

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112624\
 Data File : VX044019.D
 Acq On : 26 Nov 2024 16:23
 Operator : JC/MD
 Sample : P4958-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Nov 27 00:55:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	106697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90719	49.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	5.385	113	66006	46.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	238932	48.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	76578	46.109	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.220%

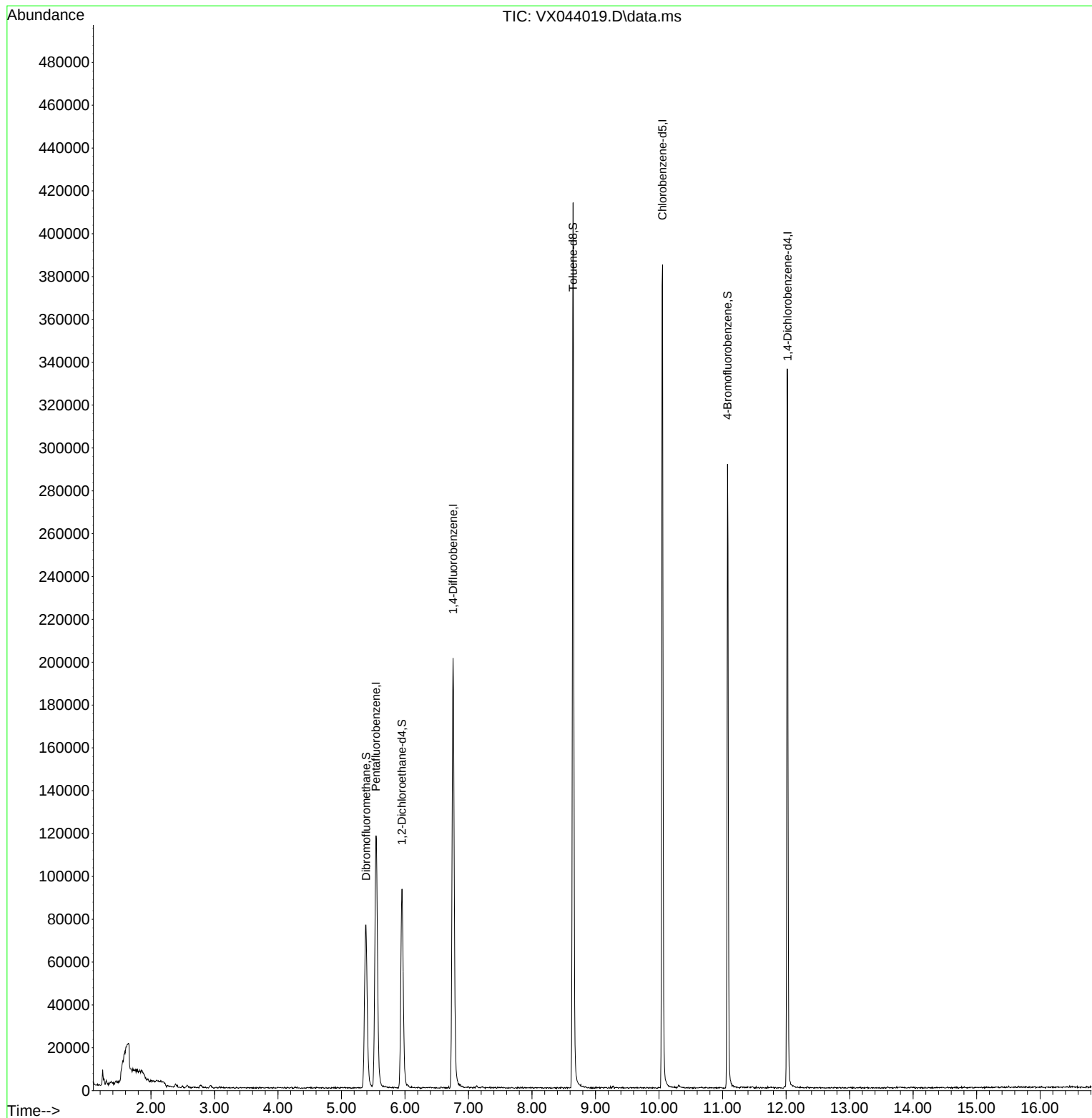
Target Compounds Qvalue

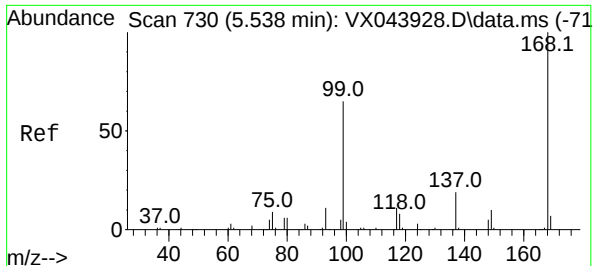
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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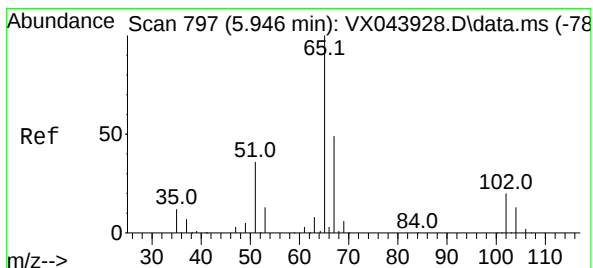
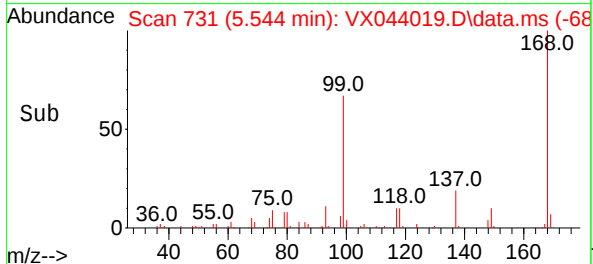
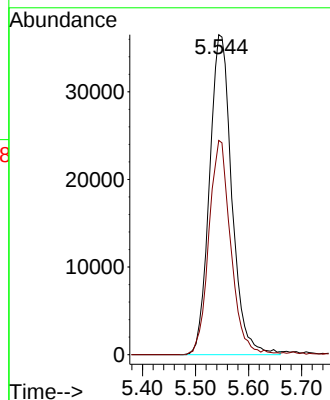
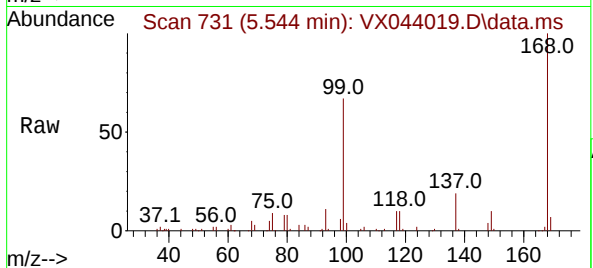




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044019.D
Acq: 26 Nov 2024 16:23

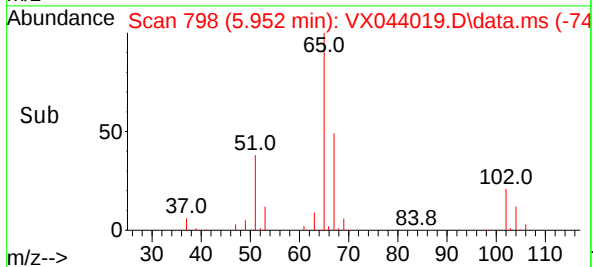
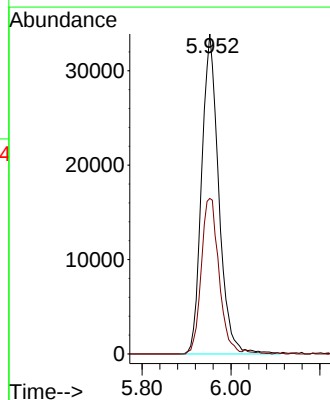
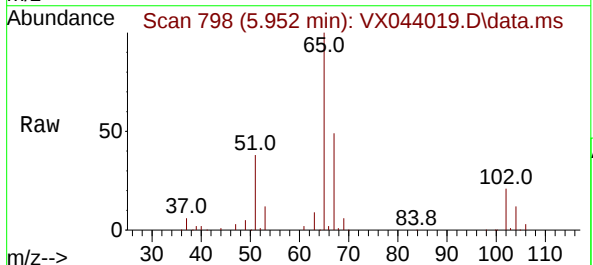
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

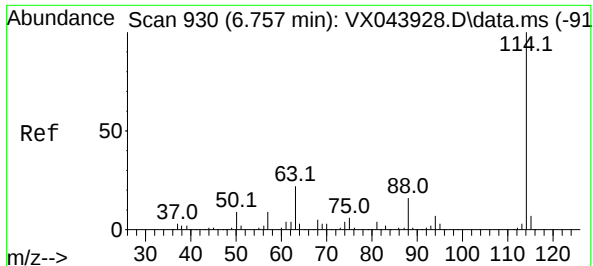
Tgt Ion:168 Resp: 106697
Ion Ratio Lower Upper
168 100
99 66.9 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 49.572 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044019.D
Acq: 26 Nov 2024 16:23

Tgt Ion: 65 Resp: 90719
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8

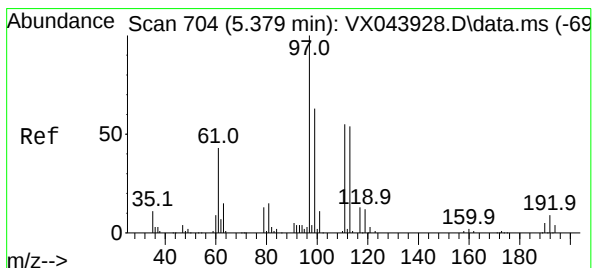
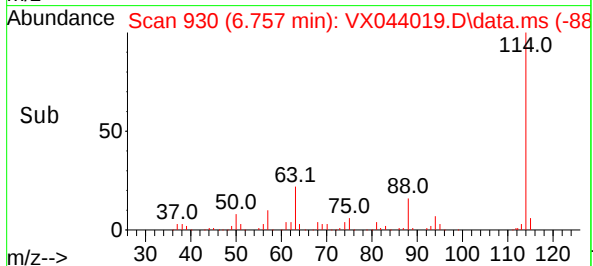
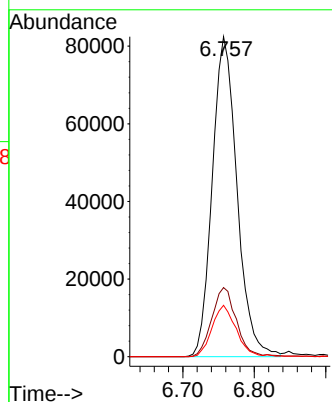
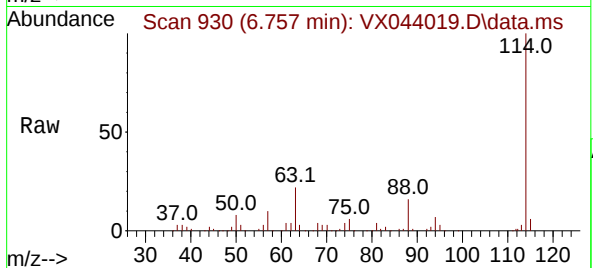




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044019.D
Acq: 26 Nov 2024 16:23

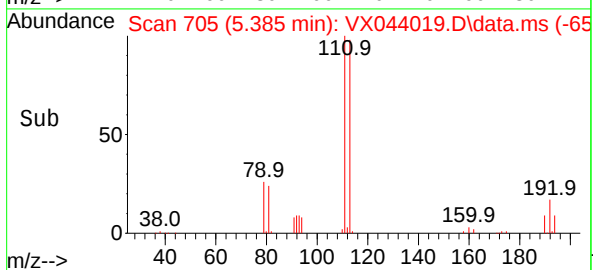
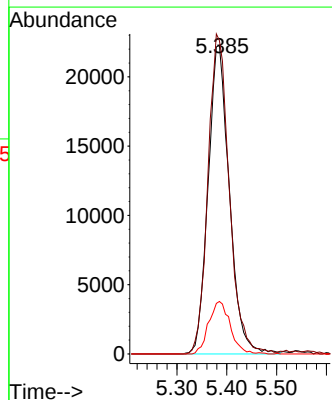
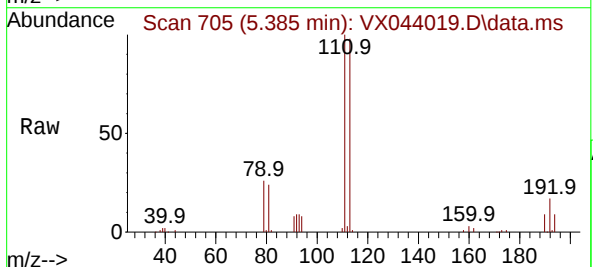
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

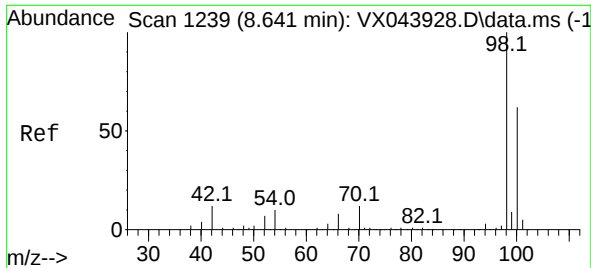
Tgt Ion:114 Resp: 198121
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.625 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044019.D
Acq: 26 Nov 2024 16:23

Tgt Ion:113 Resp: 66006
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 17.1 13.0 19.6





#50

Toluene-d8

Concen: 48.962 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044019.D

Acq: 26 Nov 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

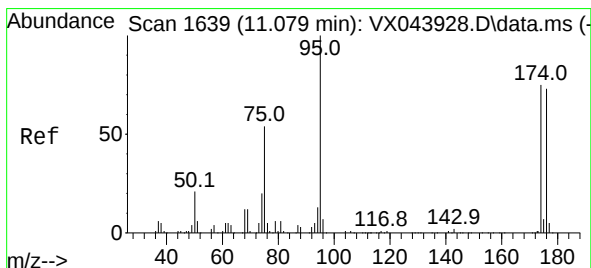
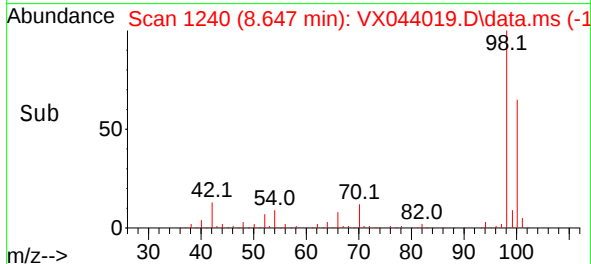
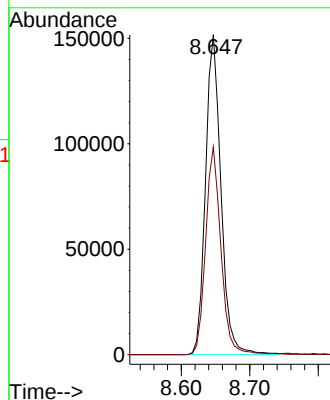
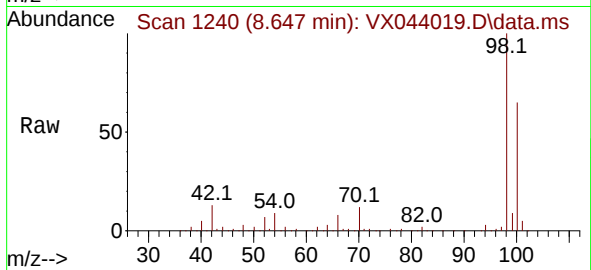
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 238932

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.109 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044019.D

Acq: 26 Nov 2024 16:23

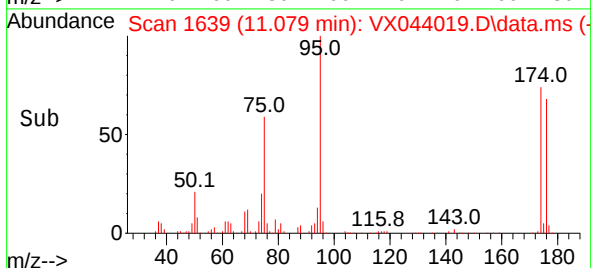
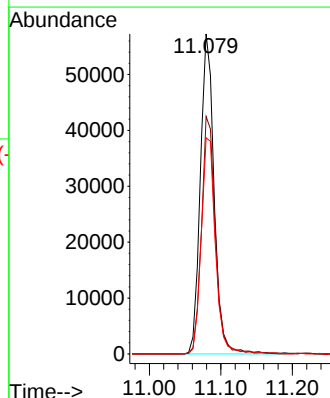
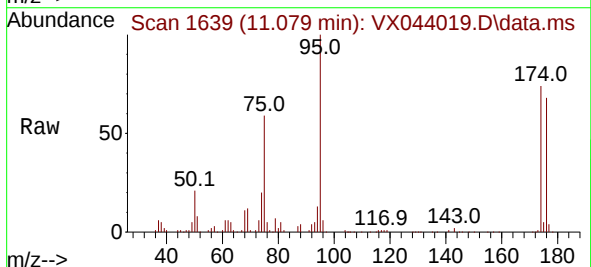
Tgt Ion: 95 Resp: 76578

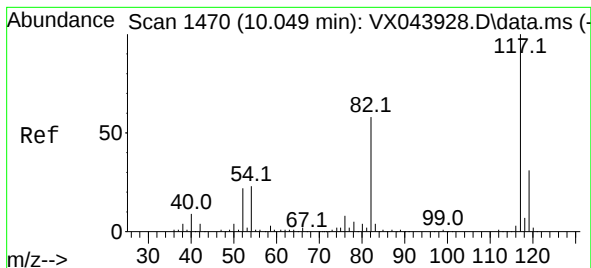
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.4

176 69.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044019.D

Acq: 26 Nov 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

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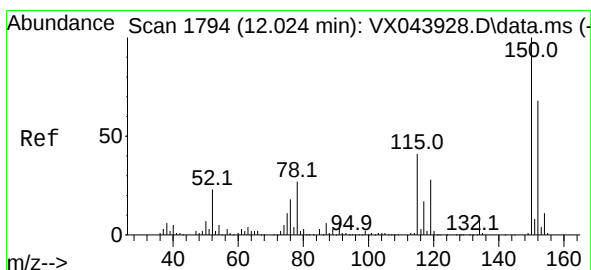
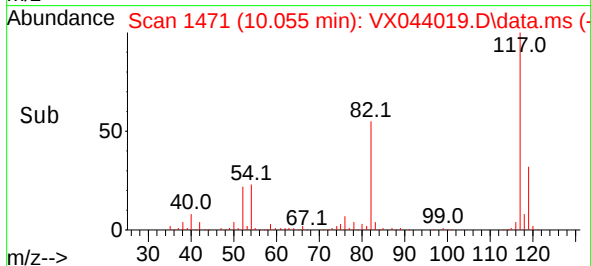
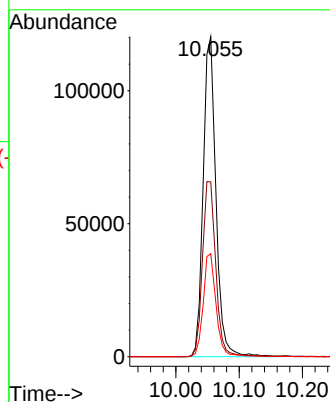
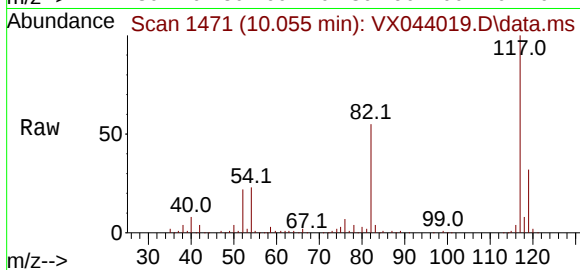
Tgt Ion:117 Resp: 169526

Ion Ratio Lower Upper

117 100

82 54.6 46.4 69.6

119 32.2 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044019.D

Acq: 26 Nov 2024 16:23

Tgt Ion:152 Resp: 65513

Ion Ratio Lower Upper

152 100

115 62.9 45.4 136.2

150 157.3 0.0 353.0

