

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075303.D
 Acq On : 17 Nov 2022 13:34
 Operator : JC\MD
 Sample : N5675-07 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1913

Quant Time: Nov 18 01:00:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

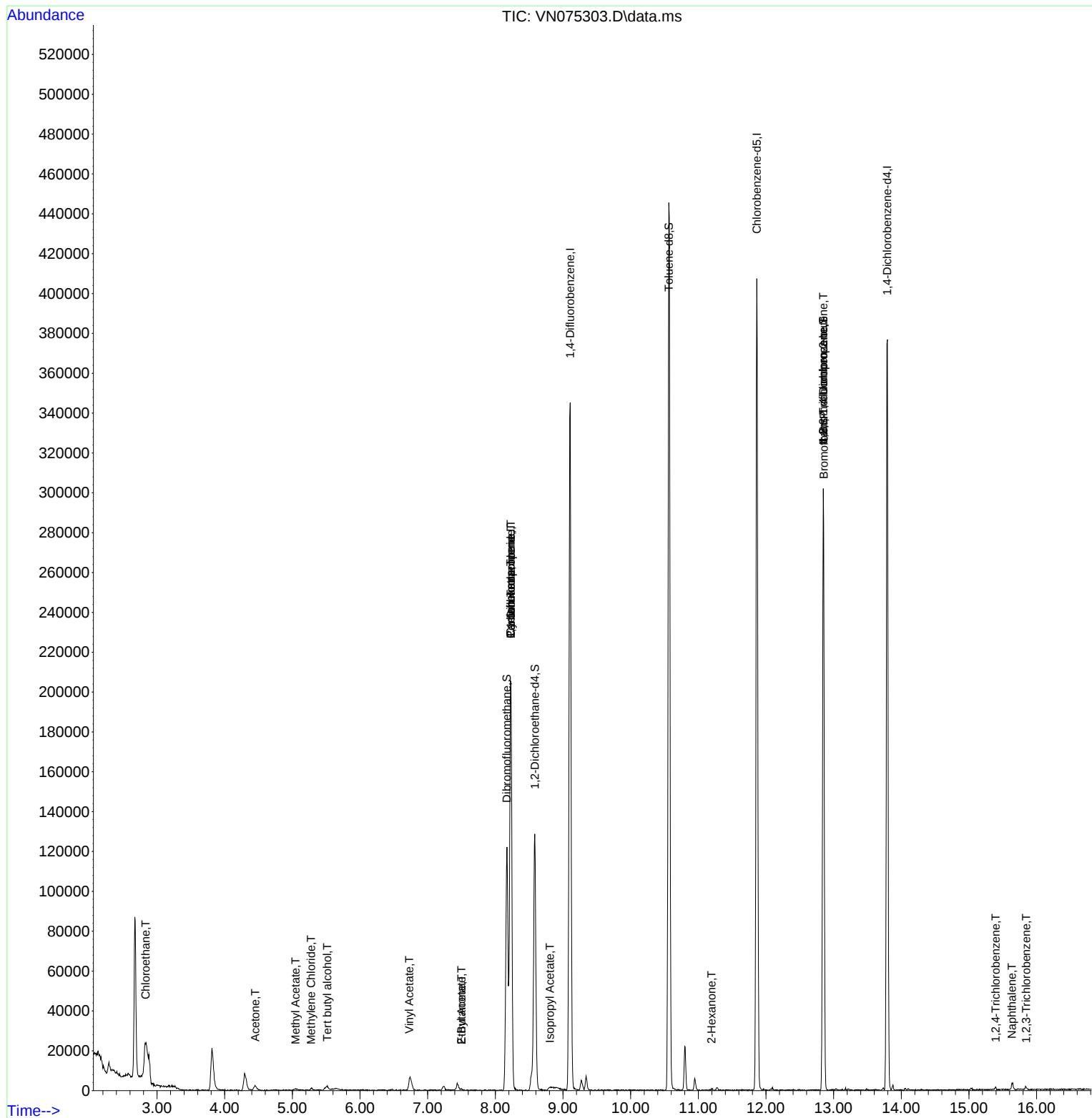
Internal Standards						
1) Pentafluorobenzene	8.229	168	158285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103913	48.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	8.171	113	86022	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.565	98	325196	50.582	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.847	95	104814	46.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.820%
Target Compounds						
					Qvalue	
5) Bromomethane	2.936	94	131	Below Cal		97
6) Chloroethane	2.830	64	18408	8.227	ug/l #	53
11) Tert butyl alcohol	5.518	59	577	1.160	ug/l #	72
16) Acetone	4.453	43	3715	4.114	ug/l #	71
18) Methyl Acetate	5.047	43	880	0.298	ug/l #	89
20) Methylene Chloride	5.277	84	771	0.383	ug/l #	34
23) Vinyl Acetate	6.730	43	1008	0.223	ug/l #	67
25) 2-Butanone	7.500	43	738	0.520	ug/l	92
31) Cyclohexane	8.224	56	3185	1.004	ug/l #	27
36) 1,1-Dichloropropene	8.229	75	12328	4.805	ug/l #	47
37) Ethyl Acetate	7.500	43	738	0.262	ug/l #	66
38) Carbon Tetrachloride	8.229	117	16119	5.712	ug/l #	15
43) Isopropyl Acetate	8.806	43	926	0.212	ug/l #	53
59) 2-Hexanone	11.194	43	646	0.302	ug/l	79
71) Bromoform	12.853	173	1000	0.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54234	24.785	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54234	63.622	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.394	180	694	0.455	ug/l #	80
95) Naphthalene	15.635	128	4583	0.781	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.847	180	950	0.627	ug/l #	16

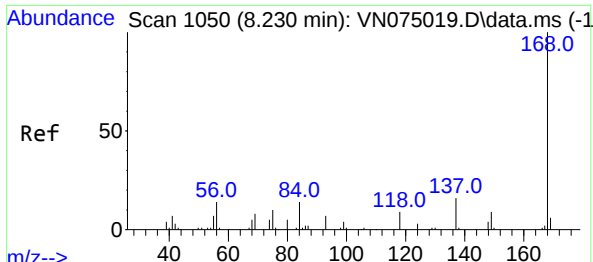
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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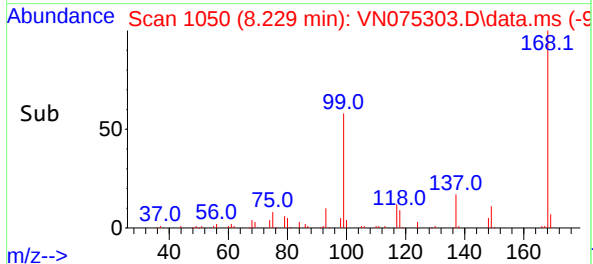
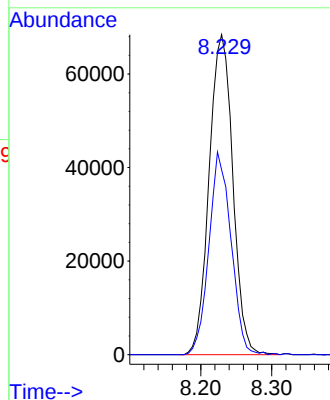
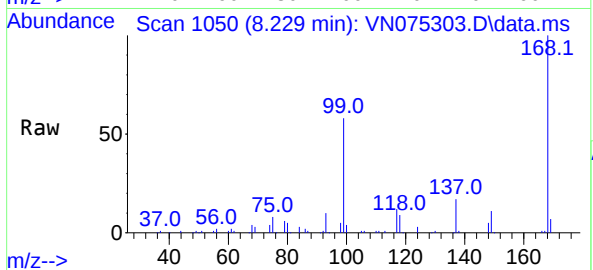




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

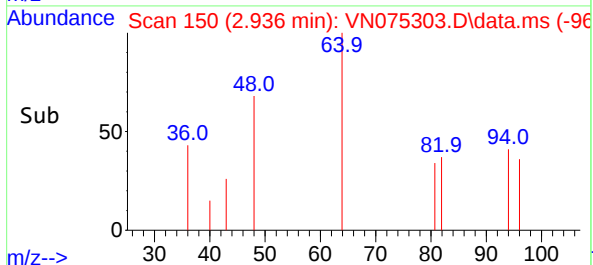
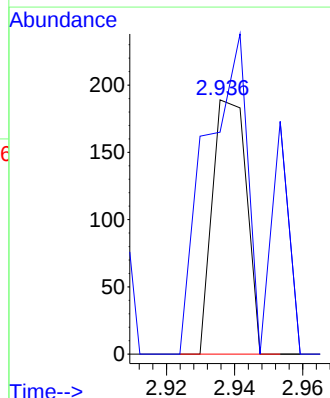
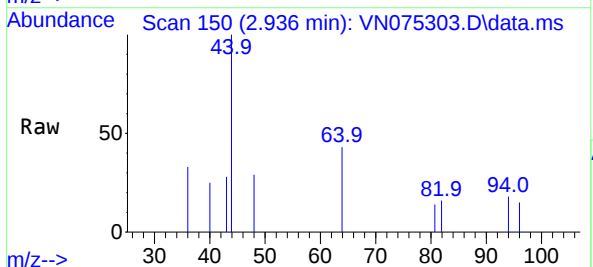
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

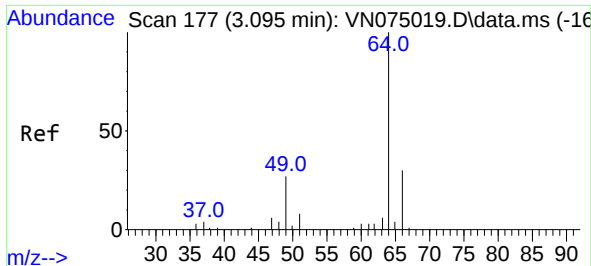
Tgt Ion:168 Resp: 158285
Ion Ratio Lower Upper
168 100
99 57.7 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 150
Delta R.T. 0.018 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 87.3 71.8 107.6

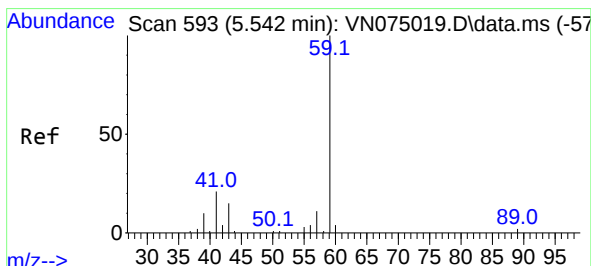
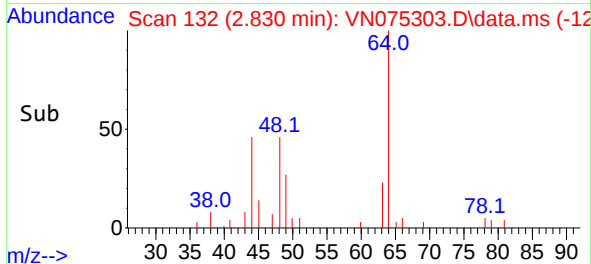
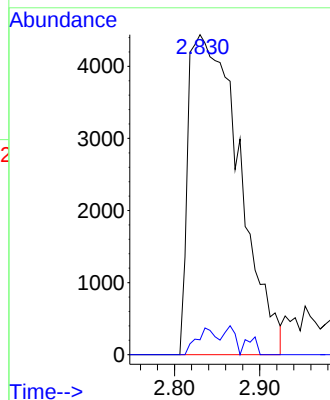
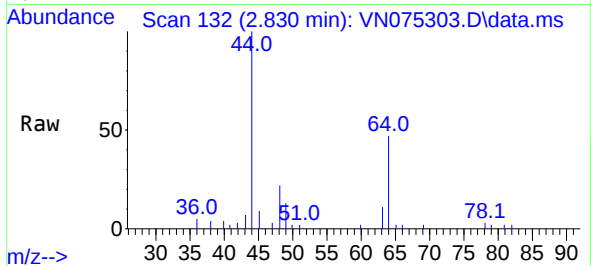




#6
Chloroethane
Concen: 8.227 ug/l
RT: 2.830 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

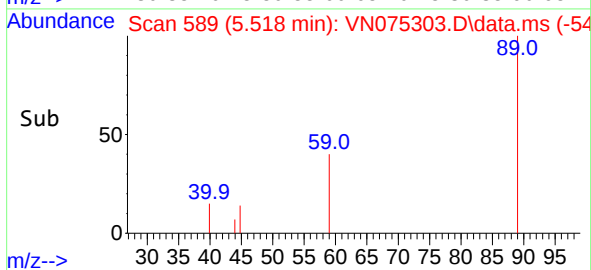
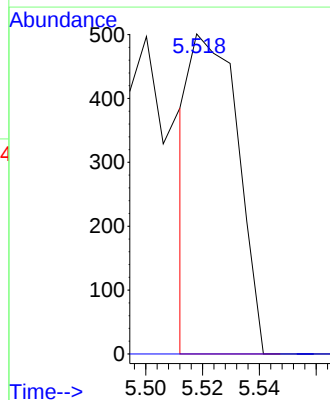
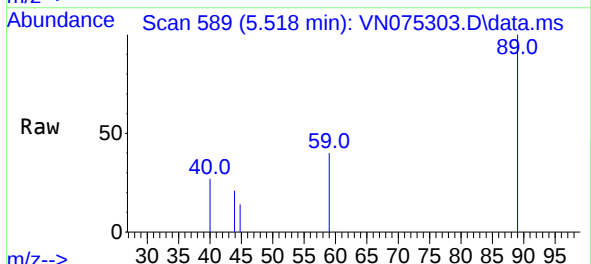
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

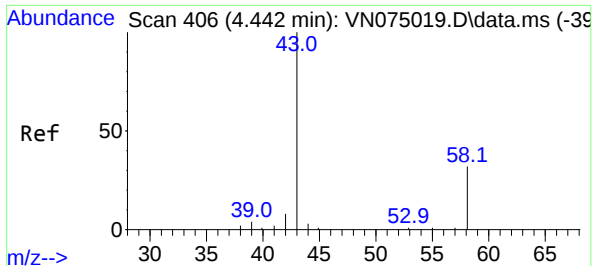
Tgt Ion: 64 Resp: 18408
Ion Ratio Lower Upper
64 100
66 4.7 23.8 35.8#



#11
Tert butyl alcohol
Concen: 1.160 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 59 Resp: 577
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

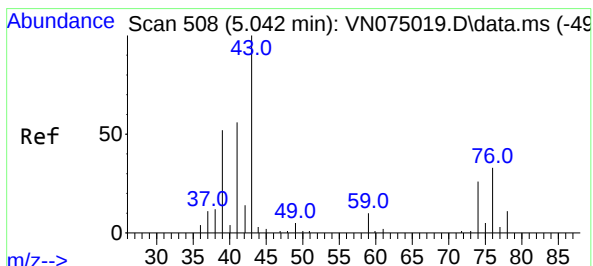
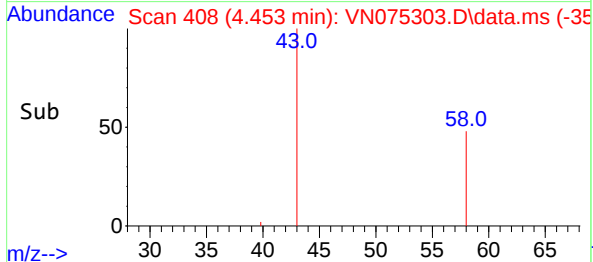
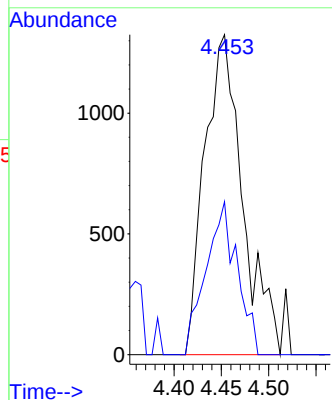
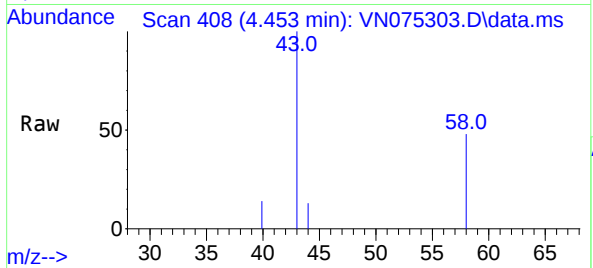




#16
Acetone
Concen: 4.114 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

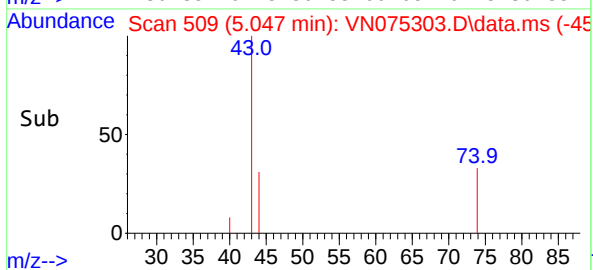
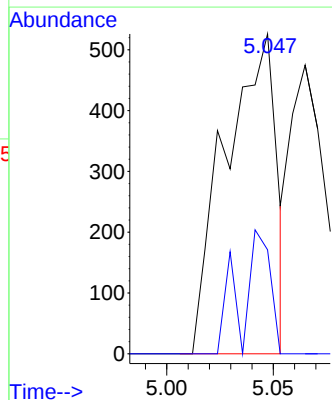
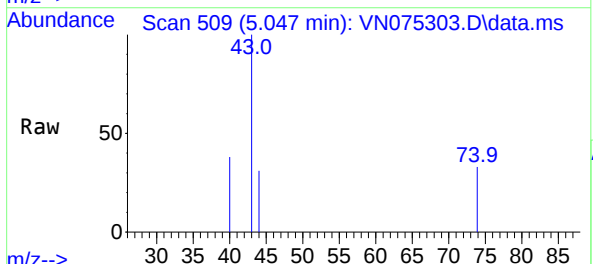
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

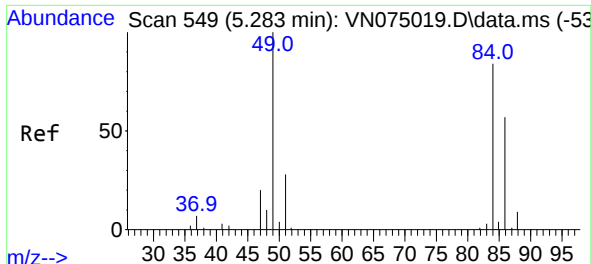
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 47.8 25.5 38.3#



#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

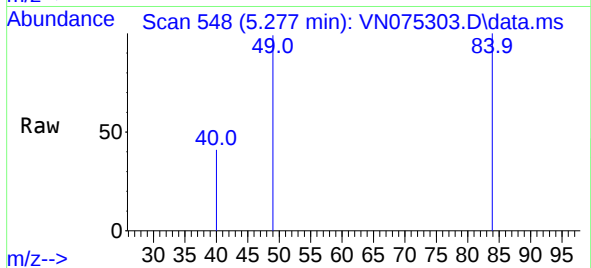
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
74 21.8 22.0 33.0#



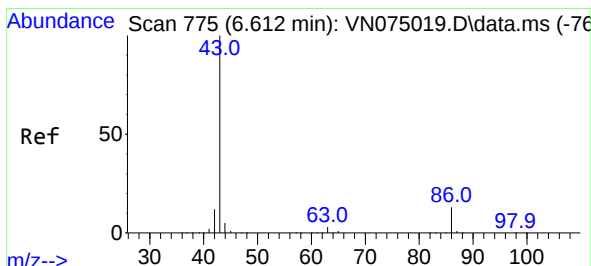
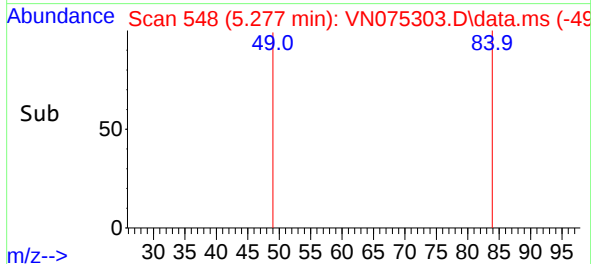
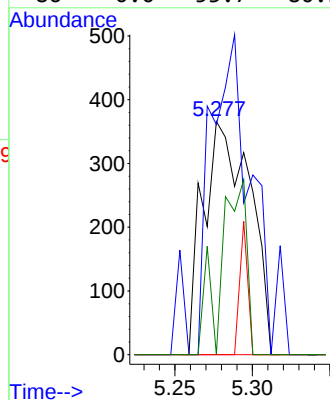


#20
Methylene Chloride
Concen: 0.383 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

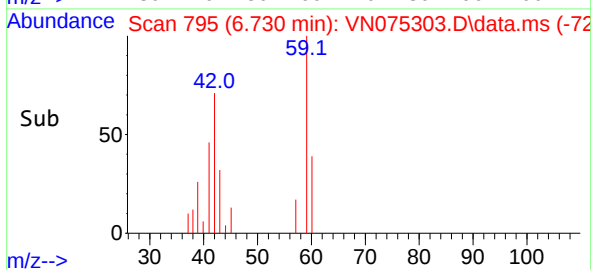
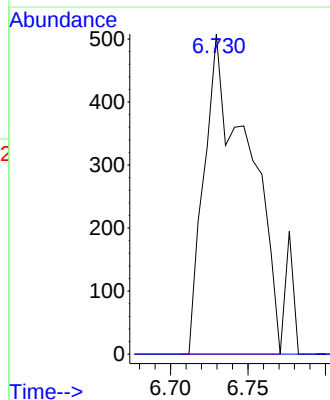
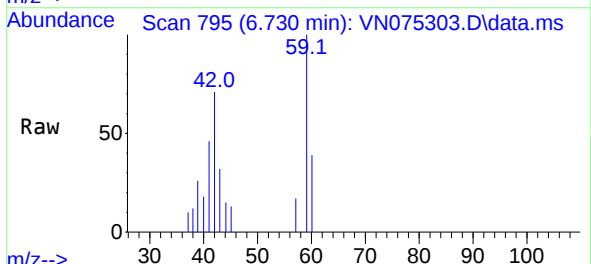


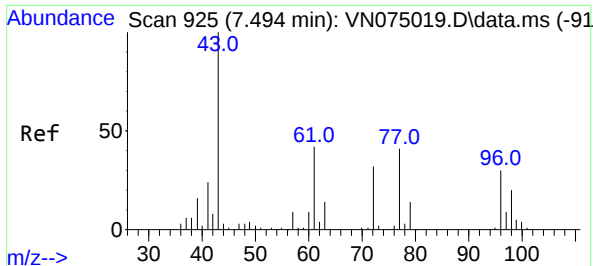
Tgt Ion: 84 Resp: 771
Ion Ratio Lower Upper
84 100
49 53.8 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#



#23
Vinyl Acetate
Concen: 0.223 ug/l
RT: 6.730 min Scan# 795
Delta R.T. 0.118 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
86 0.0 10.7 16.1#

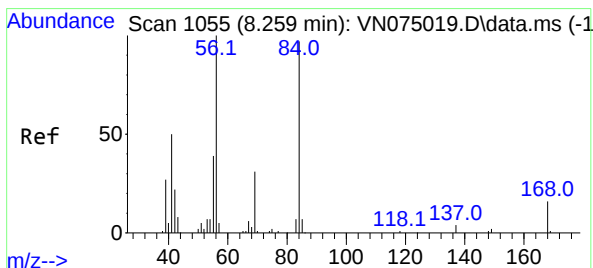
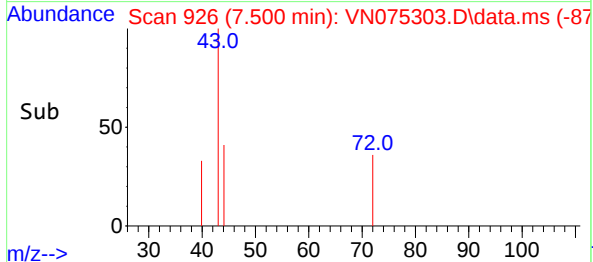
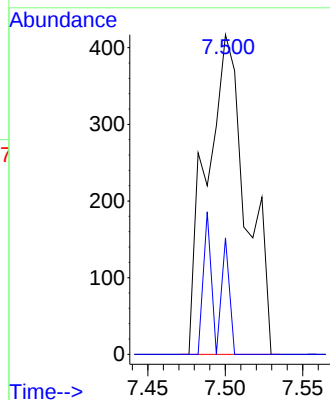
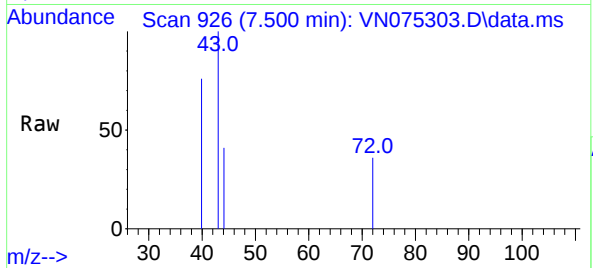




#25
2-Butanone
Concen: 0.520 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

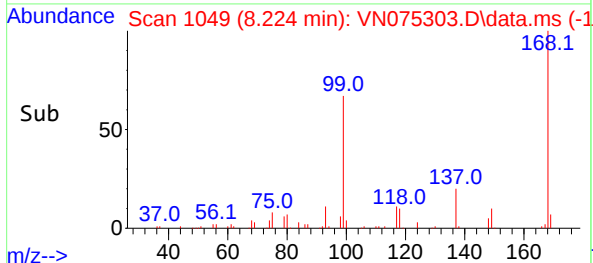
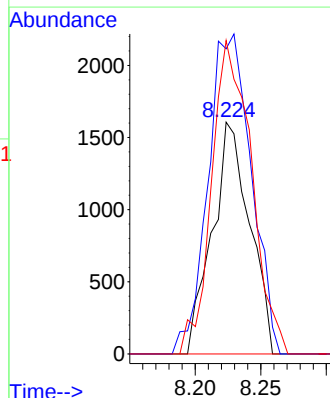
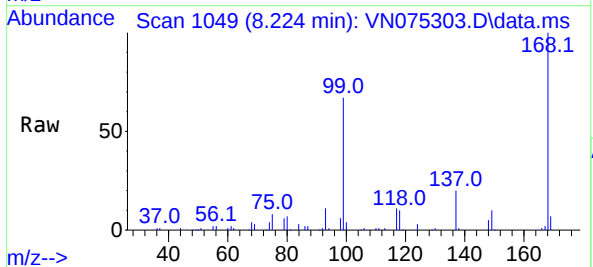
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ClientSampleId :
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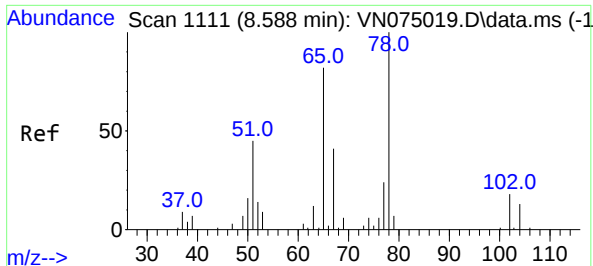
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
72 36.5 25.5 38.3



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 56 Resp: 3185
Ion Ratio Lower Upper
56 100
69 131.6 25.2 37.8#
84 135.2 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 48.724 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075303.D

Acq: 17 Nov 2022 13:34

Instrument :

MSVOA_N

ClientSampleId :

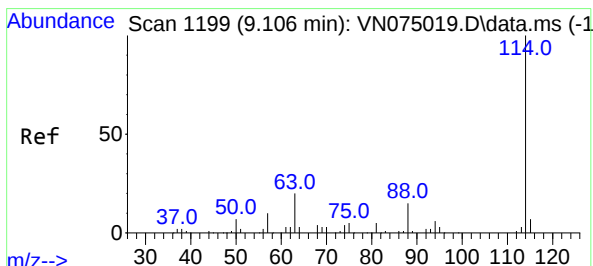
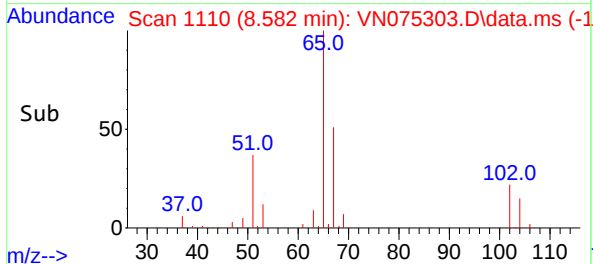
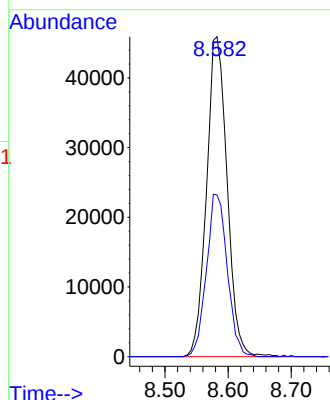
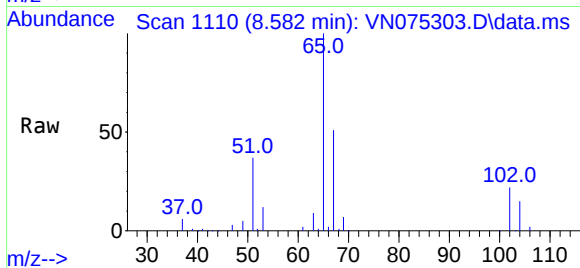
AUD-1913

Tgt Ion: 65 Resp: 103913

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075303.D

Acq: 17 Nov 2022 13:34

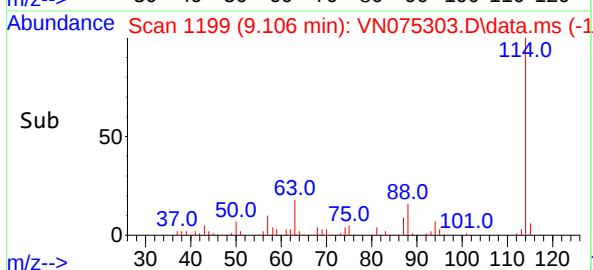
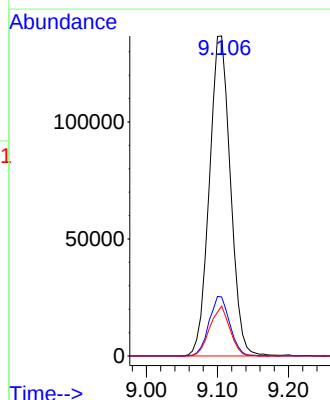
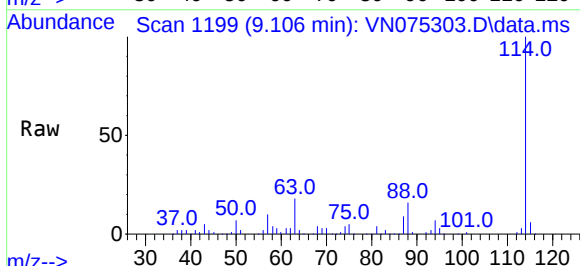
Tgt Ion: 114 Resp: 282277

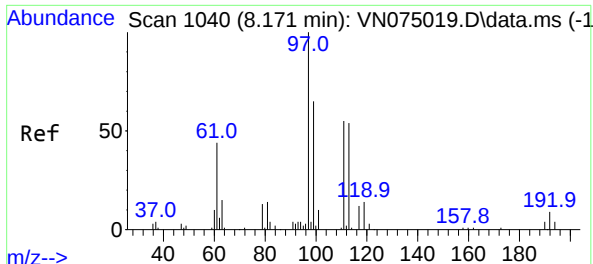
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.6 0.0 29.0

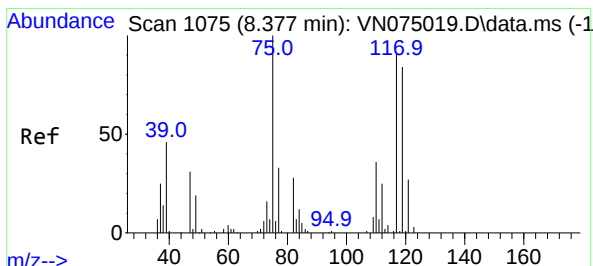
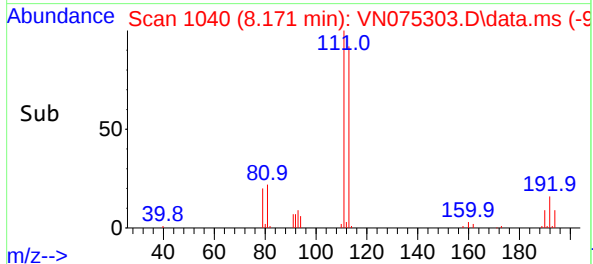
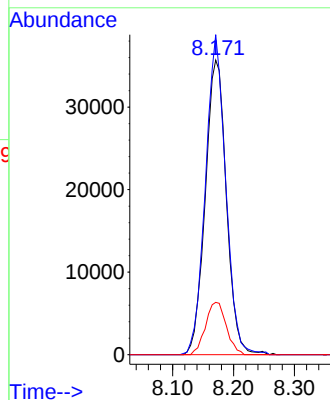
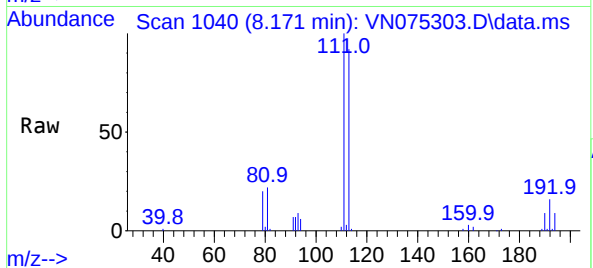




#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

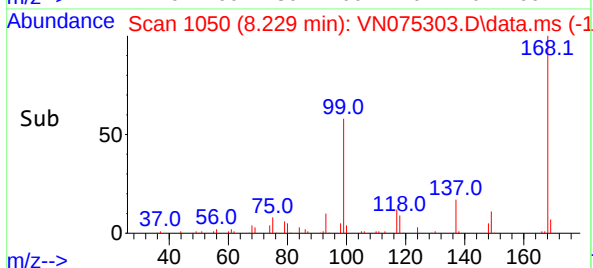
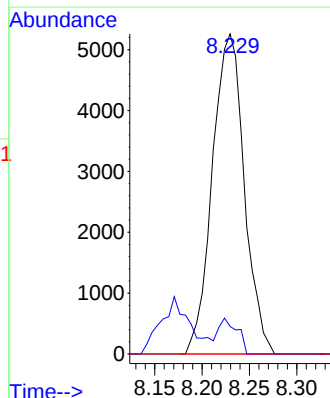
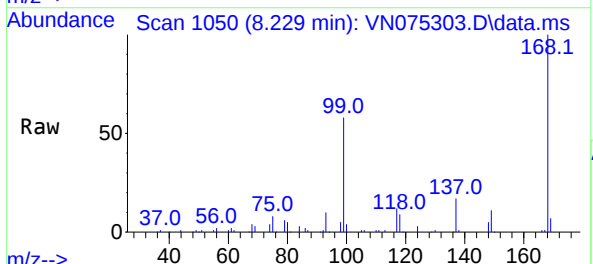
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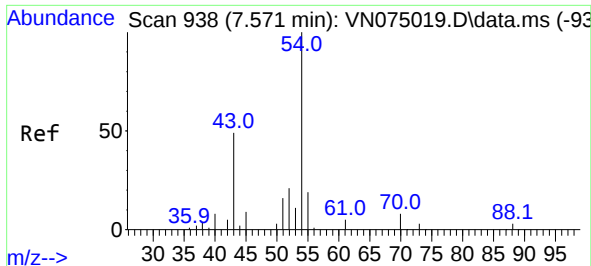
Tgt Ion:113 Resp: 86022
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 17.5 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 75 Resp: 12328
Ion Ratio Lower Upper
75 100
110 6.5 17.8 53.3#
77 0.0 24.6 37.0#

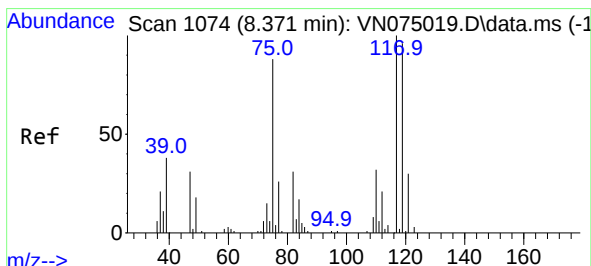
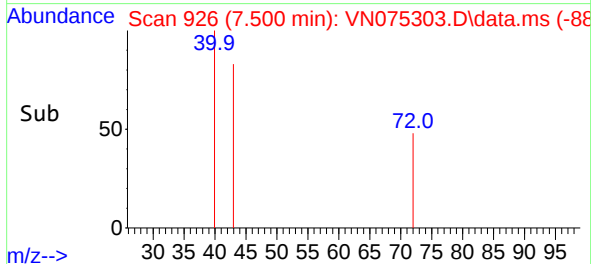
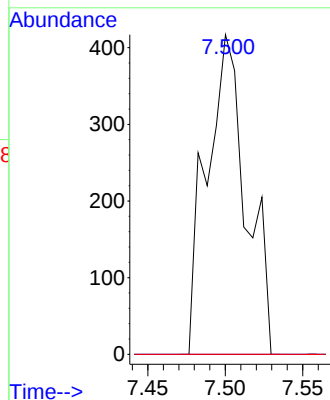
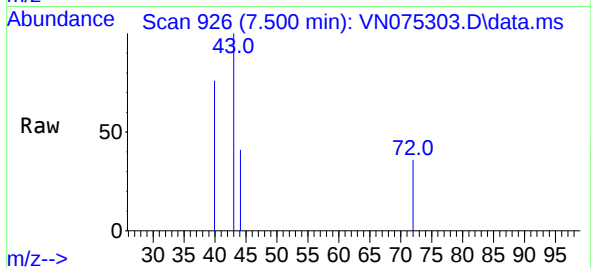




#37
Ethyl Acetate
Concen: 0.262 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

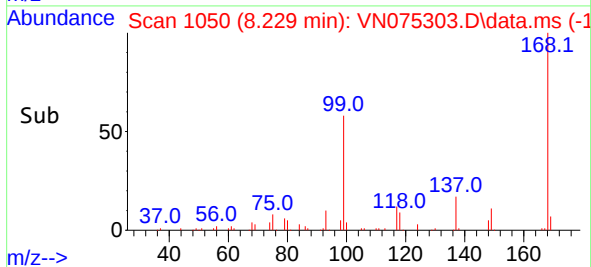
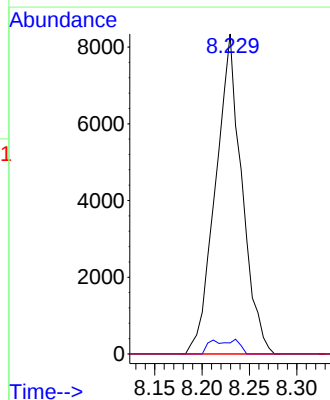
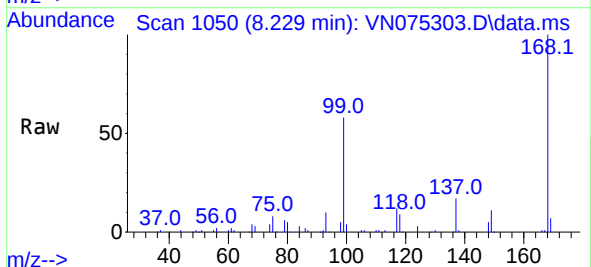
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

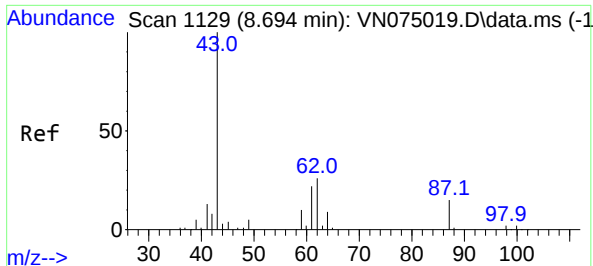
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 117 Resp: 16119
Ion Ratio Lower Upper
117 100
119 3.5 76.7 115.1#
121 0.0 23.9 35.9#

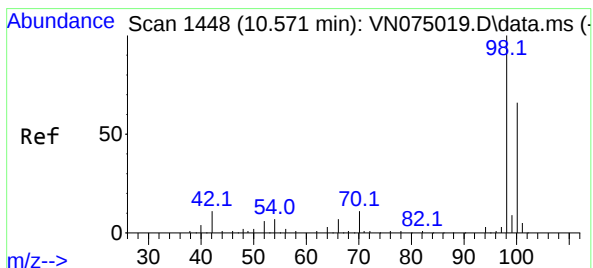
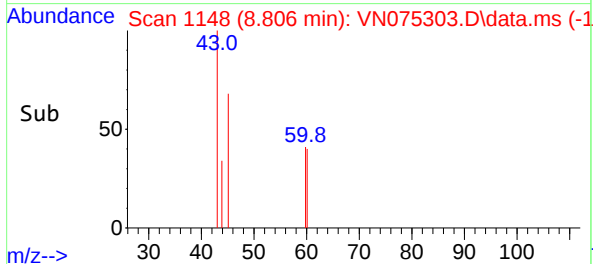
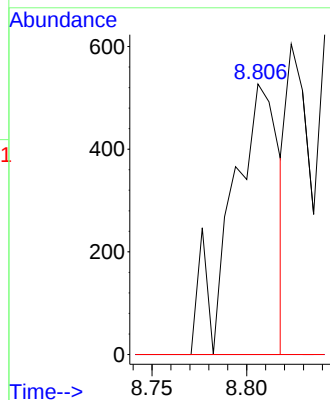
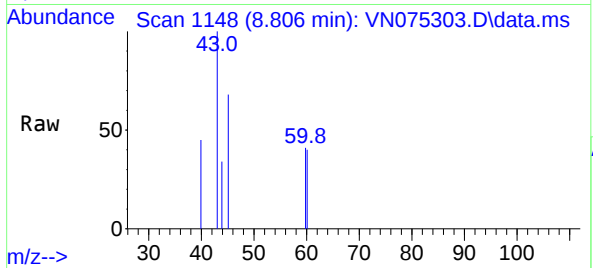




#43
Isopropyl Acetate
Concen: 0.212 ug/l
RT: 8.806 min Scan# 1129
Delta R.T. 0.112 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

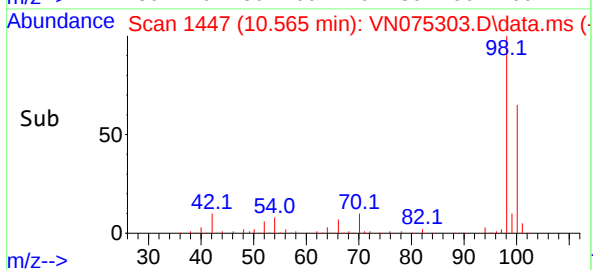
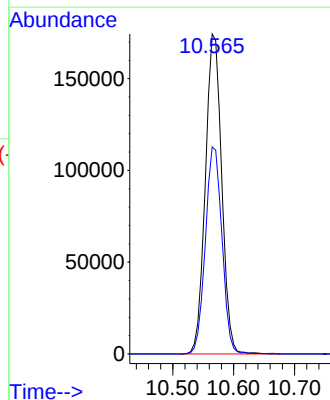
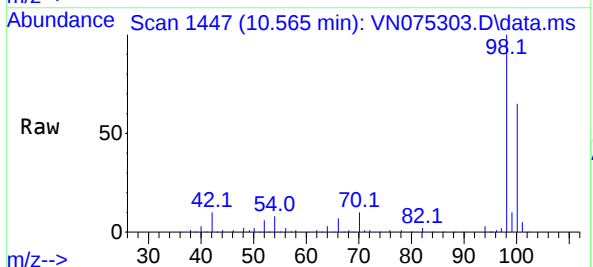
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

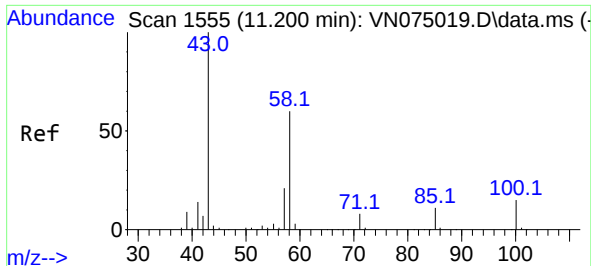
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.582 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 98 Resp: 325196
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

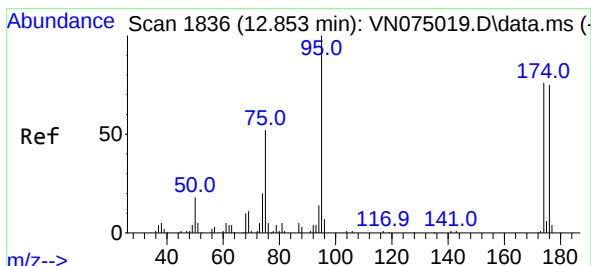
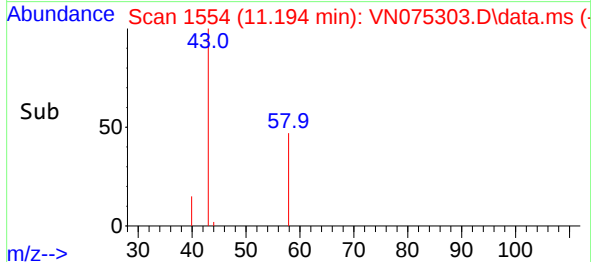
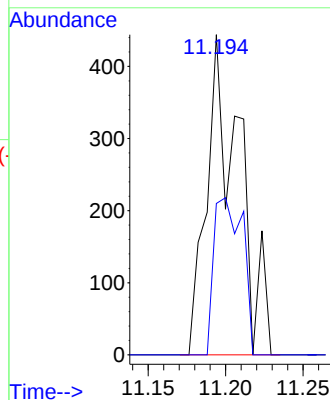
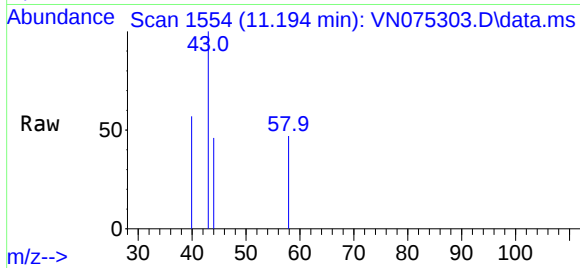




#59
2-Hexanone
Concen: 0.302 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

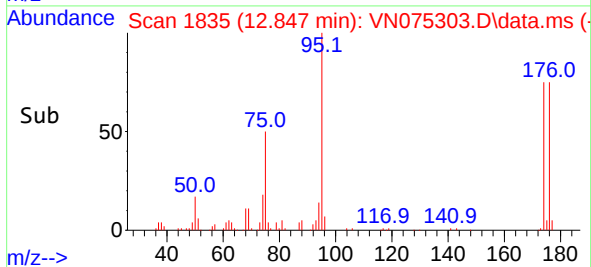
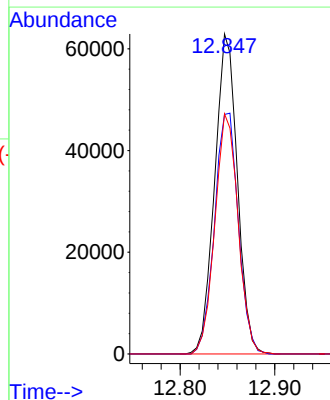
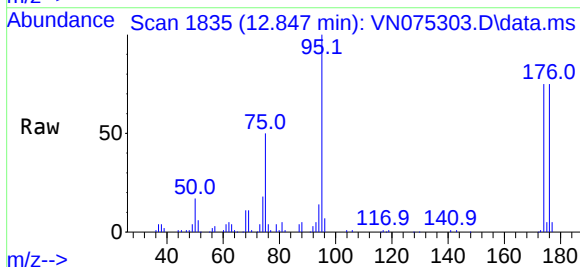
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

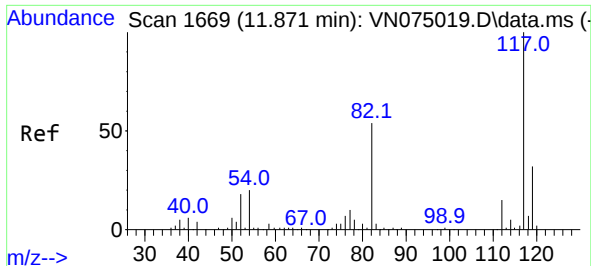
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 43.5 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 46.410 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 95 Resp: 104814
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 76.6 0.0 142.2

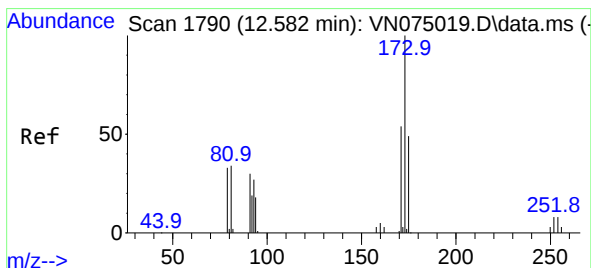
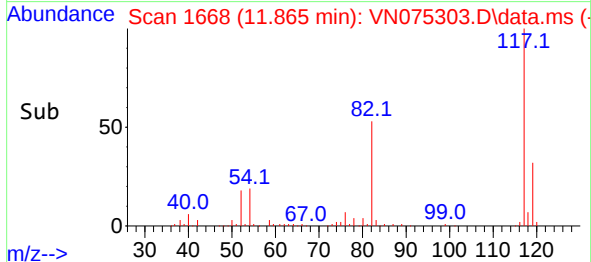
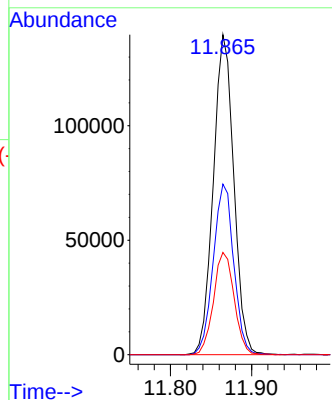
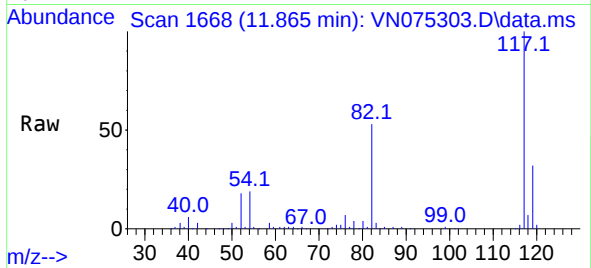




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

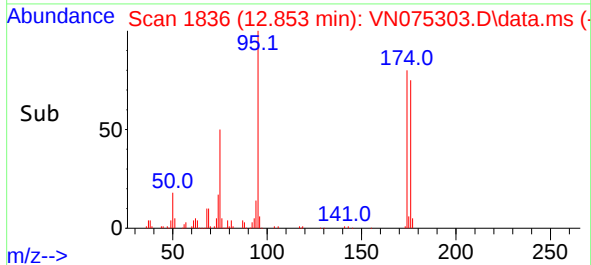
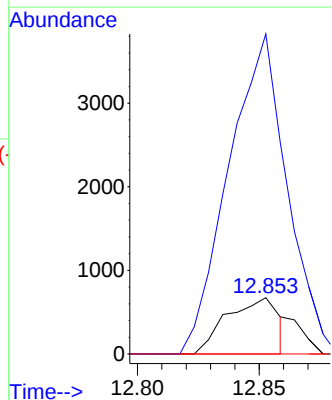
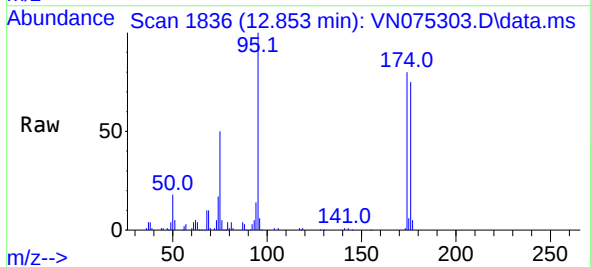
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

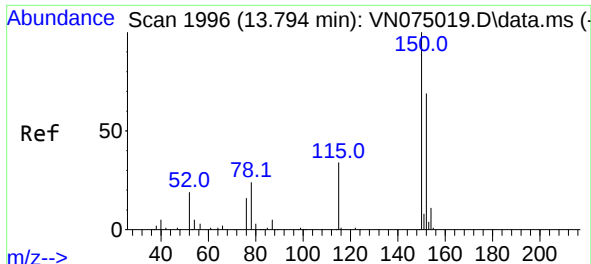
Tgt Ion:117 Resp: 245123
Ion Ratio Lower Upper
117 100
82 53.3 43.1 64.7
119 32.0 25.5 38.3



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion:173 Resp: 1000
Ion Ratio Lower Upper
173 100
175 550.5 24.6 74.0#
254 0.0 0.0 0.0

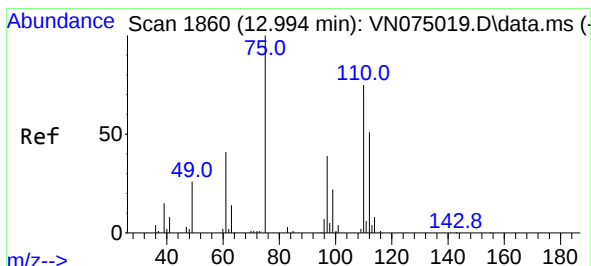
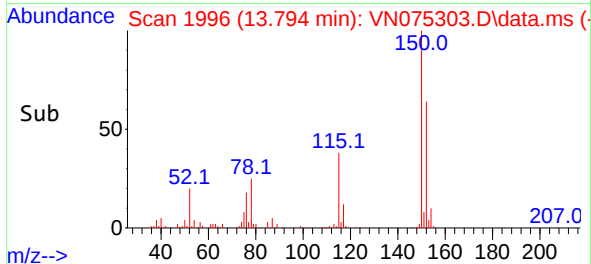
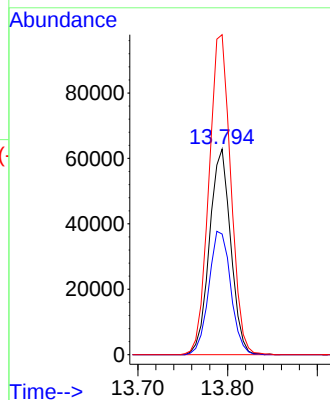
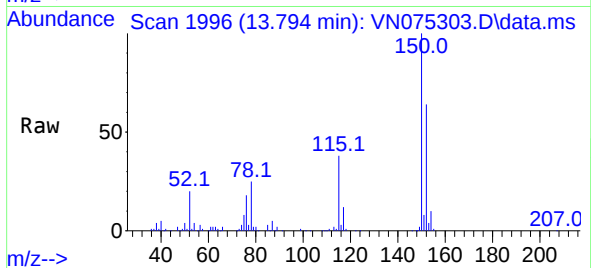




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

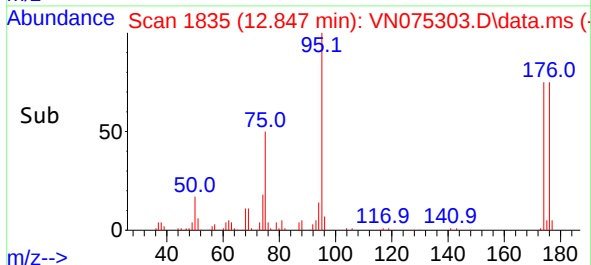
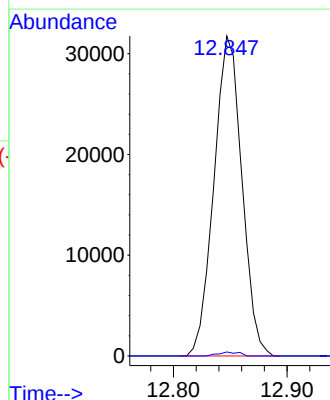
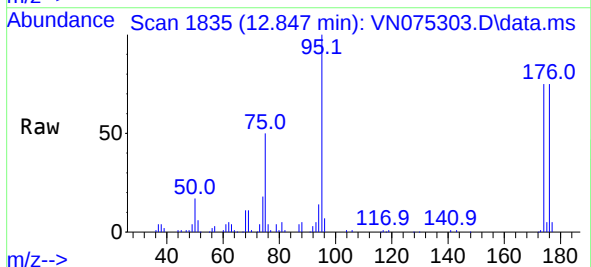
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

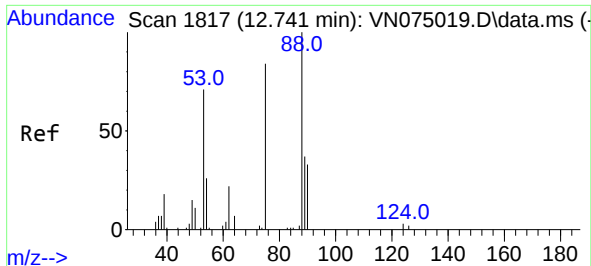
Tgt Ion:152 Resp: 103058
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 160.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 24.785 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion: 75 Resp: 54234
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#

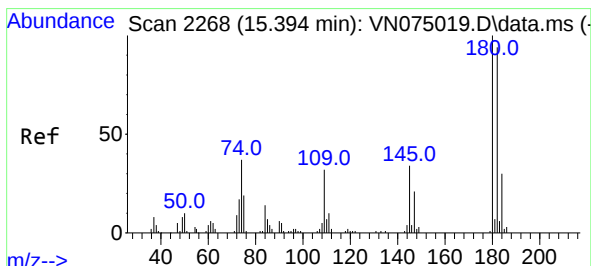
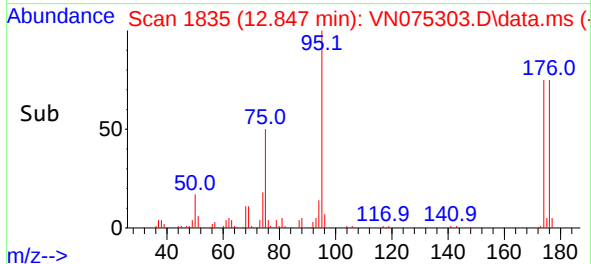
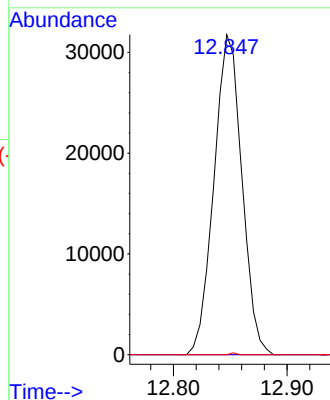
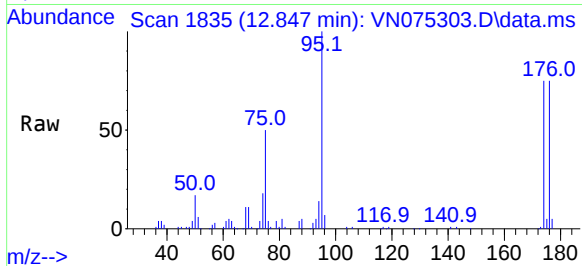




#81
trans-1,4-Dichloro-2-butene
Concen: 63.622 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

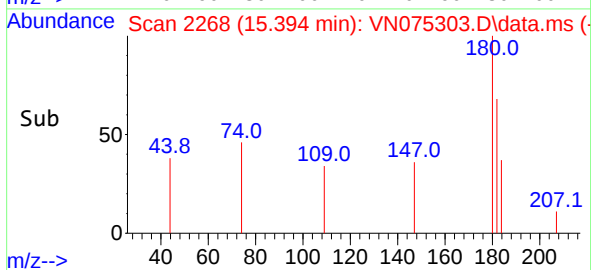
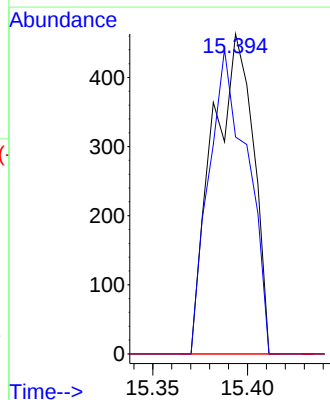
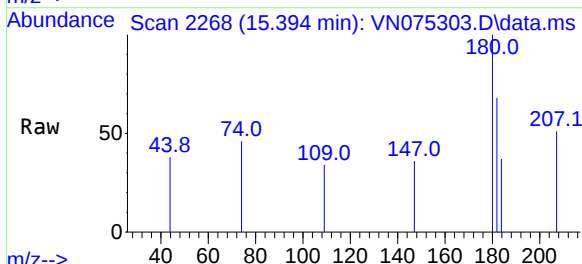
Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

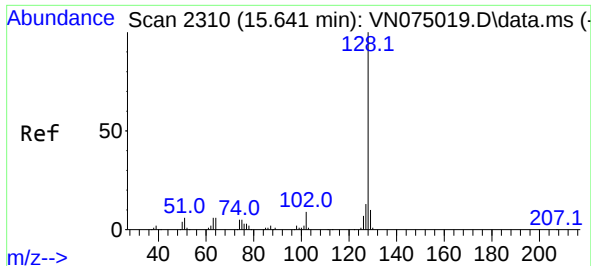
Tgt Ion: 75 Resp: 54234
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.1 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.455 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion:180 Resp: 694
Ion Ratio Lower Upper
180 100
182 89.5 47.8 143.4
145 0.0 16.8 50.3#

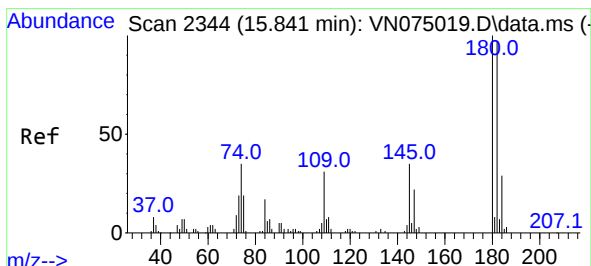
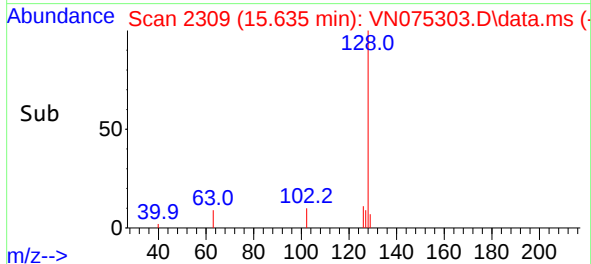
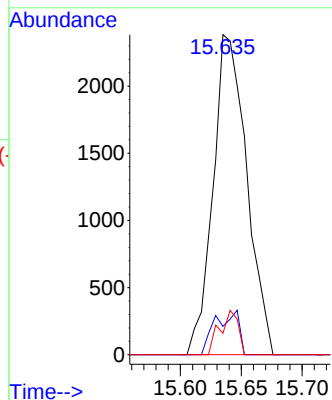
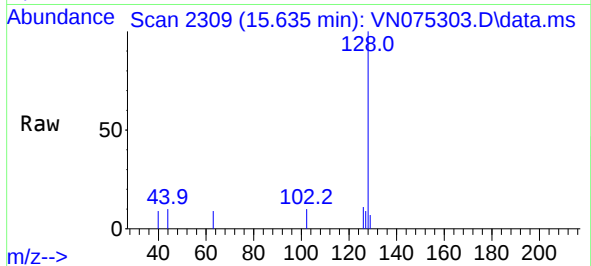




#95
Naphthalene
Concen: 0.781 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Instrument :
MSVOA_N
ClientSampleId :
AUD-1913

Tgt Ion:	128	Resp:	4583
Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.4	15.6#
129	7.5	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.627 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075303.D
Acq: 17 Nov 2022 13:34

Tgt Ion:	180	Resp:	950
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	6.5	17.6	52.9#

