

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039439.D
 Acq On : 22 Dec 2023 14:55
 Operator : JC/MD
 Sample : 05966-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLK8

Quant Time: Dec 23 06:25:33 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	103253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93494	49.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.860%
35) Dibromofluoromethane	5.385	113	71340	47.457	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	277518	49.726	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.079	95	122027	52.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.980%

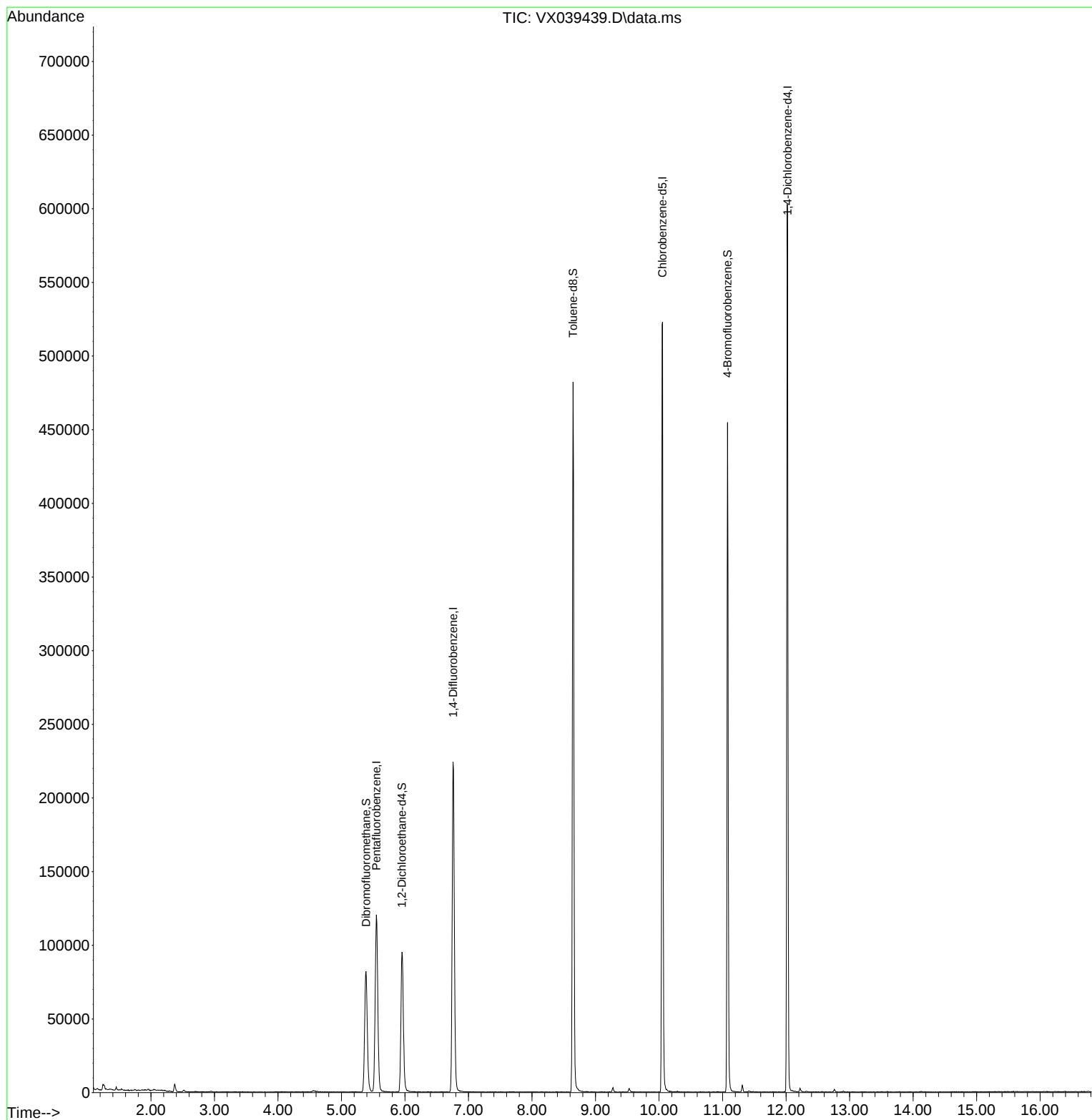
Target Compounds	Qvalue

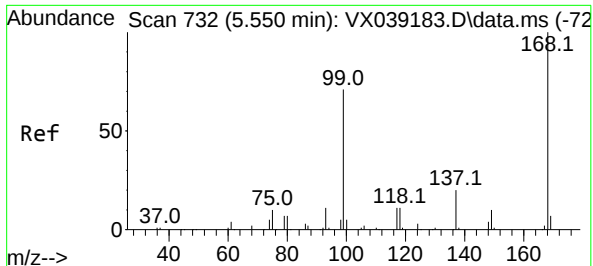
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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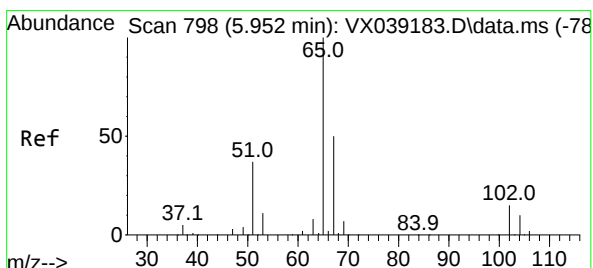
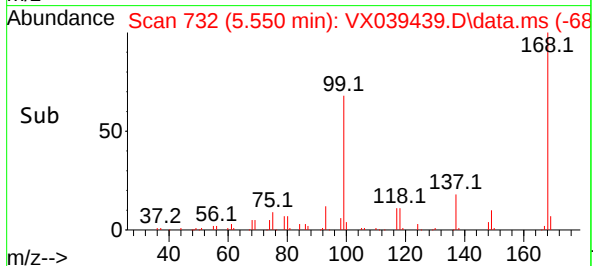
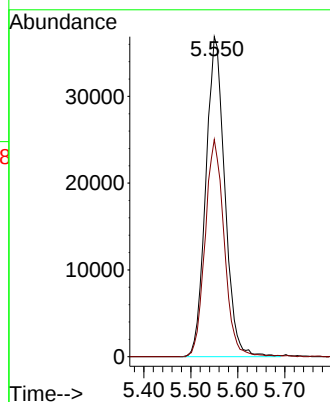
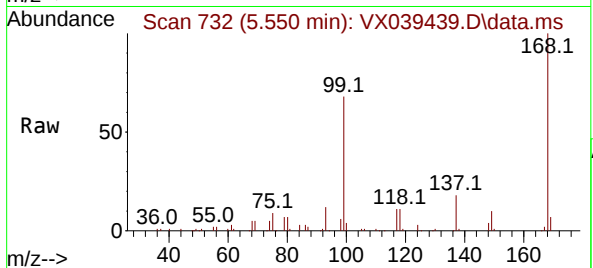




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

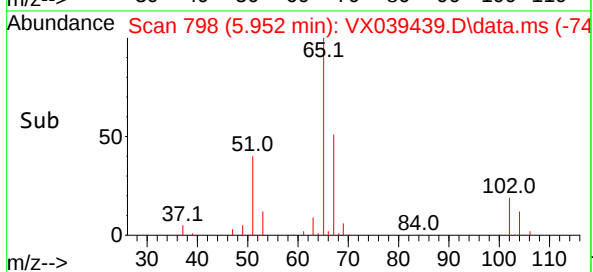
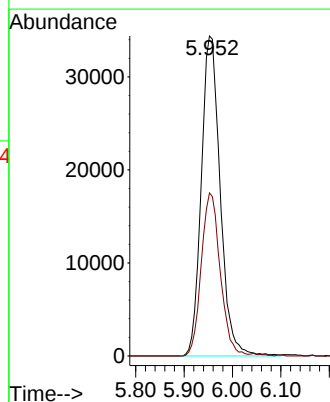
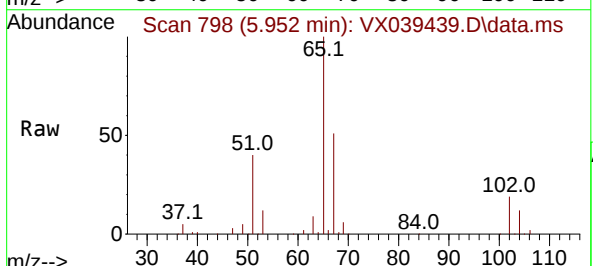
Instrument :
MSVOA_X
ClientSampleId :
COLK8

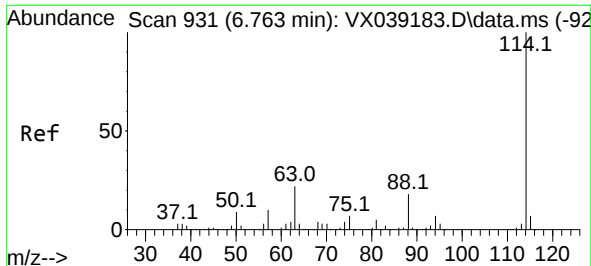
Tgt Ion:168 Resp: 103253
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.428 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

Tgt Ion: 65 Resp: 93494
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

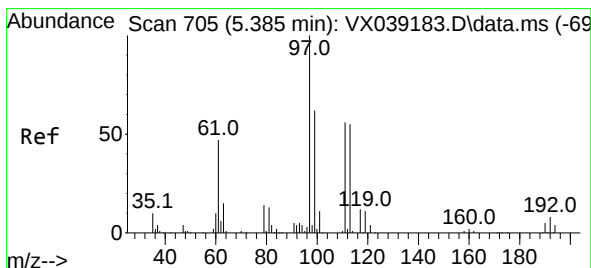
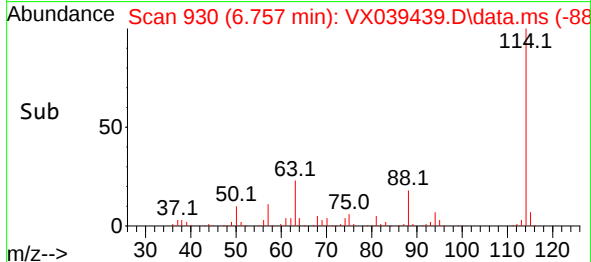
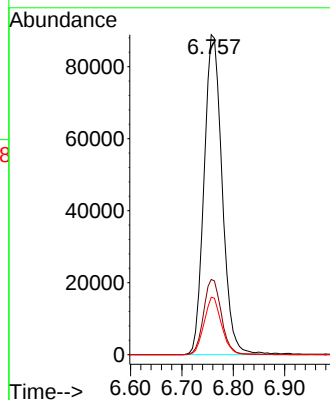
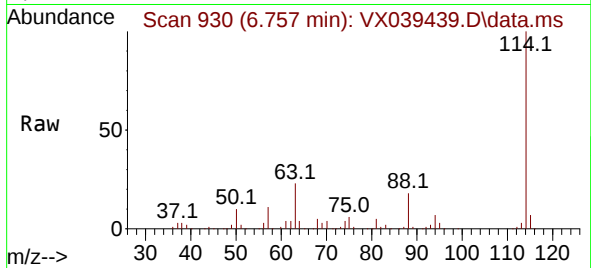




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

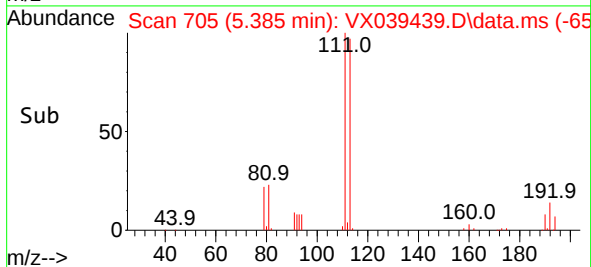
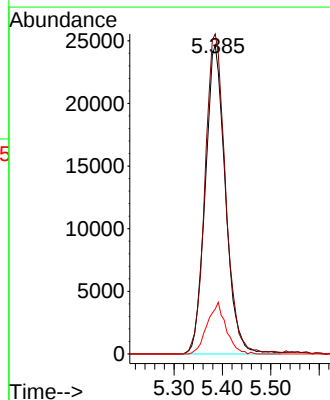
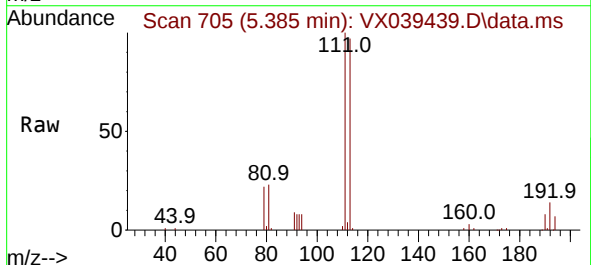
Instrument :
MSVOA_X
ClientSampleId :
COLK8

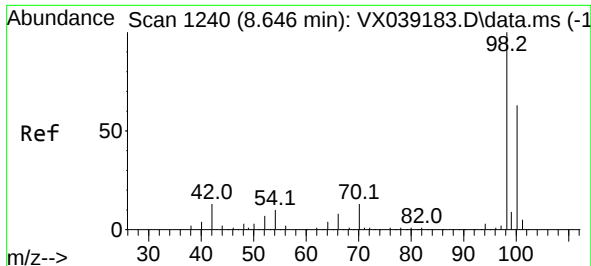
Tgt Ion:114 Resp: 217597
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 18.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.457 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

Tgt Ion:113 Resp: 71340
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 15.6 13.3 19.9

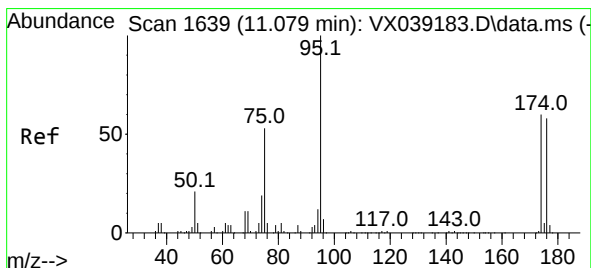
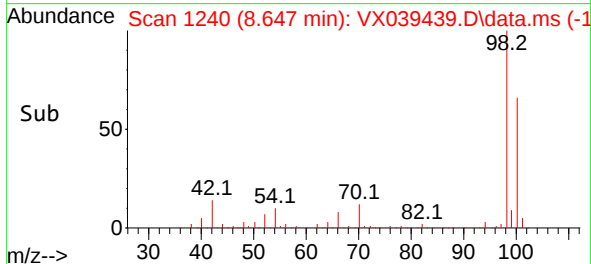
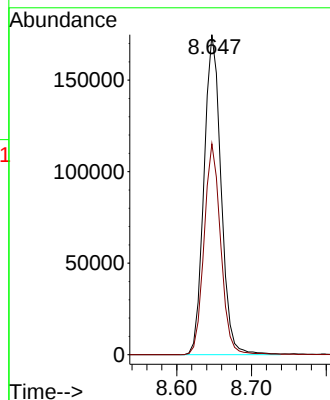
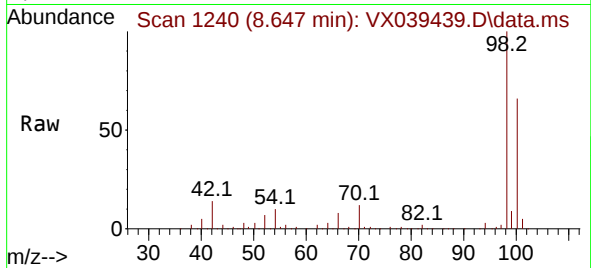




#50
Toluene-d8
Concen: 49.726 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

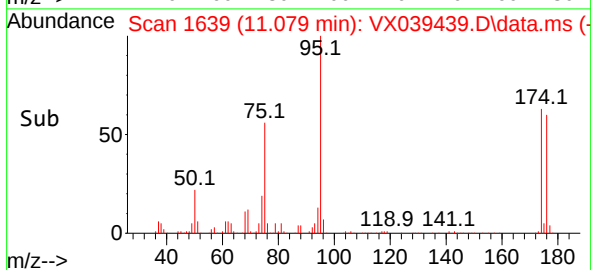
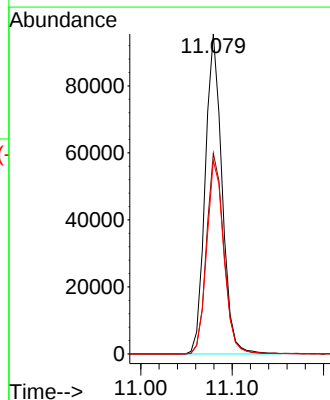
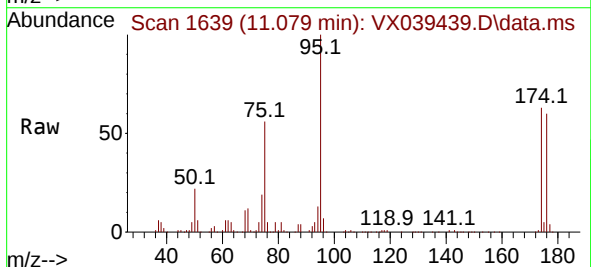
Instrument :
MSVOA_X
ClientSampleId :
COLK8

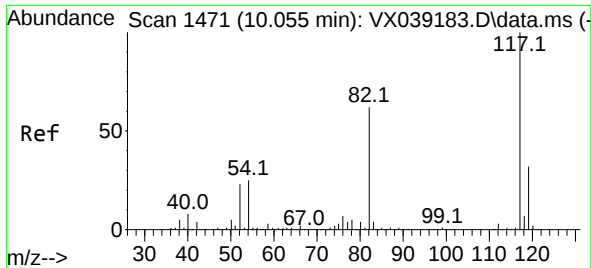
Tgt Ion: 98 Resp: 277518
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

Tgt Ion: 95 Resp: 122027
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.6
176 62.0 0.0 131.0

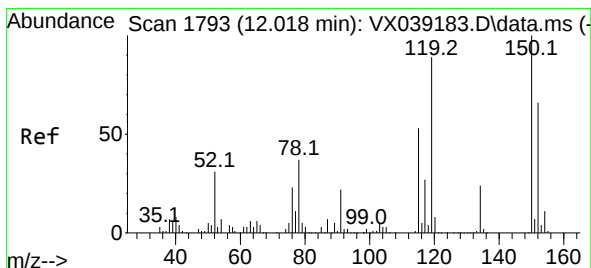
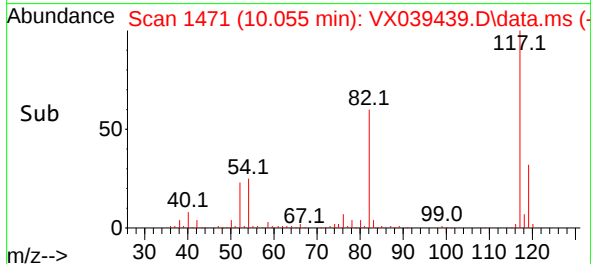
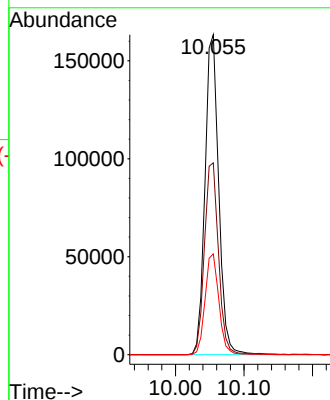
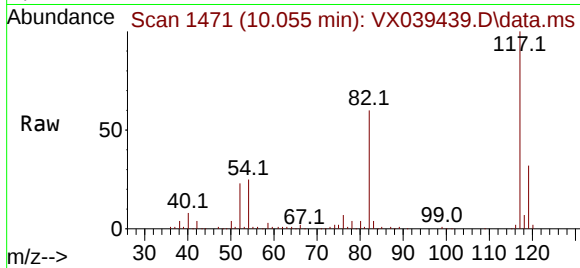




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039439.D
Acq: 22 Dec 2023 14:55

Instrument :
MSVOA_X
ClientSampleId :
COLK8

Tgt Ion:117 Resp: 227944
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.5 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: VX039439.D
Acq: 22 Dec 2023 14:55

Tgt Ion:152 Resp: 114524
Ion Ratio Lower Upper
152 100
115 67.2 43.3 129.9
150 157.5 0.0 345.0

