

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034510.D
 Acq On : 15 Mar 2023 15:58
 Operator : JC/MD
 Sample : 01909-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04

Quant Time: Mar 16 05:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	245450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164147	45.969	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.940%
35) Dibromofluoromethane	5.385	113	128915	46.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	503933	49.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	190556	45.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

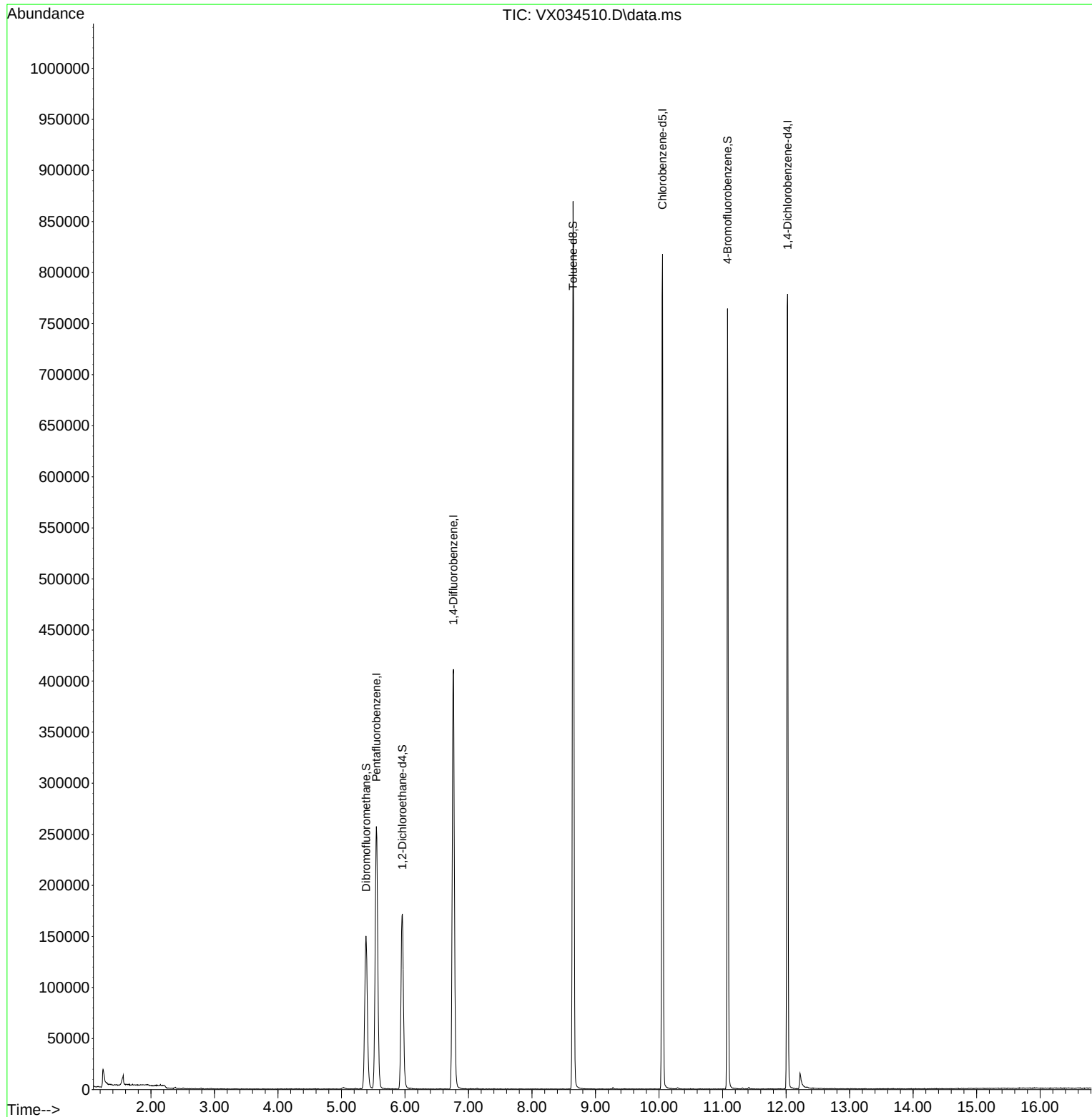
Target Compounds	Qvalue

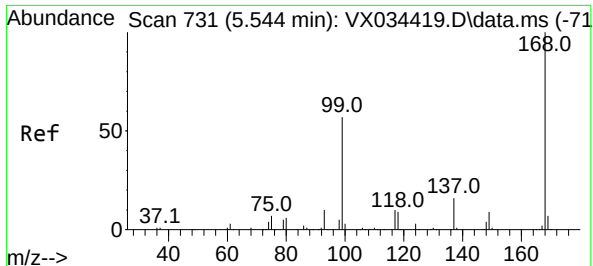
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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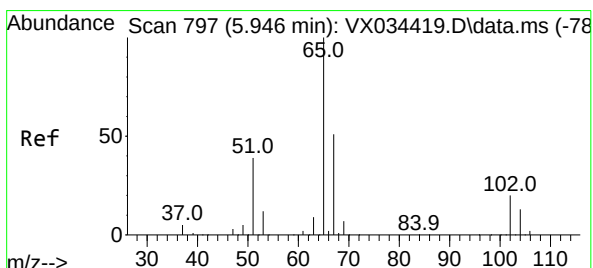
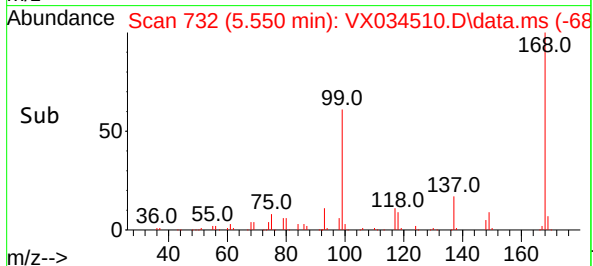
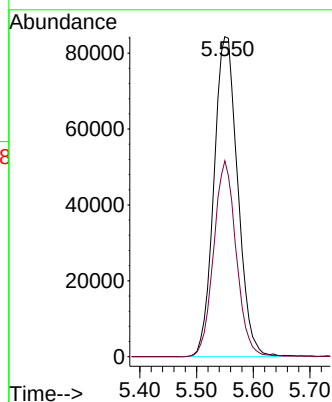
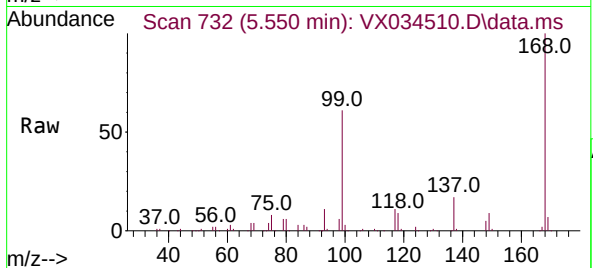




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

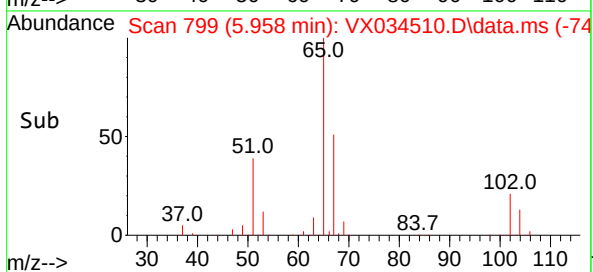
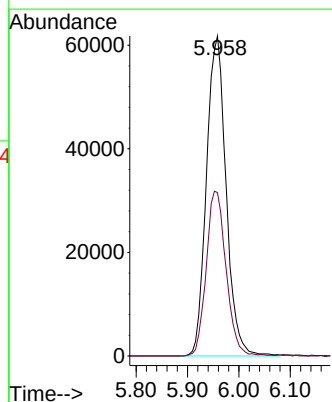
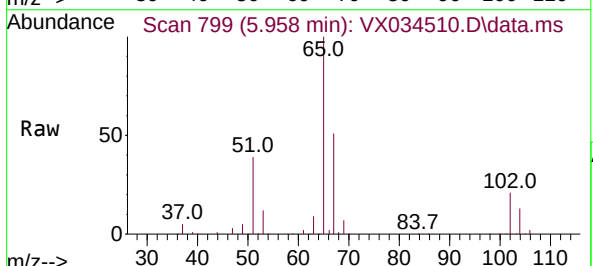
Instrument :
MSVOA_X
ClientSampleId :
TB04

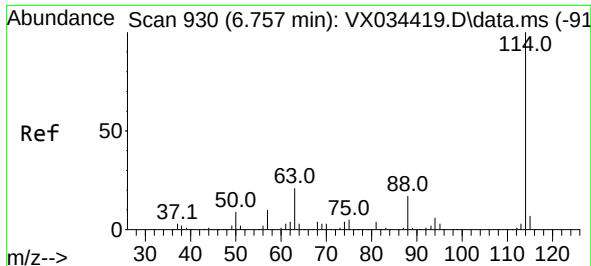
Tgt Ion:168 Resp: 245450
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 45.969 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 65 Resp: 164147
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

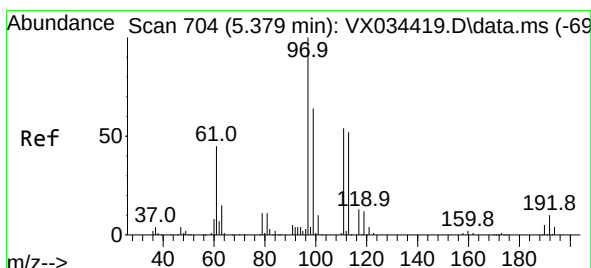
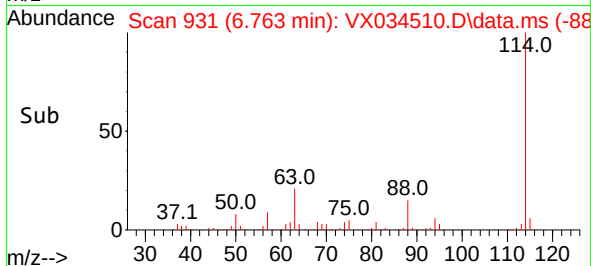
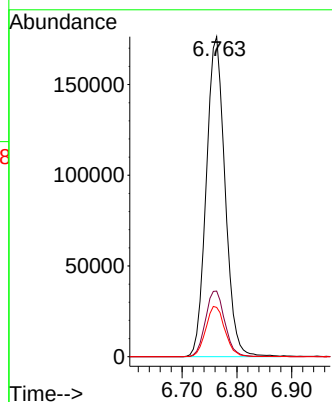
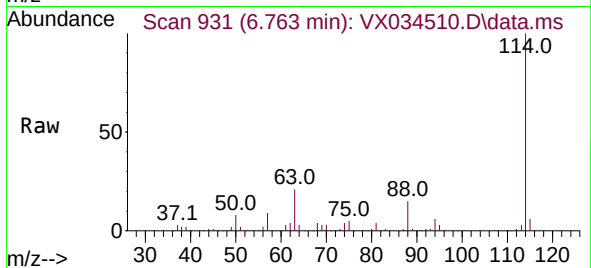




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

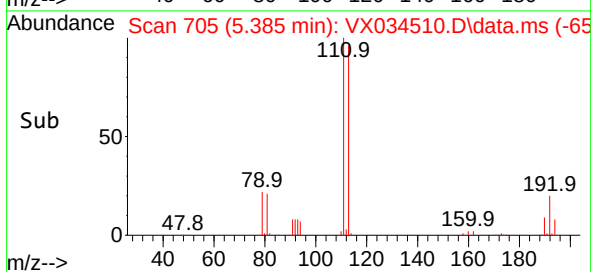
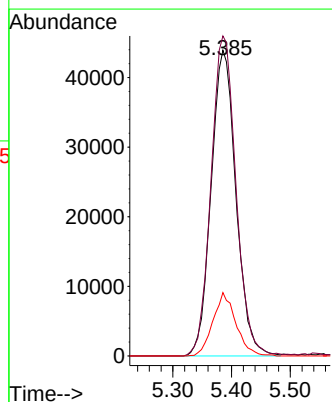
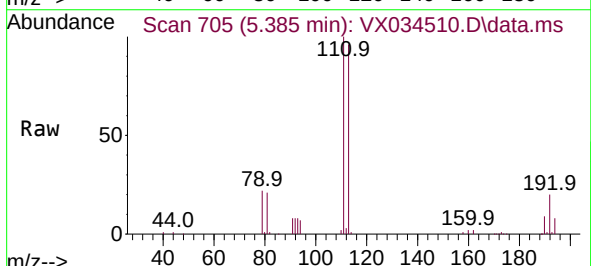
Instrument :
MSVOA_X
ClientSampleId :
TB04

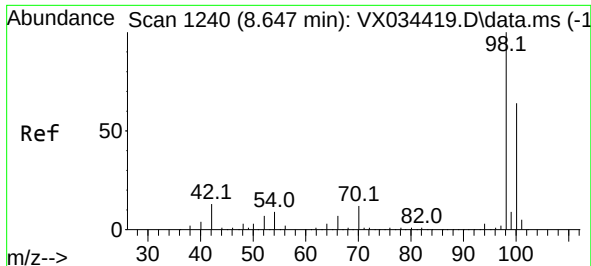
Tgt Ion:114 Resp: 417188
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.802 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion:113 Resp: 128915
Ion Ratio Lower Upper
113 100
111 105.4 83.7 125.5
192 19.2 15.4 23.2

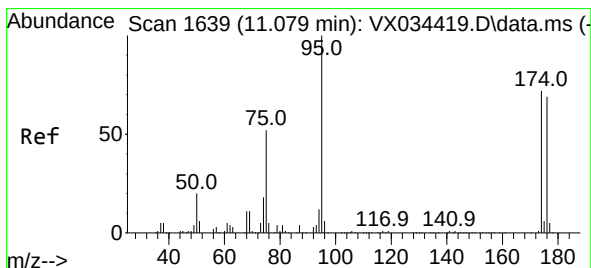
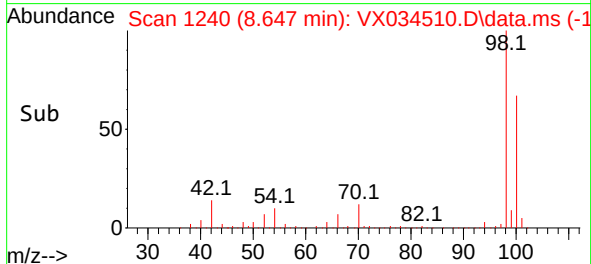
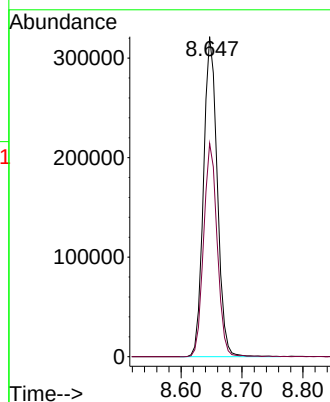
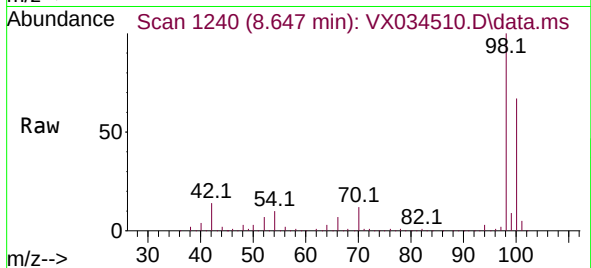




#50
Toluene-d8
Concen: 49.008 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

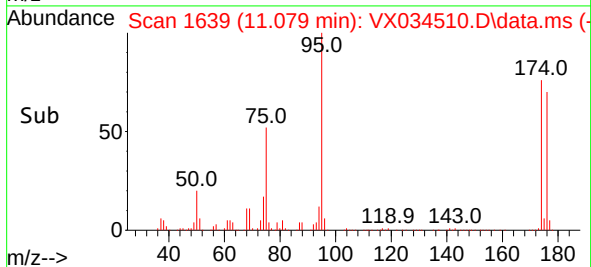
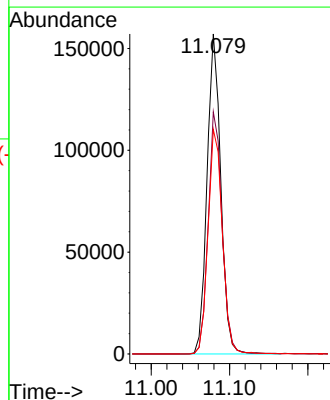
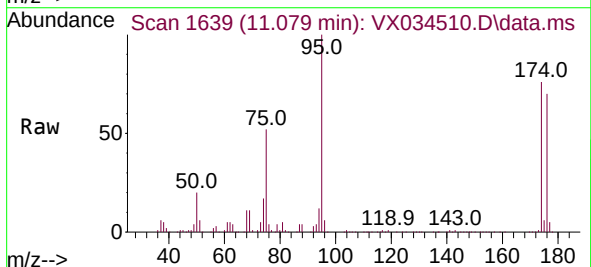
Instrument :
MSVOA_X
ClientSampleId :
TB04

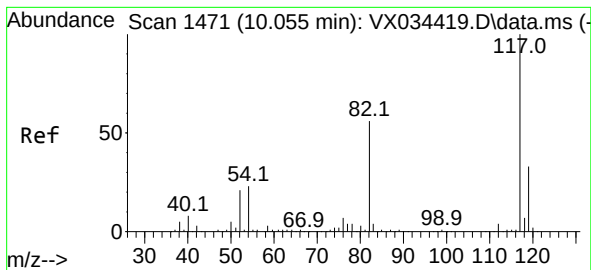
Tgt Ion: 98 Resp: 503933
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 95 Resp: 190556
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 73.6 0.0 140.6

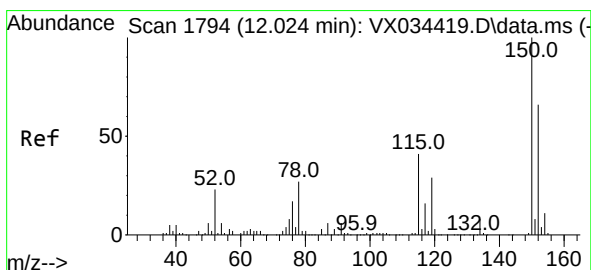
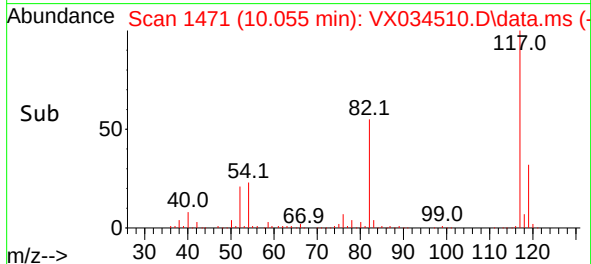
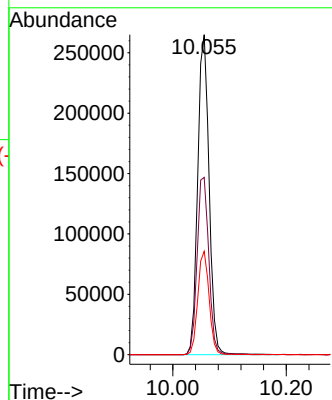
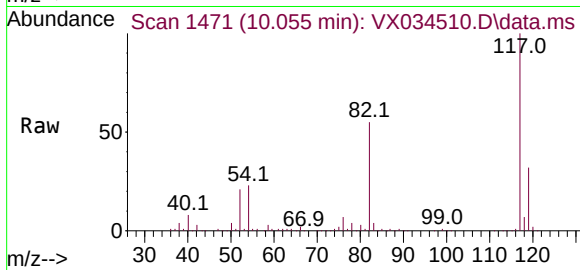




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB04

Tgt Ion:117 Resp: 368447
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 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: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion:152 Resp: 159006
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 157.4 0.0 352.4

