

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032555.D
 Acq On : 03 Nov 2022 14:02
 Operator : JC/MD
 Sample : N5439-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 506D-4

Quant Time: Nov 04 06:18:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75593	50.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.140%
35) Dibromofluoromethane	5.391	113	59463	45.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.653	98	217652	48.120	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	81230	45.975	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%

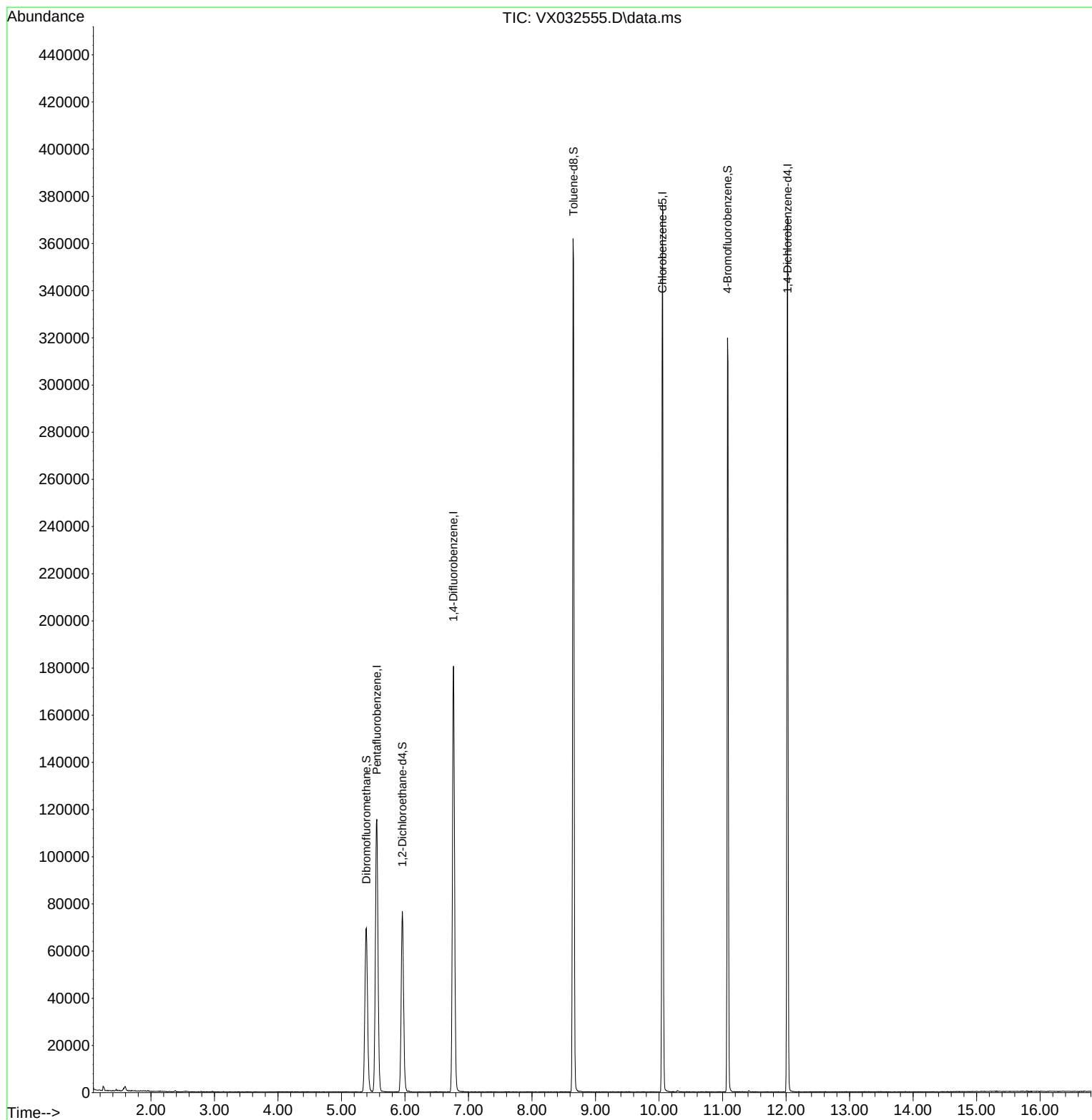
Target Compounds	Qvalue

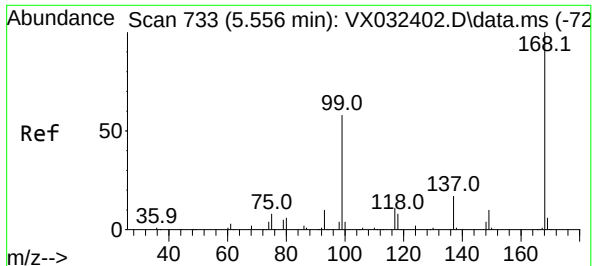
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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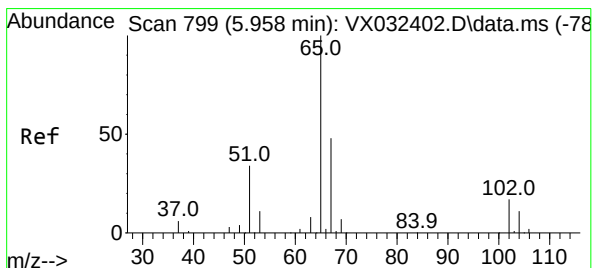
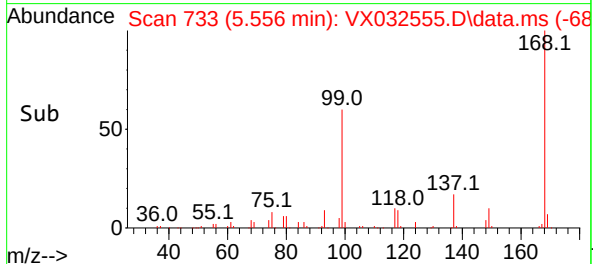
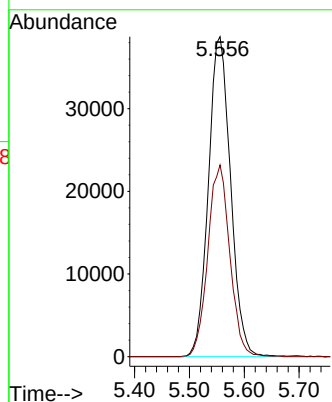
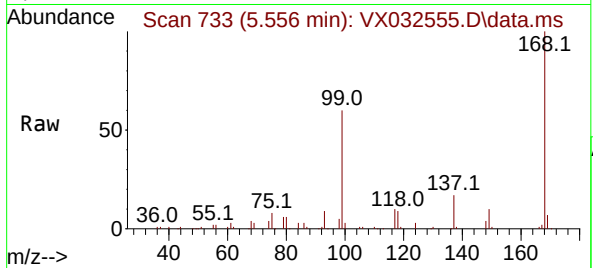




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

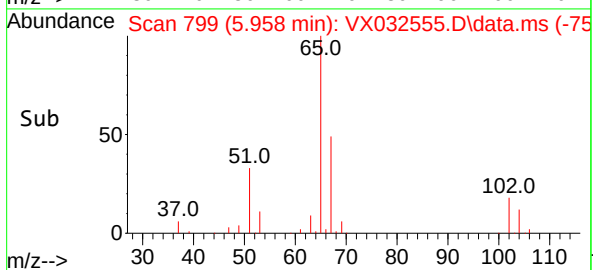
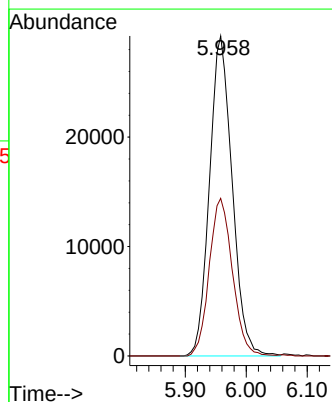
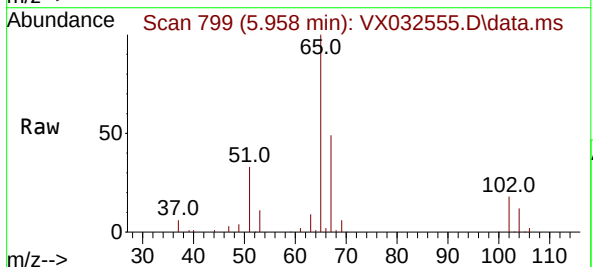
Instrument :
MSVOA_X
ClientSampleId :
506D-4

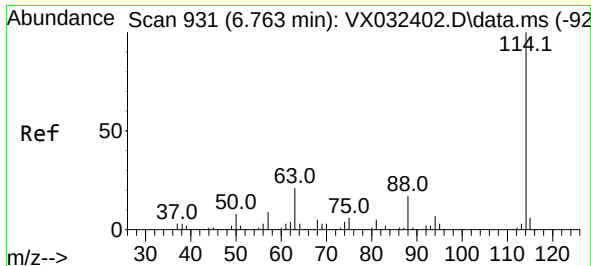
Tgt Ion:168 Resp: 108647
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 50.074 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 65 Resp: 75593
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

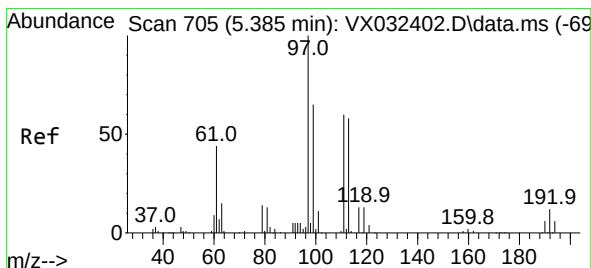
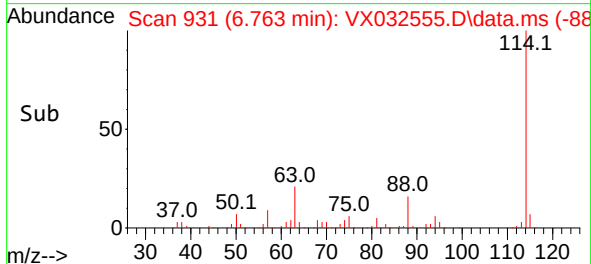
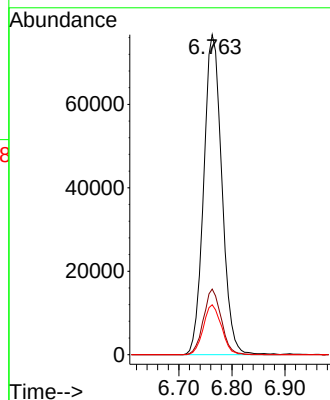
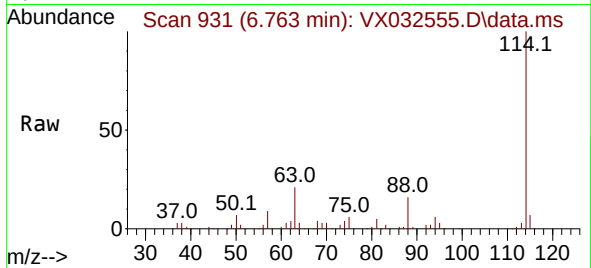




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

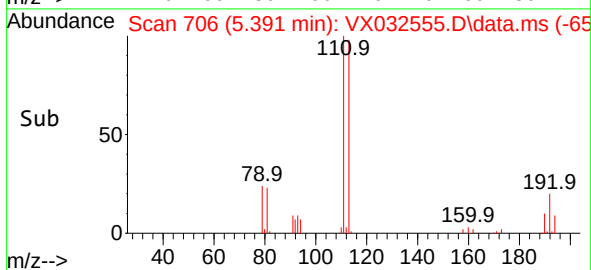
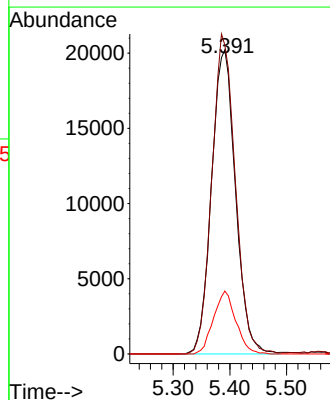
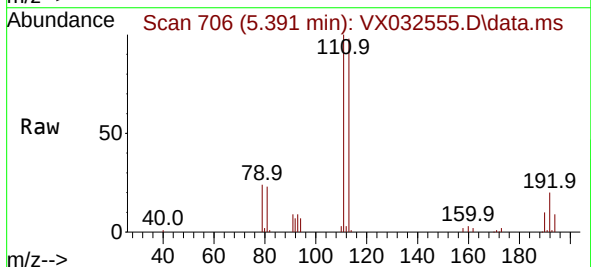
Instrument :
MSVOA_X
ClientSampleId :
506D-4

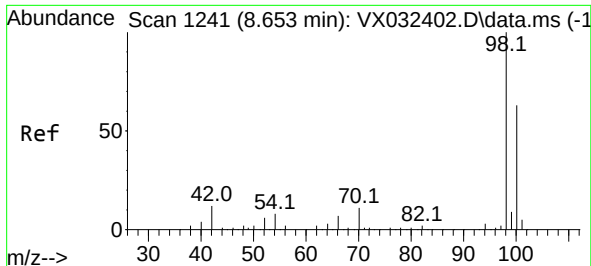
Tgt Ion:114 Resp: 182358
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.713 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion:113 Resp: 59463
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.2 15.4 23.2

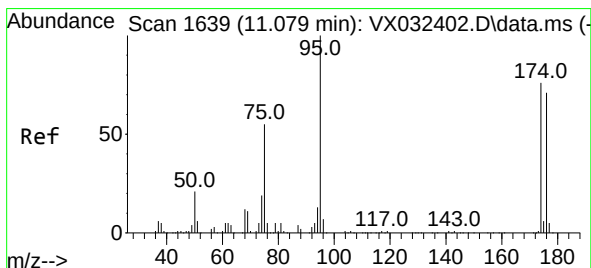
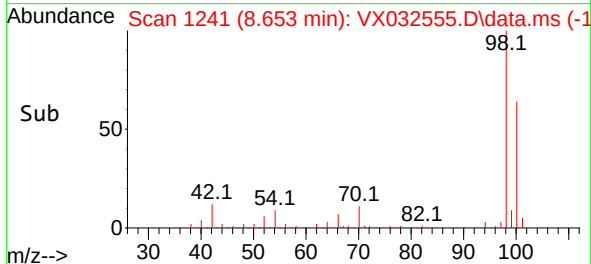
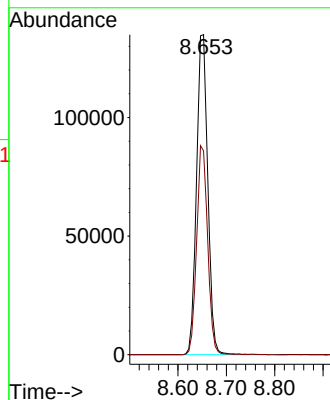
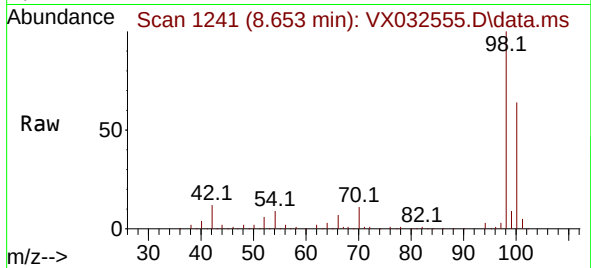




#50
Toluene-d8
Concen: 48.120 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

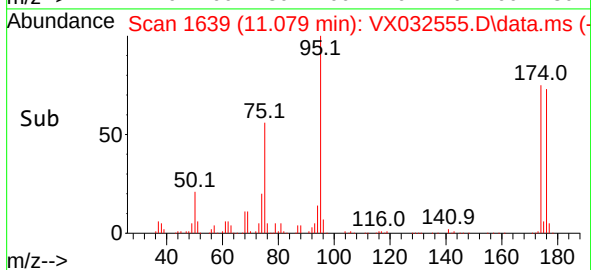
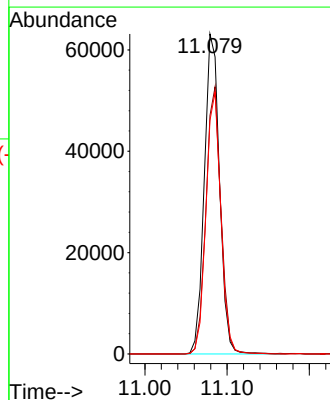
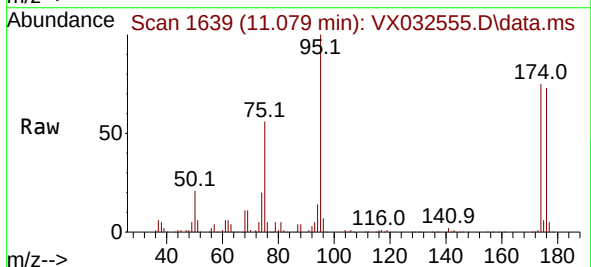
Instrument :
MSVOA_X
ClientSampleId :
506D-4

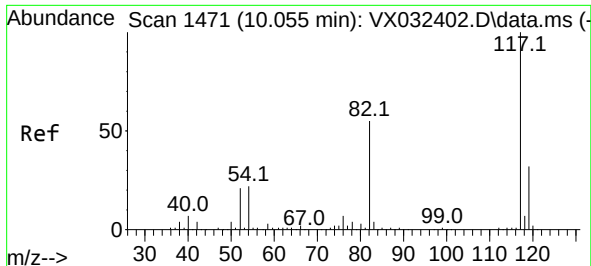
Tgt Ion: 98 Resp: 217652
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion: 95 Resp: 81230
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 80.1 0.0 154.4

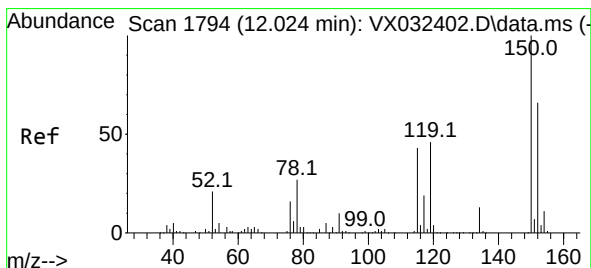
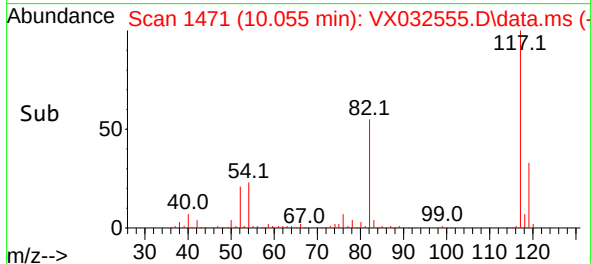
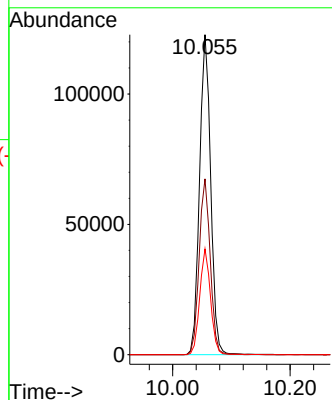
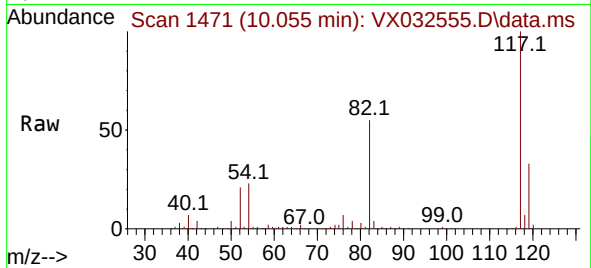




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Instrument :
MSVOA_X
ClientSampleId :
506D-4

Tgt Ion:117 Resp: 161662
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032555.D
Acq: 03 Nov 2022 14:02

Tgt Ion:152 Resp: 74261
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 159.8 0.0 351.8

