

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035864.D
 Acq On : 25 May 2023 19:27
 Operator : JC/MD
 Sample : 02911-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230522

Quant Time: May 26 07:25:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	354384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151958	43.154	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.300%
35) Dibromofluoromethane	5.385	113	118423	49.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	8.647	98	396431	44.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.800%#
62) 4-Bromofluorobenzene	11.079	95	158515	44.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%

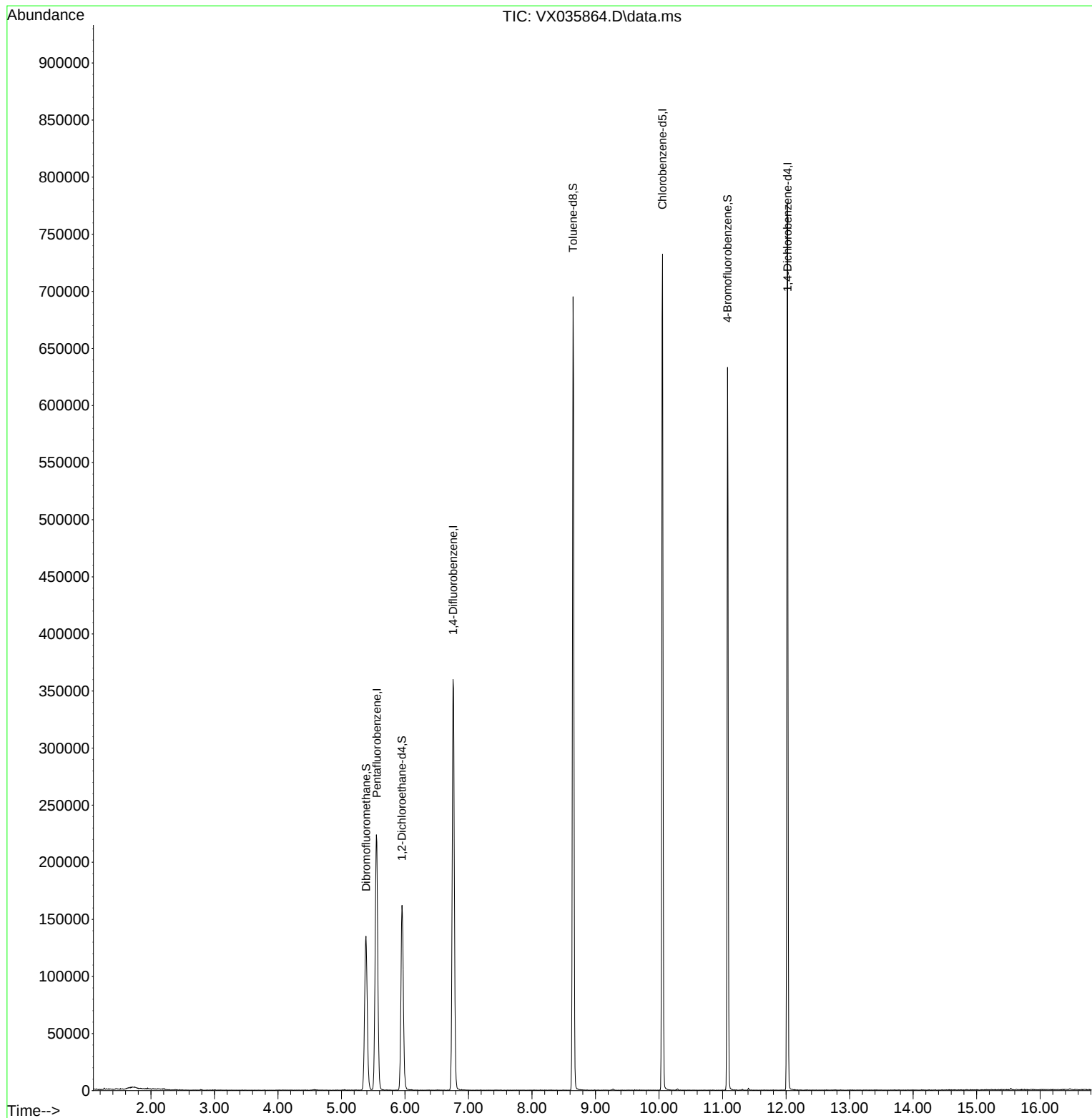
Target Compounds	Qvalue

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

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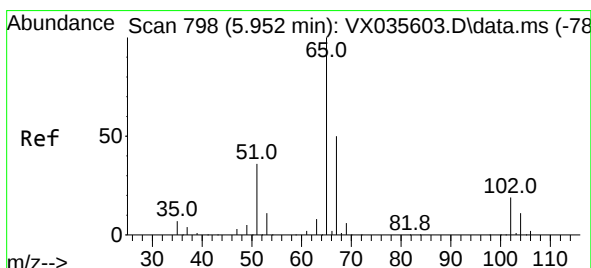
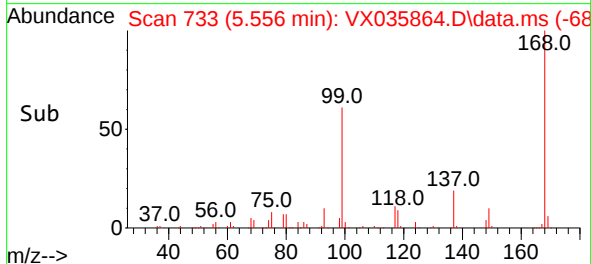
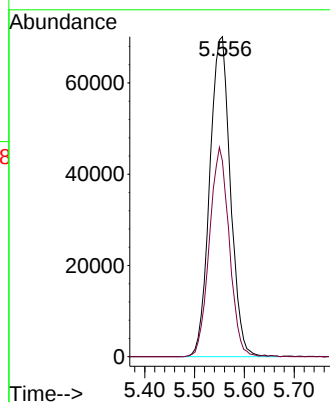
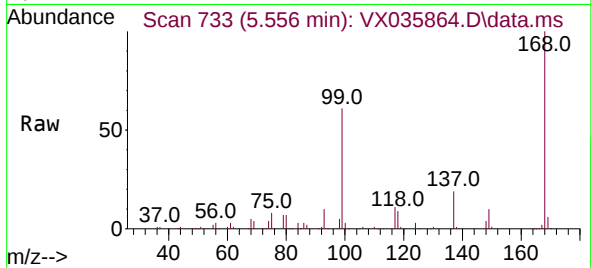




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

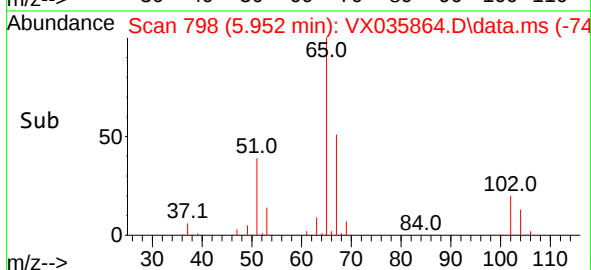
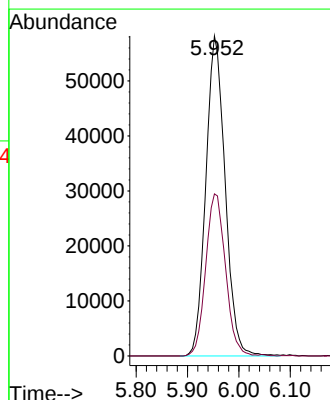
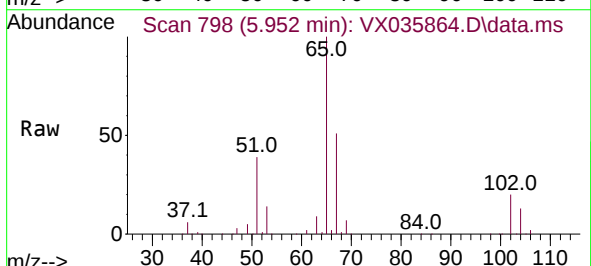
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

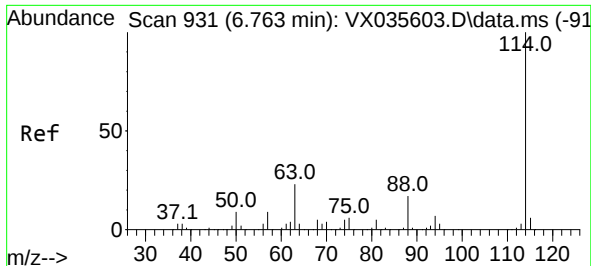
Tgt Ion:168 Resp: 201848
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 43.154 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion: 65 Resp: 151958
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

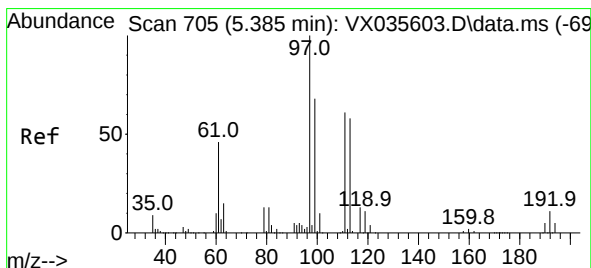
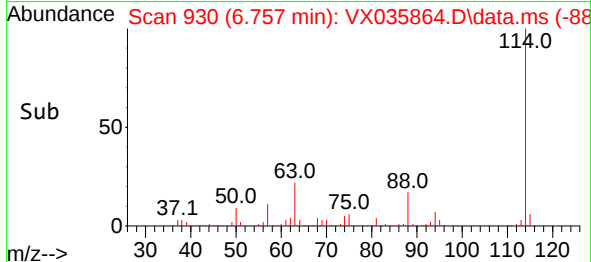
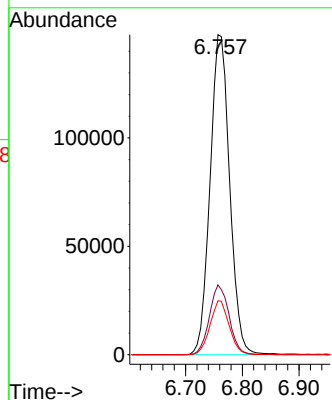
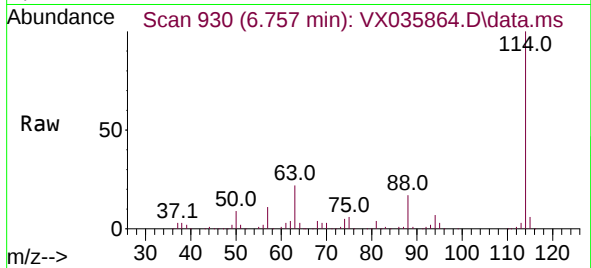




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

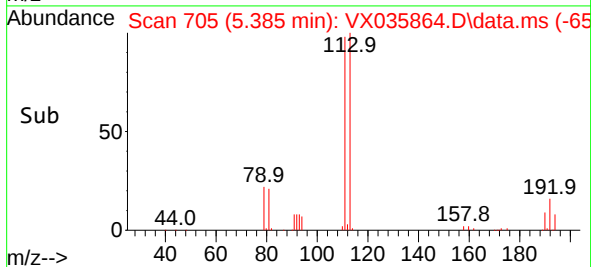
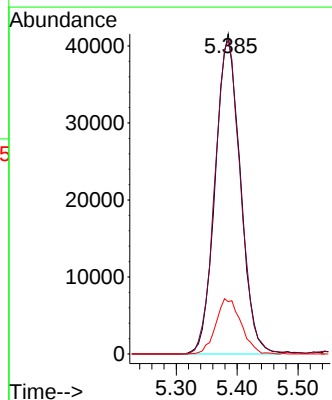
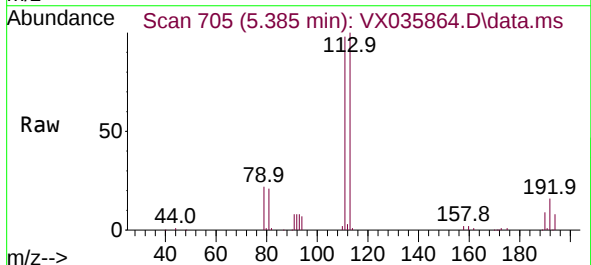
Instrument :
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ClientSampleId :
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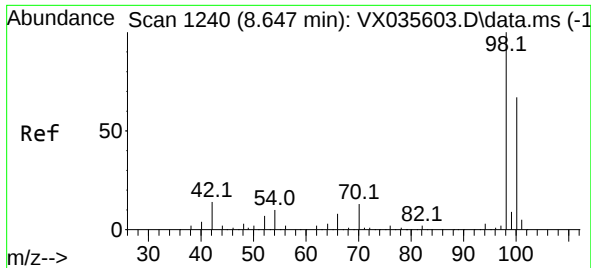
Tgt Ion:114 Resp: 354384
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion:113 Resp: 118423
Ion Ratio Lower Upper
113 100
111 100.6 83.7 125.5
192 17.4 15.4 23.2

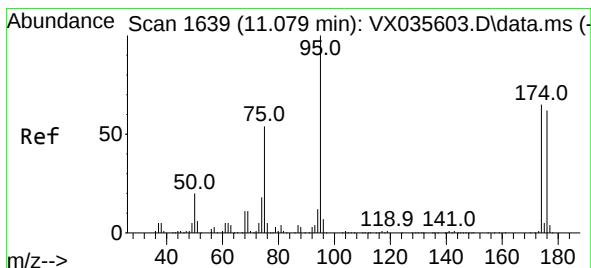
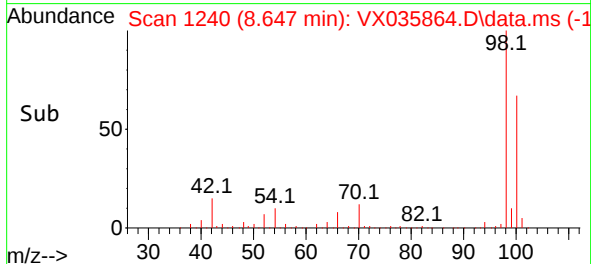
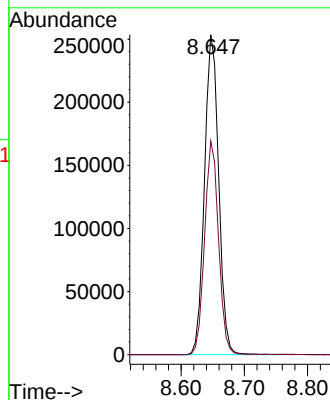
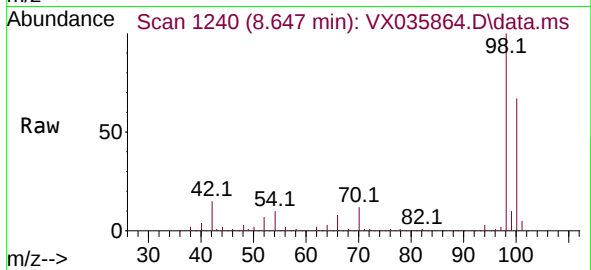




#50
Toluene-d8
Concen: 44.901 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

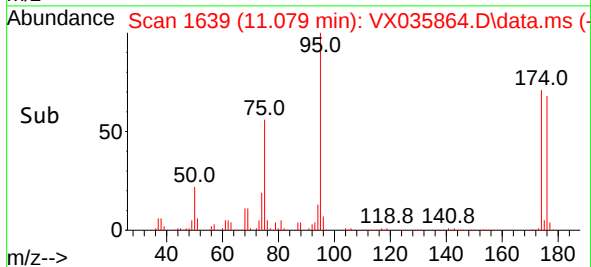
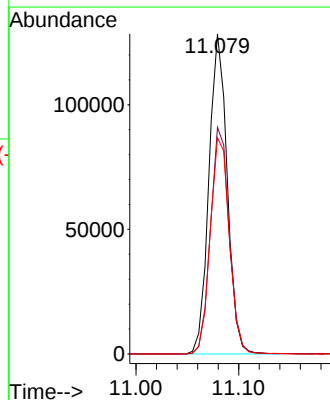
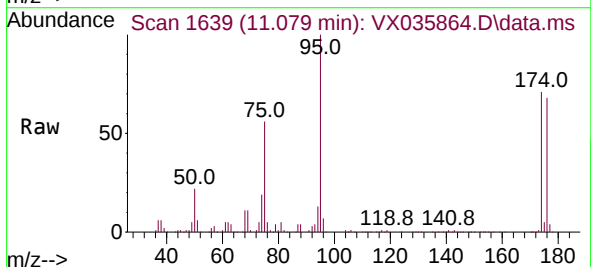
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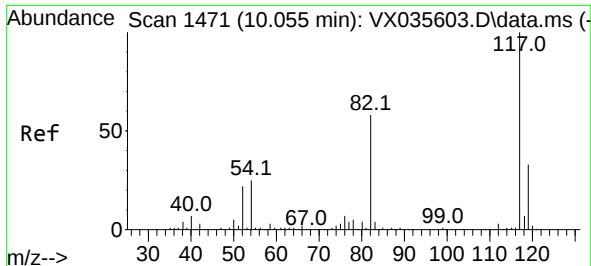
Tgt Ion: 98 Resp: 396431
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion: 95 Resp: 158515
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 70.6 0.0 140.6

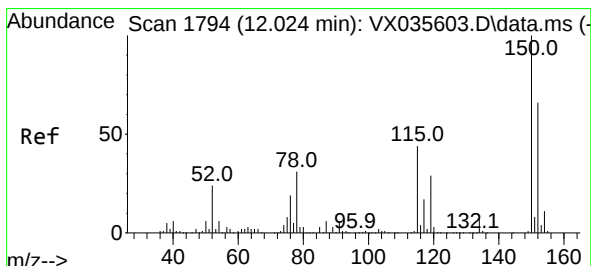
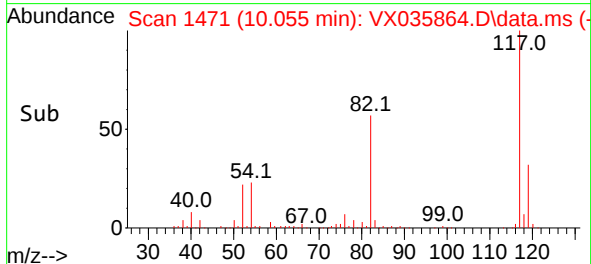
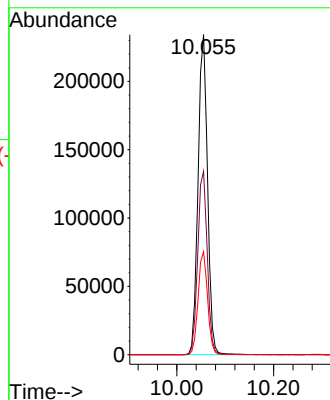
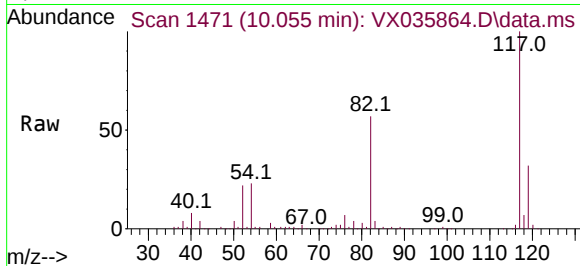




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

Tgt Ion:117 Resp: 316970
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion:152 Resp: 153372
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.1 0.0 352.4

