

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035286.D
 Acq On : 25 Apr 2023 16:13
 Operator : JC/MD
 Sample : 02431-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1979

Quant Time: Apr 25 16:43:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

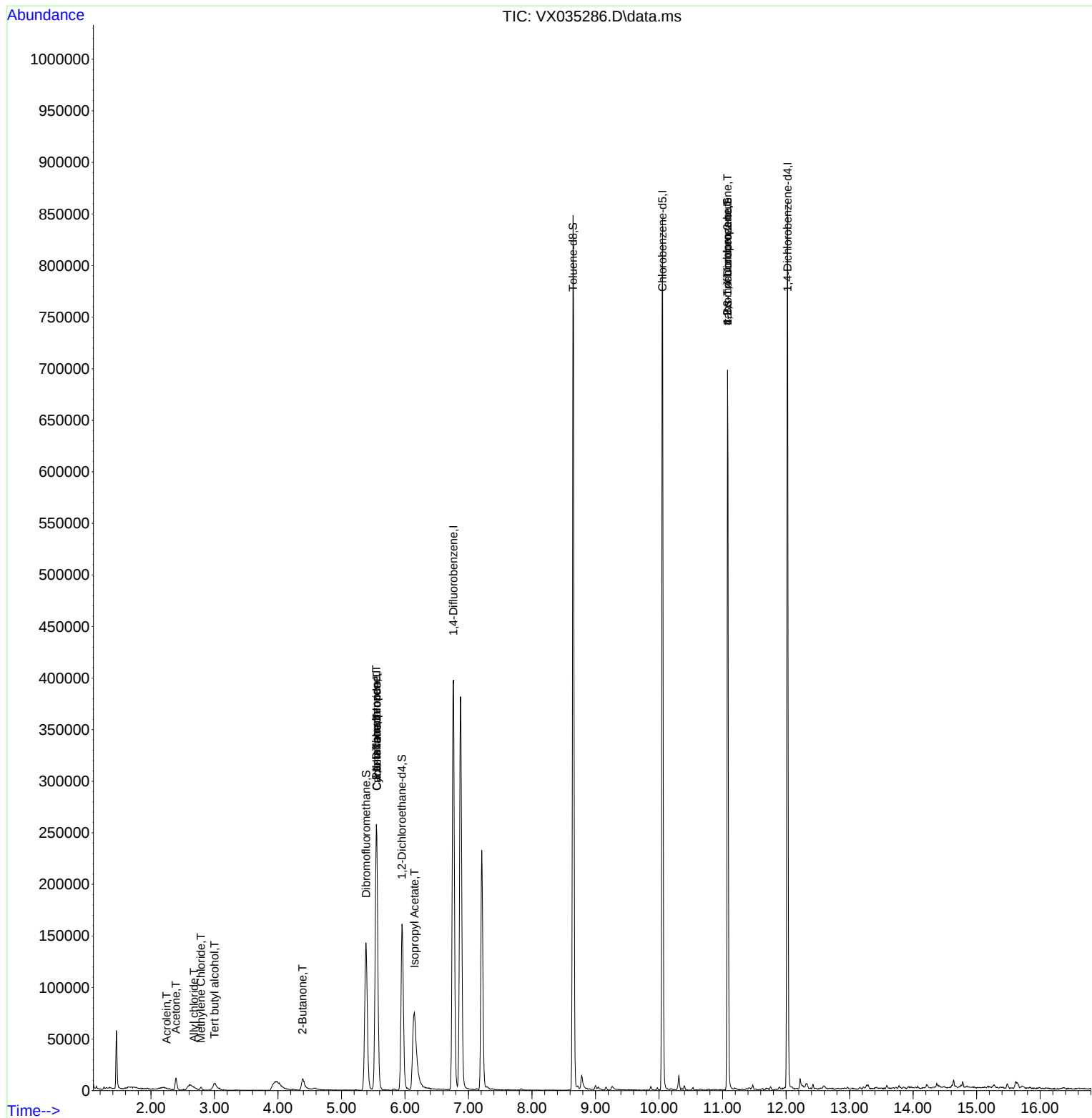
Internal Standards						
1) Pentafluorobenzene	5.550	168	253290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153938	50.376	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.385	113	126530	48.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	8.647	98	499859	51.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	190153	51.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	17313	31.116	ug/l	98
13) Acrolein	2.245	56	256	0.468	ug/l #	33
14) Allyl chloride	2.678	41	931	0.215	ug/l #	26
16) Acetone	2.392	43	15430	11.626	ug/l	98
20) Methylene Chloride	2.788	84	1372	0.451	ug/l #	80
25) 2-Butanone	4.385	43	31528	16.275	ug/l #	51
31) Cyclohexane	5.556	56	4848	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18814	4.655	ug/l #	51
38) Carbon Tetrachloride	5.556	117	25003	6.517	ug/l #	16
43) Isopropyl Acetate	6.147	43	108757	17.535	ug/l #	62
76) 1,2,3-Trichloropropane	11.079	75	94129	25.134	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	94129	81.404	ug/l #	8

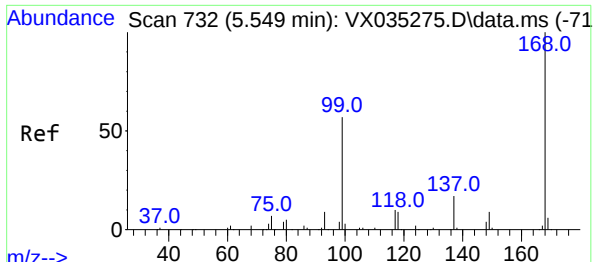
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
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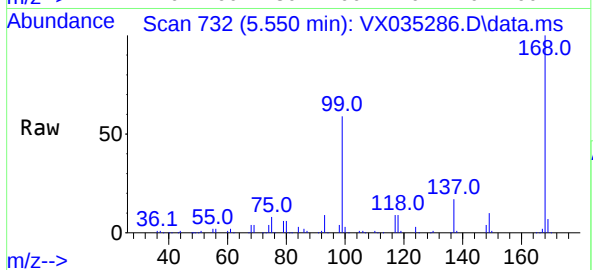
Quant Time: Apr 25 16:43:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



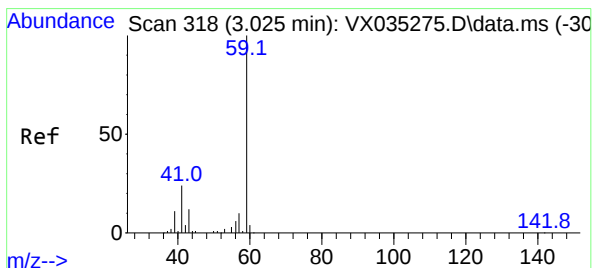
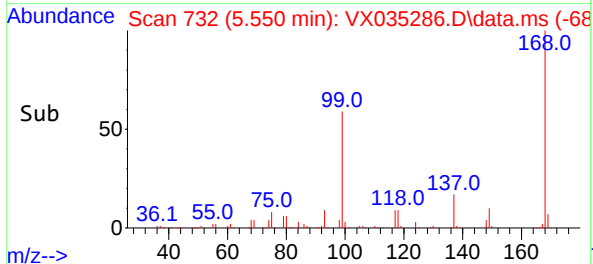
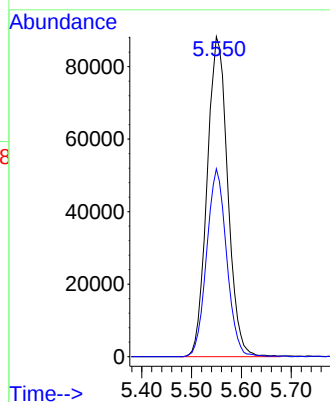


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

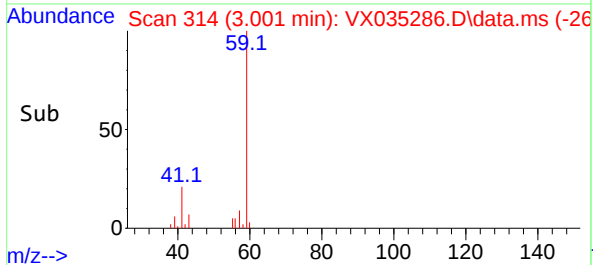
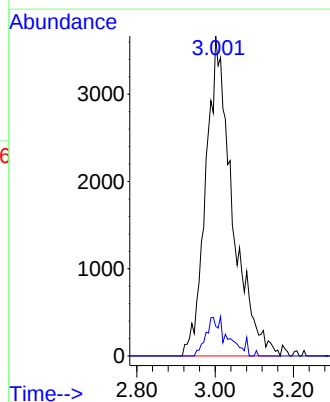
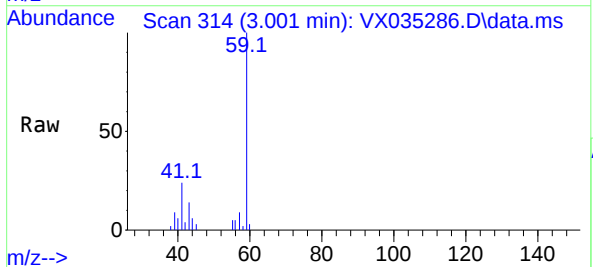


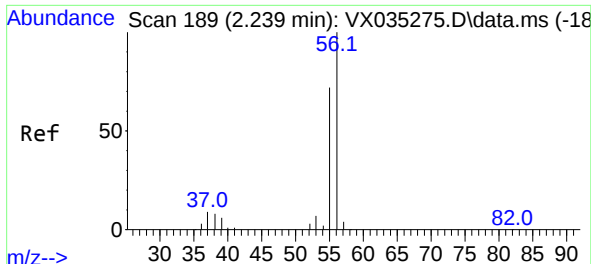
Tgt Ion:168 Resp: 253290
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#11
Tert butyl alcohol
Concen: 31.116 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.024 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 59 Resp: 17313
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1





#13

Acrolein

Concen: 0.468 ug/l

RT: 2.245 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX035286.D

Acq: 25 Apr 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

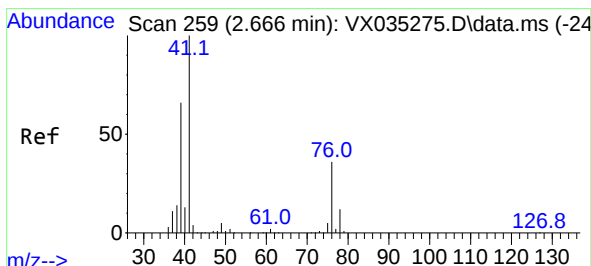
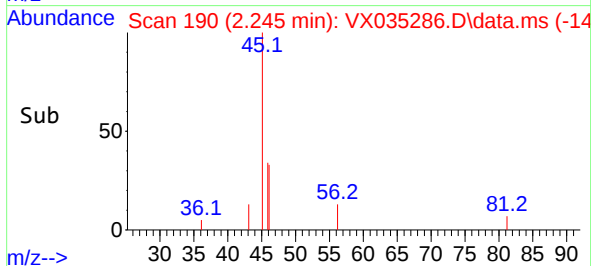
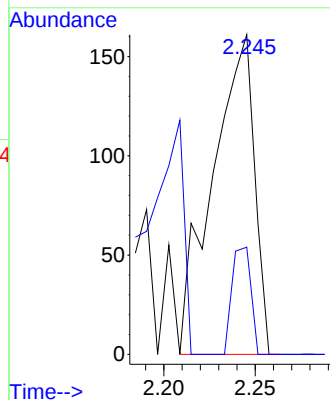
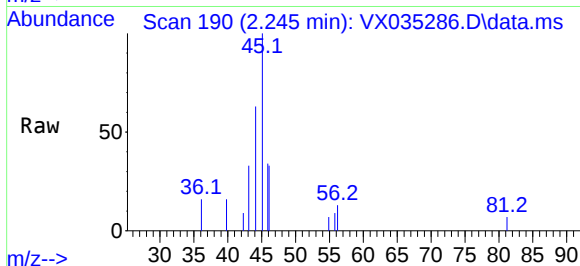
AUD-1979

Tgt Ion: 56 Resp: 256

Ion Ratio Lower Upper

56 100

55 15.2 56.6 85.0#



#14

Allyl chloride

Concen: 0.215 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.012 min

Lab File: VX035286.D

Acq: 25 Apr 2023 16:13

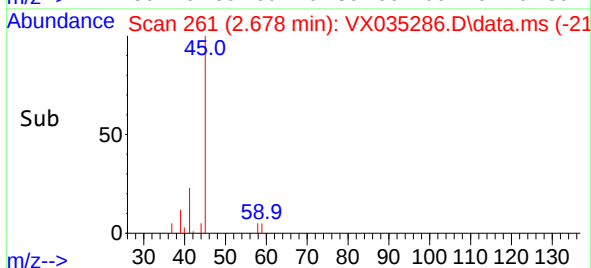
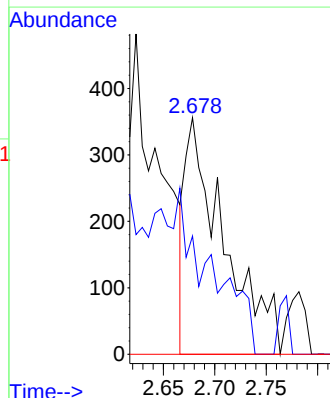
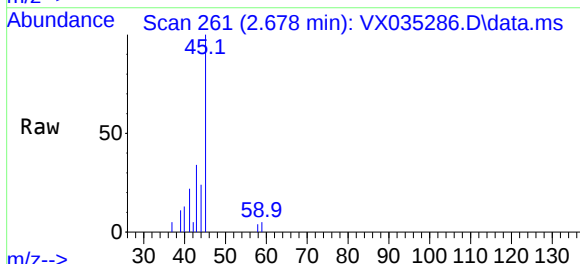
Tgt Ion: 41 Resp: 931

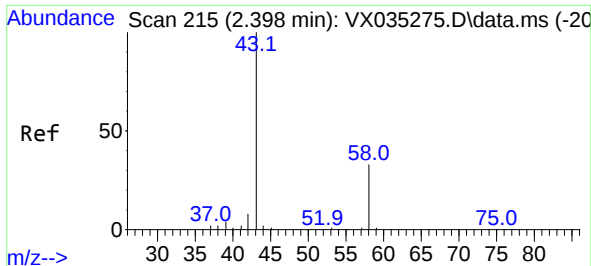
Ion Ratio Lower Upper

41 100

39 0.0 52.4 78.6#

76 0.0 26.0 39.0#

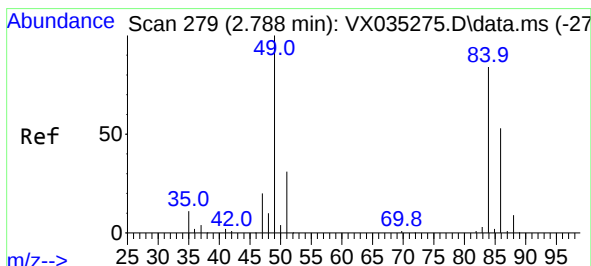
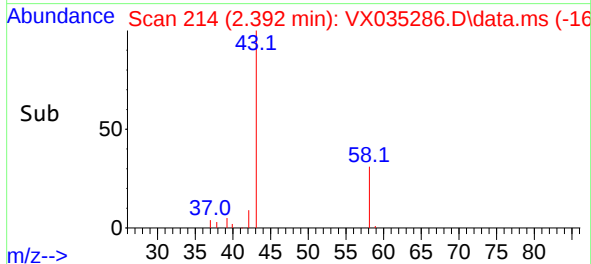
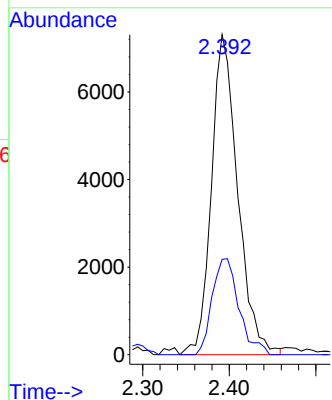
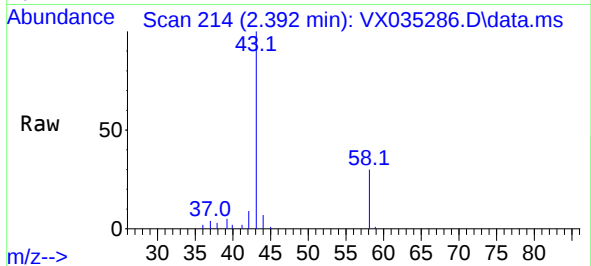




#16
Acetone
Concen: 11.626 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

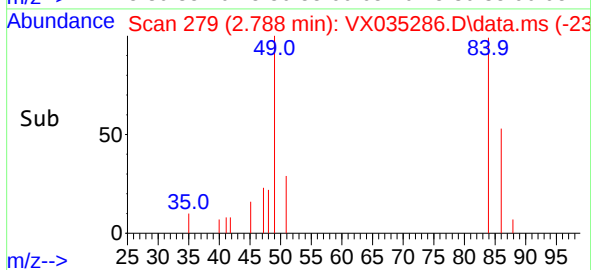
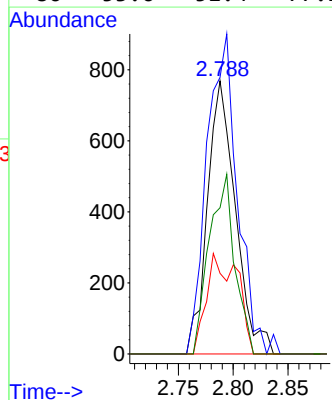
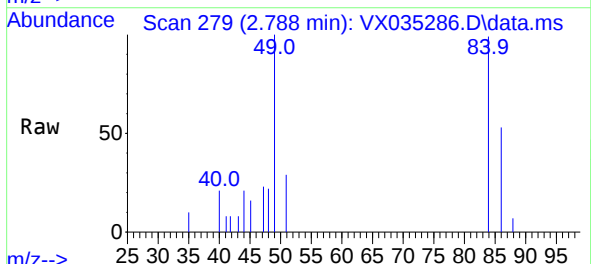
Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

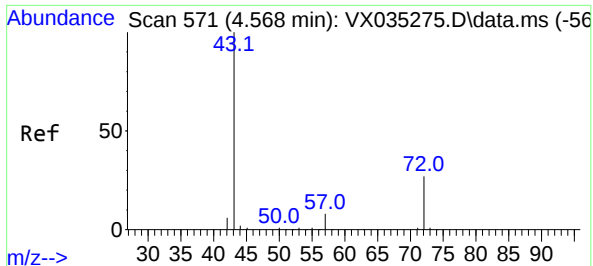
Tgt Ion: 43 Resp: 15430
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1



#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 84 Resp: 1372
Ion Ratio Lower Upper
84 100
49 101.3 103.8 155.8#
51 29.5 31.8 47.8#
86 53.6 51.4 77.2

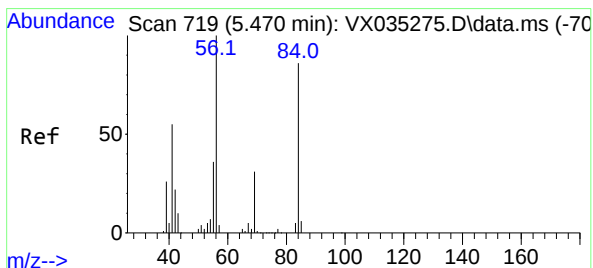
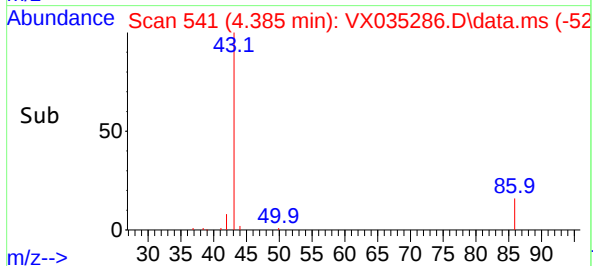
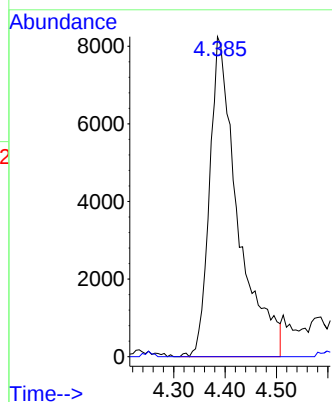
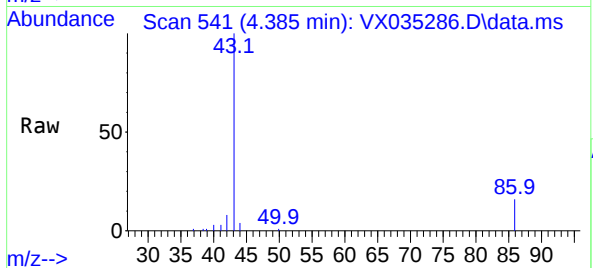




#25
2-Butanone
Concen: 16.275 ug/l
RT: 4.385 min Scan# 541
Delta R.T. -0.183 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

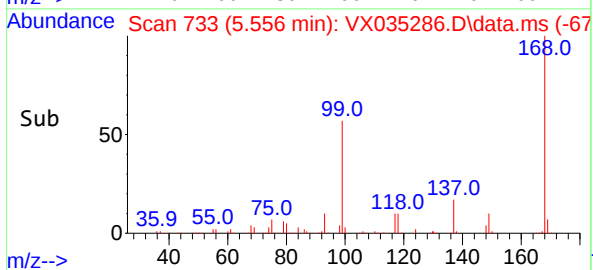
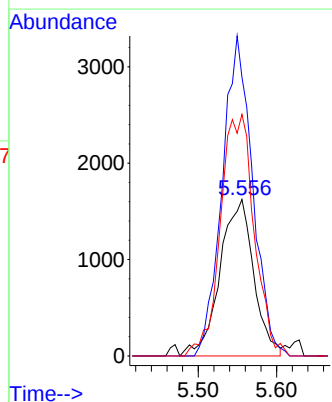
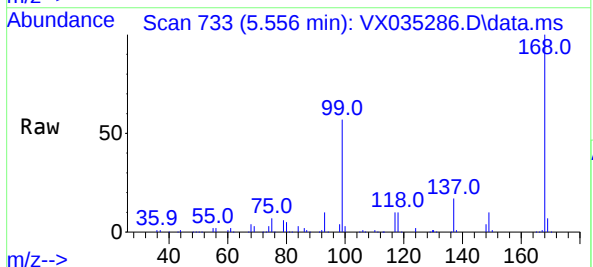
Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

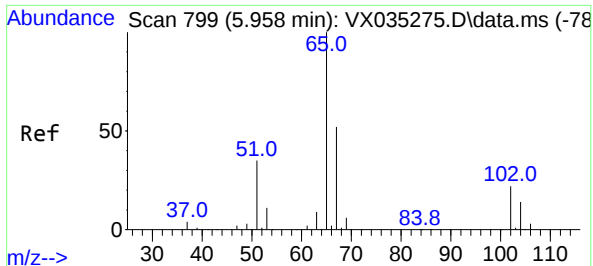
Tgt Ion: 43 Resp: 31528
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 56 Resp: 4848
Ion Ratio Lower Upper
56 100
69 178.1 23.7 35.5#
84 154.5 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.376 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035286.D

Acq: 25 Apr 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

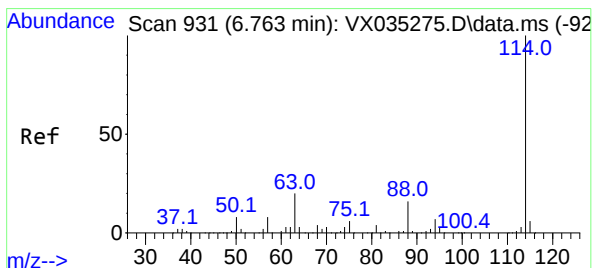
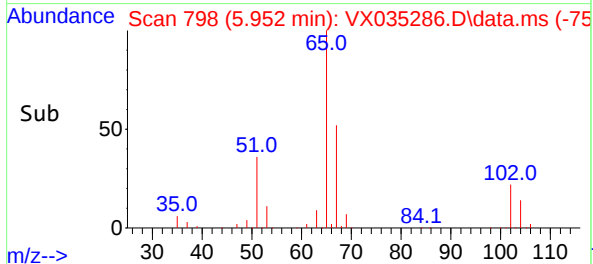
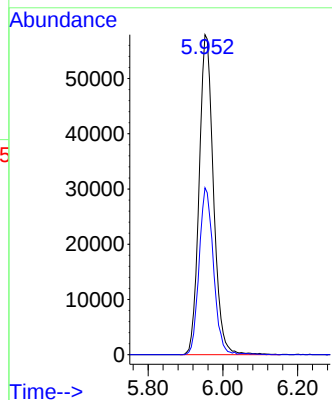
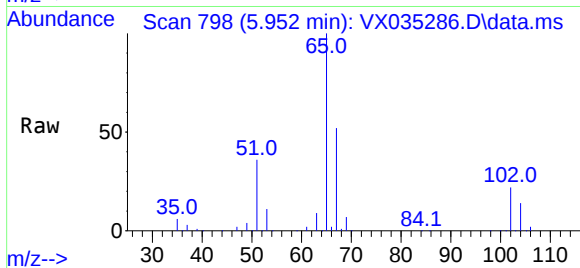
AUD-1979

Tgt Ion: 65 Resp: 153938

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035286.D

Acq: 25 Apr 2023 16:13

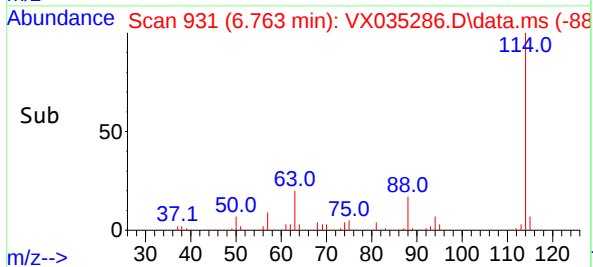
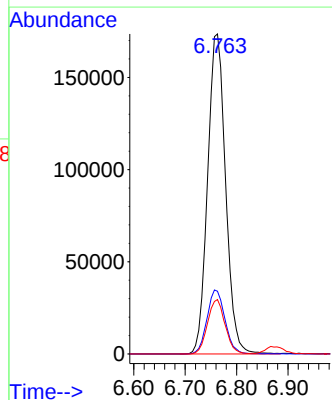
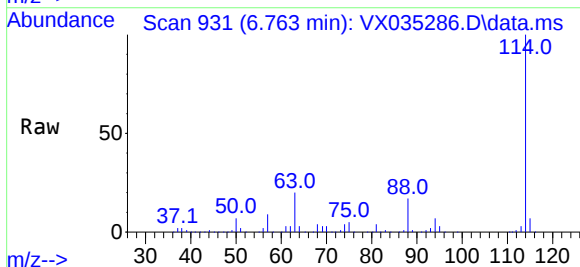
Tgt Ion: 114 Resp: 421686

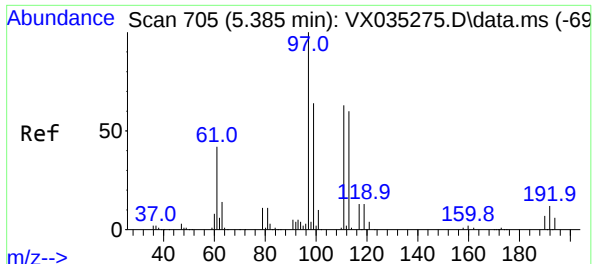
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 17.0 0.0 33.2



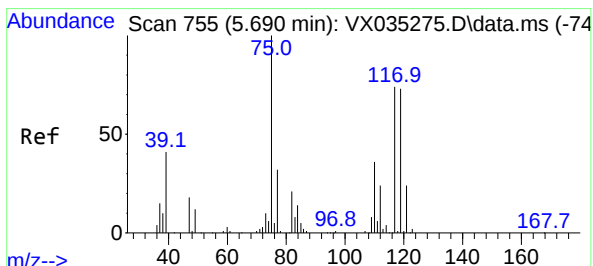
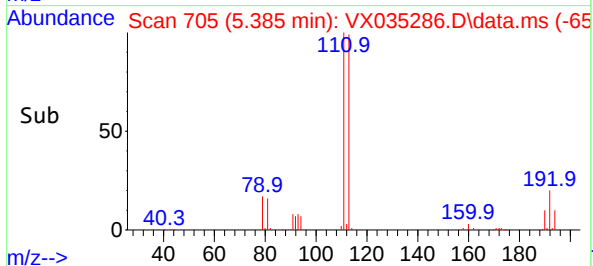
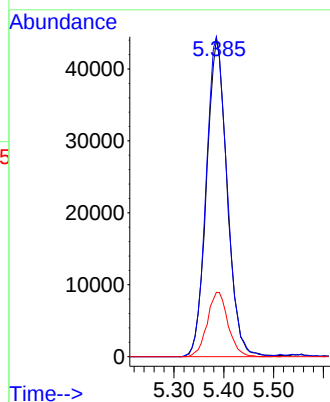
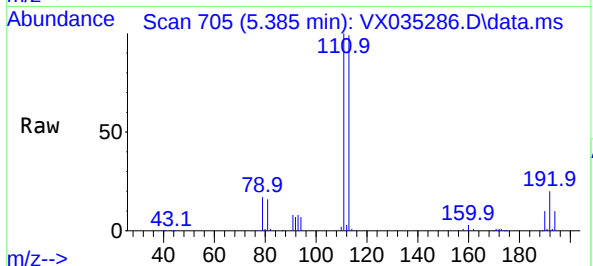


#35
 Dibromofluoromethane
 Concen: 48.888 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035286.D
 Acq: 25 Apr 2023 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1979

Tgt Ion: 113 Resp: 126530

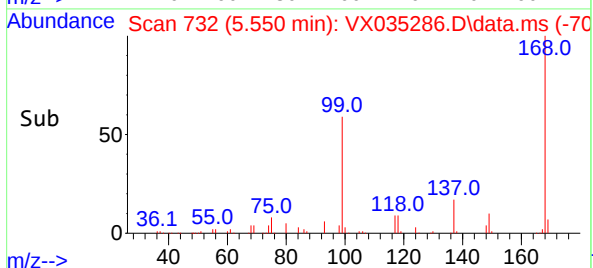
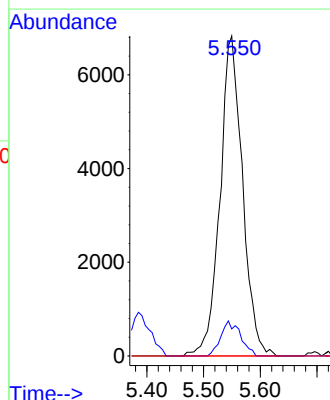
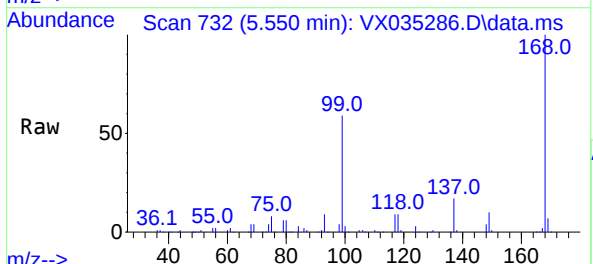
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.7	125.5
192	20.4	15.4	23.2

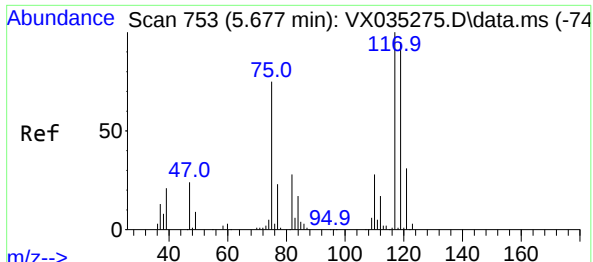


#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX035286.D
 Acq: 25 Apr 2023 16:13

Tgt Ion: 75 Resp: 18814

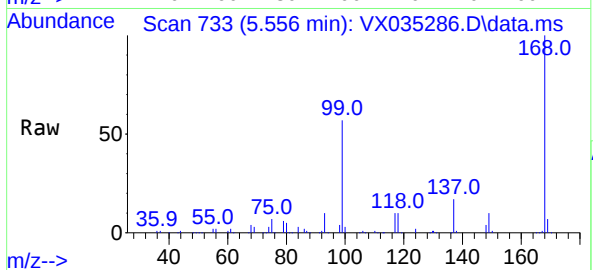
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.5	52.5#
77	0.0	24.3	36.5#



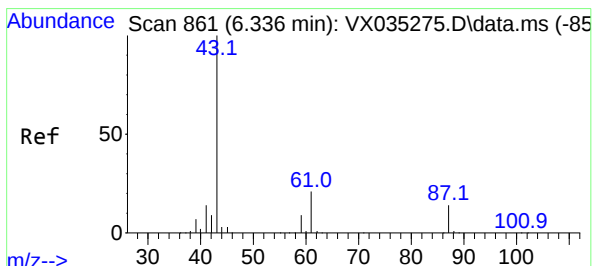
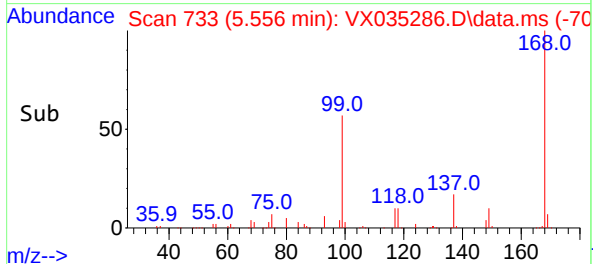
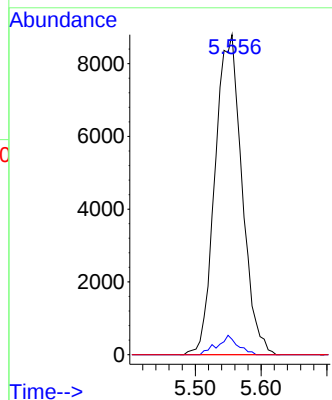


#38
Carbon Tetrachloride
Concen: 6.517 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

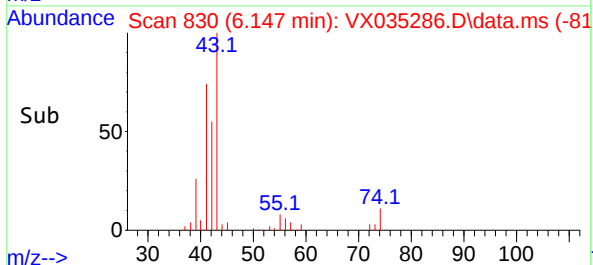
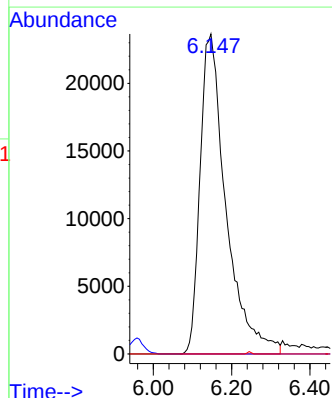
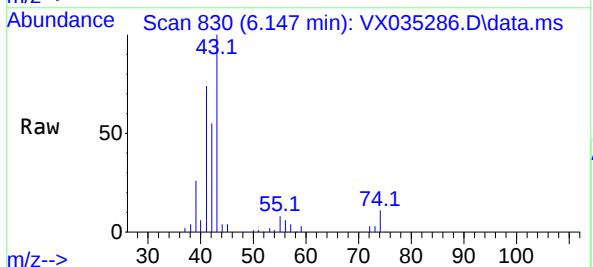


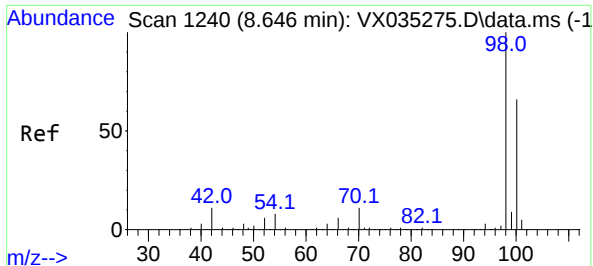
Tgt Ion:117 Resp: 25003
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 17.535 ug/l
RT: 6.147 min Scan# 830
Delta R.T. -0.189 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 43 Resp: 108757
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#

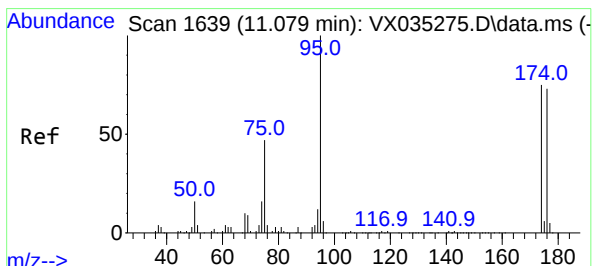
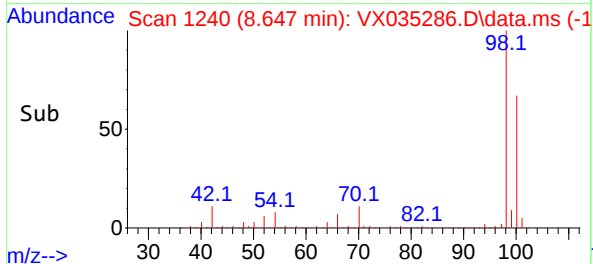
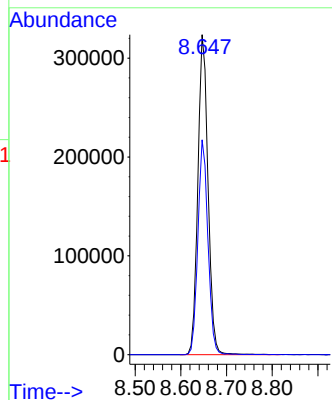
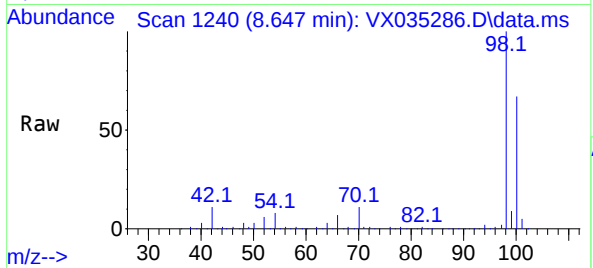




#50
Toluene-d8
Concen: 51.197 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

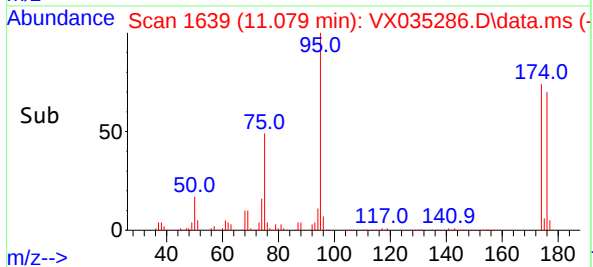
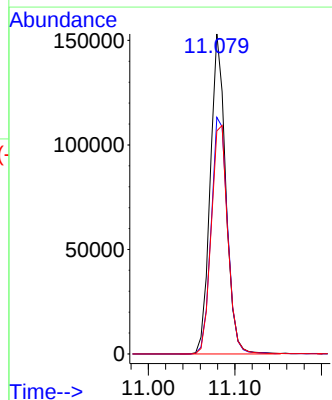
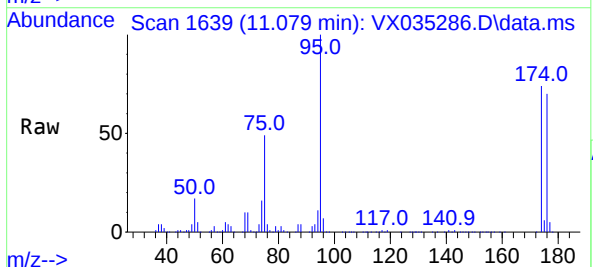
Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

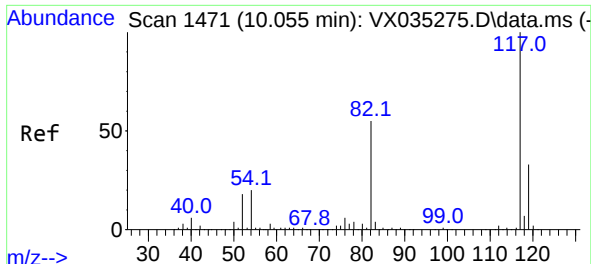
Tgt Ion: 98 Resp: 499859
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 95 Resp: 190153
Ion Ratio Lower Upper
95 100
174 78.6 0.0 147.4
176 76.6 0.0 140.6

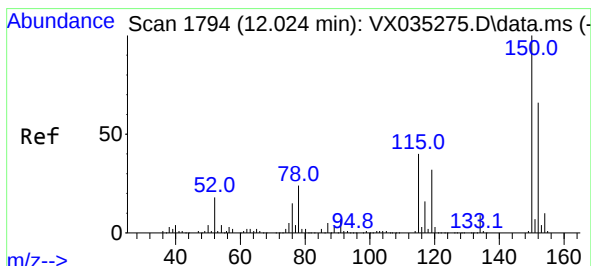
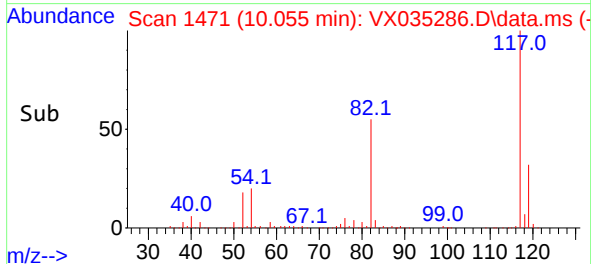
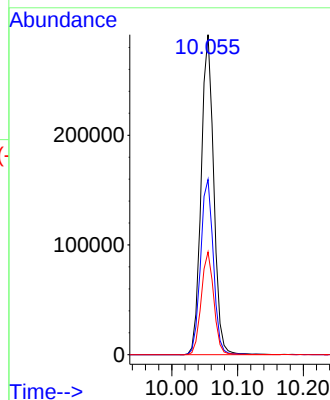
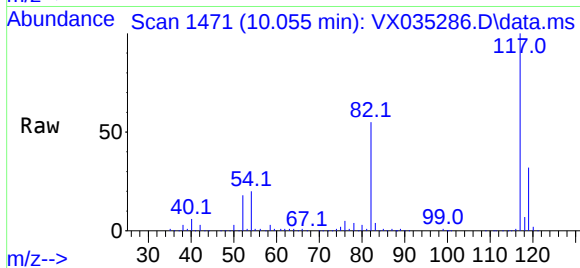




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

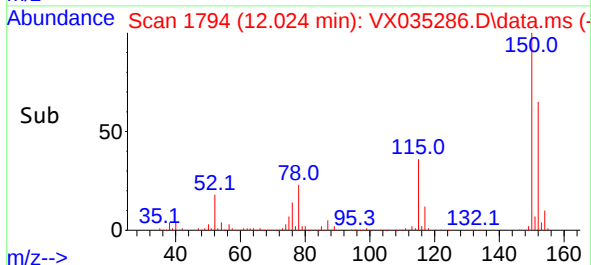
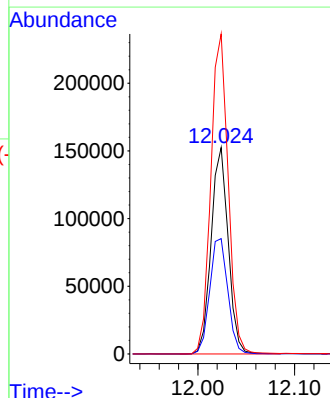
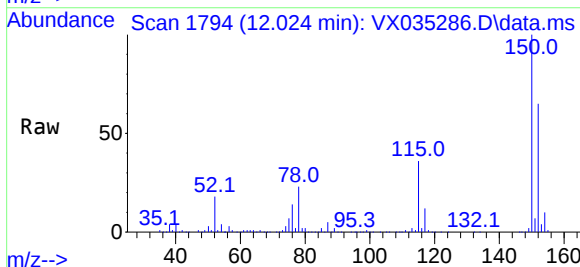
Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

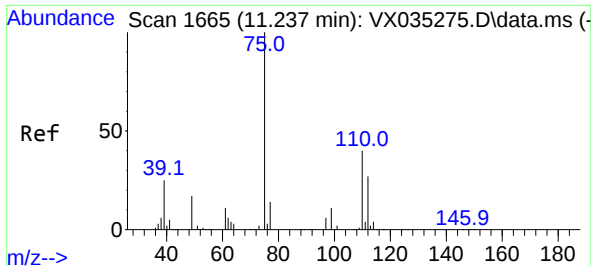
Tgt Ion:117 Resp: 387739
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion:152 Resp: 187746
Ion Ratio Lower Upper
152 100
115 59.3 45.0 135.0
150 157.7 0.0 352.4

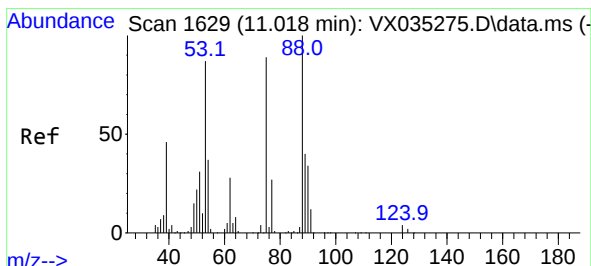
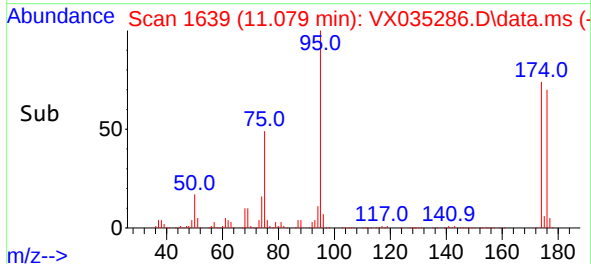
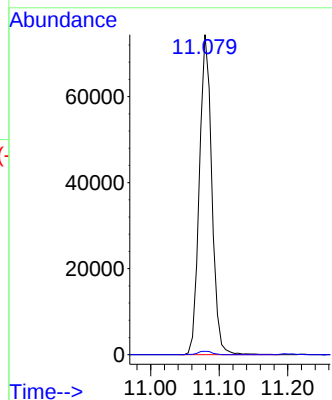
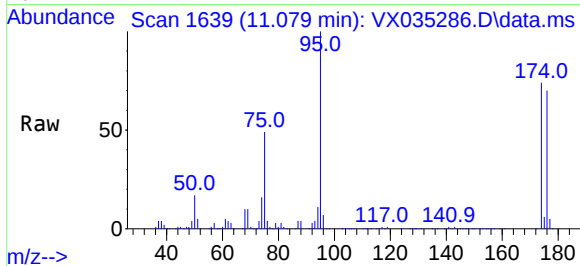




#76
1,2,3-Trichloropropane
Concen: 25.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

Tgt Ion: 75 Resp: 94129
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Tgt Ion: 75 Resp: 94129
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

