

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)

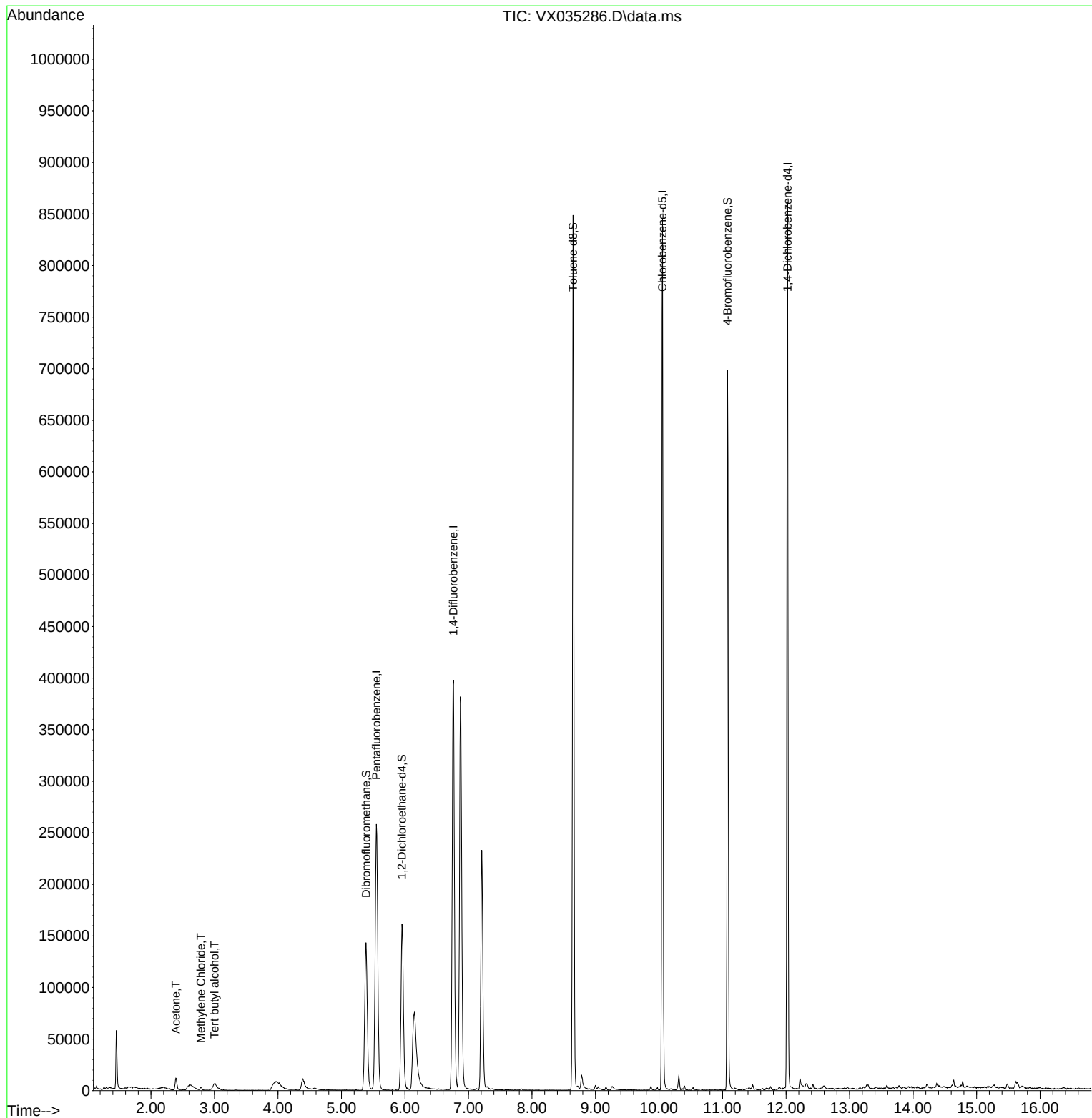
Internal Standards						
1) Pentafluorobenzene	5.550	168	253290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
16) Acetone	2.392	43	15430	11.626	ug/l	98
20) Methylene Chloride	2.788	84	1372	0.451	ug/l #	80

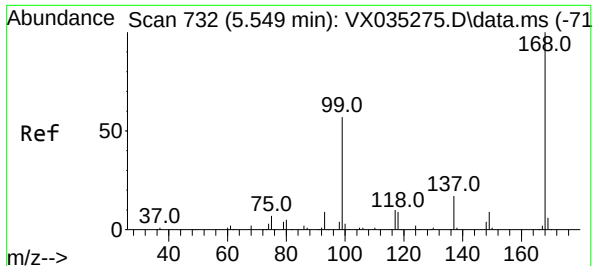
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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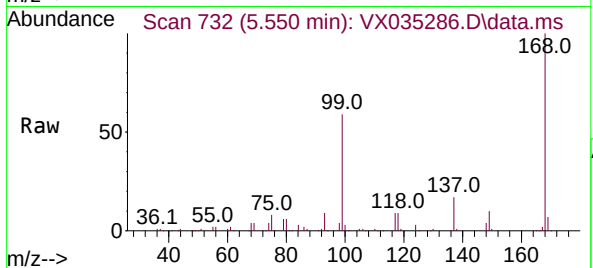
Quant Time: Apr 25 16:43:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



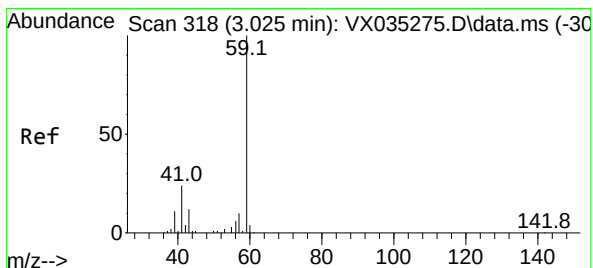
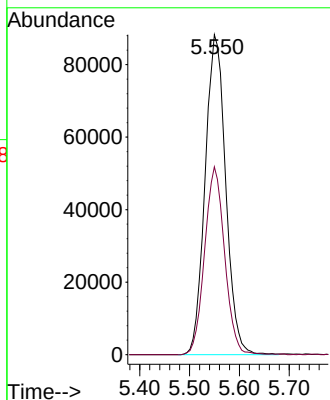
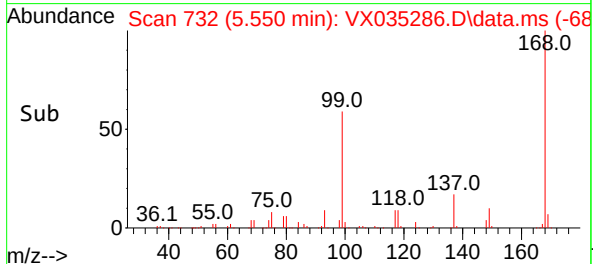


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

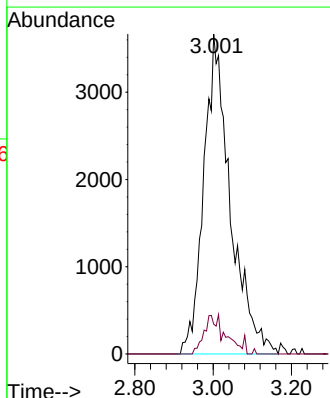
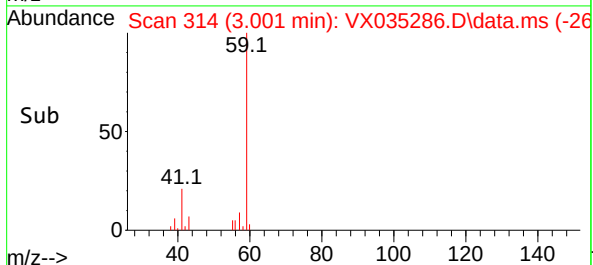
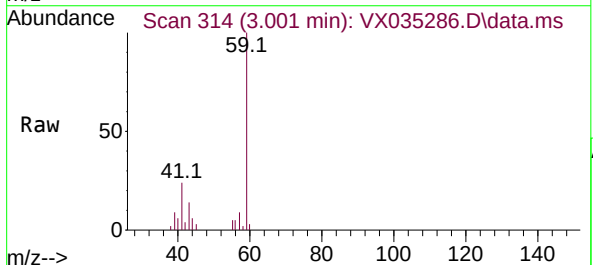


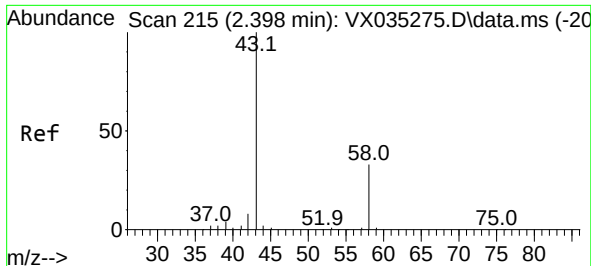
Tgt Ion:168 Resp: 253290
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#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

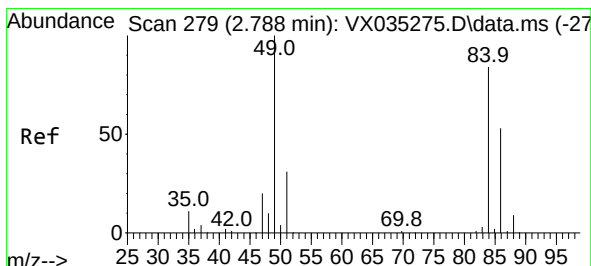
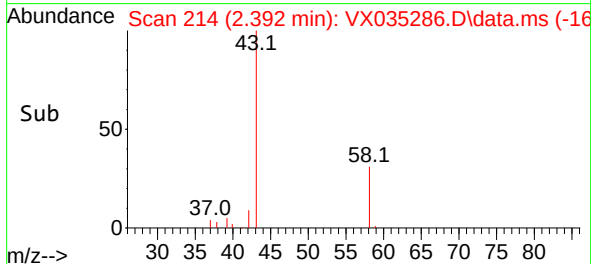
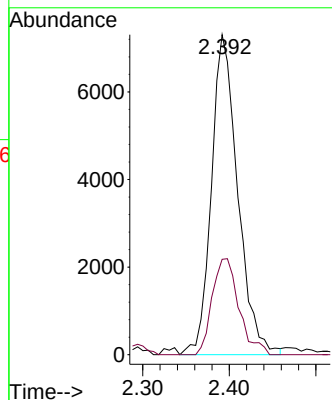
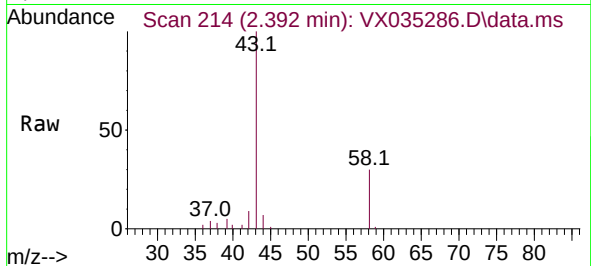




#16
Acetone
Concen: 11.626 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

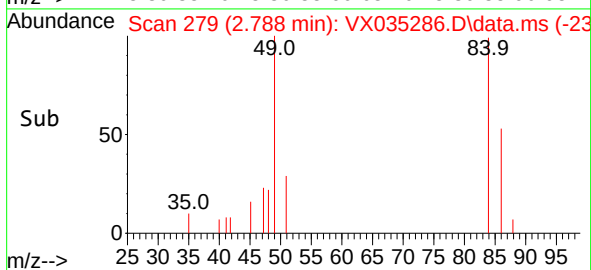
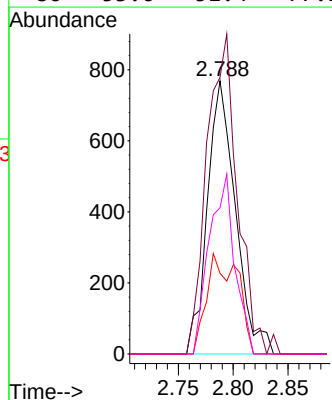
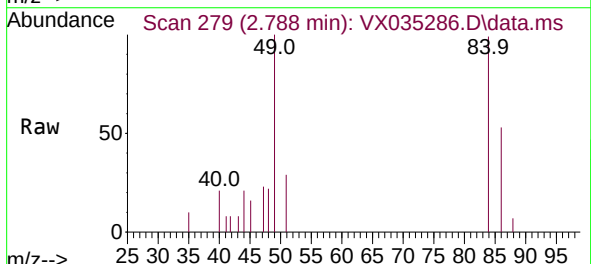
Instrument :
MSVOA_X
ClientSampleId :
AUD-1979

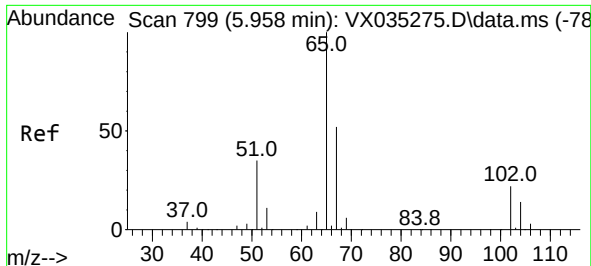
Tgt Ion: 43 Resp: 15430
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1



#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





#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 :

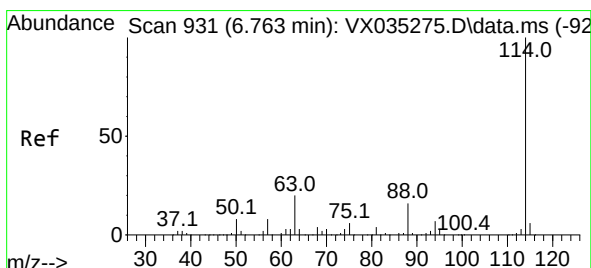
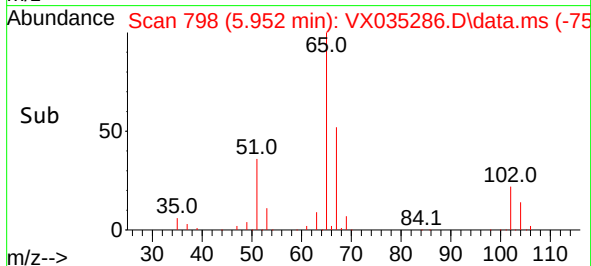
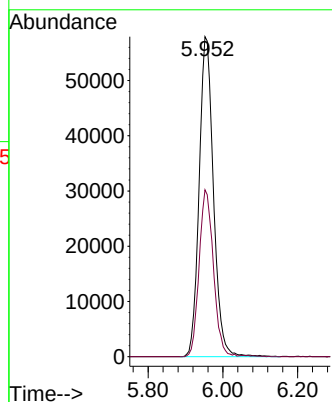
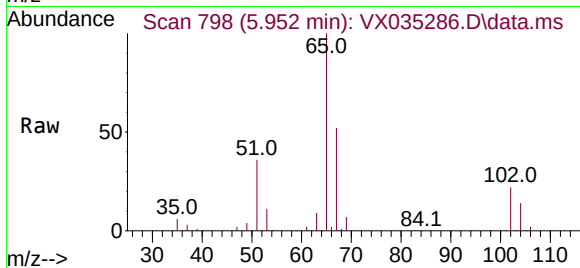
AUD-1979

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

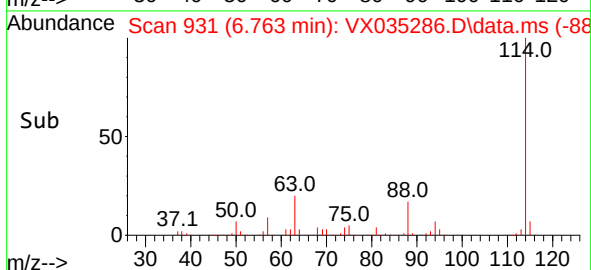
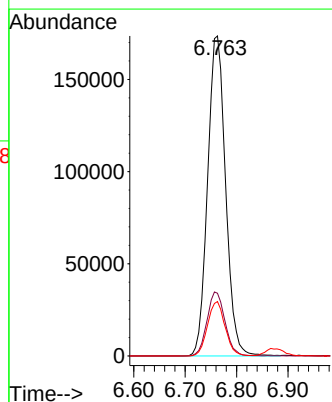
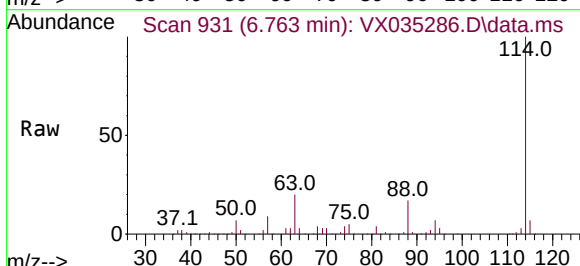
Tgt Ion: 114 Resp: 421686

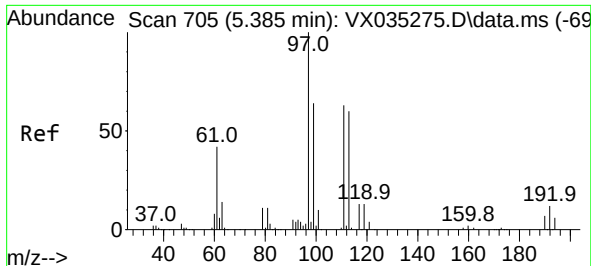
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 17.0 0.0 33.2

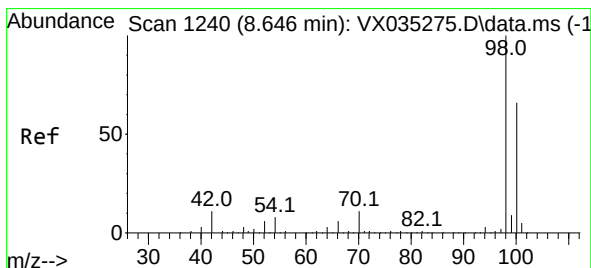
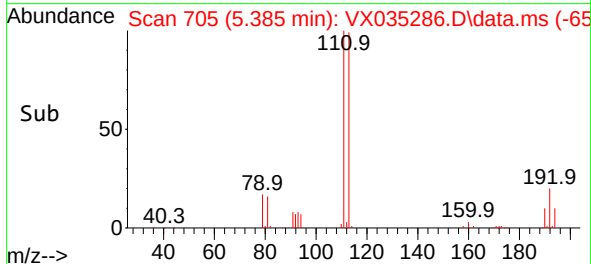
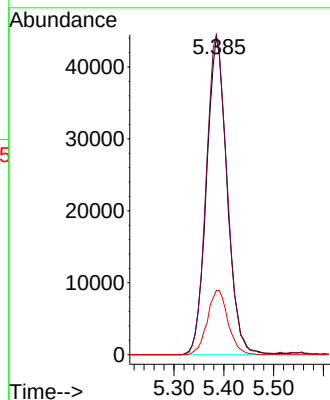
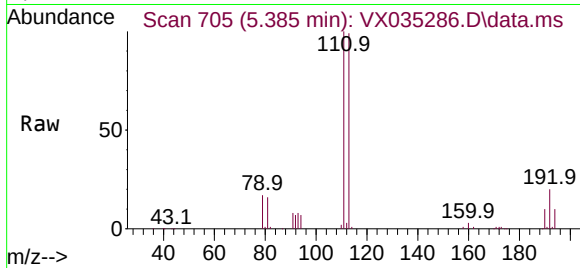




#35
 Dibromofluoromethane
 Concen: 48.888 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035286.D
 Acq: 25 Apr 2023 16:13

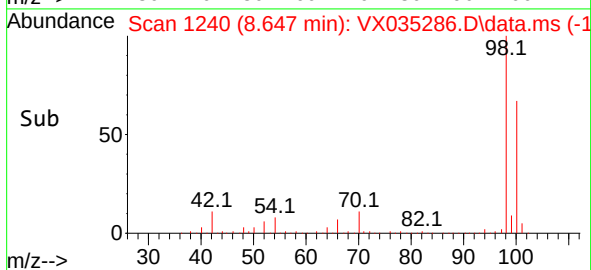
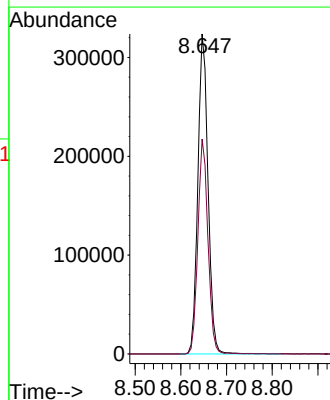
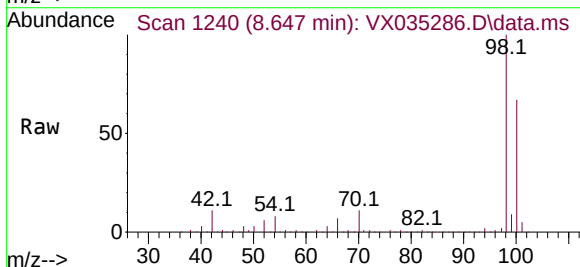
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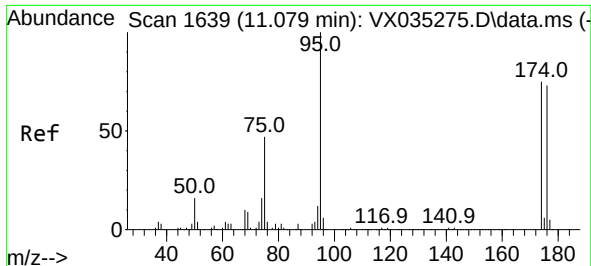
Tgt Ion:113 Resp: 126530
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.7 125.5
 192 20.4 15.4 23.2



#50
 Toluene-d8
 Concen: 51.197 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX035286.D
 Acq: 25 Apr 2023 16:13

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

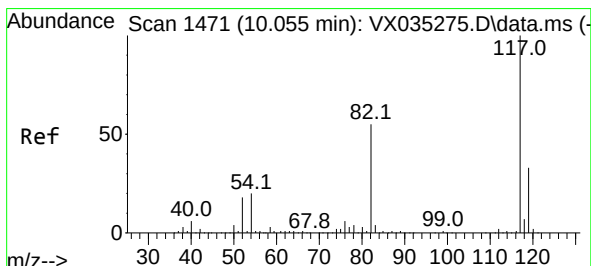
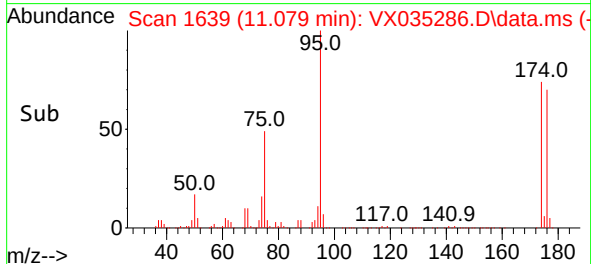
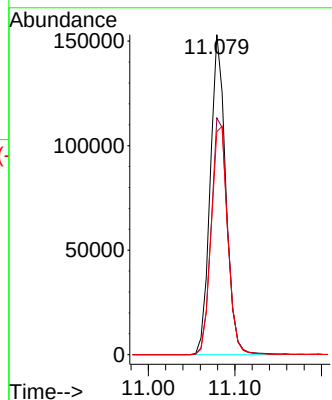
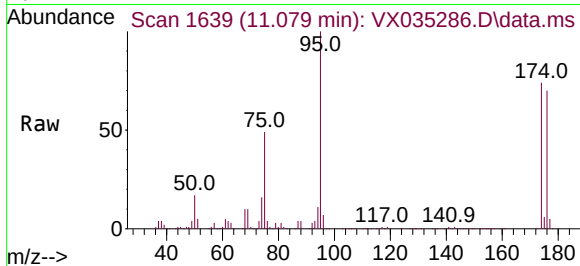




#62
4-Bromofluorobenzene
Concen: 51.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035286.D
Acq: 25 Apr 2023 16:13

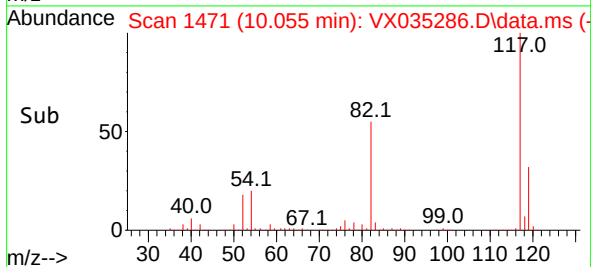
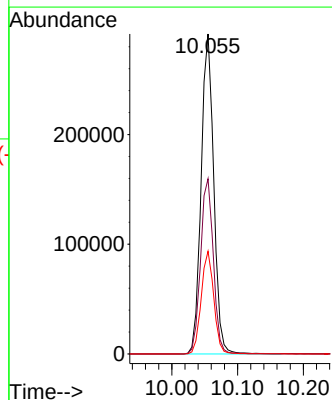
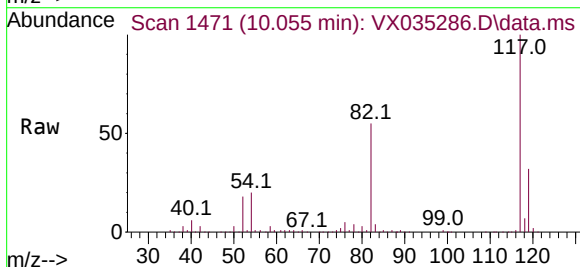
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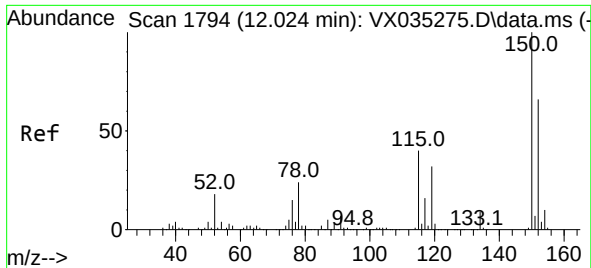
Tgt Ion: 95 Resp: 190153
Ion Ratio Lower Upper
95 100
174 78.6 0.0 147.4
176 76.6 0.0 140.6



#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

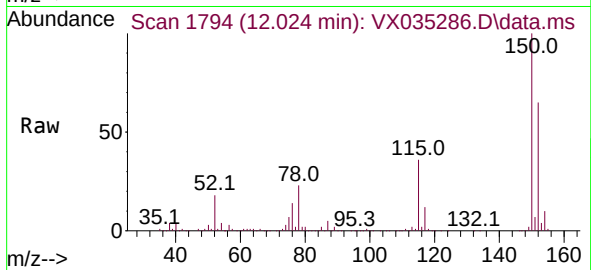
Tgt Ion: 117 Resp: 387739
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.1 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 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:152 Resp: 187746
 Ion Ratio Lower Upper
 152 100
 115 59.3 45.0 135.0
 150 157.7 0.0 352.4

