

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031702.D
 Acq On : 27 Sep 2022 15:12
 Operator : JC/MD
 Sample : N4833-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 004-2

Quant Time: Sep 28 06:30:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65426	54.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.320%
35) Dibromofluoromethane	5.385	113	50612	47.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.653	98	188647	48.917	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	63876	45.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.380%

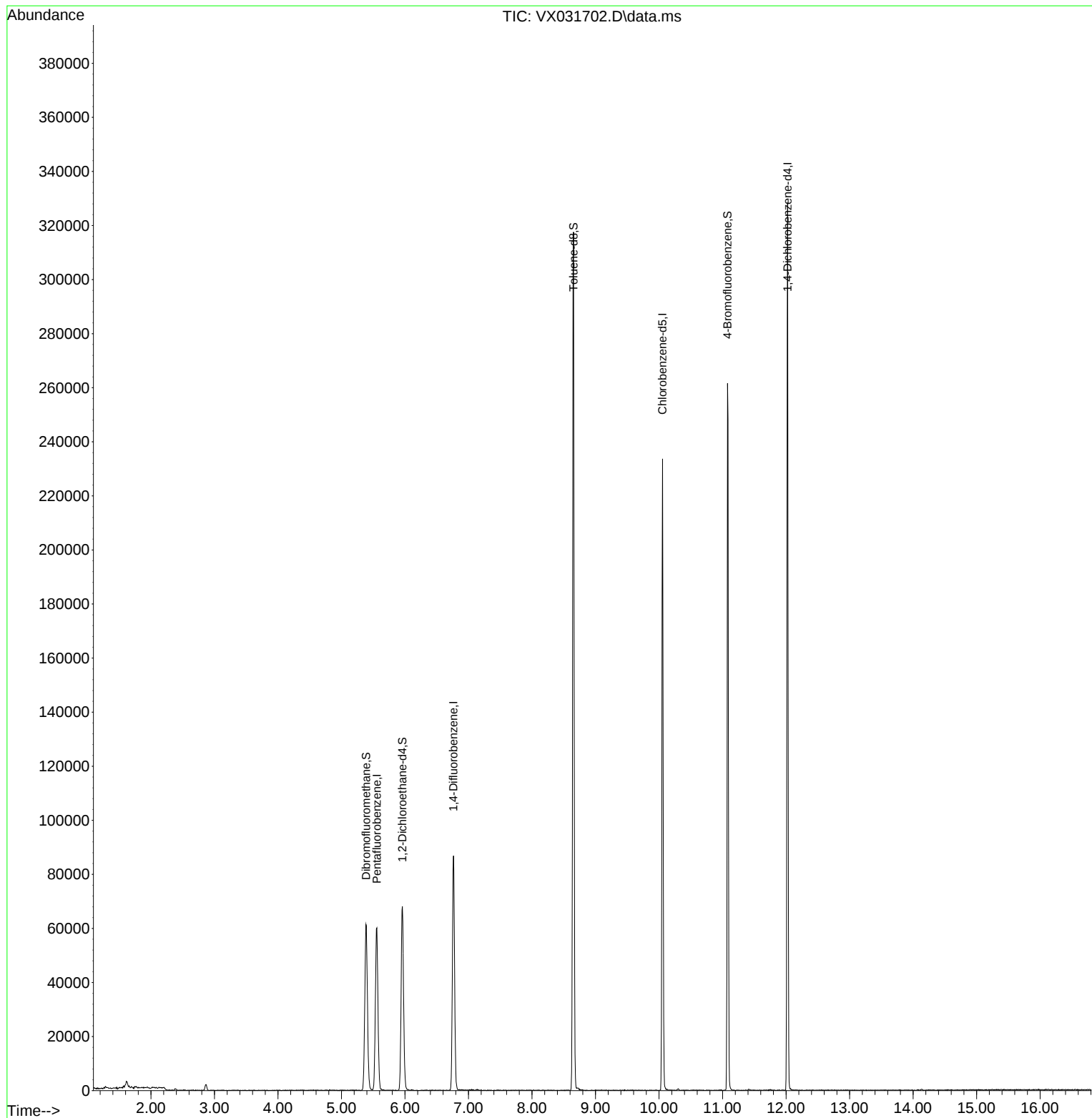
Target Compounds	Qvalue

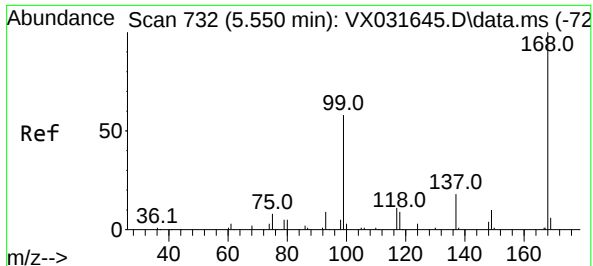
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX031702.D
 Acq: 27 Sep 2022 15:12

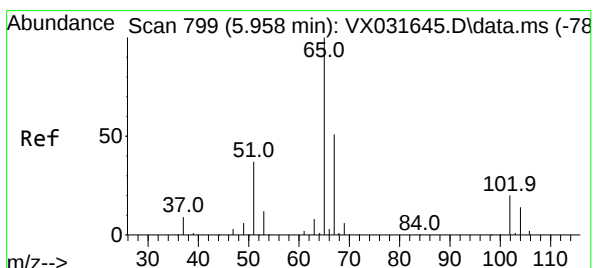
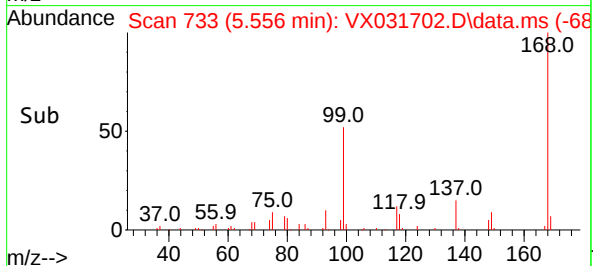
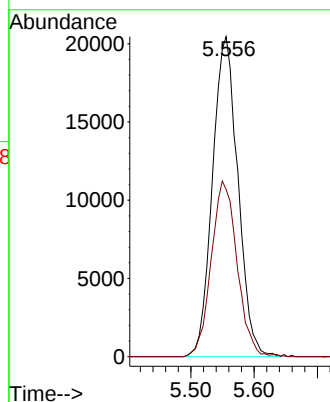
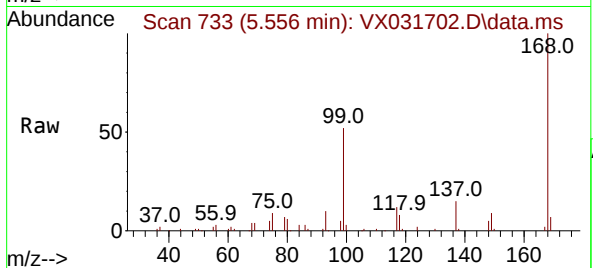
Instrument :

MSVOA_X

ClientSampleId :

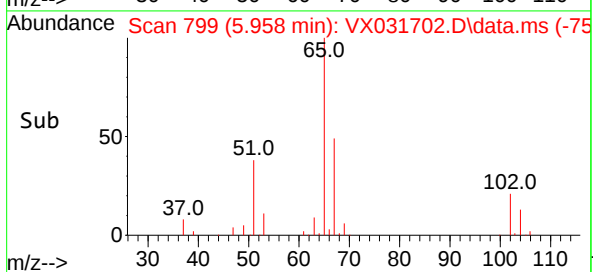
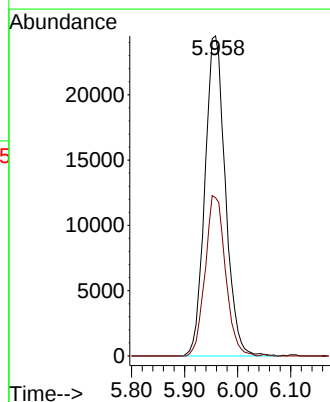
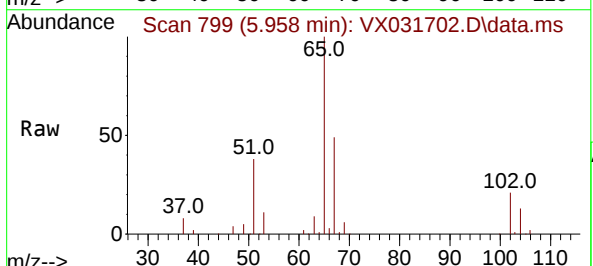
004-2

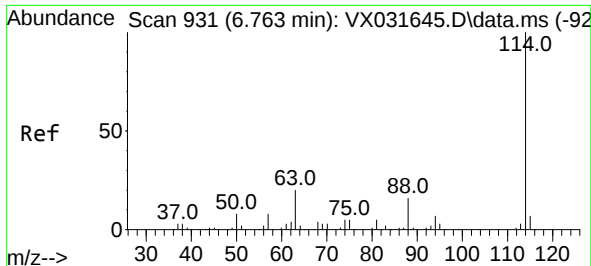
Tgt Ion:168 Resp: 56914
 Ion Ratio Lower Upper
 168 100
 99 52.3 48.8 73.2



#33
 1,2-Dichloroethane-d4
 Concen: 54.163 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031702.D
 Acq: 27 Sep 2022 15:12

Tgt Ion: 65 Resp: 65426
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.4

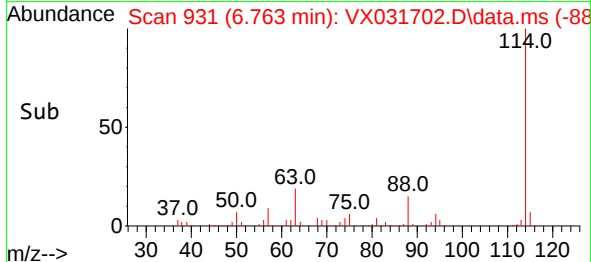
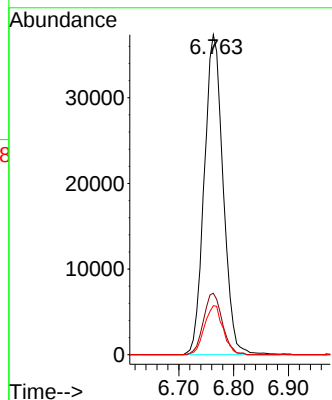
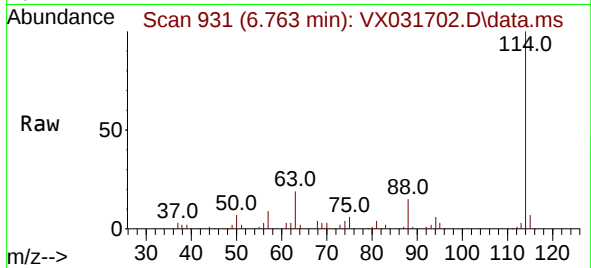




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

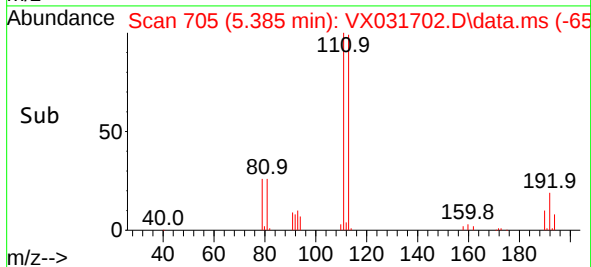
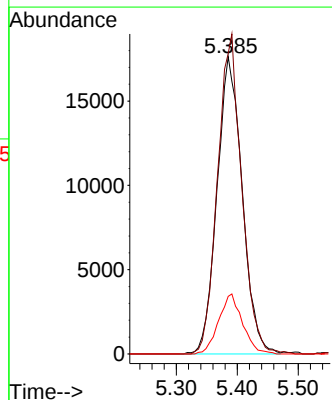
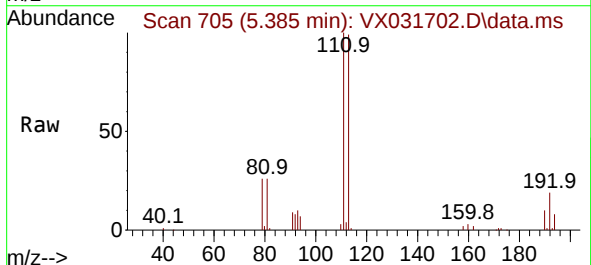
Instrument :
MSVOA_X
ClientSampleId :
004-2

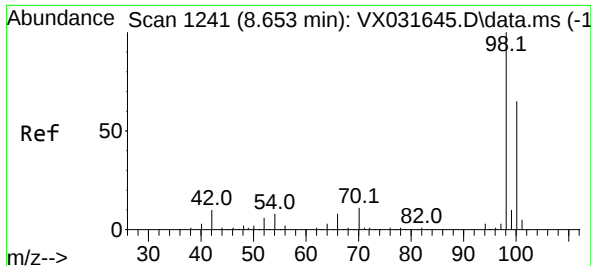
Tgt Ion:114 Resp: 89276
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion:113 Resp: 50612
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.1 14.1 21.1

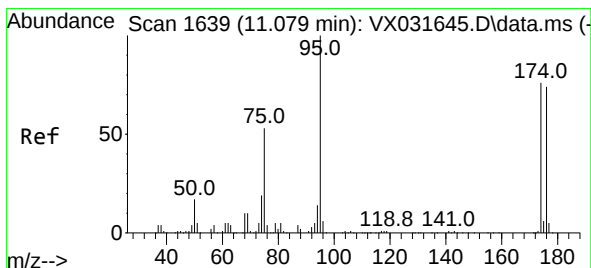
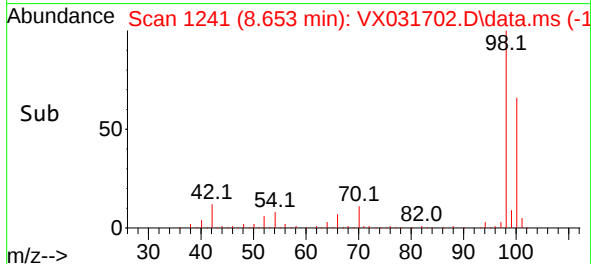
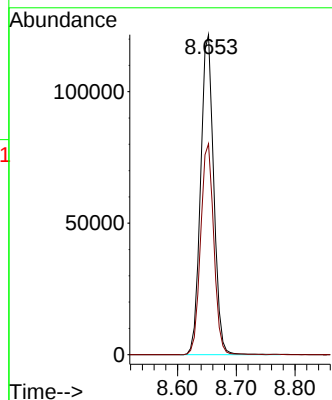
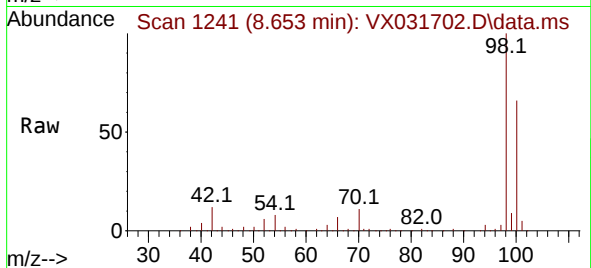




#50
Toluene-d8
Concen: 48.917 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

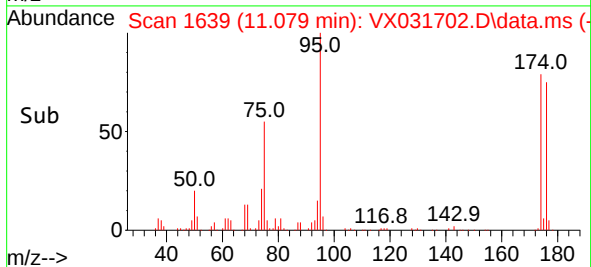
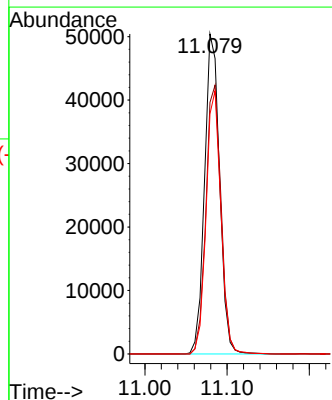
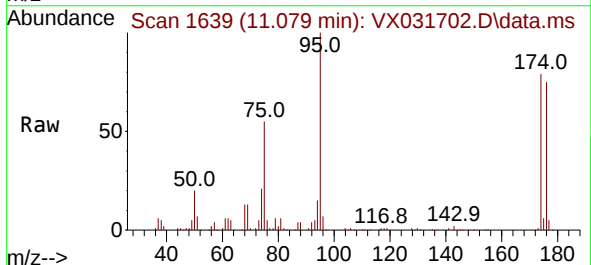
Instrument :
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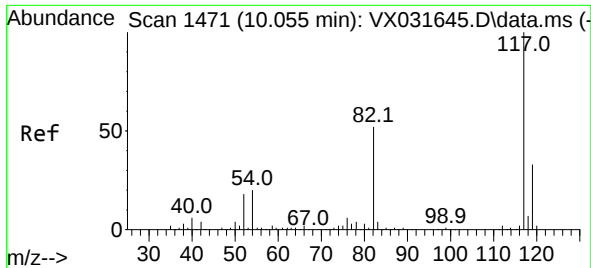
Tgt Ion: 98 Resp: 188647
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 95 Resp: 63876
Ion Ratio Lower Upper
95 100
174 85.2 0.0 153.2
176 81.1 0.0 144.0

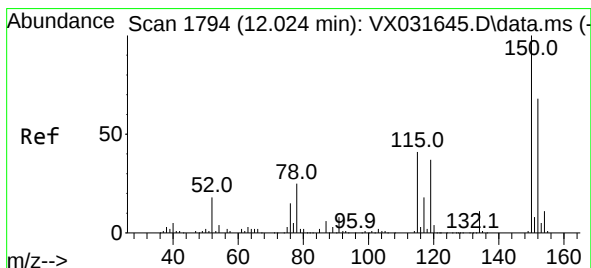
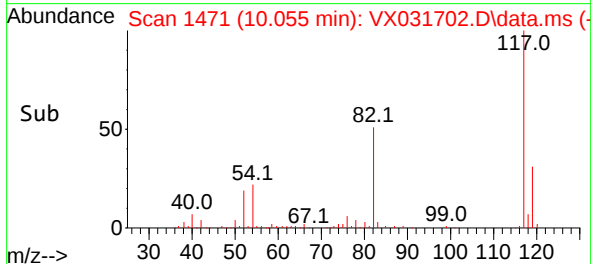
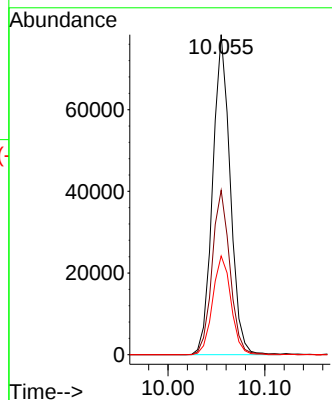
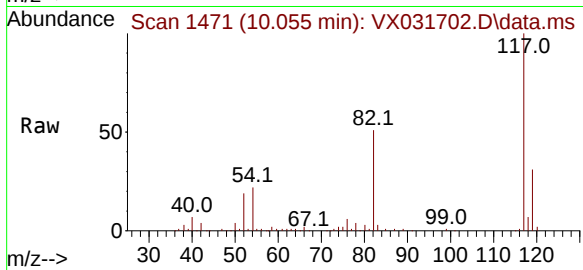




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Instrument :
MSVOA_X
ClientSampleId :
004-2

Tgt Ion:117 Resp: 98786
Ion Ratio Lower Upper
117 100
82 51.4 46.8 70.2
119 30.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion:152 Resp: 64281
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 155.1 0.0 346.8

