

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045827.D
 Acq On : 17 Apr 2025 14:46
 Operator : JC/MD
 Sample : Q1818-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 3828

Quant Time: Apr 18 03:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

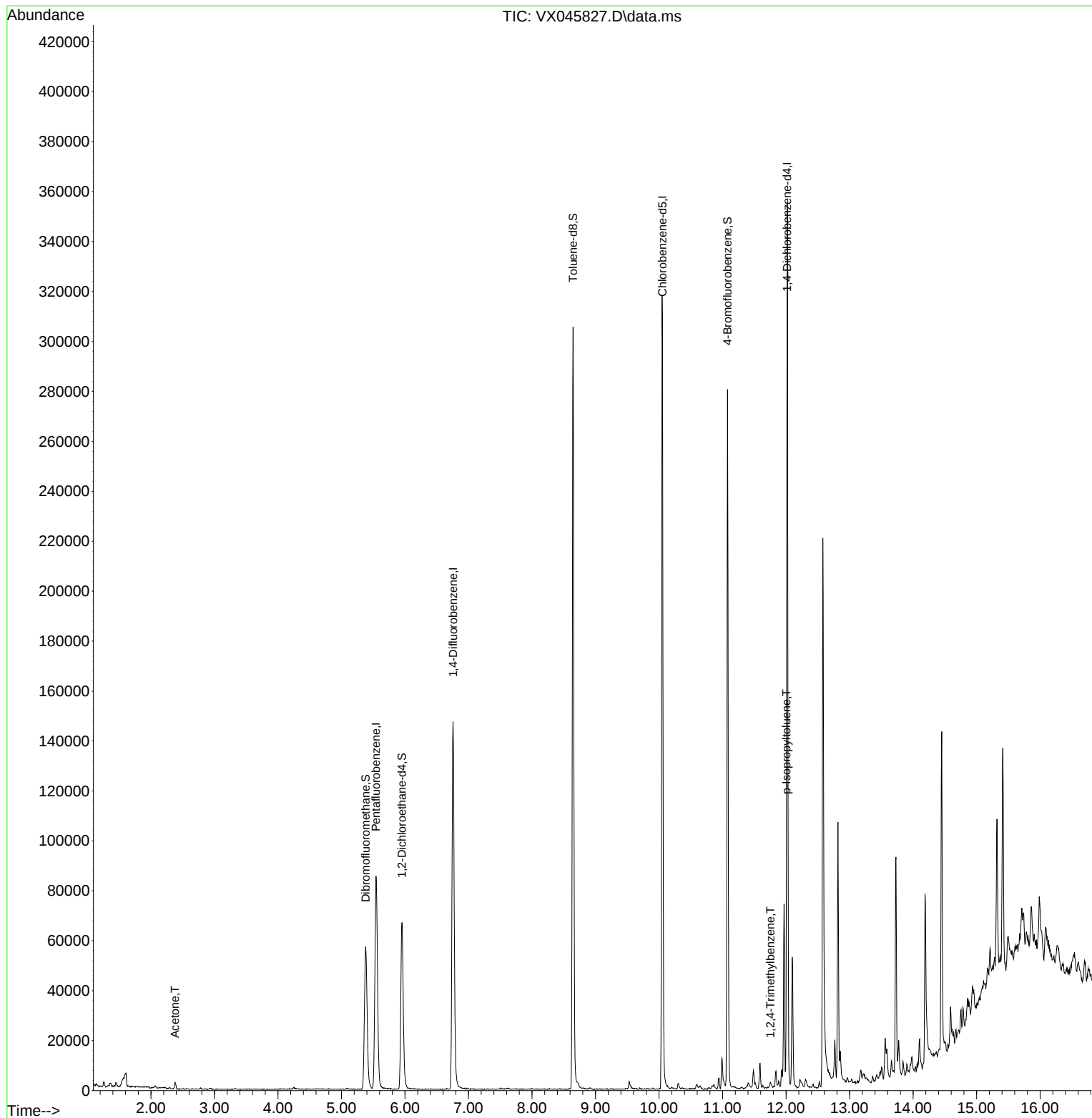
Internal Standards						
1) Pentafluorobenzene	5.544	168	73168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68993	51.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.120%	
35) Dibromofluoromethane	5.379	113	50169	49.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.260%	
50) Toluene-d8	8.647	98	178251	50.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	71053	55.290	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2628	4.783	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1254	0.304	ug/l	88
86) p-Isopropyltoluene	12.006	119	5295	1.285	ug/l #	84

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

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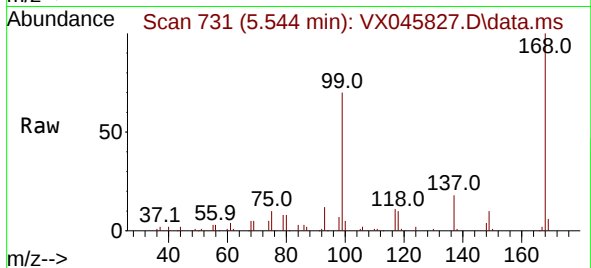
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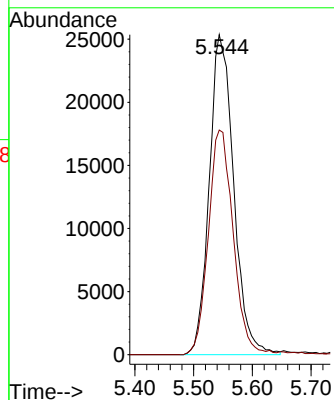
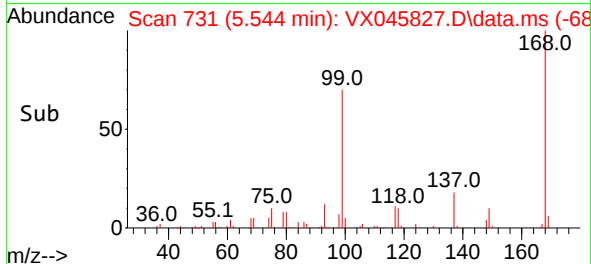


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
3828

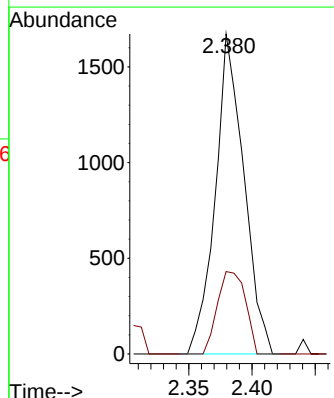
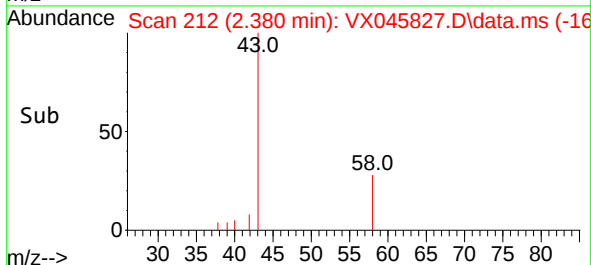
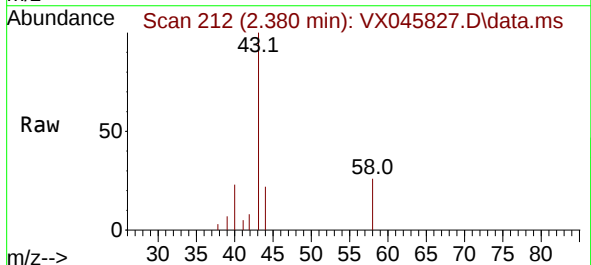


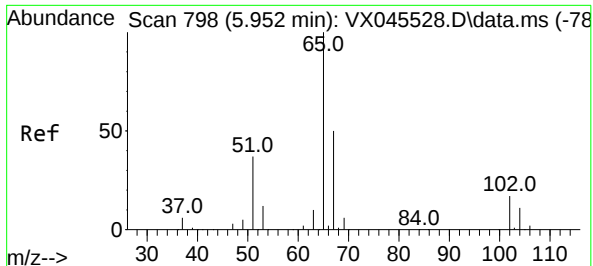
Tgt Ion:168 Resp: 73168
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#16
Acetone
Concen: 4.783 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 51.562 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045827.D

Acq: 17 Apr 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

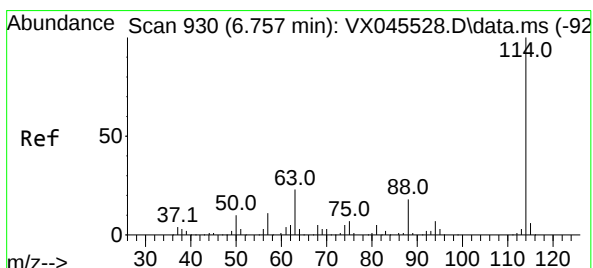
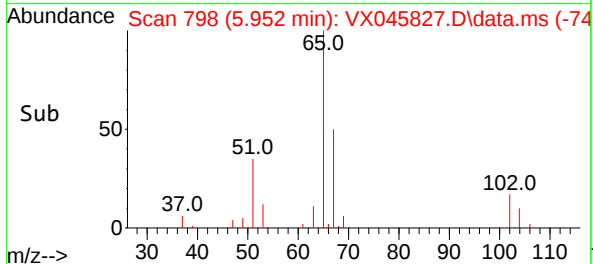
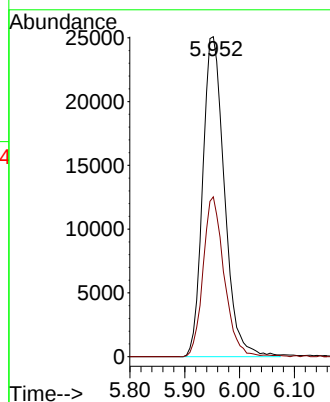
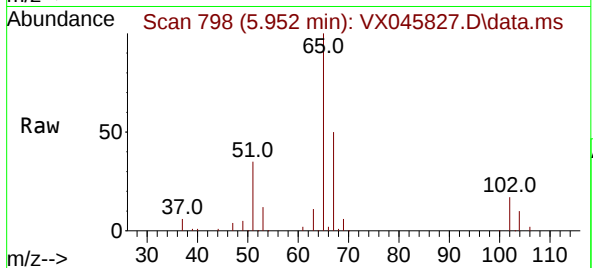
3828

Tgt Ion: 65 Resp: 68993

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045827.D

Acq: 17 Apr 2025 14:46

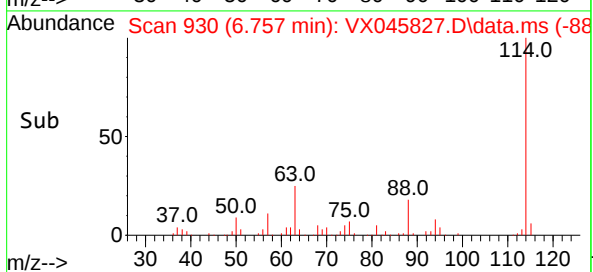
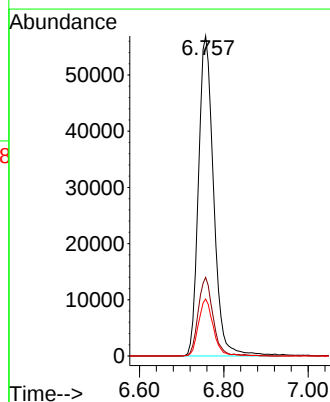
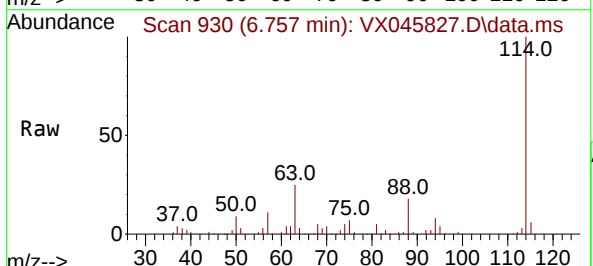
Tgt Ion: 114 Resp: 142465

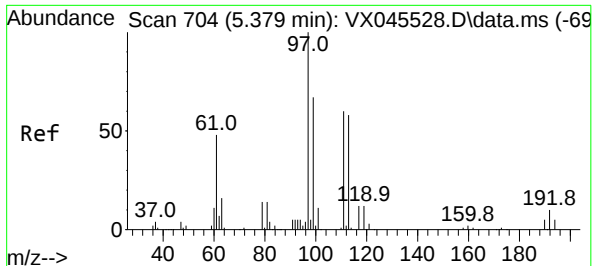
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045827.D

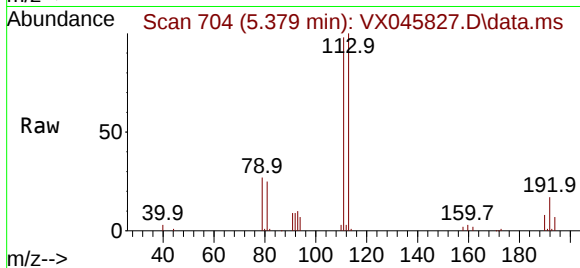
Acq: 17 Apr 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

3828



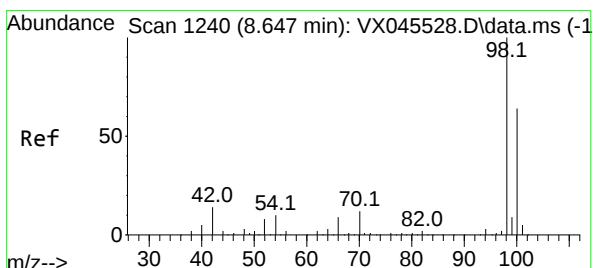
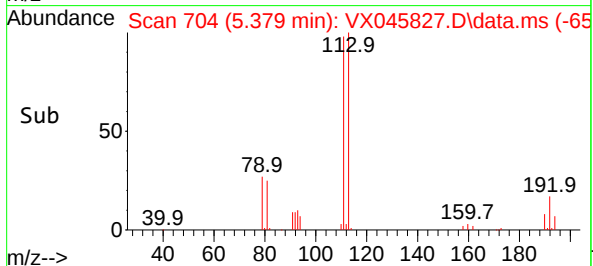
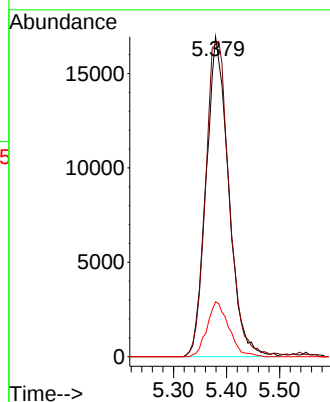
Tgt Ion:113 Resp: 50169

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.5 13.8 20.6



#50

Toluene-d8

Concen: 50.524 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045827.D

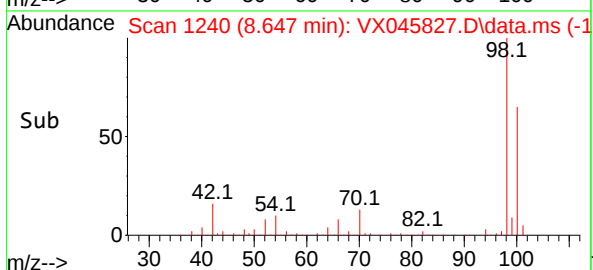
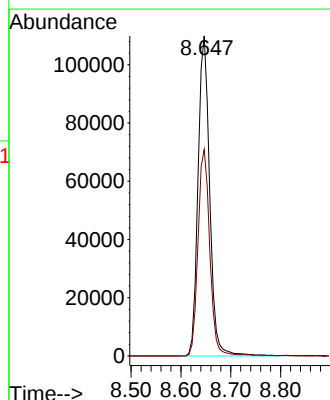
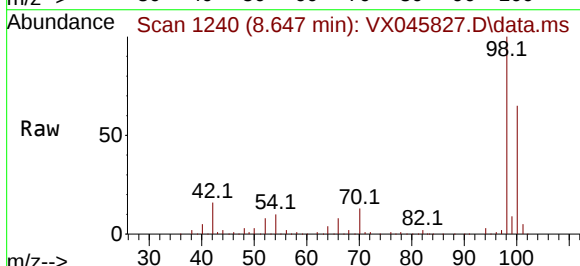
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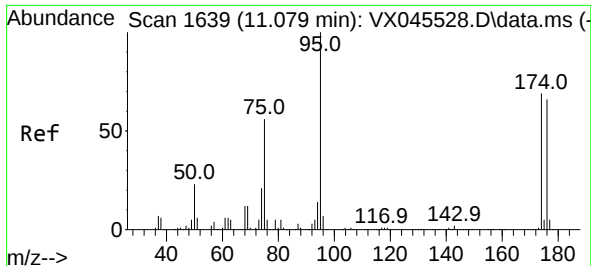
Tgt Ion: 98 Resp: 178251

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

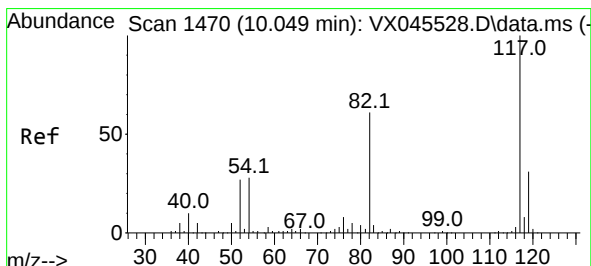
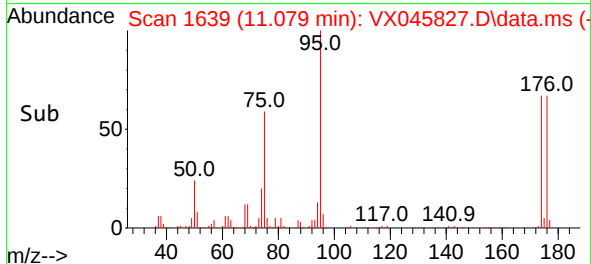
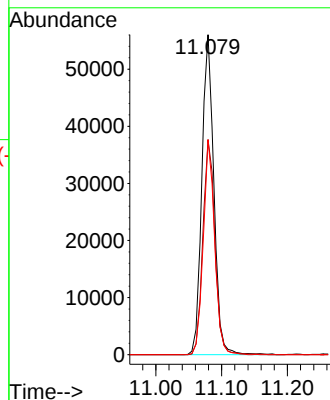
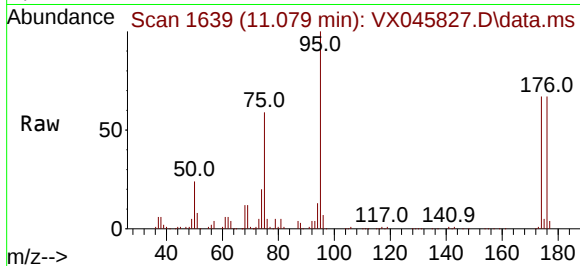




#62
4-Bromofluorobenzene
Concen: 55.290 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

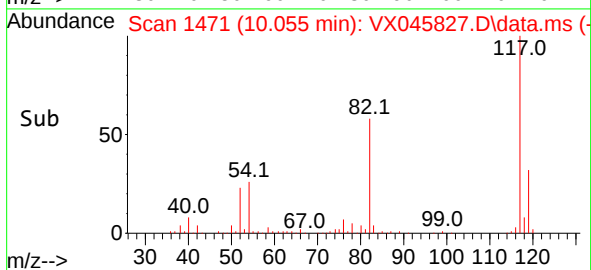
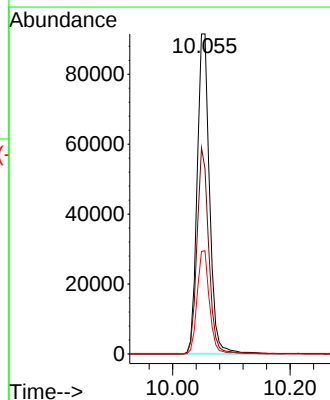
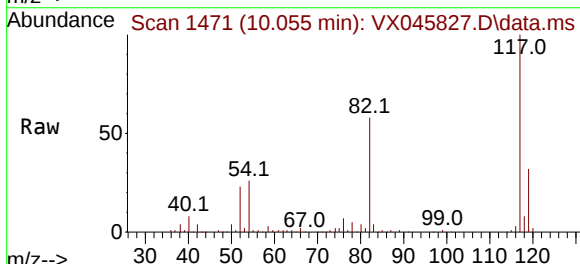
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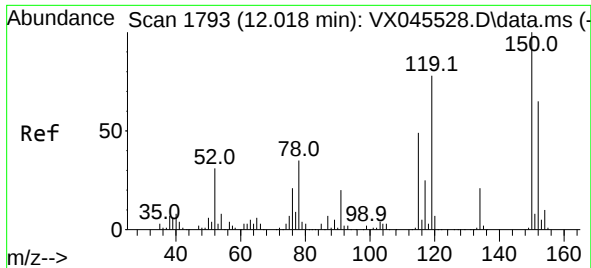
Tgt Ion: 95 Resp: 71053
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 117 Resp: 133976
Ion Ratio Lower Upper
117 100
82 57.9 49.2 73.8
119 32.3 25.1 37.7

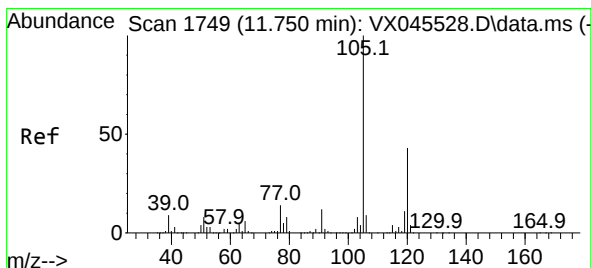
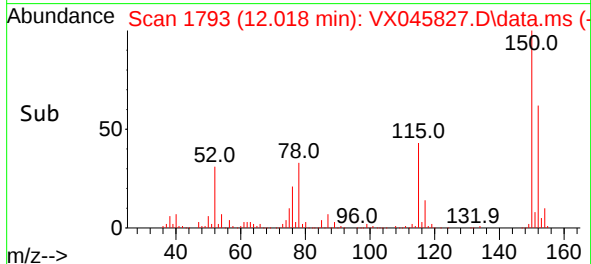
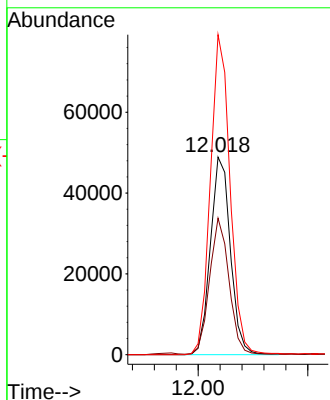
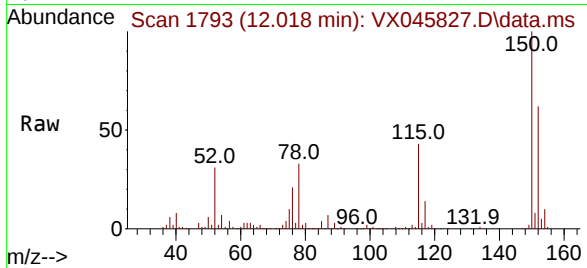




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045827.D
 Acq: 17 Apr 2025 14:46

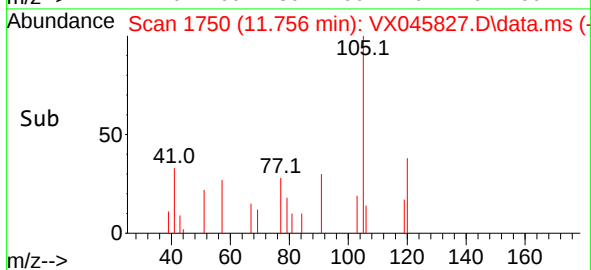
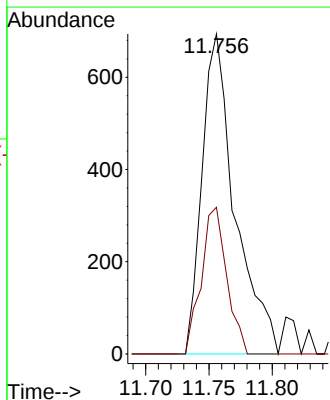
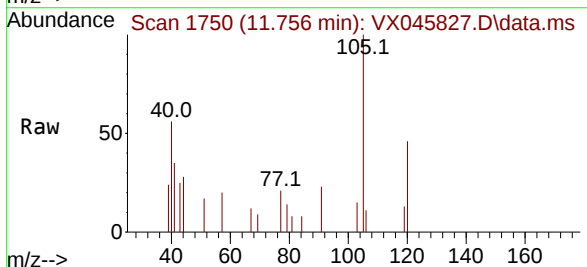
Instrument :
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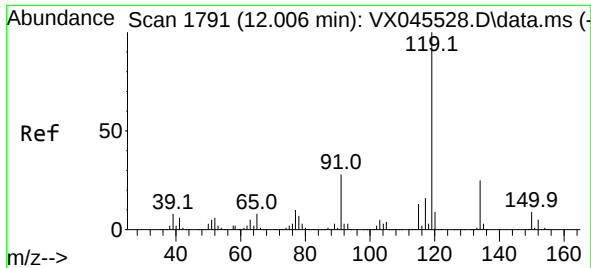
Tgt Ion:152 Resp: 62058
 Ion Ratio Lower Upper
 152 100
 115 66.6 46.9 140.7
 150 159.3 0.0 349.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.304 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX045827.D
 Acq: 17 Apr 2025 14:46

Tgt Ion:105 Resp: 1254
 Ion Ratio Lower Upper
 105 100
 120 35.4 21.4 64.3





#86
 p-Isopropyltoluene
 Concen: 1.285 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045827.D
 Acq: 17 Apr 2025 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.6	37.8
91	42.6	13.7	41.1#

