

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045444.D
 Acq On : 25 Mar 2025 16:46
 Operator : JC/MD
 Sample : Q1629-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB03-20250321

Quant Time: Mar 26 01:41:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

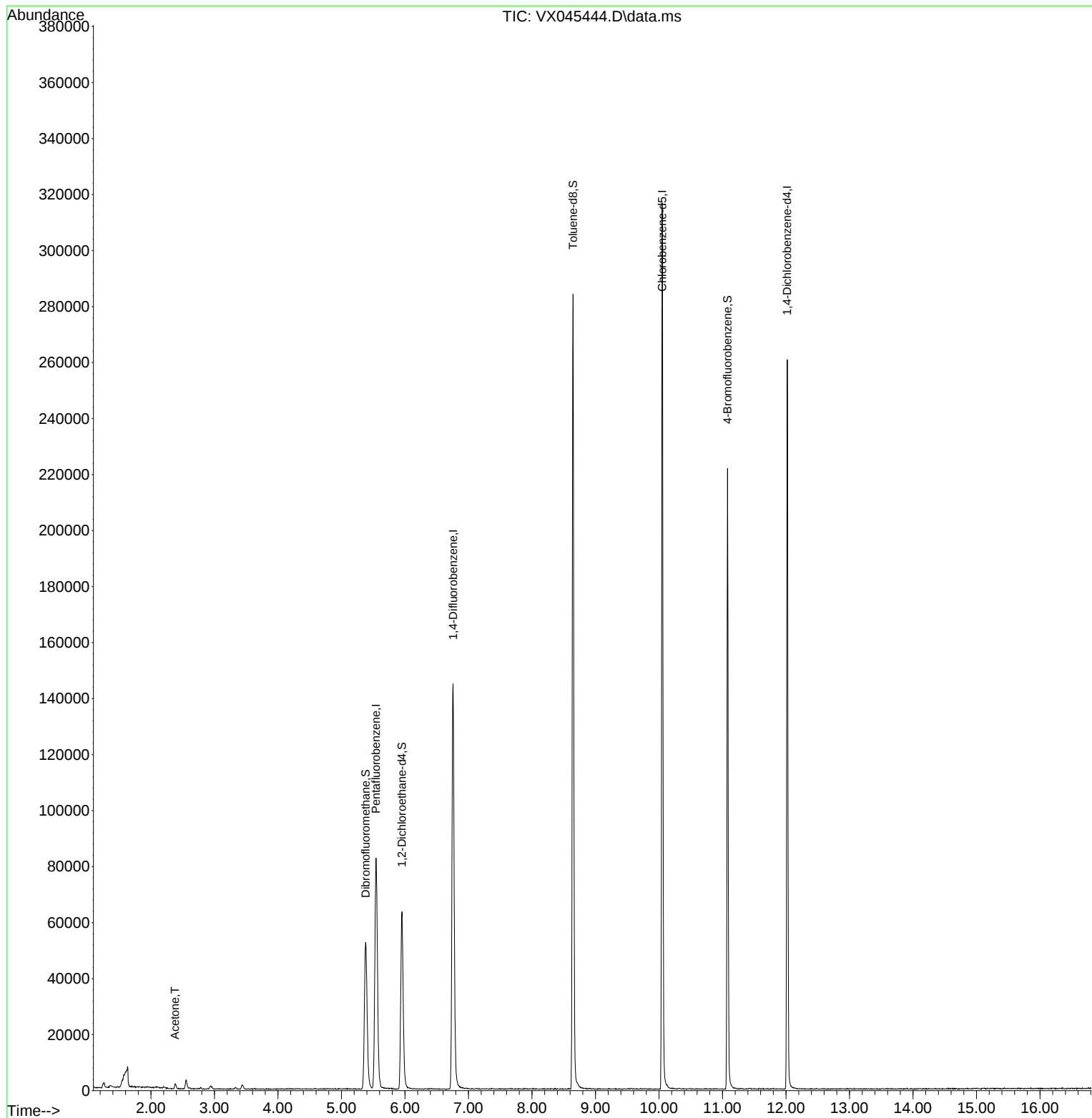
Internal Standards						
1) Pentafluorobenzene	5.544	168	71073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62649	55.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.840%
35) Dibromofluoromethane	5.379	113	46667	49.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.647	98	163786	47.887	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	56202	49.588	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.180%
Target Compounds						
16) Acetone	2.380	43	2084	3.973	ug/l	Qvalue 98

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

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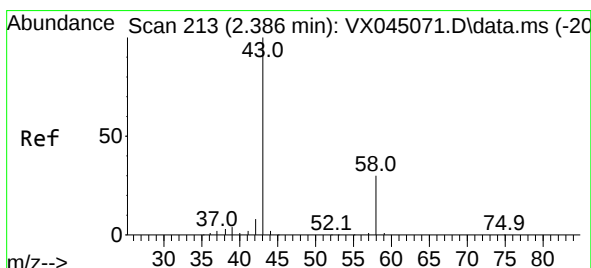
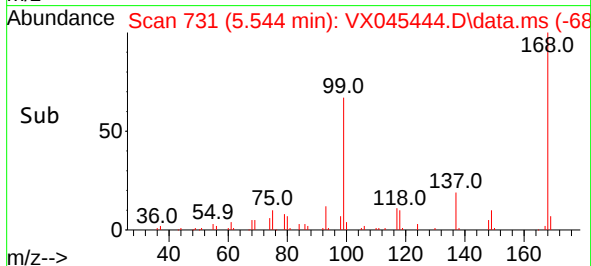
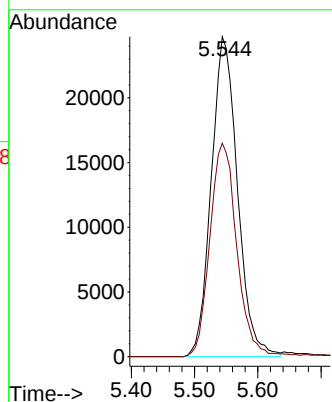
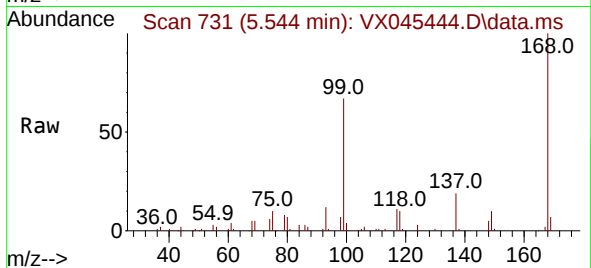




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

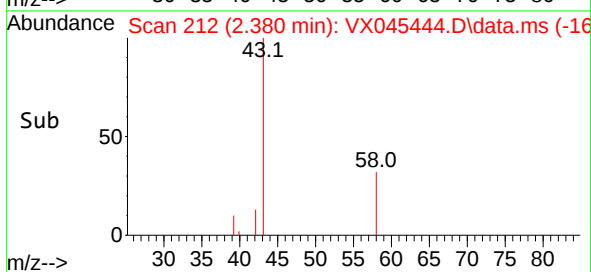
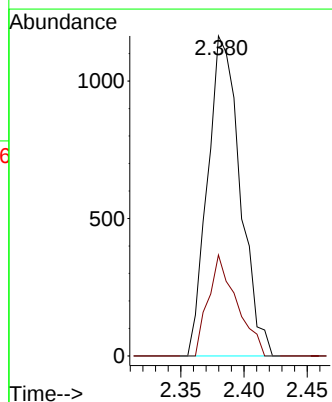
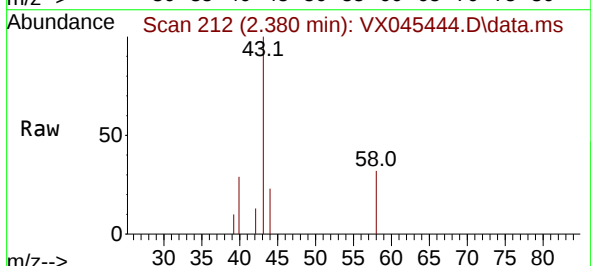
Instrument :
MSVOA_X
ClientSampleId :
FB03-20250321

Tgt Ion:168 Resp: 71073
Ion Ratio Lower Upper
168 100
99 66.7 48.2 72.4



#16
Acetone
Concen: 3.973 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 55.416 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045444.D

Acq: 25 Mar 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

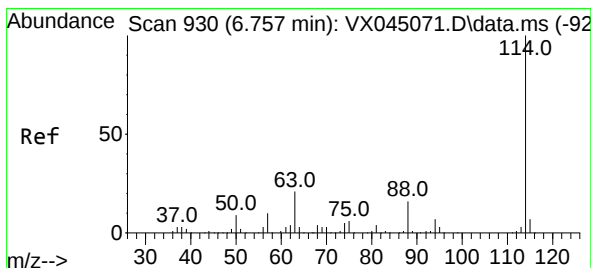
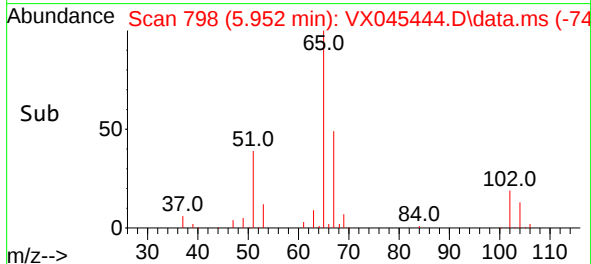
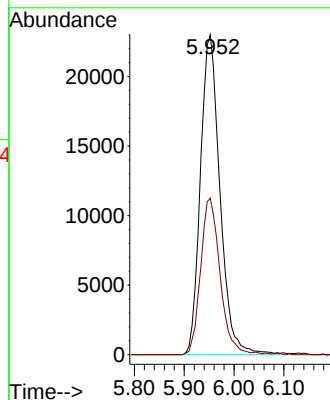
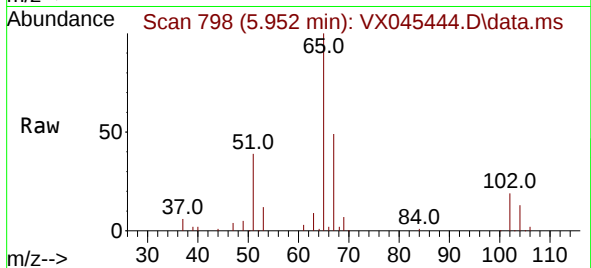
FB03-20250321

Tgt Ion: 65 Resp: 62649

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045444.D

Acq: 25 Mar 2025 16:46

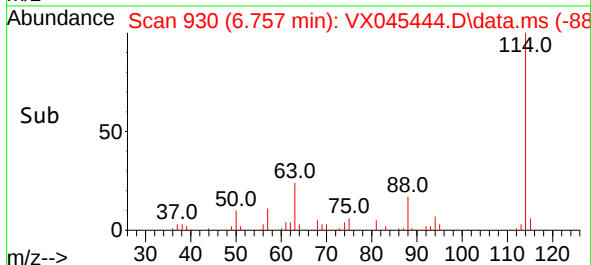
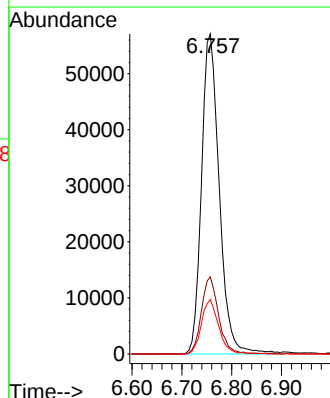
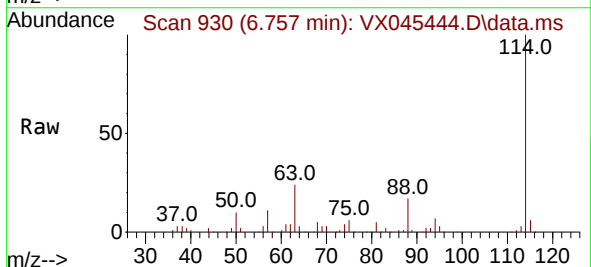
Tgt Ion: 114 Resp: 141090

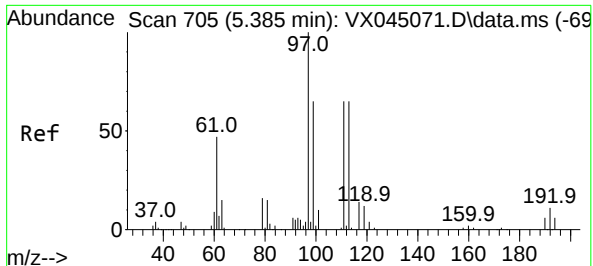
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.465 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045444.D

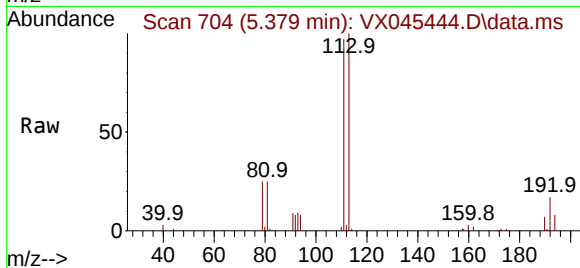
Acq: 25 Mar 2025 16:46

Instrument :

MSVOA_X

ClientSampleId :

FB03-20250321



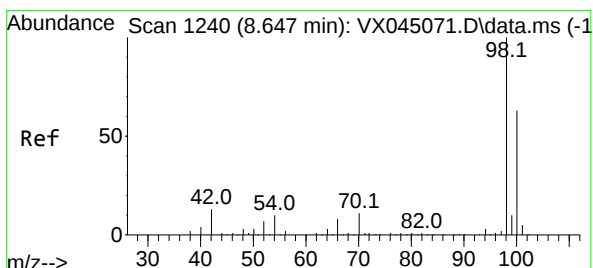
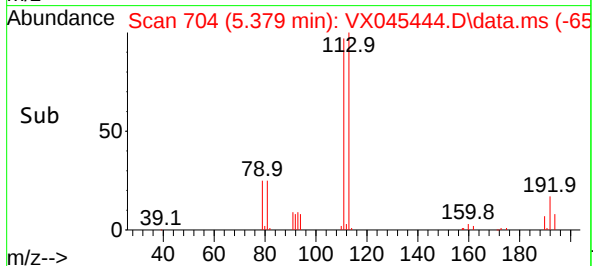
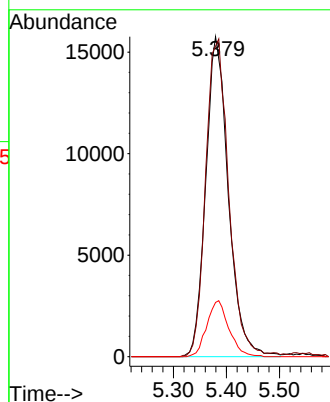
Tgt Ion:113 Resp: 46667

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

192 17.1 14.3 21.5



#50

Toluene-d8

Concen: 47.887 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045444.D

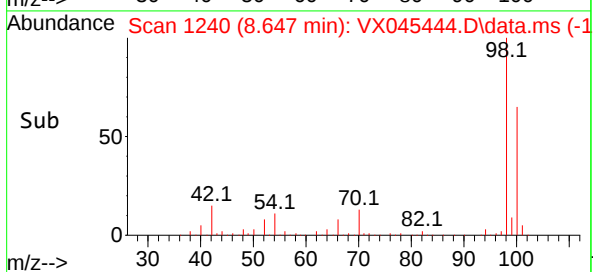
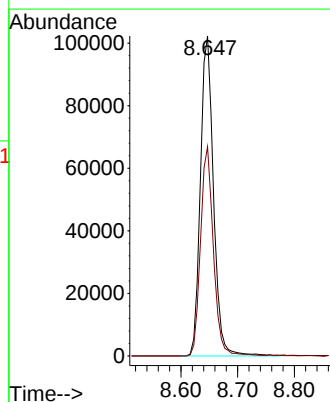
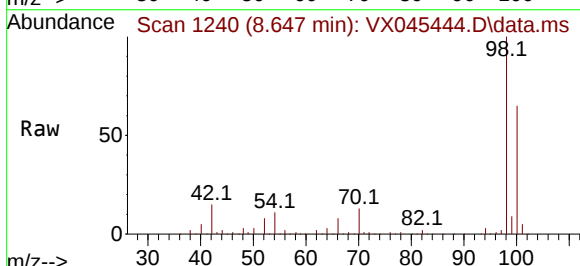
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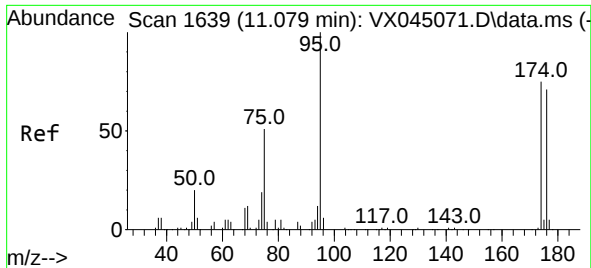
Tgt Ion: 98 Resp: 163786

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

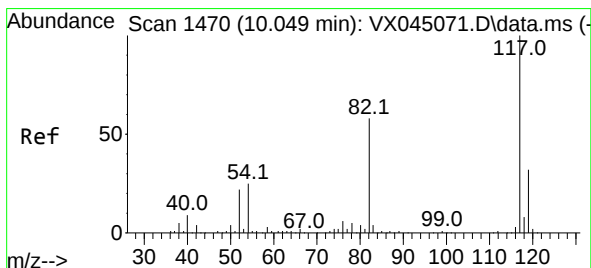
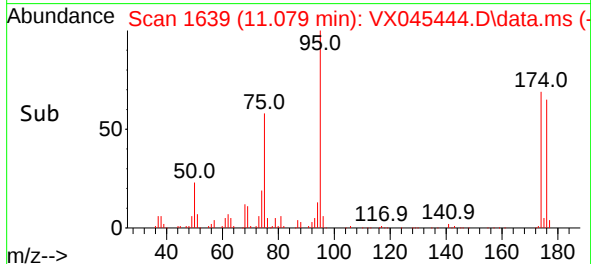
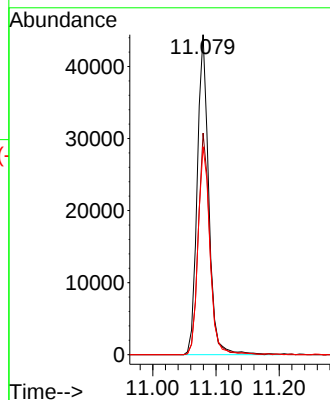
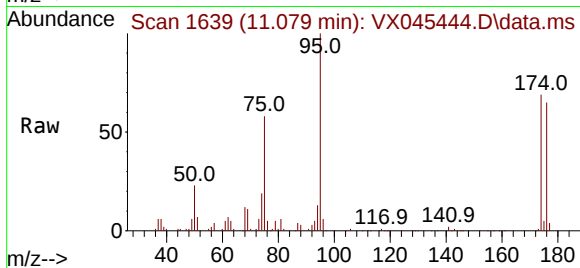




#62
4-Bromofluorobenzene
Concen: 49.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

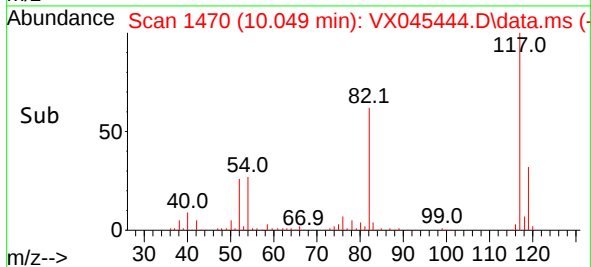
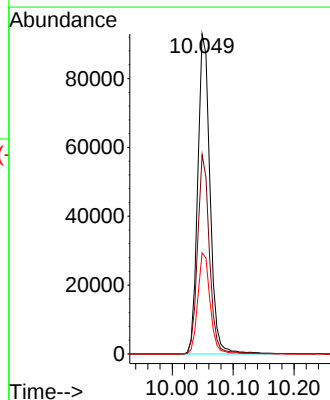
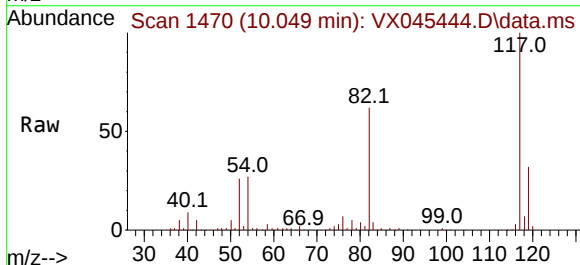
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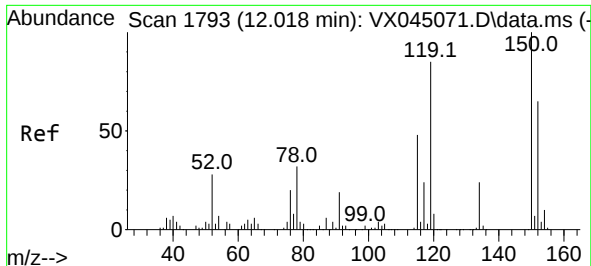
Tgt Ion: 95 Resp: 56202
Ion Ratio Lower Upper
95 100
174 69.6 0.0 148.2
176 67.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045444.D
Acq: 25 Mar 2025 16:46

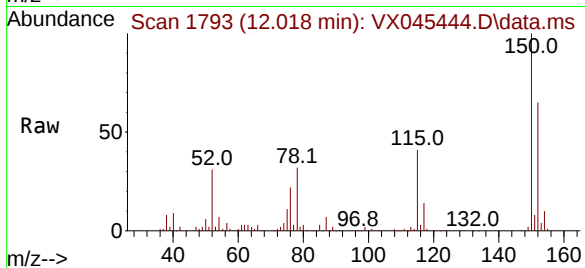
Tgt Ion: 117 Resp: 129742
Ion Ratio Lower Upper
117 100
82 62.2 46.3 69.5
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045444.D
 Acq: 25 Mar 2025 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FB03-20250321



Tgt Ion:152 Resp: 49151
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.2 132.6
 150 153.6 0.0 349.0

