

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027677.D
 Acq On : 23 Mar 2022 19:22
 Operator : JC/MD
 Sample : N2028-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031822

Quant Time: Mar 24 04:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	348664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	533344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203315	47.335	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.680%
35) Dibromofluoromethane	5.391	113	183961	50.673	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.340%
50) Toluene-d8	8.652	98	669045	48.701	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.085	95	239142	47.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.720%

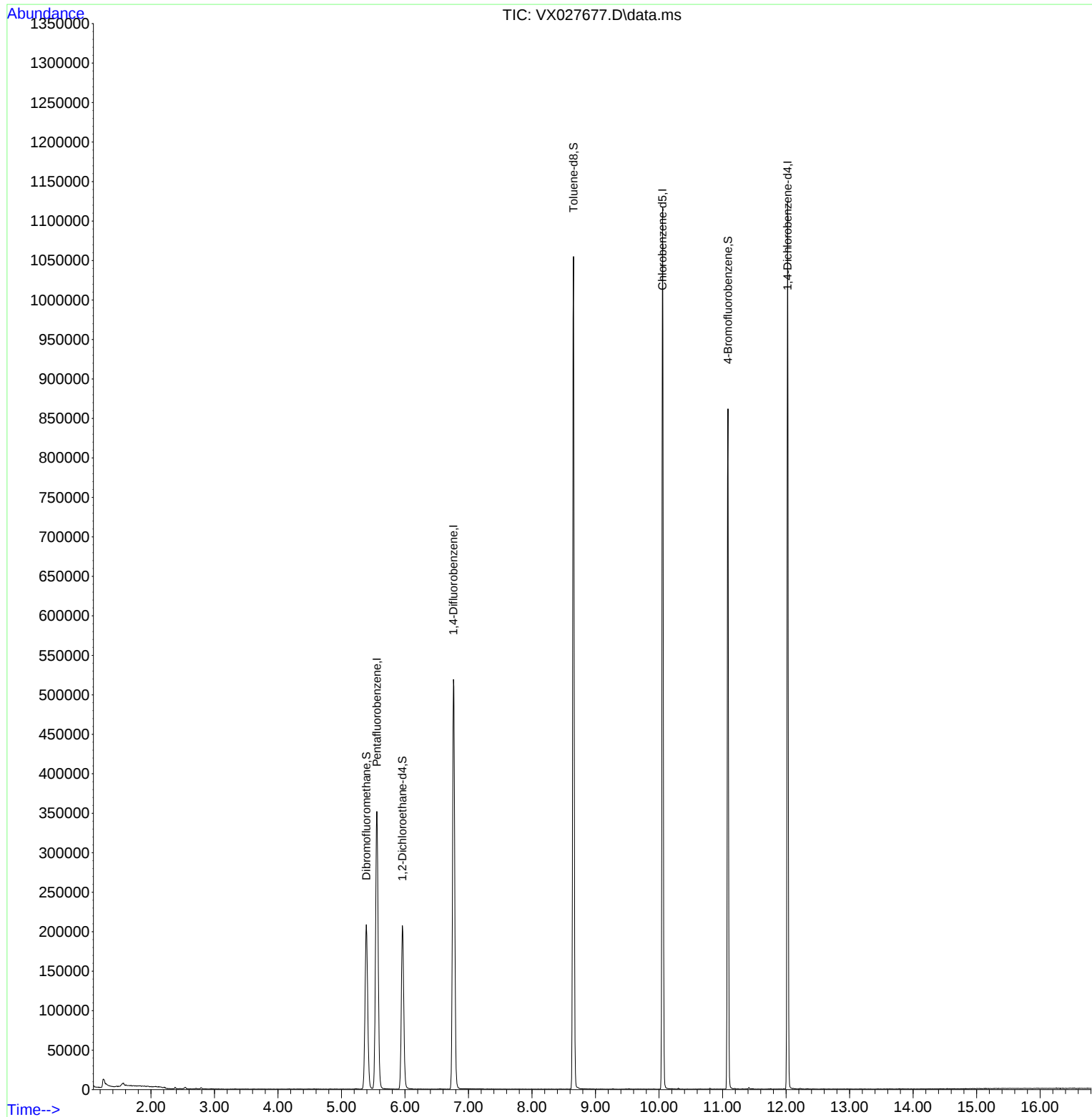
Target Compounds	Qvalue

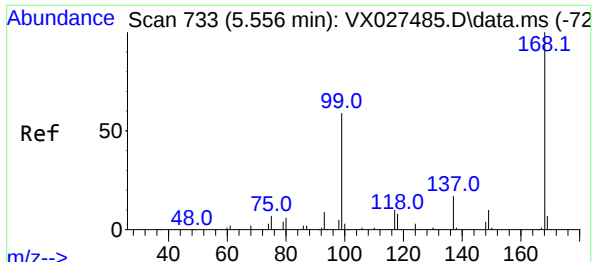
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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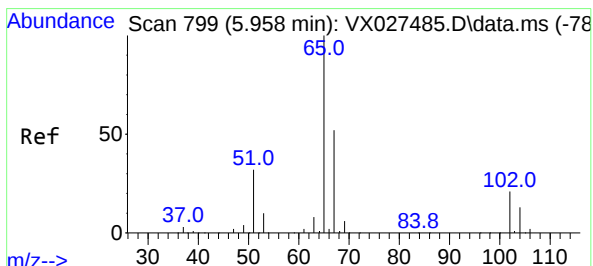
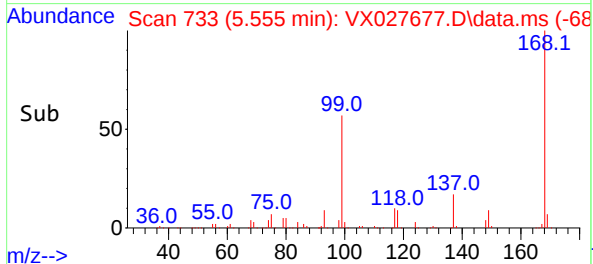
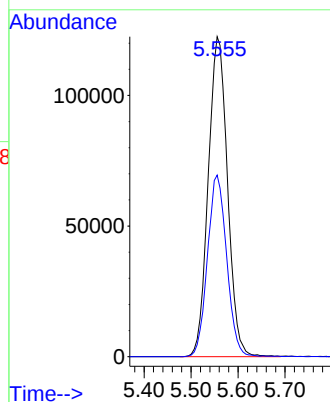
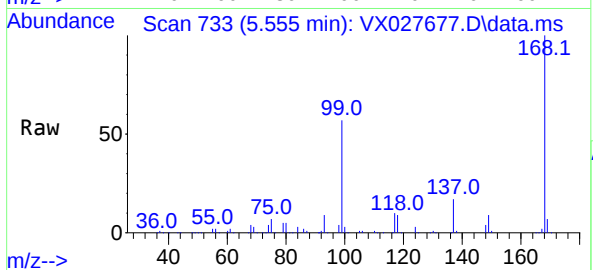




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.001 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

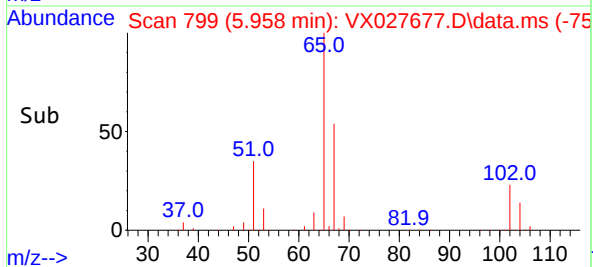
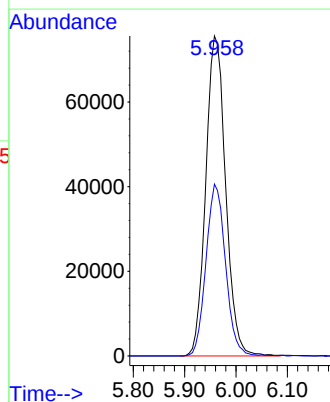
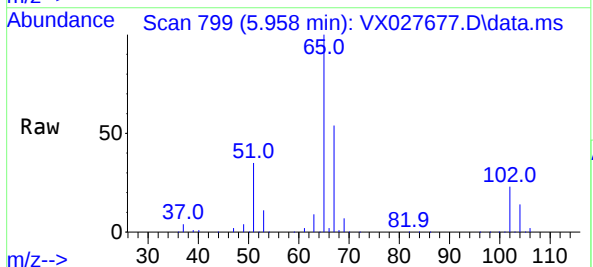
Instrument :
MSVOA_X
ClientSampleId :
FB031822

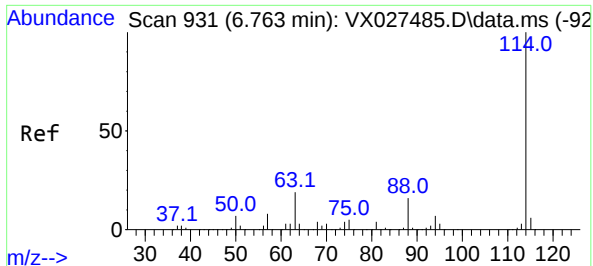
Tgt Ion:168 Resp: 348664
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 47.335 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

Tgt Ion: 65 Resp: 203315
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

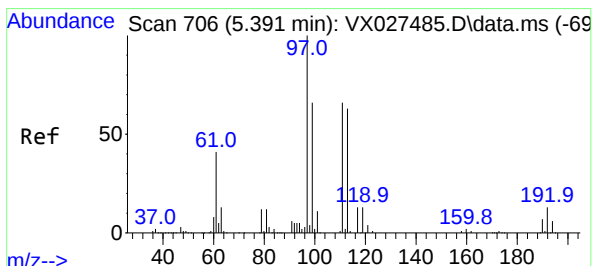
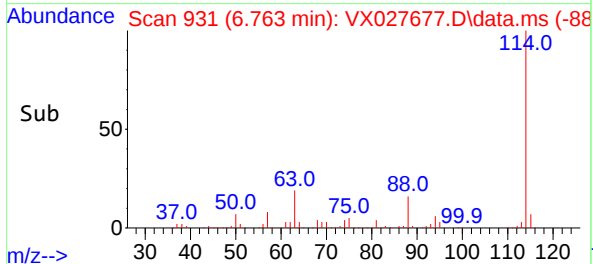
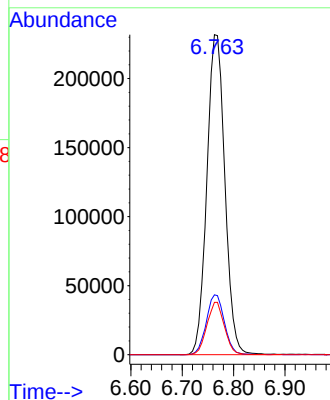
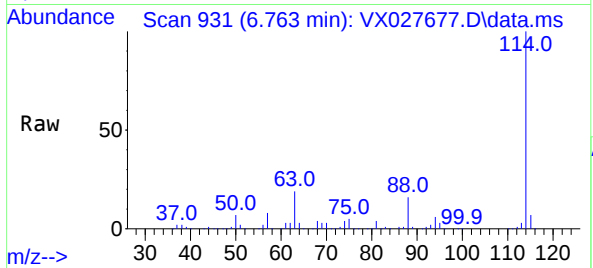




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

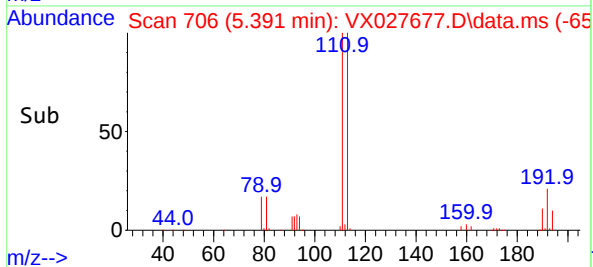
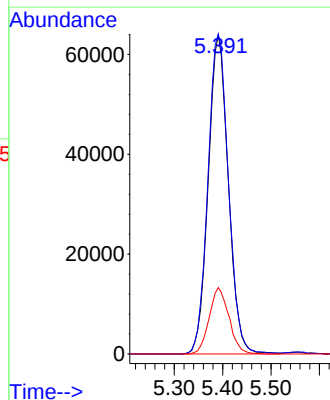
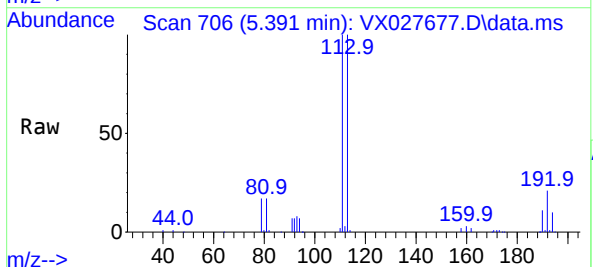
Instrument :
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ClientSampleId :
FB031822

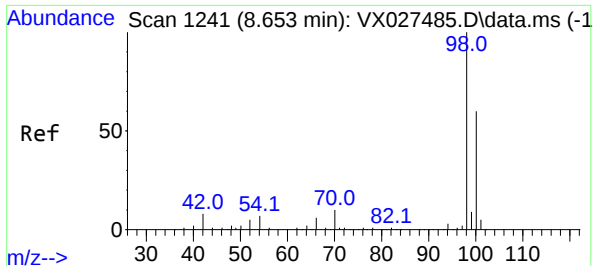
Tgt Ion:114 Resp: 564262
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.673 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

Tgt Ion:113 Resp: 183961
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.5 16.9 25.3

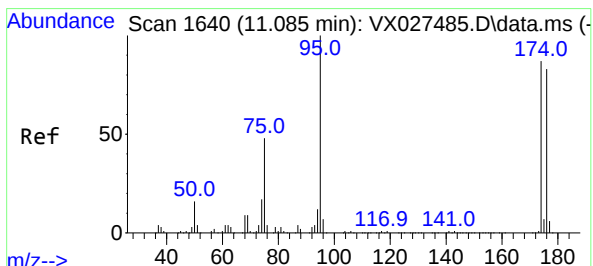
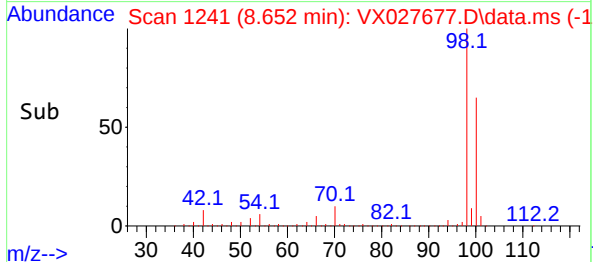
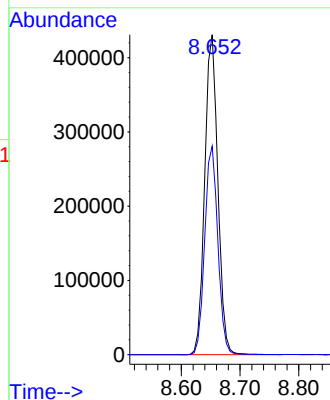
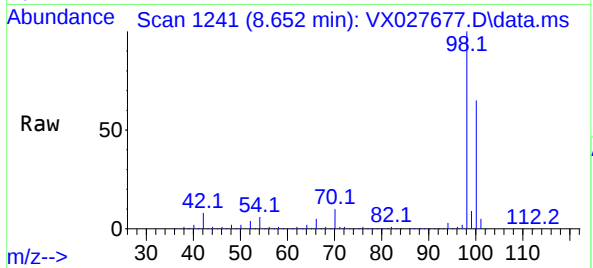




#50
Toluene-d8
Concen: 48.701 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

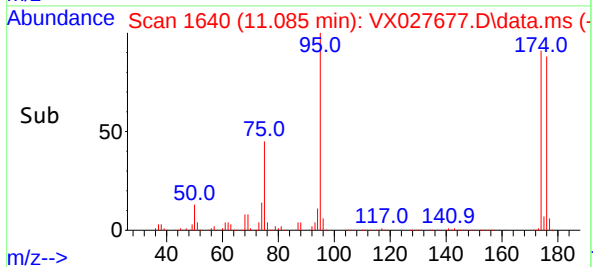
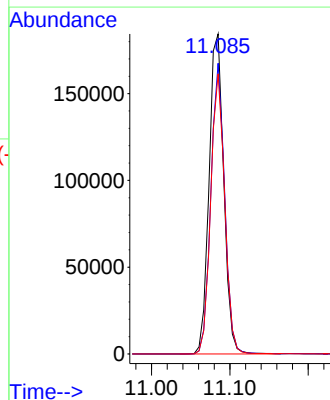
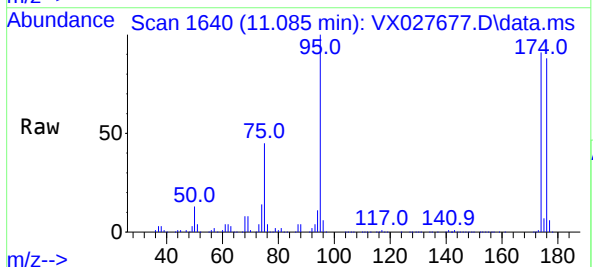
Instrument :
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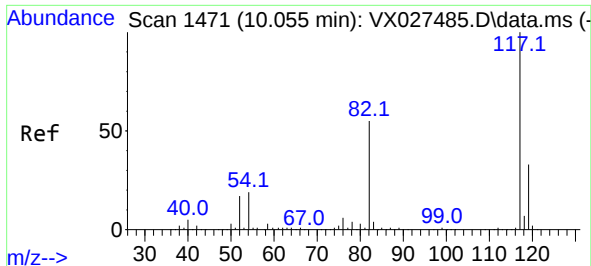
Tgt Ion: 98 Resp: 669045
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.361 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

Tgt Ion: 95 Resp: 239142
Ion Ratio Lower Upper
95 100
174 85.6 0.0 163.0
176 83.7 0.0 155.0

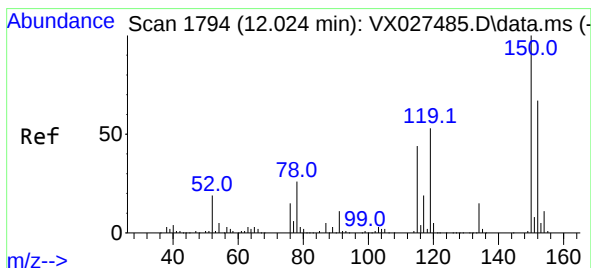
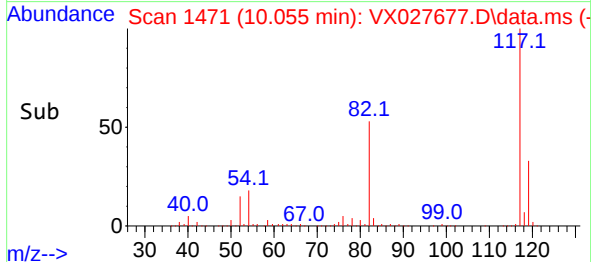
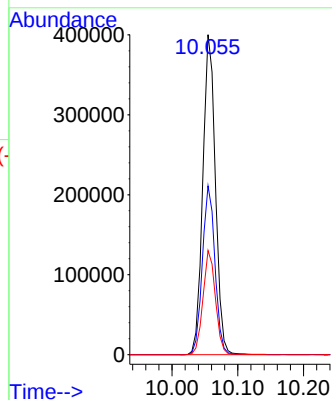
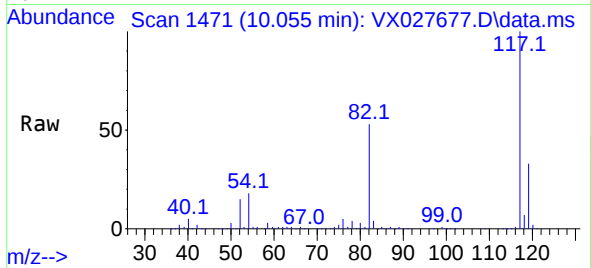




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

Instrument :
MSVOA_X
ClientSampleId :
FB031822

Tgt Ion:117 Resp: 533344
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027677.D
Acq: 23 Mar 2022 19:22

Tgt Ion:152 Resp: 236431
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 156.5 0.0 338.2

