

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043129.D
 Acq On : 24 Sep 2024 17:44
 Operator : JC/MD
 Sample : P4164-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20240919

Quant Time: Sep 25 01:33:37 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)

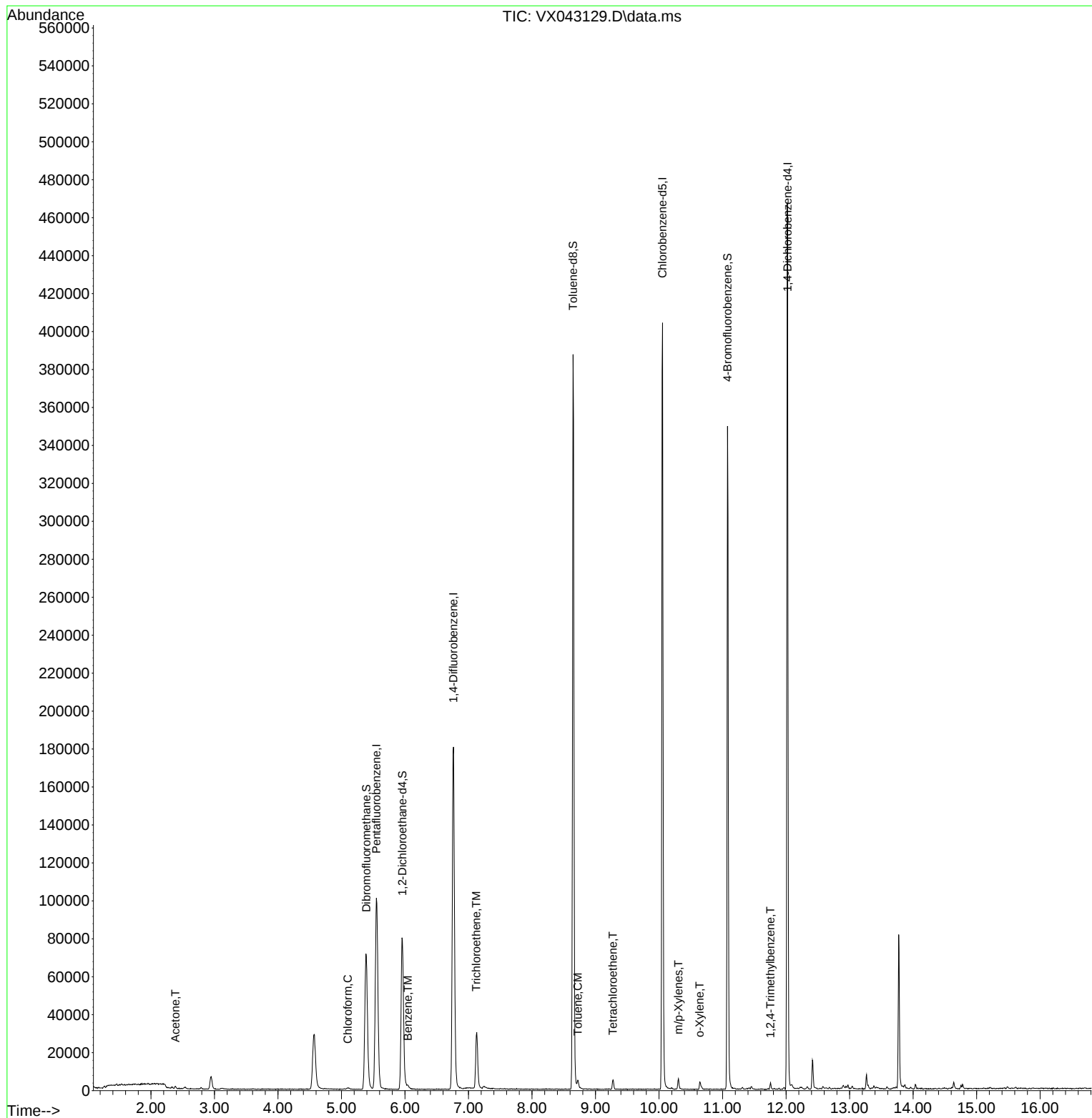
Internal Standards						
1) Pentafluorobenzene	5.550	168	92513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81271	52.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.780%	
35) Dibromofluoromethane	5.391	113	62856	48.802	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.600%	
50) Toluene-d8	8.647	98	224968	51.628	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	11.079	95	95463	54.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.800%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1273	1.771	ug/l #	88
30) Chloroform	5.098	83	971	0.447	ug/l #	72
40) Benzene	6.043	78	1787	0.383	ug/l	96
44) Trichloroethene	7.123	130	11707	9.162	ug/l	87
52) Toluene	8.720	92	1623	0.540	ug/l	98
64) Tetrachloroethene	9.275	164	930	0.717	ug/l #	80
68) m/p-Xylenes	10.305	106	1522	0.613	ug/l	92
69) o-Xylene	10.640	106	992	0.398	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1724	0.291	ug/l	92

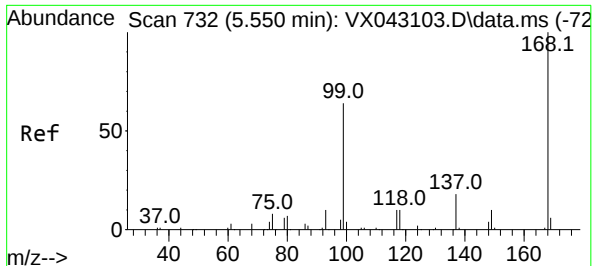
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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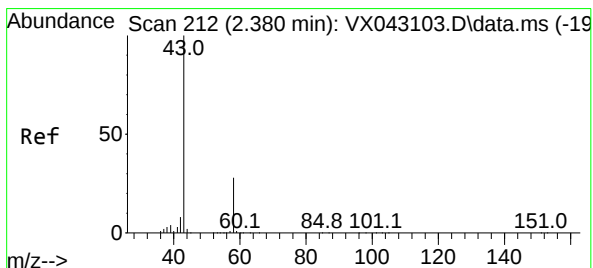
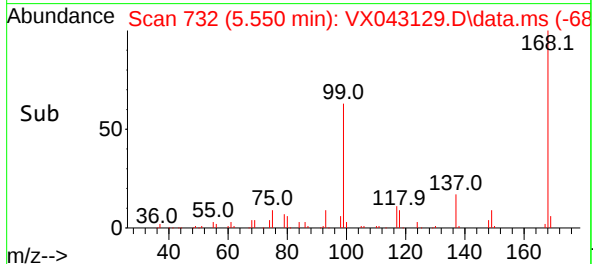
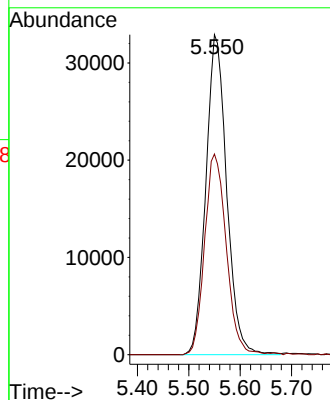
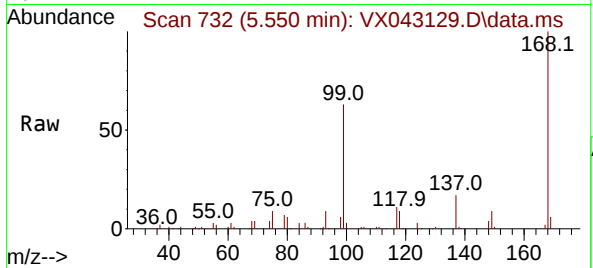




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

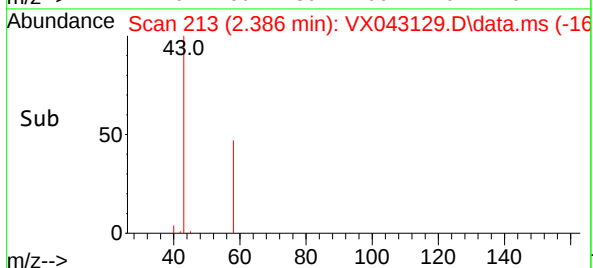
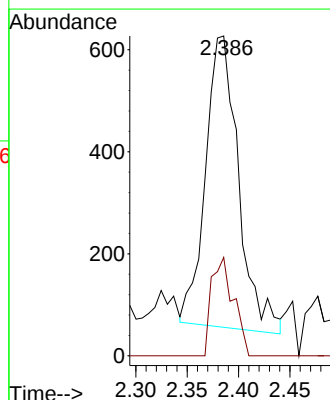
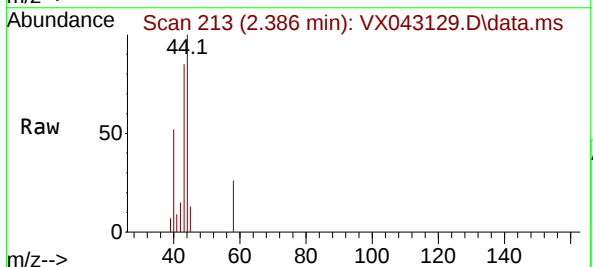
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240919

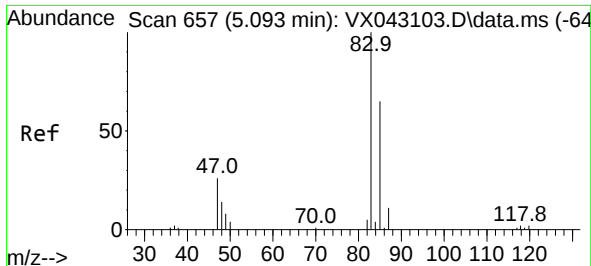
Tgt Ion:168 Resp: 92513
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#16
Acetone
Concen: 1.771 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 34.8 22.6 34.0#





#30

Chloroform

Concen: 0.447 ug/l

RT: 5.098 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX043129.D

Acq: 24 Sep 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

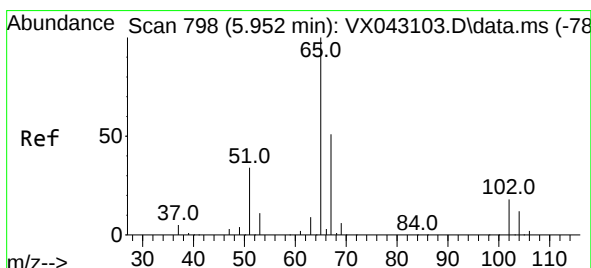
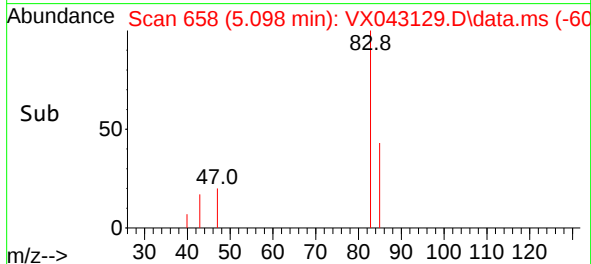
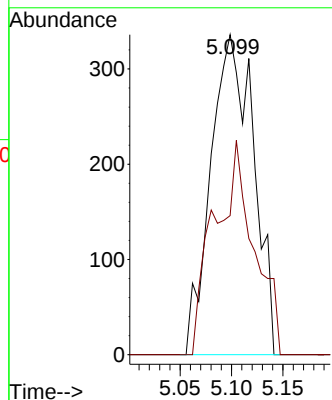
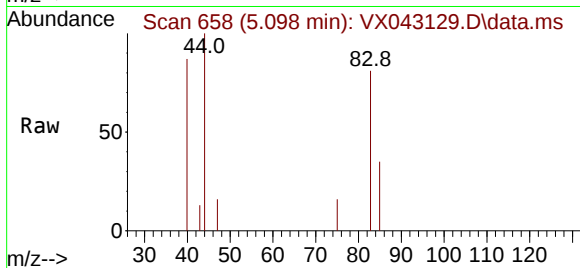
RE134D1-20240919

Tgt Ion: 83 Resp: 971

Ion Ratio Lower Upper

83 100

85 43.5 52.4 78.6#



#33

1,2-Dichloroethane-d4

Concen: 52.887 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043129.D

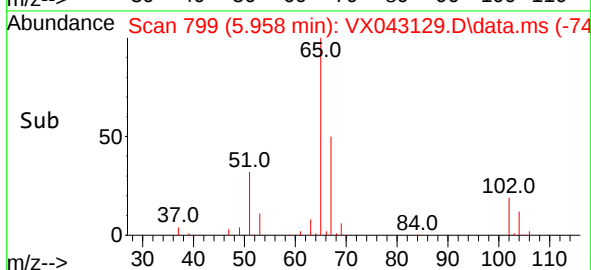
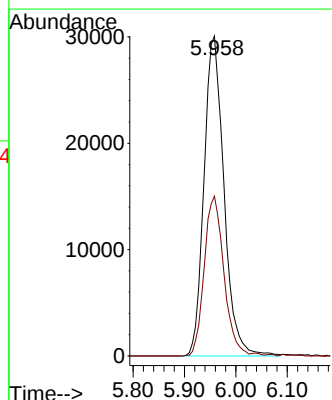
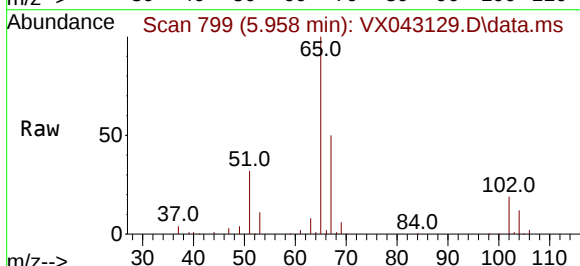
Acq: 24 Sep 2024 17:44

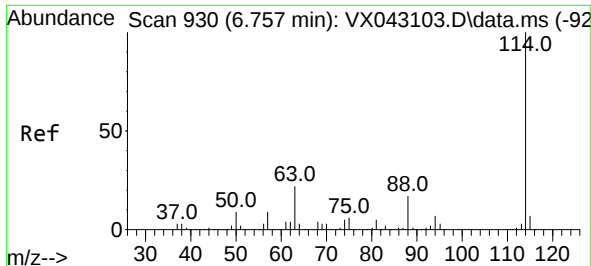
Tgt Ion: 65 Resp: 81271

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0

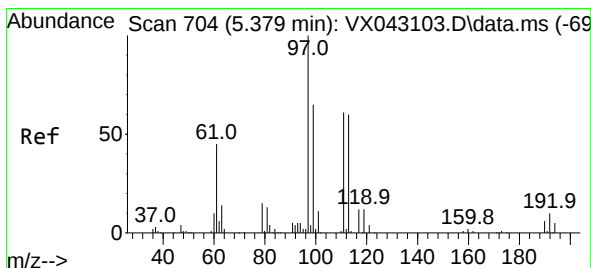
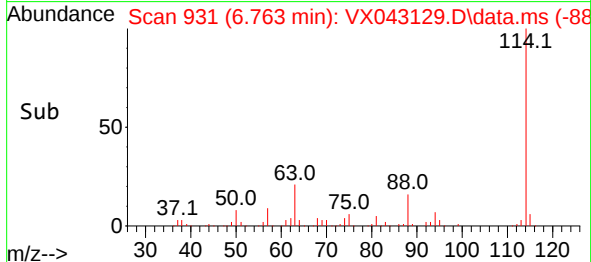
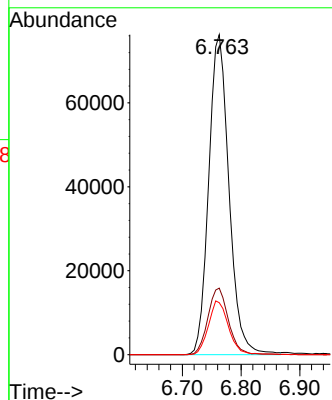
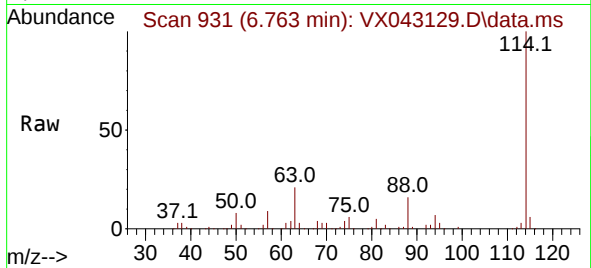




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

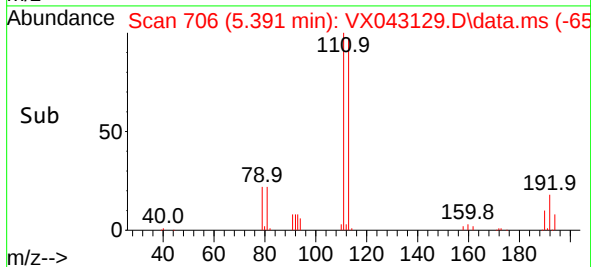
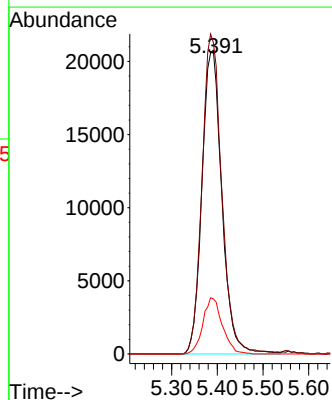
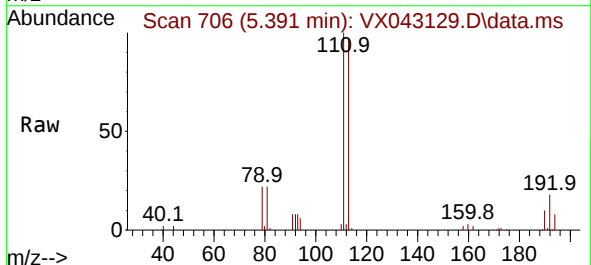
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240919

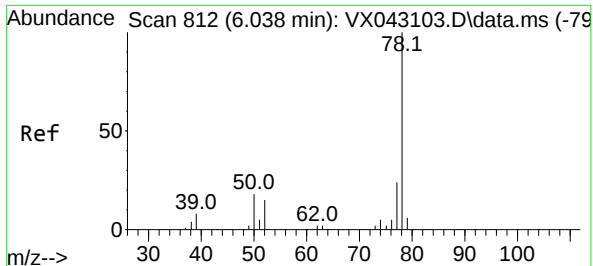
Tgt Ion:114 Resp: 182580
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.802 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion:113 Resp: 62856
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.0 14.6 22.0





#40

Benzene

Concen: 0.383 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX043129.D

Acq: 24 Sep 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

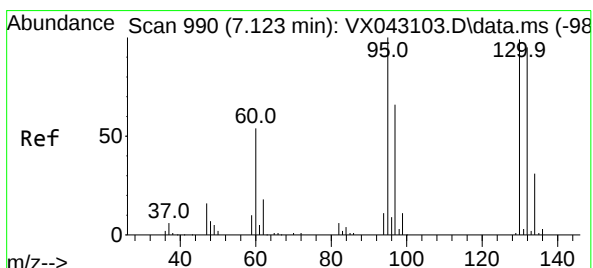
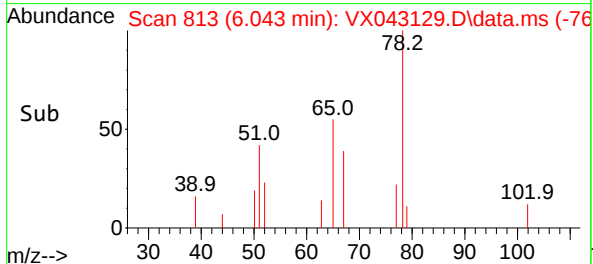
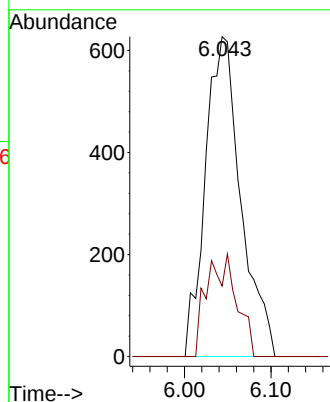
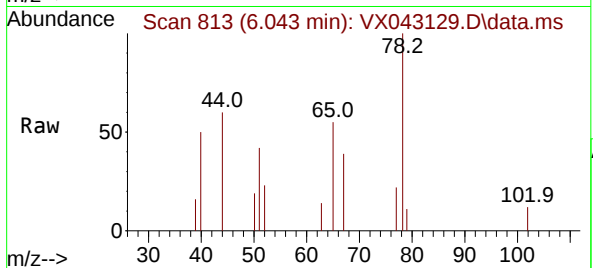
RE134D1-20240919

Tgt Ion: 78 Resp: 1787

Ion Ratio Lower Upper

78 100

77 22.0 19.3 28.9



#44

Trichloroethene

Concen: 9.162 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX043129.D

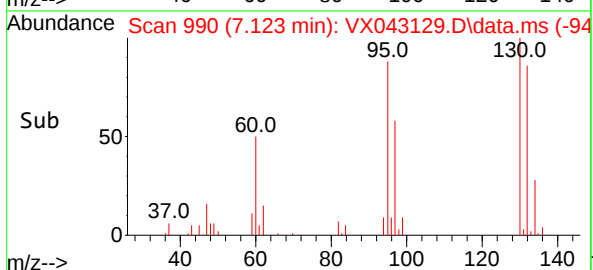
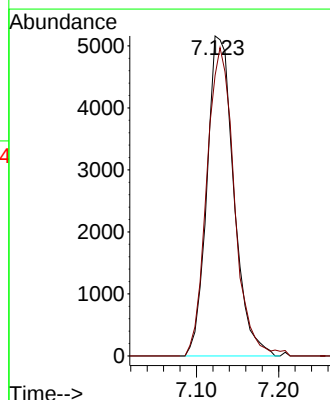
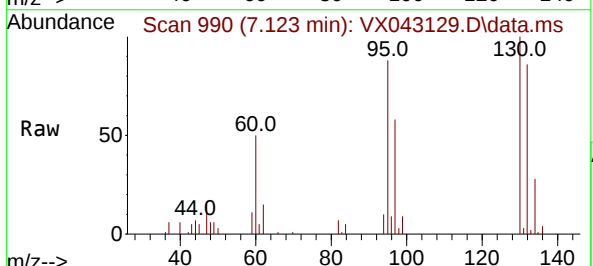
Acq: 24 Sep 2024 17:44

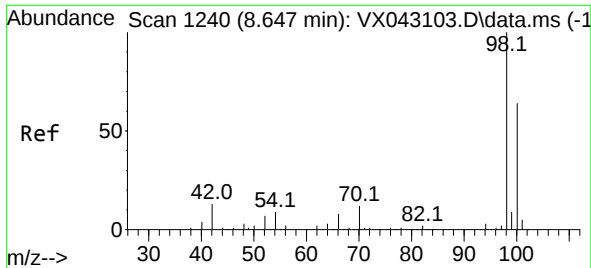
Tgt Ion:130 Resp: 11707

Ion Ratio Lower Upper

130 100

95 87.6 0.0 201.6

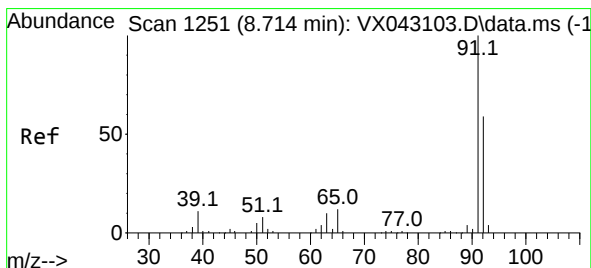
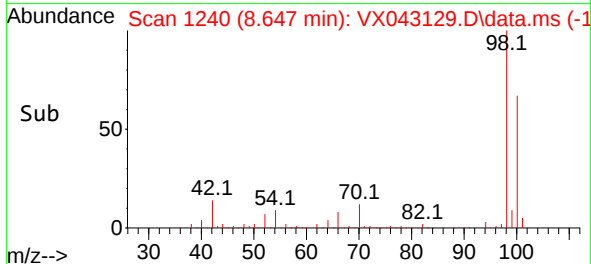
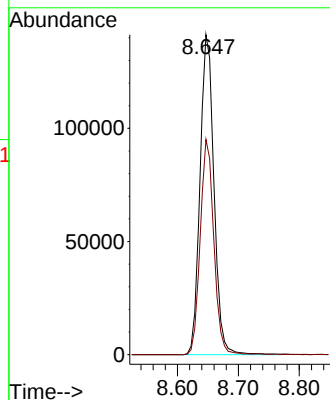
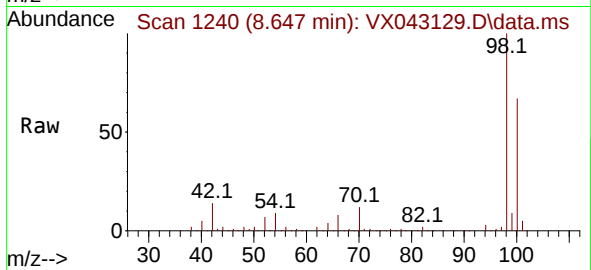




#50
Toluene-d8
Concen: 51.628 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

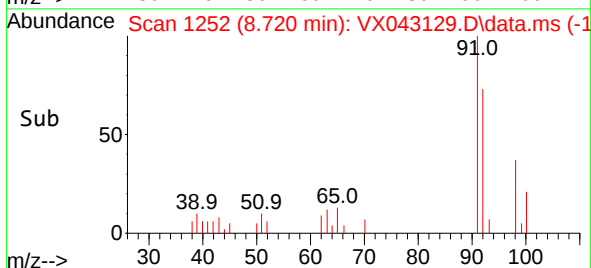
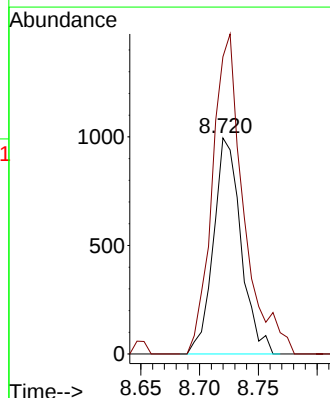
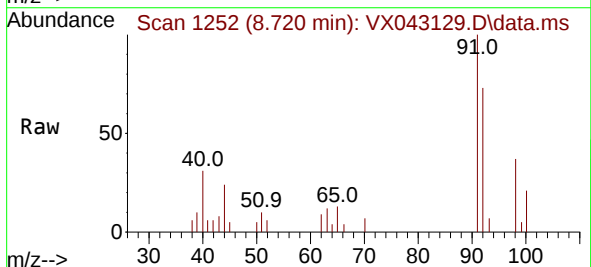
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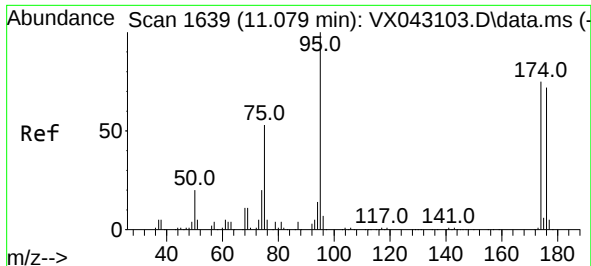
Tgt Ion: 98 Resp: 224968
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#52
Toluene
Concen: 0.540 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion: 92 Resp: 1623
Ion Ratio Lower Upper
92 100
91 167.8 135.9 203.9

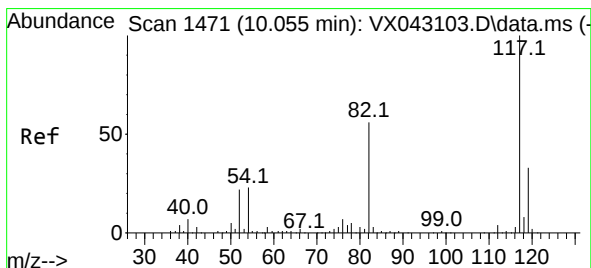
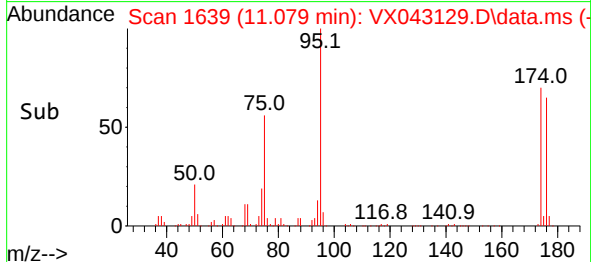
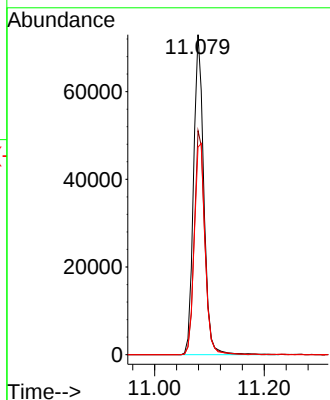
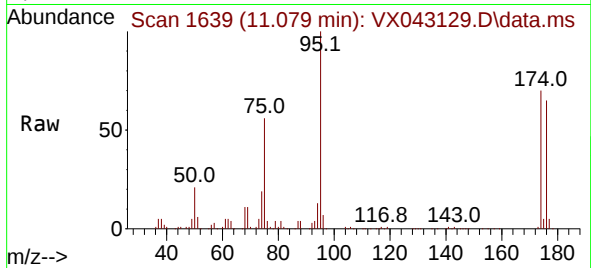




#62
4-Bromofluorobenzene
Concen: 54.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

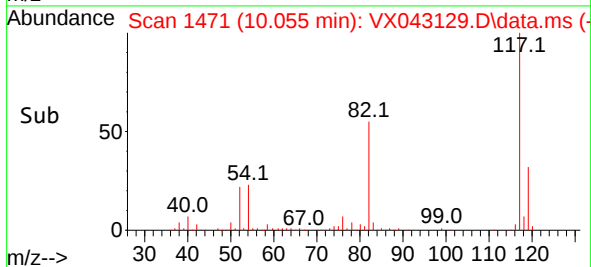
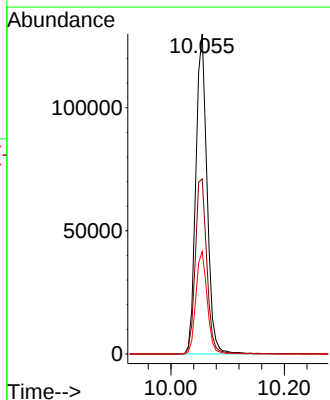
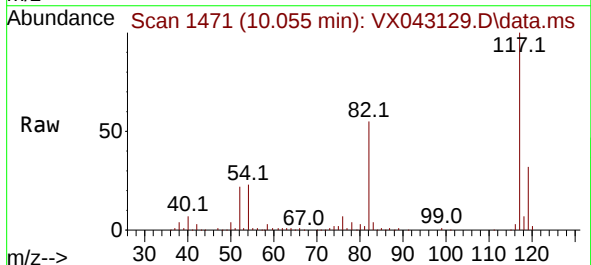
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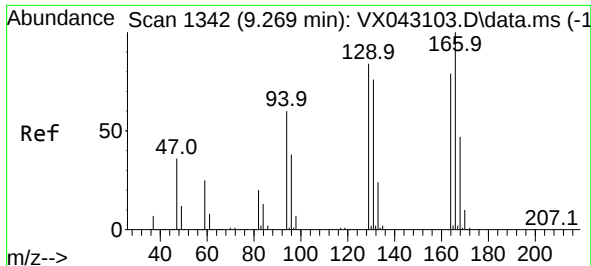
Tgt Ion: 95 Resp: 95463
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.0
176 70.0 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion: 117 Resp: 178912
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 32.0 26.3 39.5

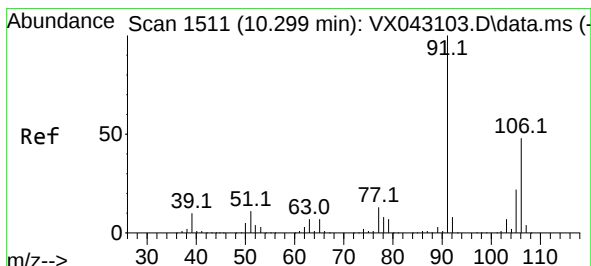
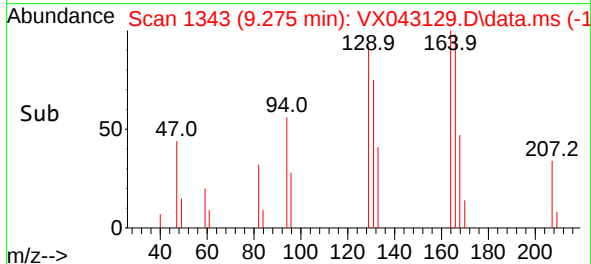
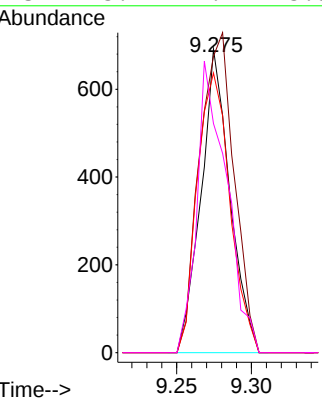
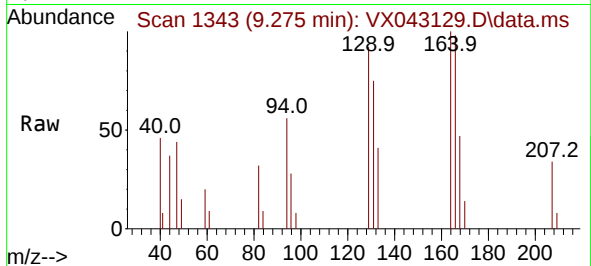




#64
Tetrachloroethene
Concen: 0.717 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

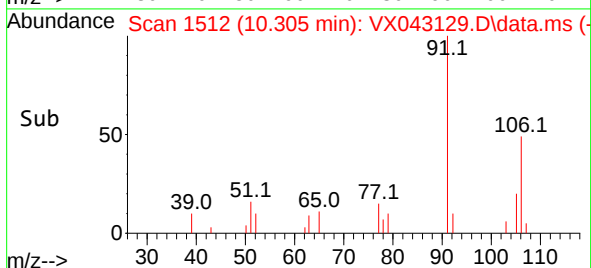
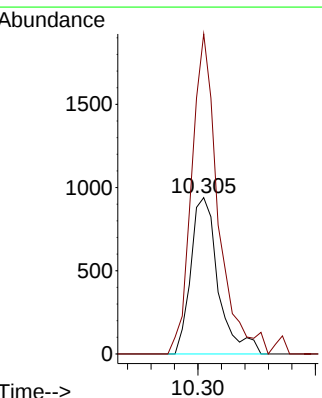
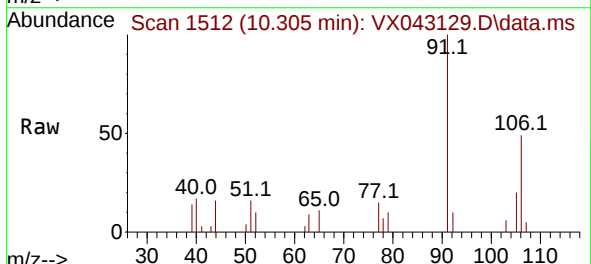
Instrument :
MSVOA_X
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RE134D1-20240919

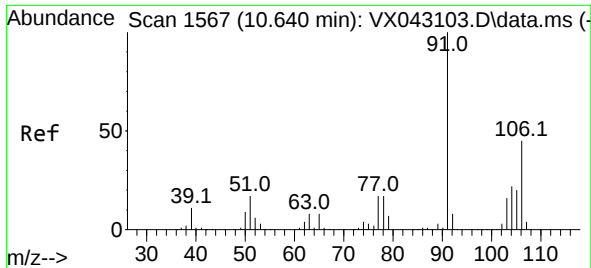
Tgt Ion:164 Resp: 930
Ion Ratio Lower Upper
164 100
166 97.5 101.2 151.8#
129 92.1 84.7 127.1
131 75.4 77.2 115.8#



#68
m/p-Xylenes
Concen: 0.613 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion:106 Resp: 1522
Ion Ratio Lower Upper
106 100
91 197.6 167.5 251.3

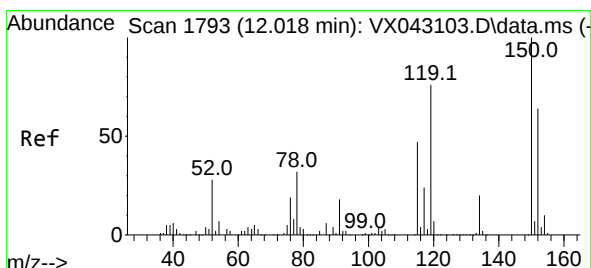
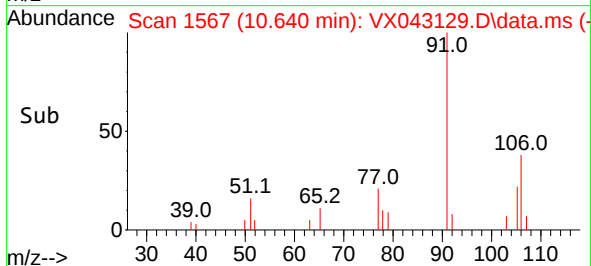
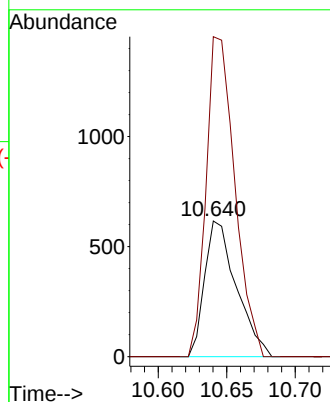
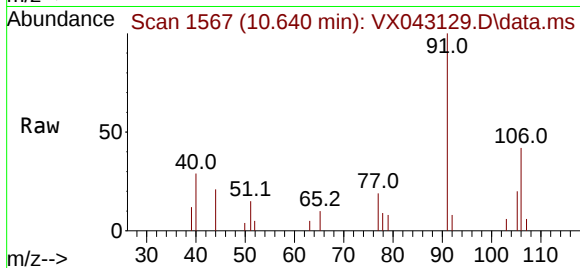




#69
o-Xylene
Concen: 0.398 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

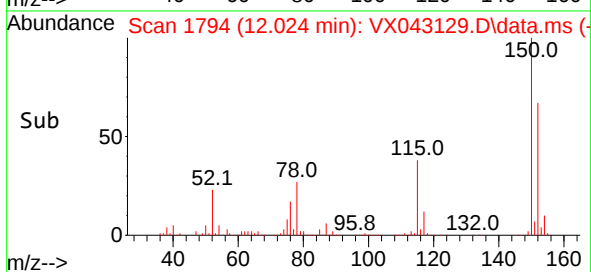
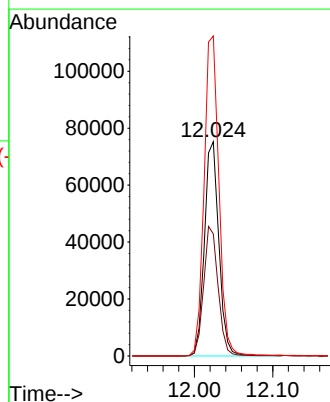
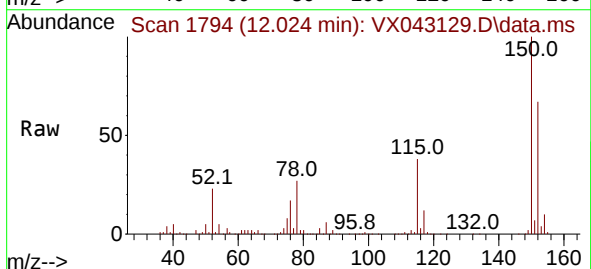
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240919

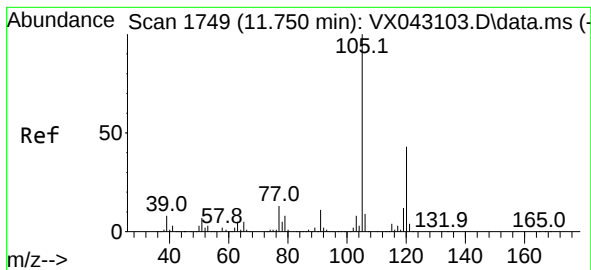
Tgt Ion:106 Resp: 992
Ion Ratio Lower Upper
106 100
91 213.8 112.5 337.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043129.D
Acq: 24 Sep 2024 17:44

Tgt Ion:152 Resp: 96078
Ion Ratio Lower Upper
152 100
115 60.7 43.7 131.1
150 153.5 0.0 344.6





#84

1,2,4-Trimethylbenzene

Concen: 0.291 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043129.D

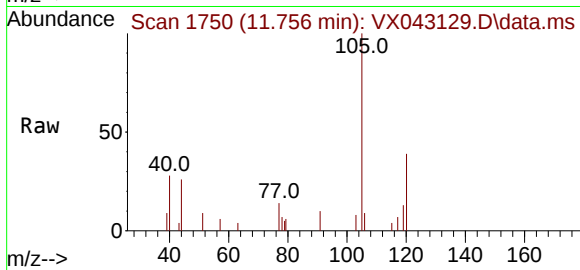
Acq: 24 Sep 2024 17:44

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20240919



Tgt Ion:105 Resp: 1724

Ion Ratio Lower Upper

105 100

120 38.7 21.8 65.4

