

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043130.D
 Acq On : 24 Sep 2024 18:08
 Operator : JC/MD
 Sample : P4164-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20240919

Quant Time: Sep 25 01:34:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

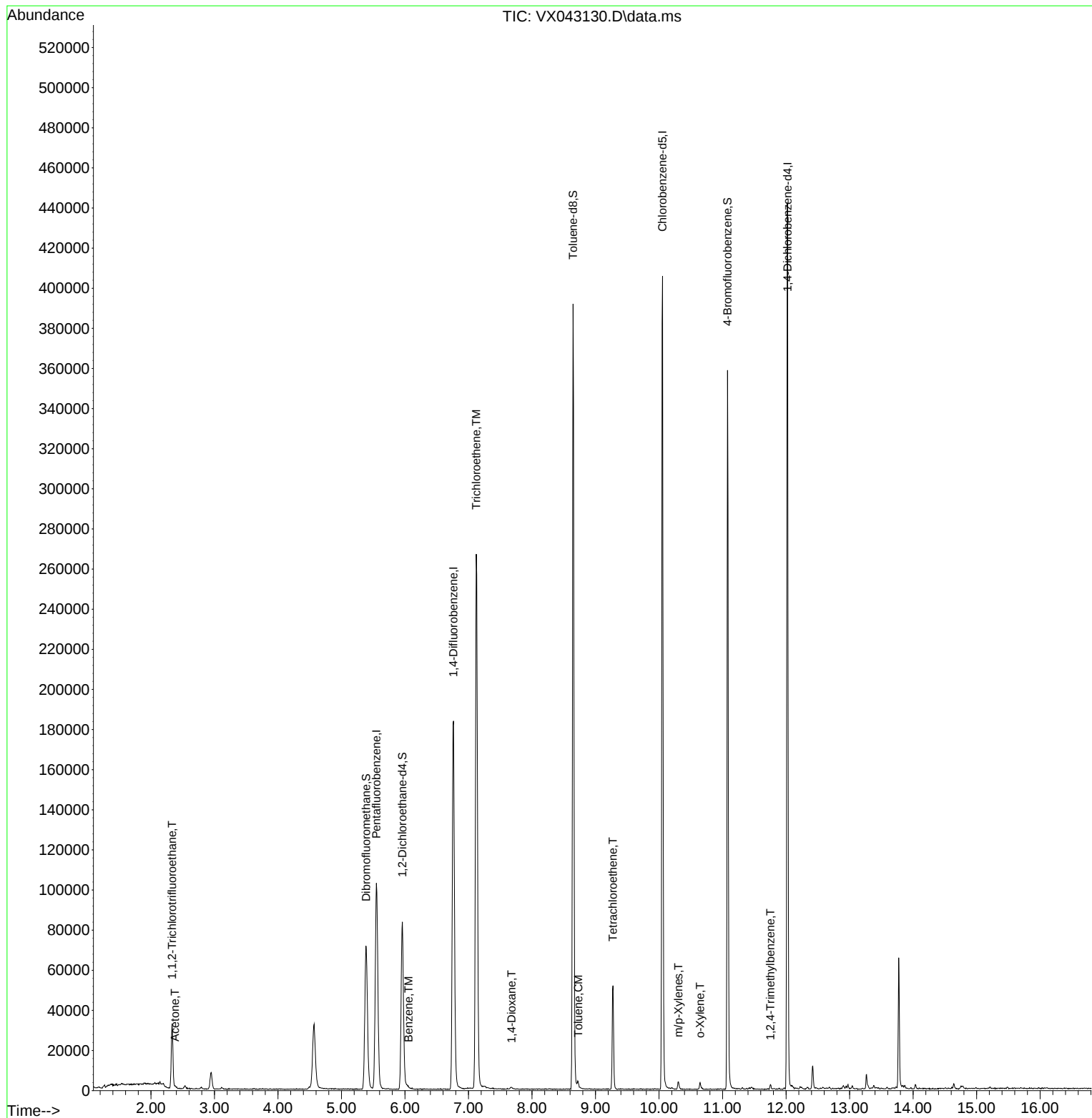
Internal Standards						
1) Pentafluorobenzene	5.550	168	92634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82427	53.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.140%	
35) Dibromofluoromethane	5.385	113	62742	48.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.520%	
50) Toluene-d8	8.647	98	227663	51.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	11.079	95	95035	53.651	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.300%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	12108	11.797	ug/l	99
16) Acetone	2.379	43	1006	1.398	ug/l	93
40) Benzene	6.056	78	1474	0.313	ug/l #	83
44) Trichloroethene	7.123	130	102549	79.509	ug/l	97
49) 1,4-Dioxane	7.677	88	815	26.225	ug/l	92
52) Toluene	8.726	92	1144	0.377	ug/l	94
64) Tetrachloroethene	9.275	164	9586	7.453	ug/l	92
68) m/p-Xylenes	10.305	106	975	0.396	ug/l	76
69) o-Xylene	10.646	106	756	0.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1519	0.268	ug/l	93

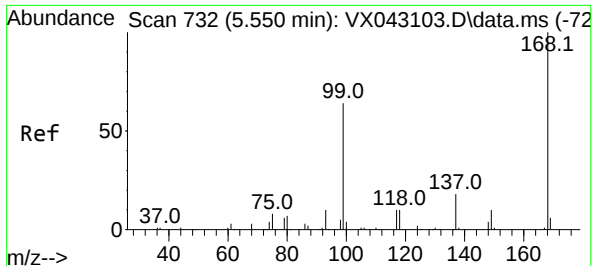
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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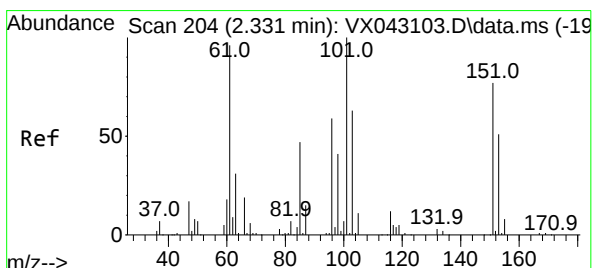
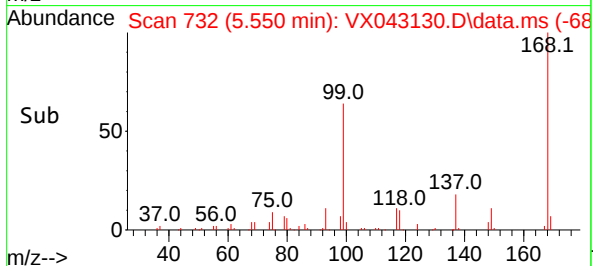
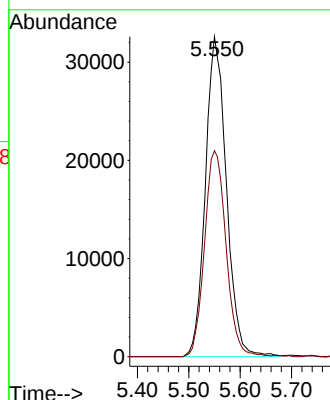
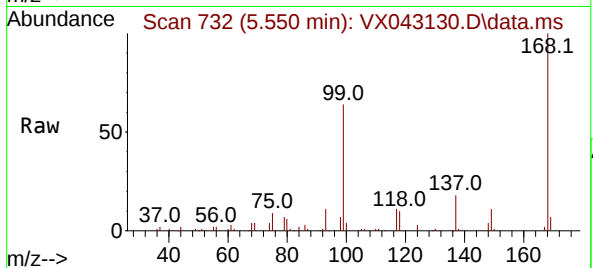




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

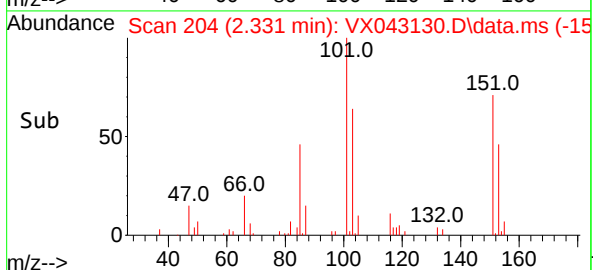
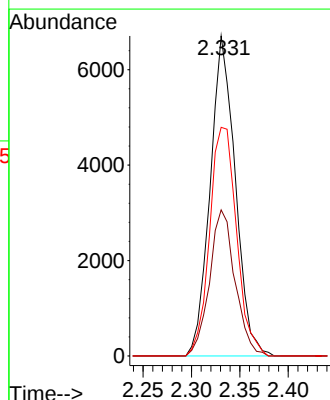
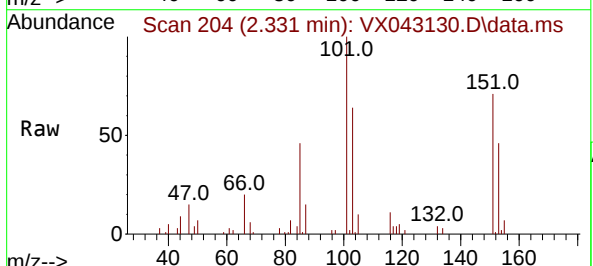
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20240919

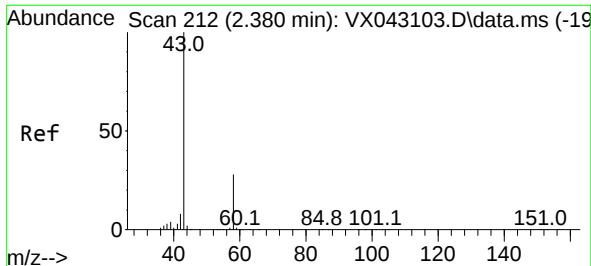
Tgt Ion:168 Resp: 92634
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.797 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

Tgt Ion:101 Resp: 12108
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.4
151 76.8 60.2 90.4

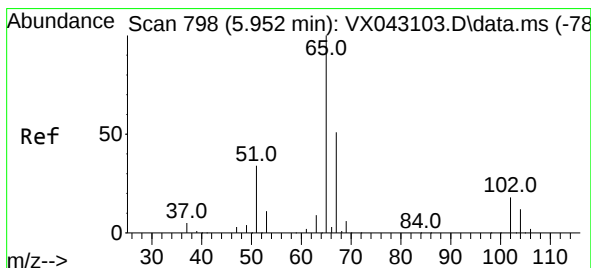
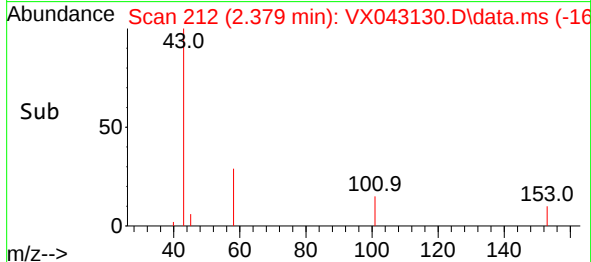
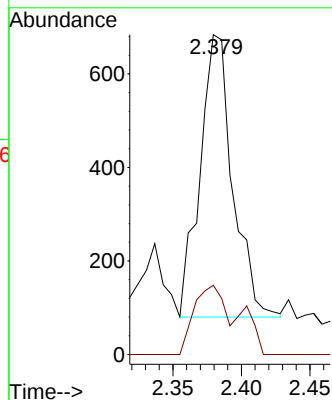
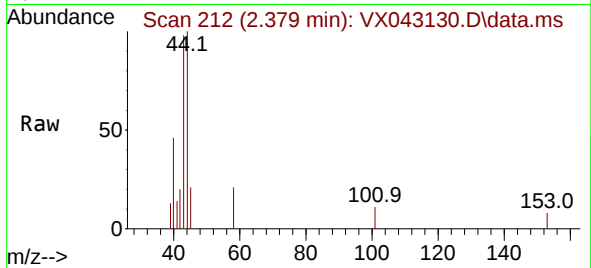




#16
Acetone
Concen: 1.398 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

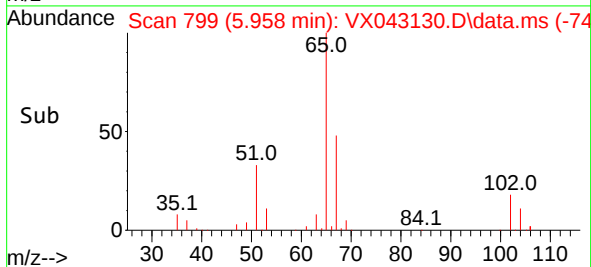
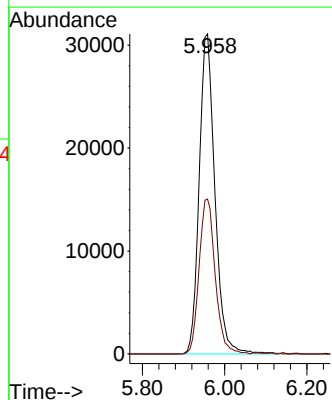
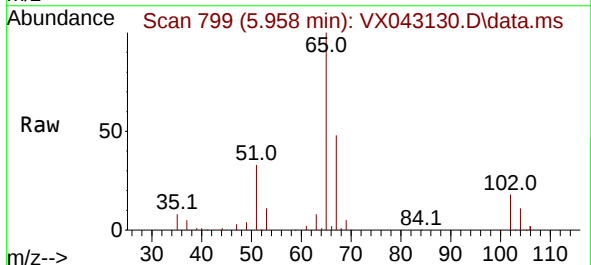
Instrument :
MSVOA_X
ClientSampleId :
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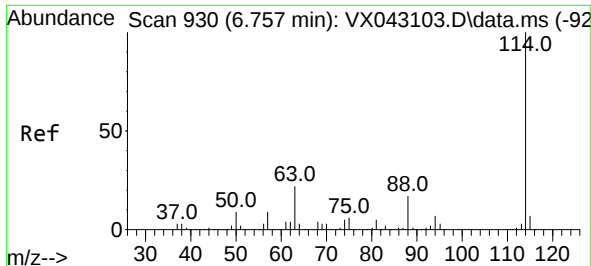
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 24.5 22.6 34.0



#33
1,2-Dichloroethane-d4
Concen: 53.569 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

Tgt Ion: 65 Resp: 82427
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

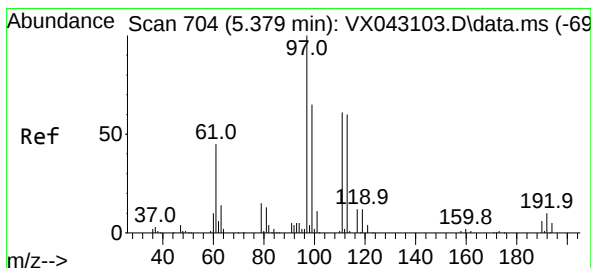
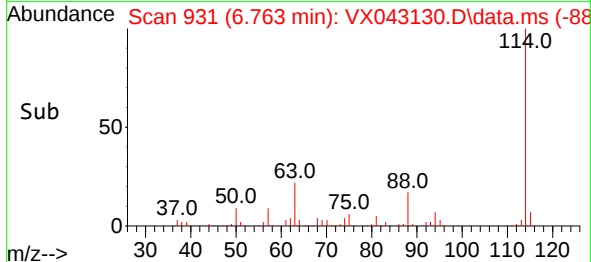
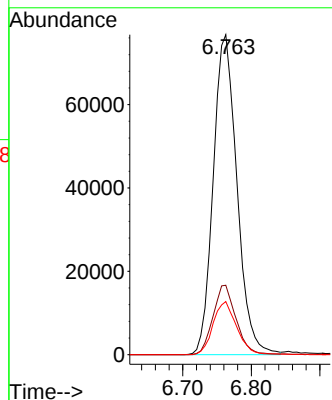
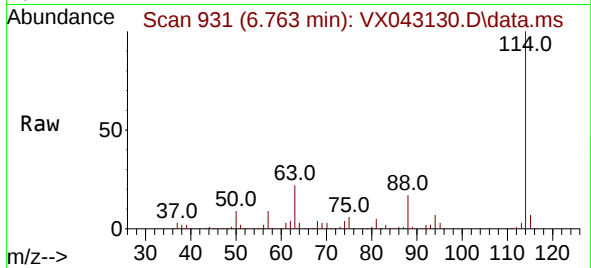




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

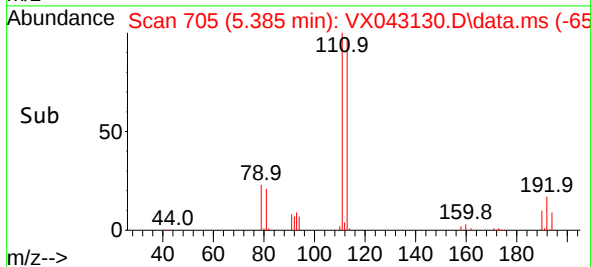
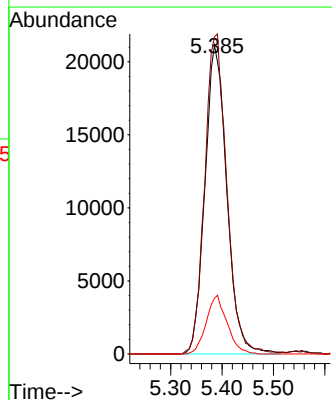
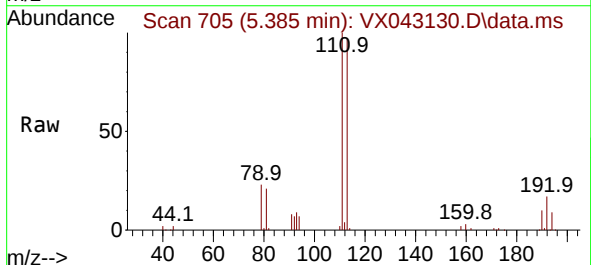
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20240919

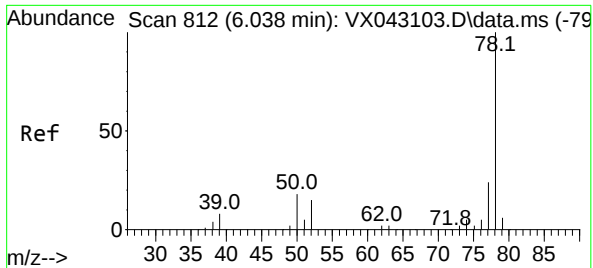
Tgt Ion:114 Resp: 184298
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.259 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

Tgt Ion:113 Resp: 62742
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 18.0 14.6 22.0





#40

Benzene

Concen: 0.313 ug/l

RT: 6.056 min Scan# 812

Delta R.T. 0.018 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

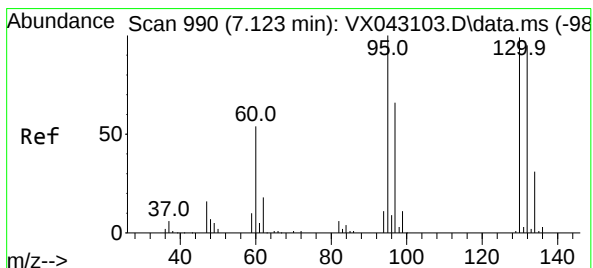
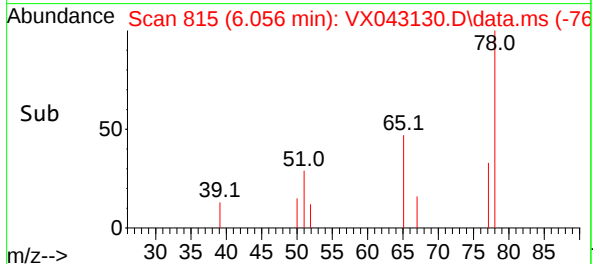
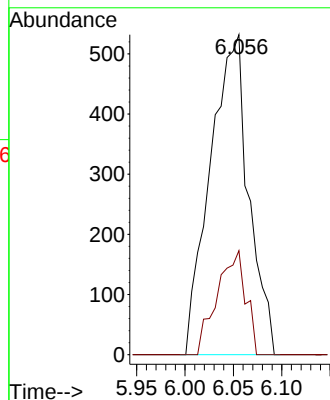
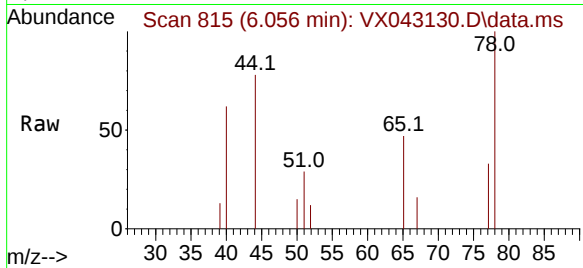
RE134D2-20240919

Tgt Ion: 78 Resp: 1474

Ion Ratio Lower Upper

78 100

77 32.5 19.3 28.9#



#44

Trichloroethene

Concen: 79.509 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX043130.D

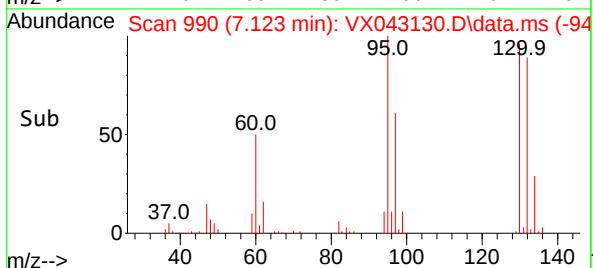
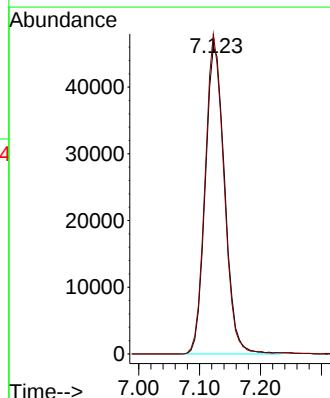
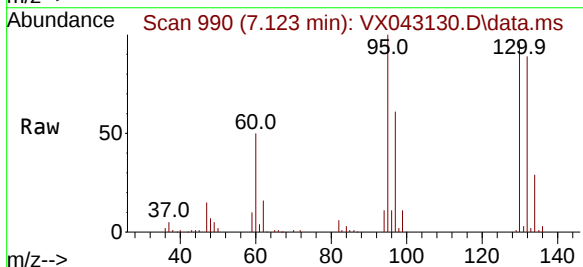
Acq: 24 Sep 2024 18:08

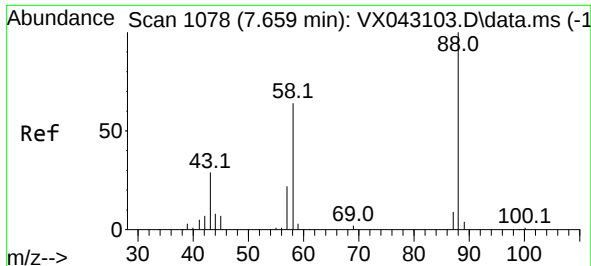
Tgt Ion:130 Resp: 102549

Ion Ratio Lower Upper

130 100

95 104.2 0.0 201.6





#49

1,4-Dioxane

Concen: 26.225 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20240919

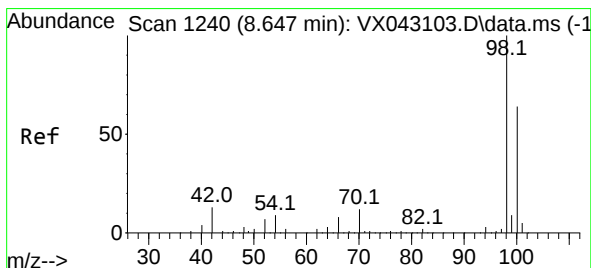
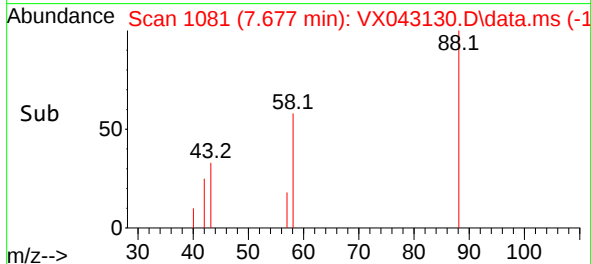
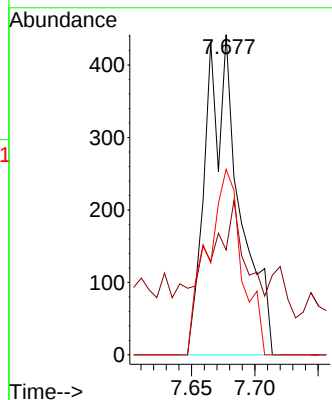
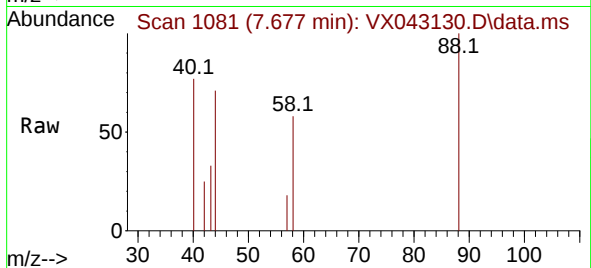
Tgt Ion: 88 Resp: 815

Ion Ratio Lower Upper

88 100

43 31.8 29.5 44.3

58 59.9 52.5 78.7



#50

Toluene-d8

Concen: 51.759 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043130.D

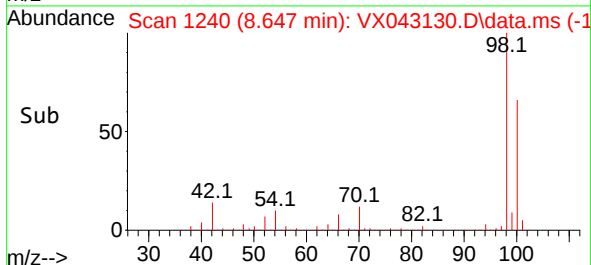
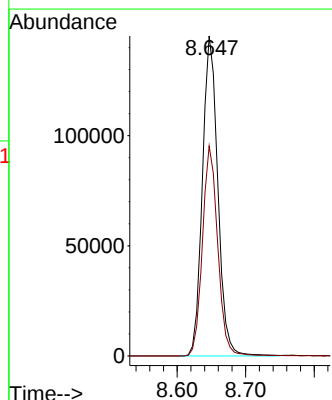
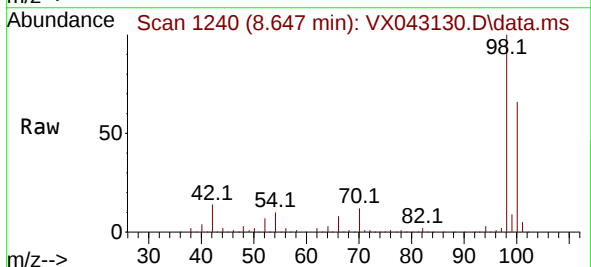
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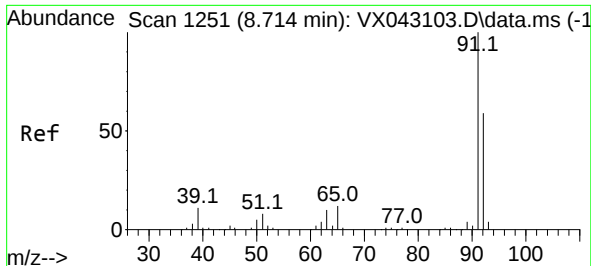
Tgt Ion: 98 Resp: 227663

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4





#52

Toluene

Concen: 0.377 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

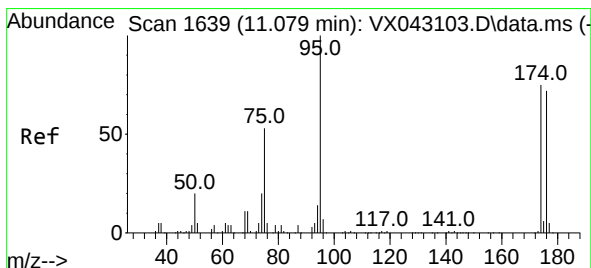
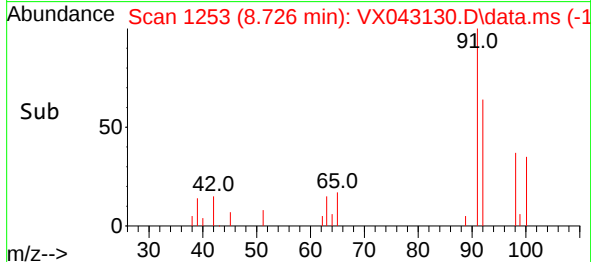
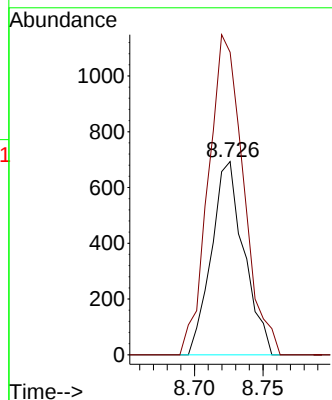
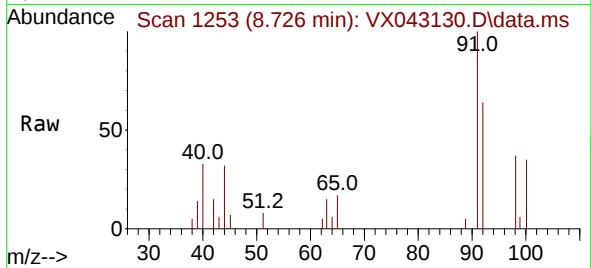
RE134D2-20240919

Tgt Ion: 92 Resp: 1144

Ion Ratio Lower Upper

92 100

91 178.5 135.9 203.9



#62

4-Bromofluorobenzene

Concen: 53.651 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

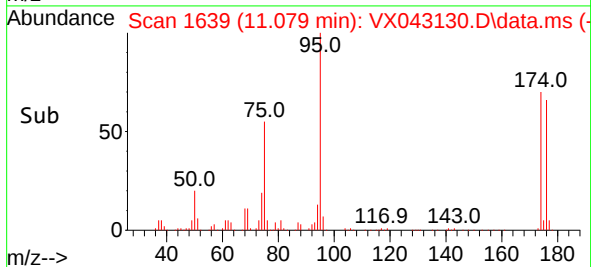
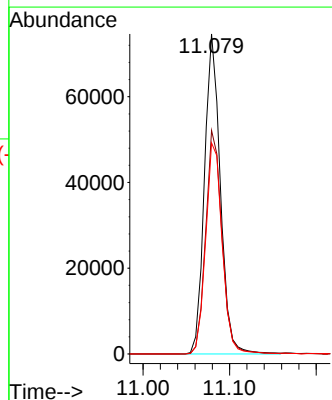
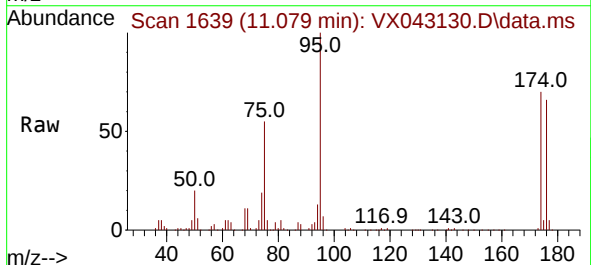
Tgt Ion: 95 Resp: 95035

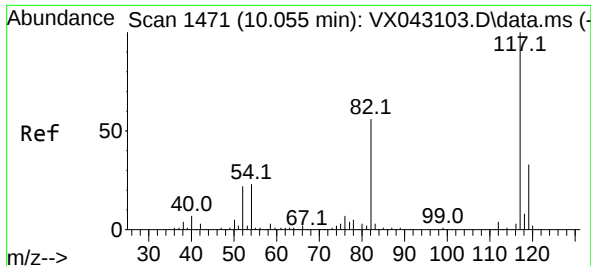
Ion Ratio Lower Upper

95 100

174 71.9 0.0 146.0

176 68.9 0.0 142.6

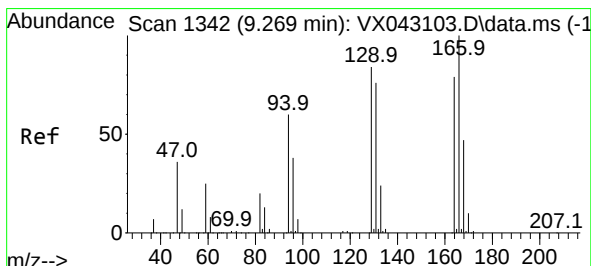
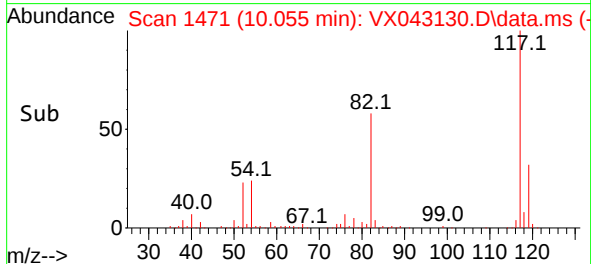
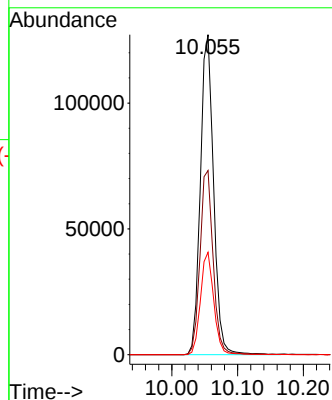
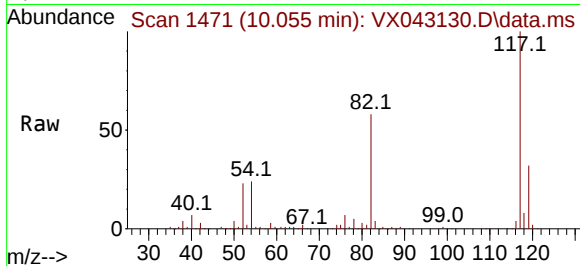




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

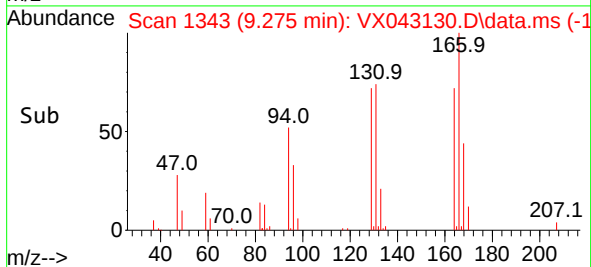
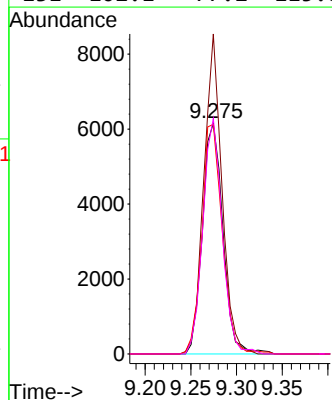
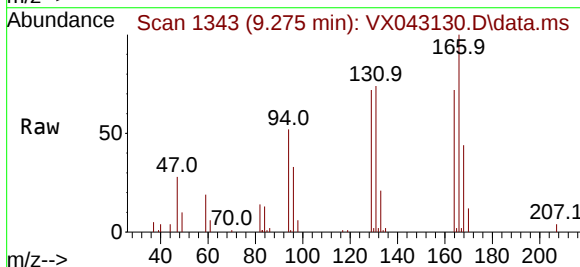
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20240919

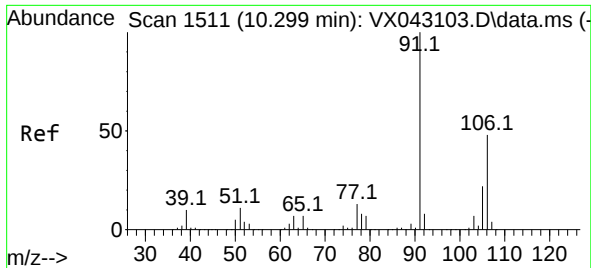
Tgt Ion:117 Resp: 177505
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 7.453 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

Tgt Ion:164 Resp: 9586
Ion Ratio Lower Upper
164 100
166 138.7 101.2 151.8
129 99.6 84.7 127.1
131 102.1 77.2 115.8

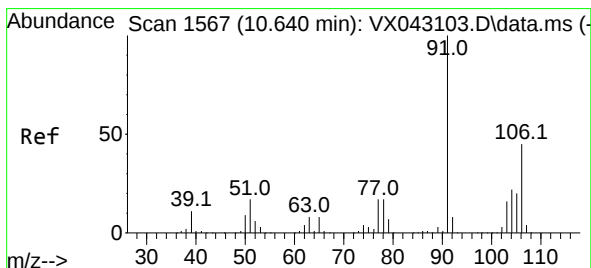
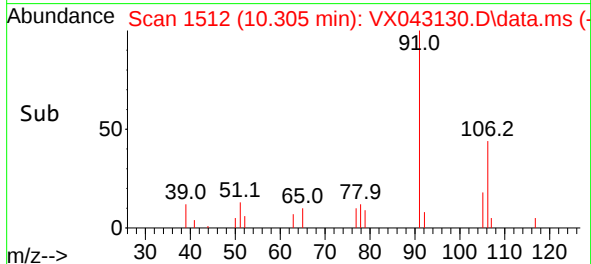
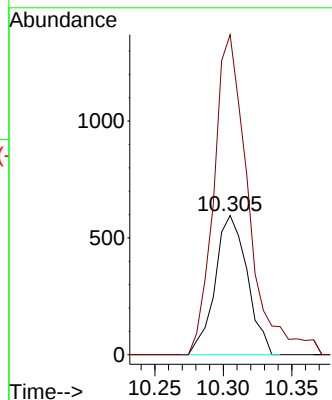
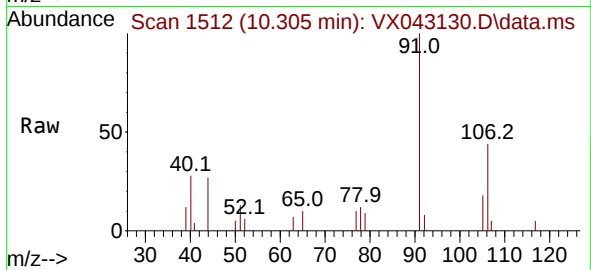




#68
m/p-Xylenes
Concen: 0.396 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

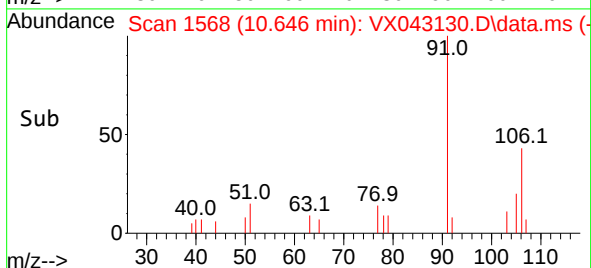
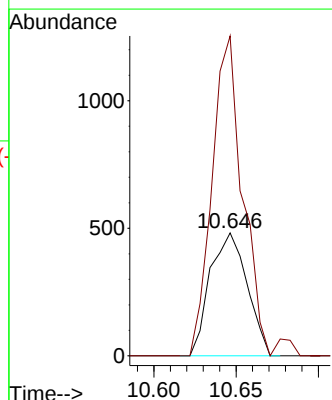
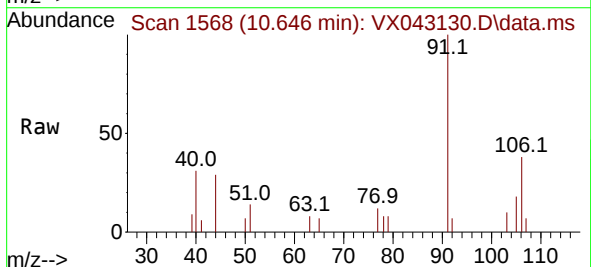
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20240919

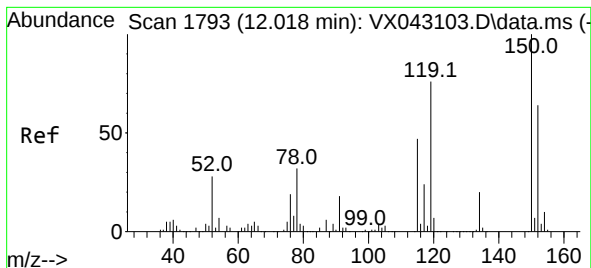
Tgt Ion:106 Resp: 975
Ion Ratio Lower Upper
106 100
91 246.6 167.5 251.3



#69
o-Xylene
Concen: 0.306 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX043130.D
Acq: 24 Sep 2024 18:08

Tgt Ion:106 Resp: 756
Ion Ratio Lower Upper
106 100
91 221.0 112.5 337.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20240919

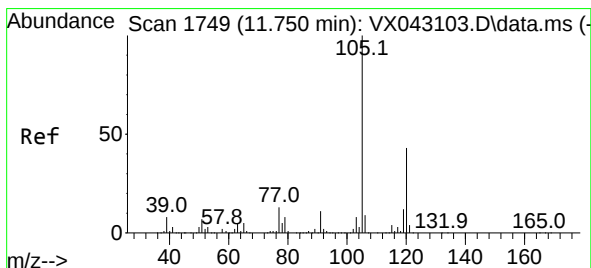
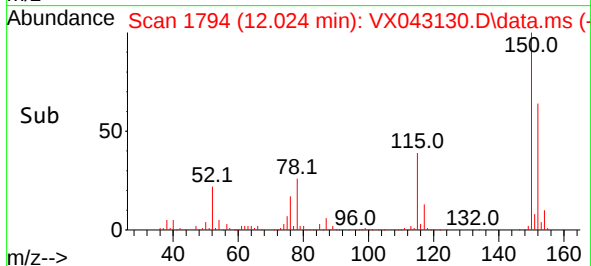
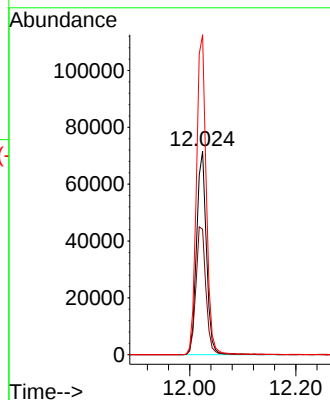
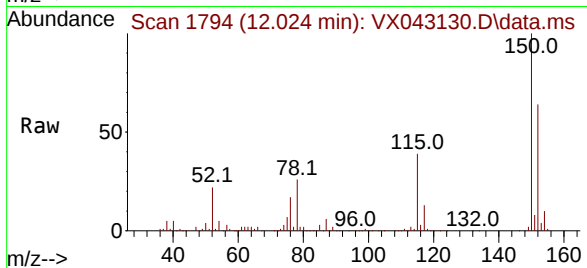
Tgt Ion:152 Resp: 91681

Ion Ratio Lower Upper

152 100

115 64.0 43.7 131.1

150 157.6 0.0 344.6



#84

1,2,4-Trimethylbenzene

Concen: 0.268 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX043130.D

Acq: 24 Sep 2024 18:08

Tgt Ion:105 Resp: 1519

Ion Ratio Lower Upper

105 100

120 39.1 21.8 65.4

