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

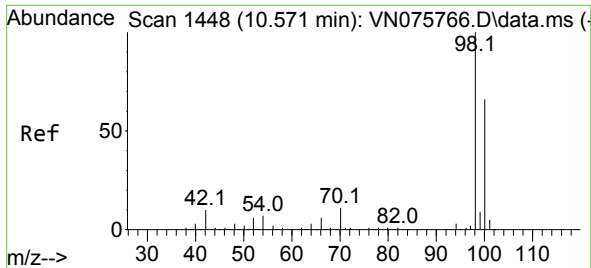
Tgt Ion:117 Resp: 36095
Ion Ratio Lower Upper
117 100
119 3.5 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.699 ug/l
RT: 8.706 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 43 Resp: 4385
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

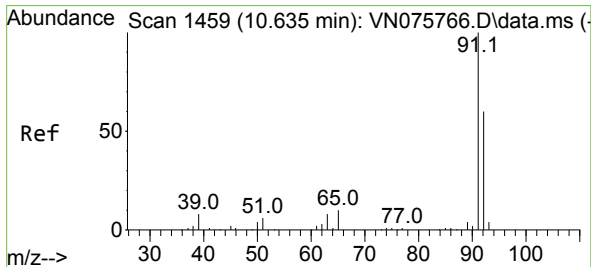
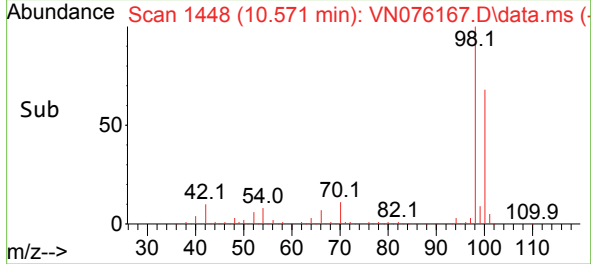
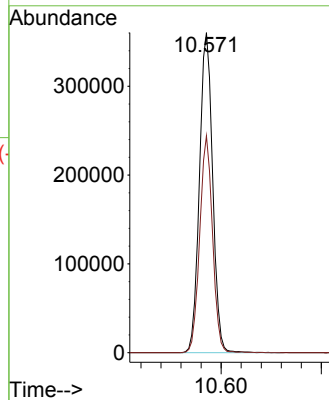
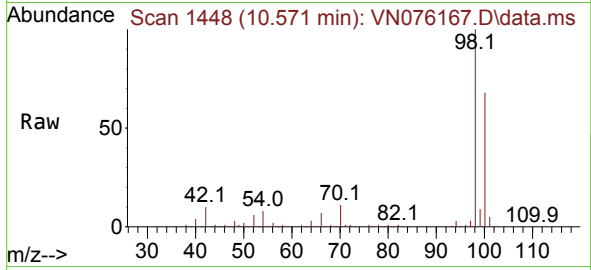




#50
Toluene-d8
Concen: 49.278 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

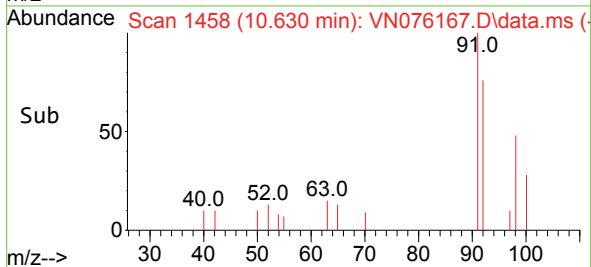
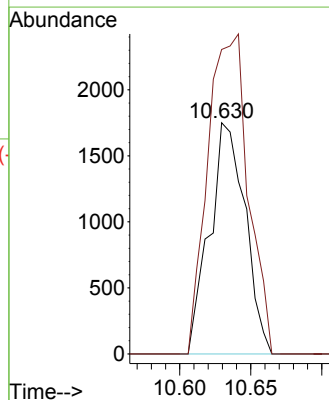
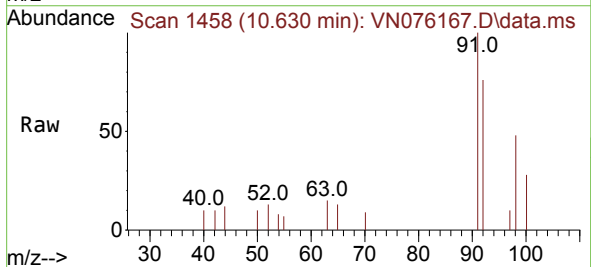
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

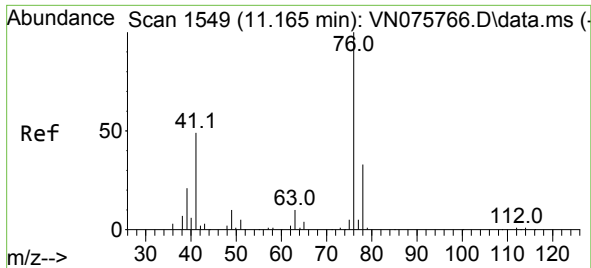
Tgt Ion: 98 Resp: 656339
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#52
Toluene
Concen: 0.321 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 92 Resp: 3048
Ion Ratio Lower Upper
92 100
91 157.4 137.3 205.9

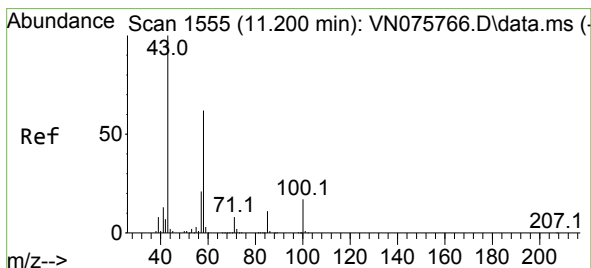
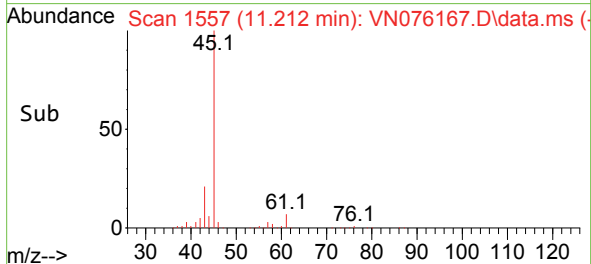
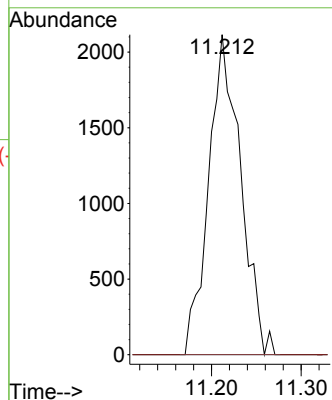
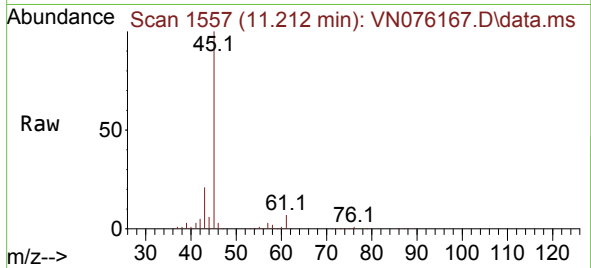




#57
1,3-Dichloropropane
Concen: 0.855 ug/l
RT: 11.212 min Scan# 1557
Delta R.T. 0.047 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

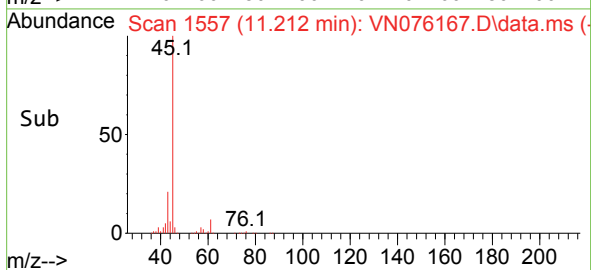
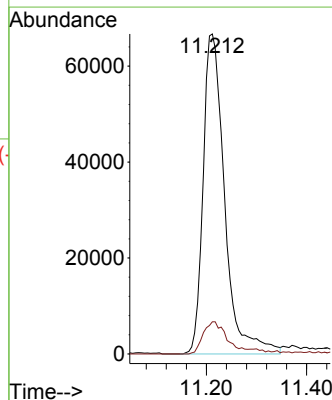
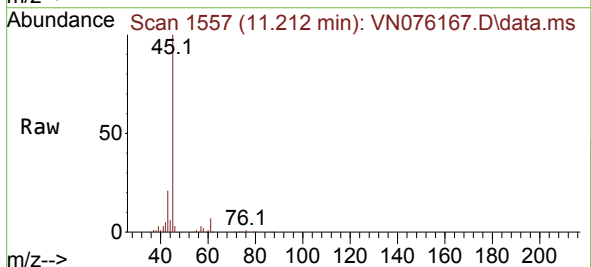
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

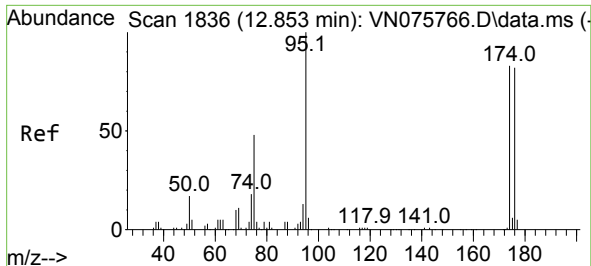
Tgt Ion: 76 Resp: 5236
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 71.957 ug/l
RT: 11.212 min Scan# 1557
Delta R.T. 0.012 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 43 Resp: 198985
Ion Ratio Lower Upper
43 100
58 11.2 30.6 92.0#

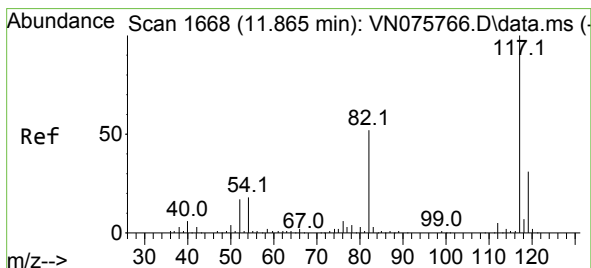
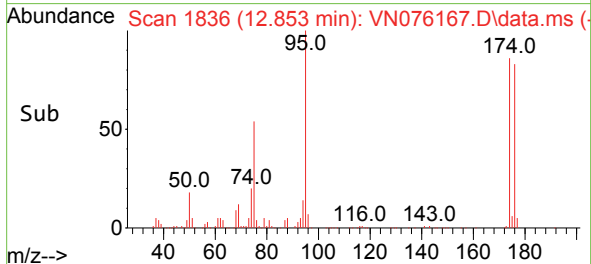
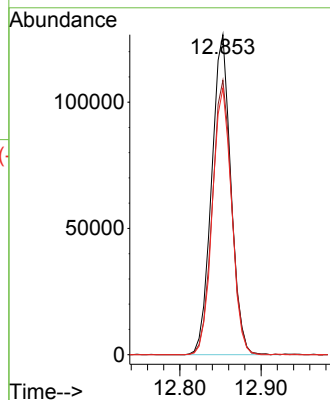
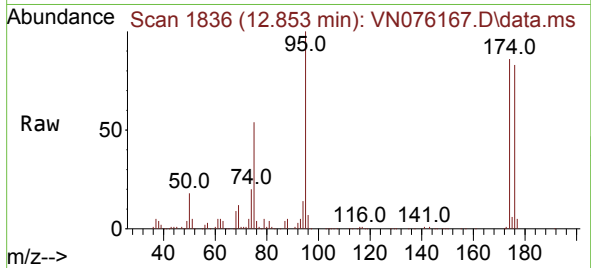




#62
4-Bromofluorobenzene
Concen: 47.303 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

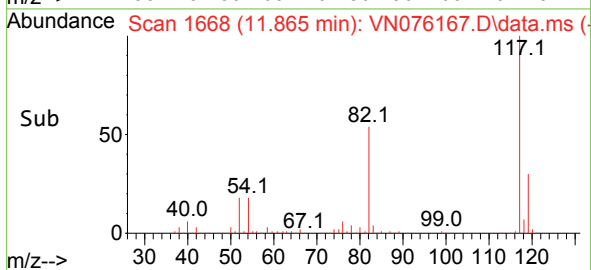
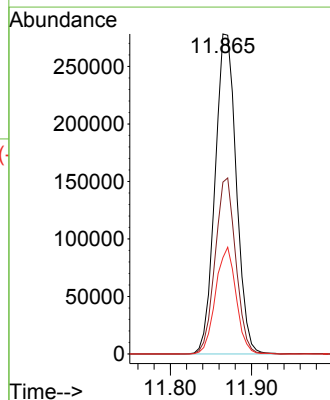
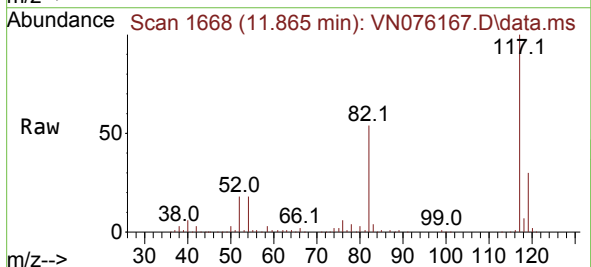
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

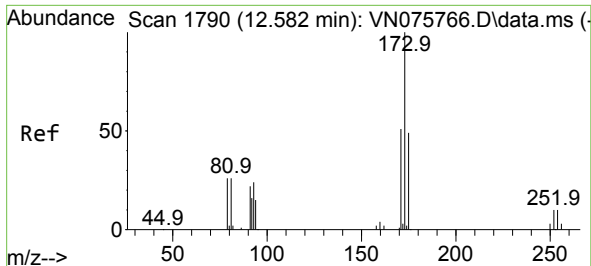
Tgt Ion: 95 Resp: 208674
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 83.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion: 117 Resp: 506108
Ion Ratio Lower Upper
117 100
82 53.7 41.3 61.9
119 30.1 24.6 37.0

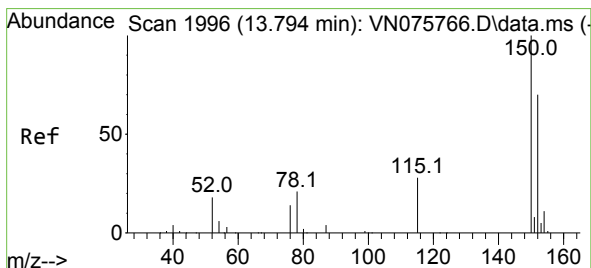
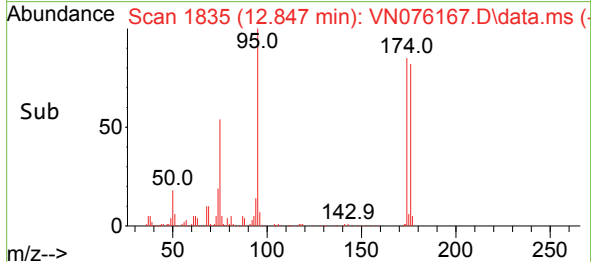
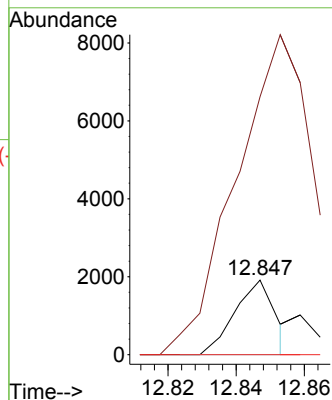
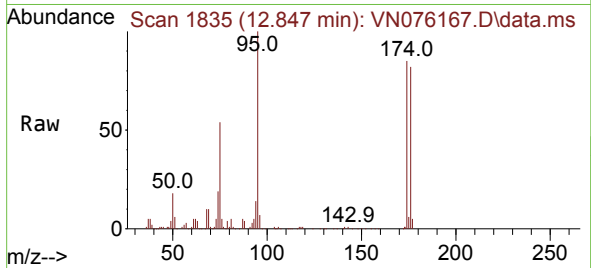




#71
Bromoform
Concen: 0.565 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

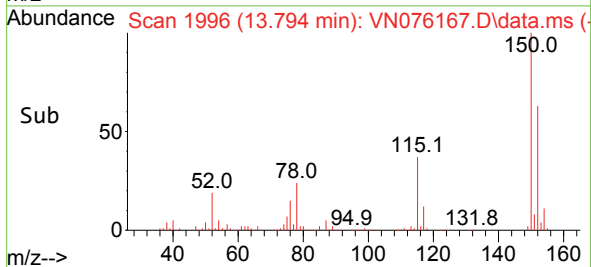
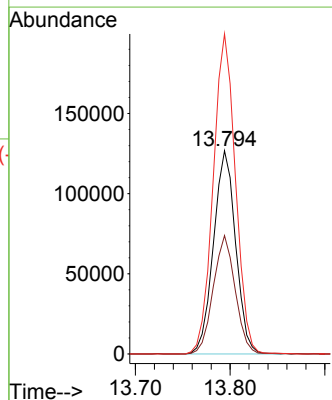
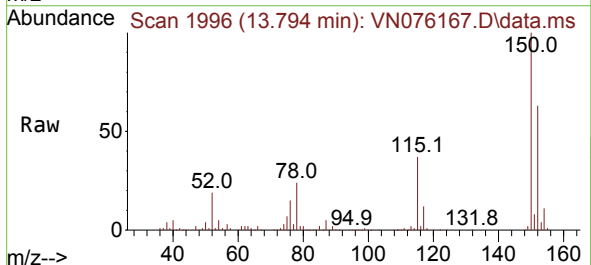
Instrument :
MSVOA_N
ClientSampleId :
AUD-1843

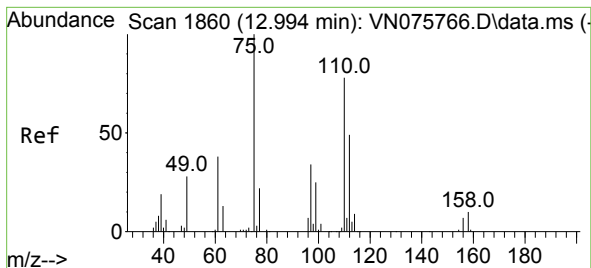
Tgt Ion:173 Resp: 1583
Ion Ratio Lower Upper
173 100
175 705.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076167.D
Acq: 09 Jan 2023 19:40

Tgt Ion:152 Resp: 205863
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 158.2 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.497 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

Instrument :

MSVOA_N

ClientSampleId :

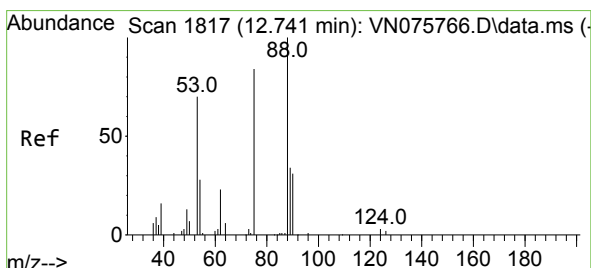
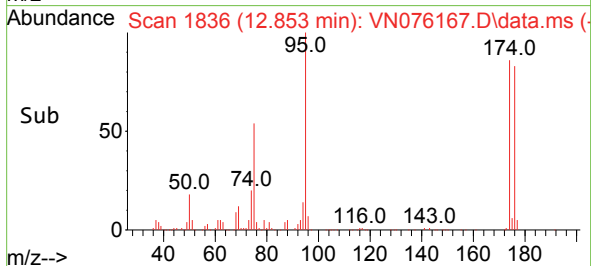
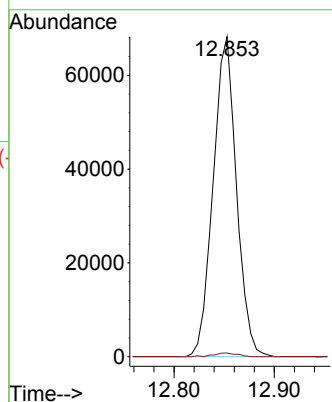
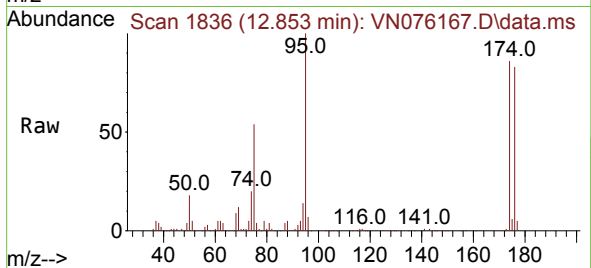
AUD-1843

Tgt Ion: 75 Resp: 109954

Ion Ratio Lower Upper

75 100

77 1.2 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.376 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076167.D

Acq: 09 Jan 2023 19:40

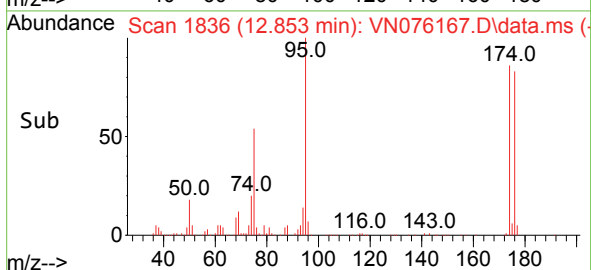
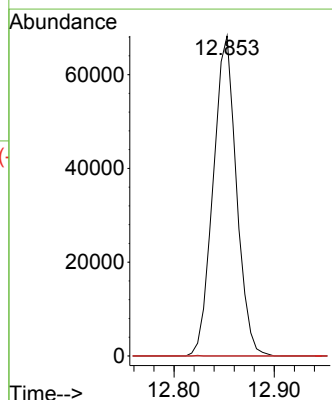
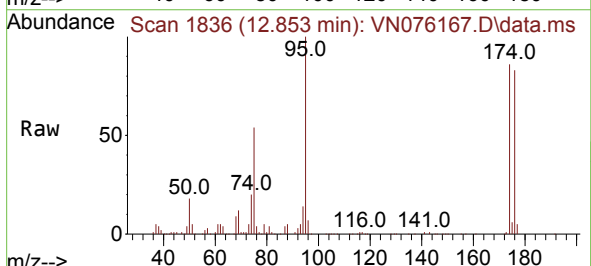
Tgt Ion: 75 Resp: 109954

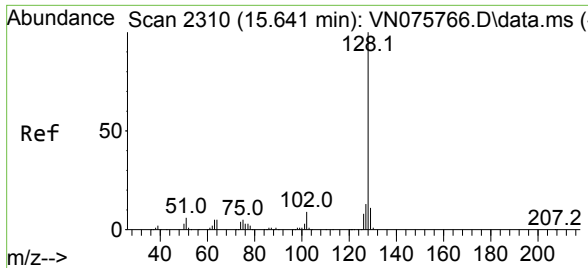
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

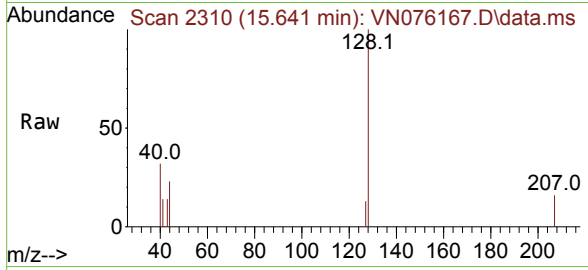
89 0.0 39.5 59.3#





#95
 Naphthalene
 Concen: 2.356 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076167.D
 Acq: 09 Jan 2023 19:40

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1843



Tgt Ion:	128	Resp:	2090
Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.4	15.6#
129	10.6	8.7	13.1

