

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039444.D
 Acq On : 22 Dec 2023 16:50
 Operator : JC/MD
 Sample : 05966-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COM99

Quant Time: Dec 23 06:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96724	50.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.420%
35) Dibromofluoromethane	5.385	113	73688	47.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	285150	49.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	124954	52.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.880%

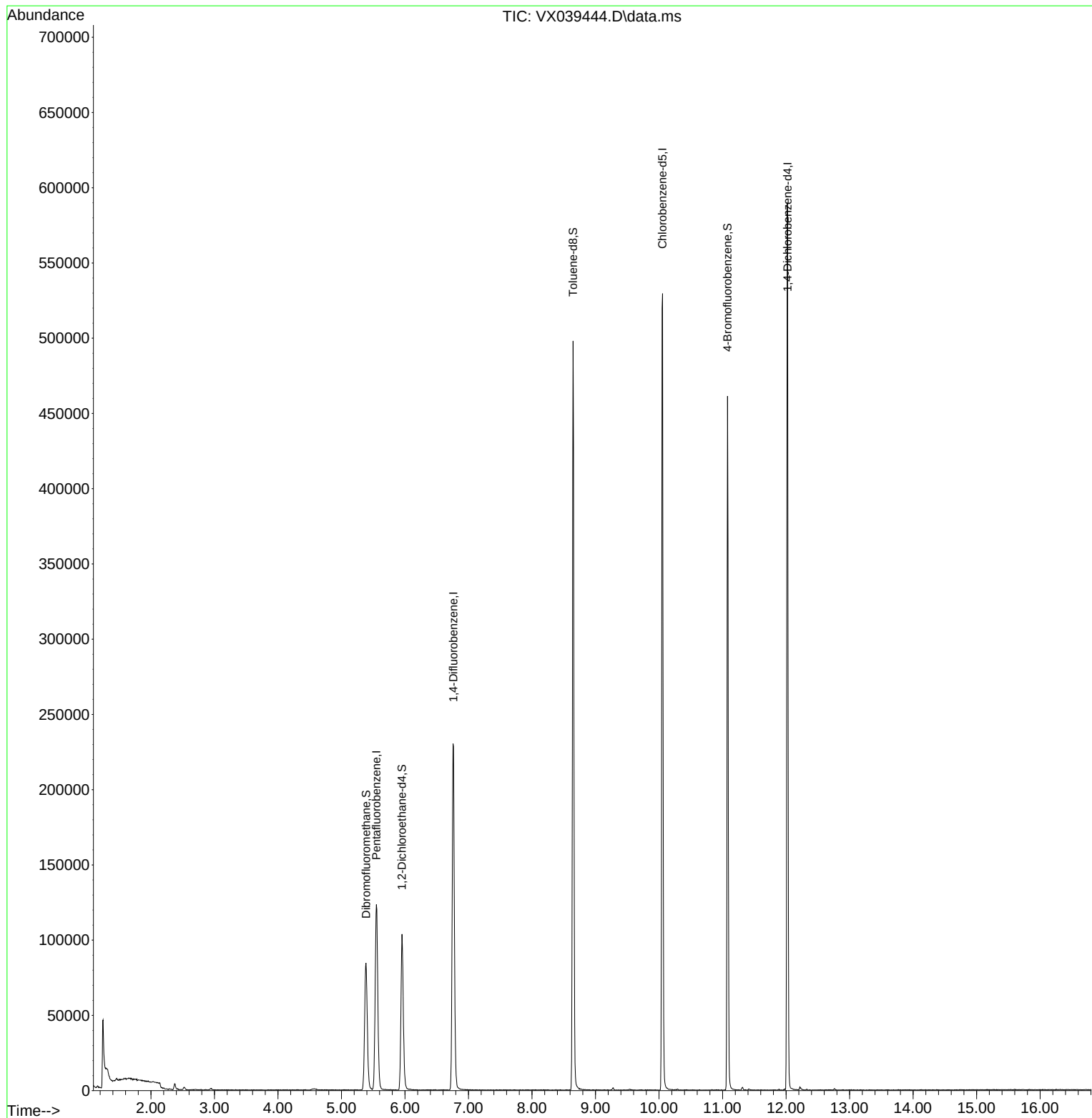
Target Compounds	Qvalue

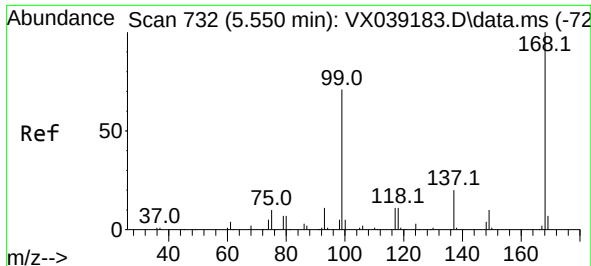
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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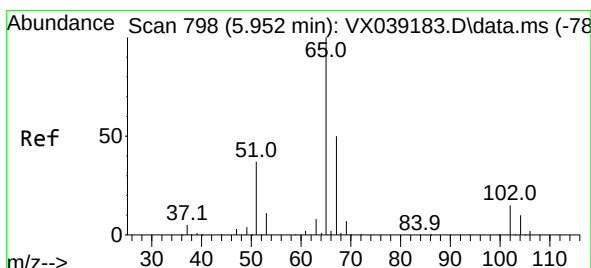
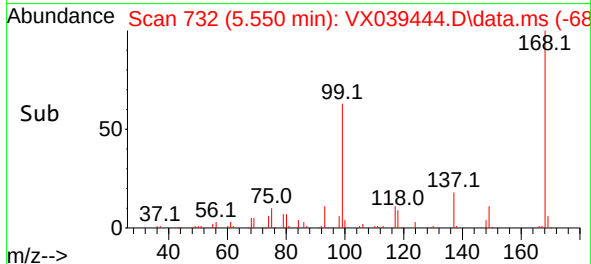
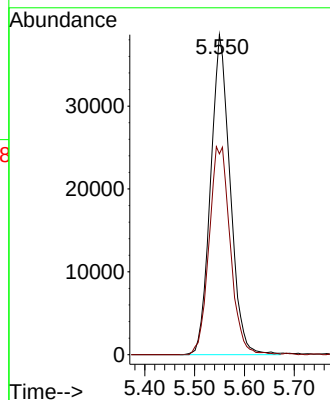
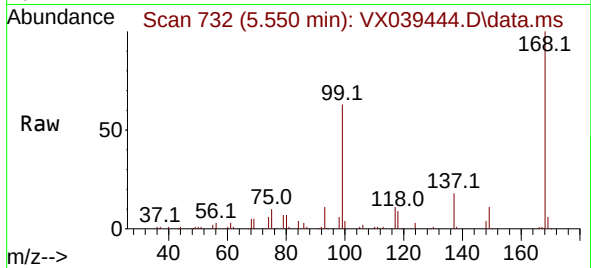




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

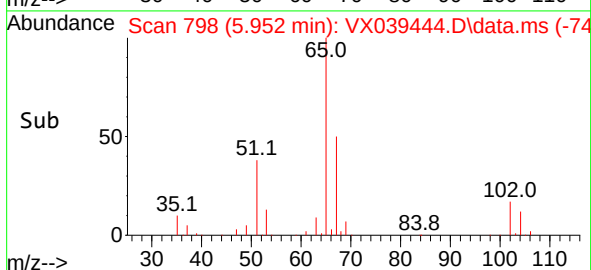
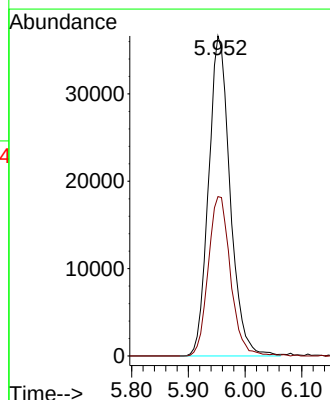
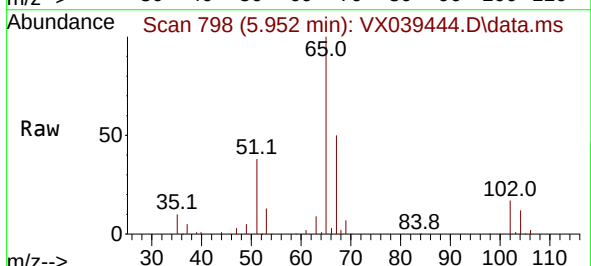
Instrument :
MSVOA_X
ClientSampleId :
COM99

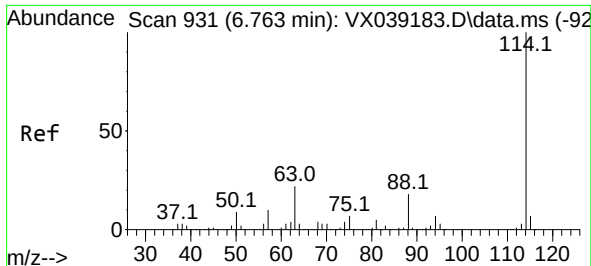
Tgt Ion:168 Resp: 105146
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.215 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 65 Resp: 96724
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

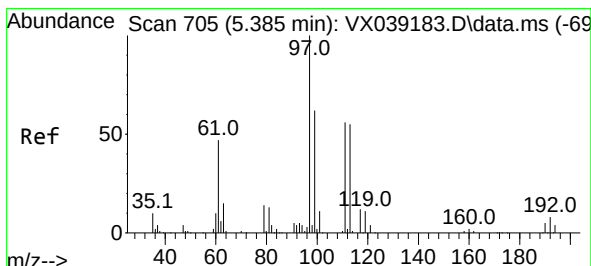
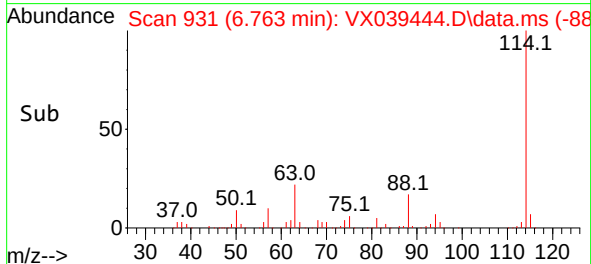
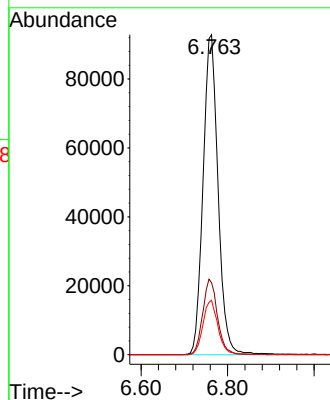
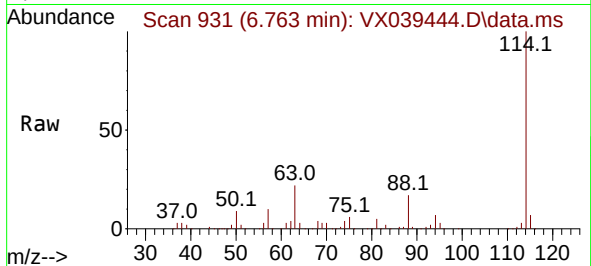




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

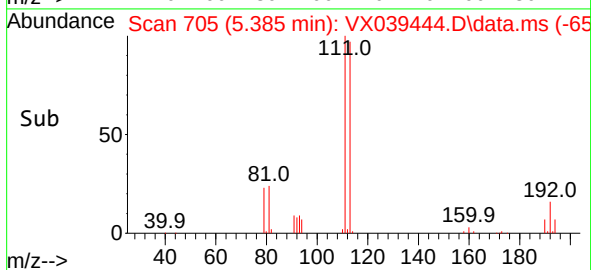
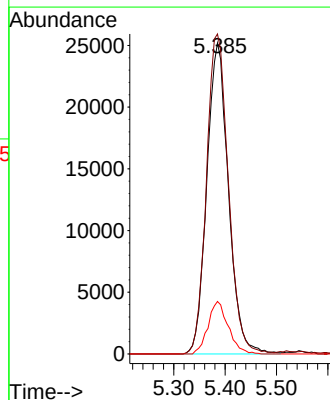
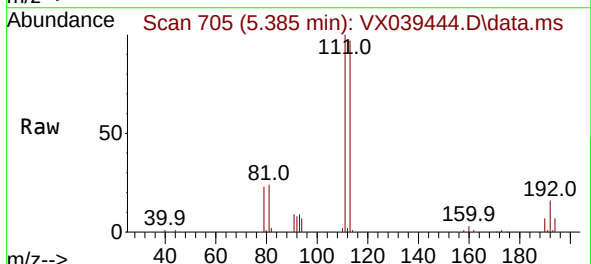
Instrument :
MSVOA_X
ClientSampleId :
COM99

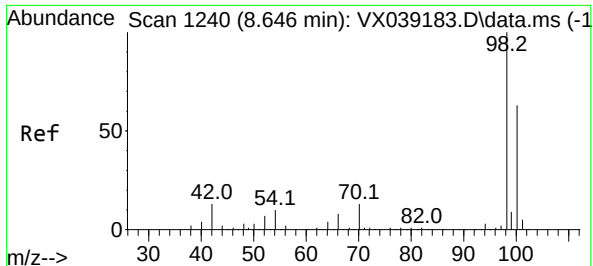
Tgt Ion:114 Resp: 223024
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion:113 Resp: 73688
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.8 13.3 19.9

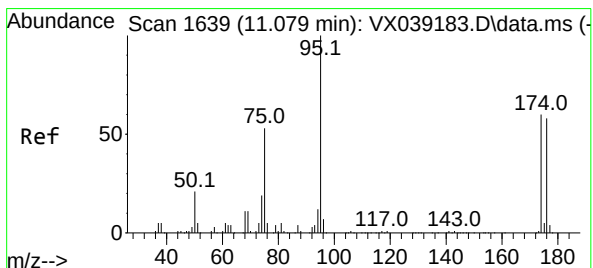
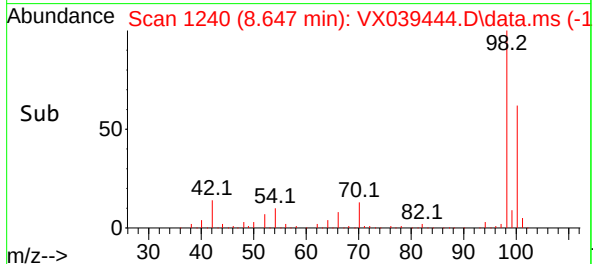
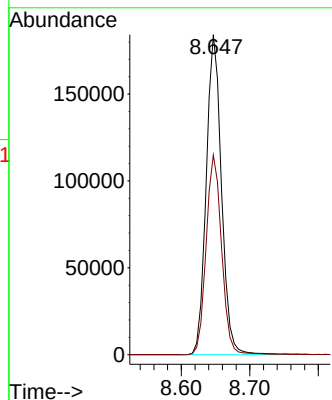
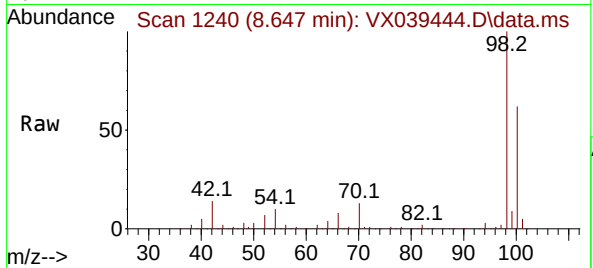




#50
Toluene-d8
Concen: 49.850 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

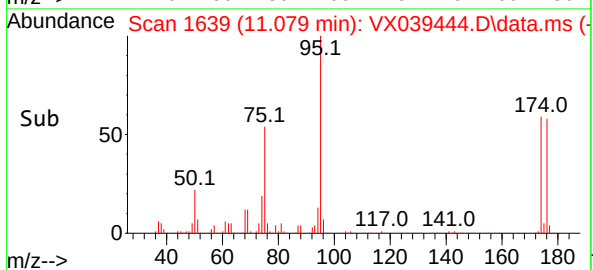
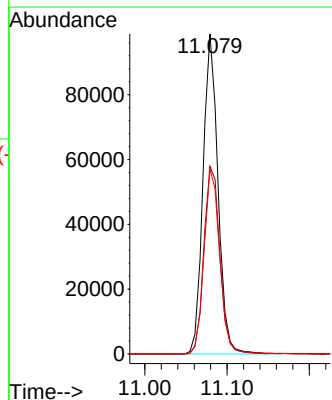
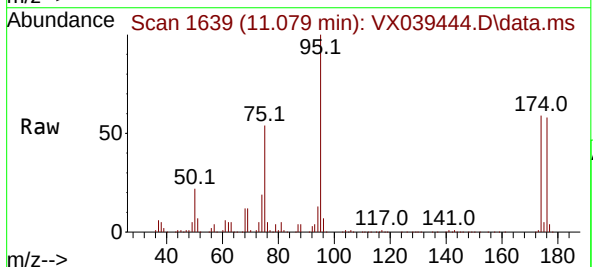
Instrument :
MSVOA_X
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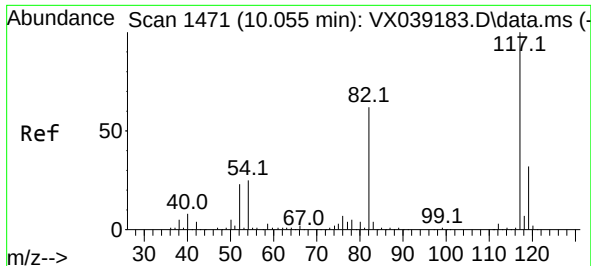
Tgt Ion: 98 Resp: 285150
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 95 Resp: 124954
Ion Ratio Lower Upper
95 100
174 62.6 0.0 135.6
176 60.3 0.0 131.0

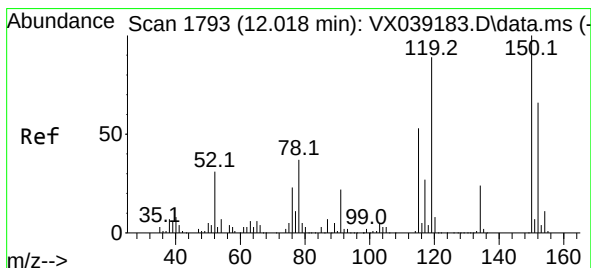
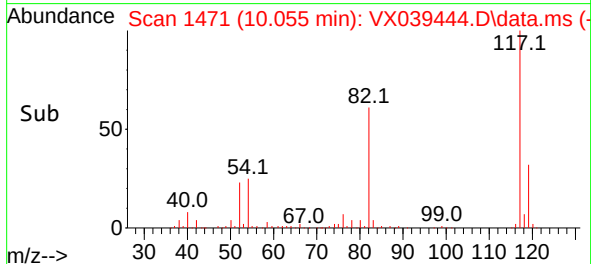
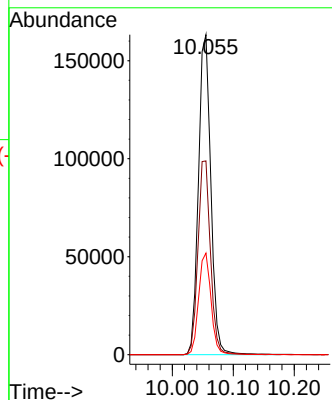
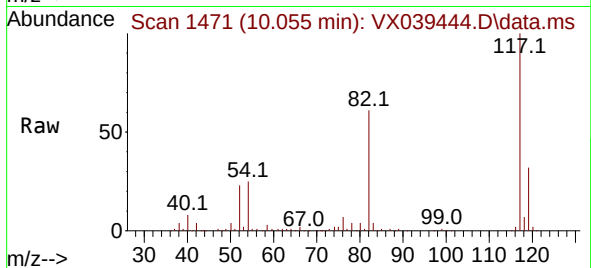




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
COM99

Tgt Ion:117 Resp: 230241
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion:152 Resp: 114248
Ion Ratio Lower Upper
152 100
115 67.1 43.3 129.9
150 157.3 0.0 345.0

