

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029321.D
 Acq On : 08 Jun 2022 15:14
 Operator : JC/MD
 Sample : PB145329TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB145329TB

Quant Time: Jun 09 07:00:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	289502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	280020	64.034	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	128.060%
35) Dibromofluoromethane	5.385	113	224400	54.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.720%
50) Toluene-d8	8.653	98	827713	57.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	114.420%
62) 4-Bromofluorobenzene	11.085	95	310332	54.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.620%

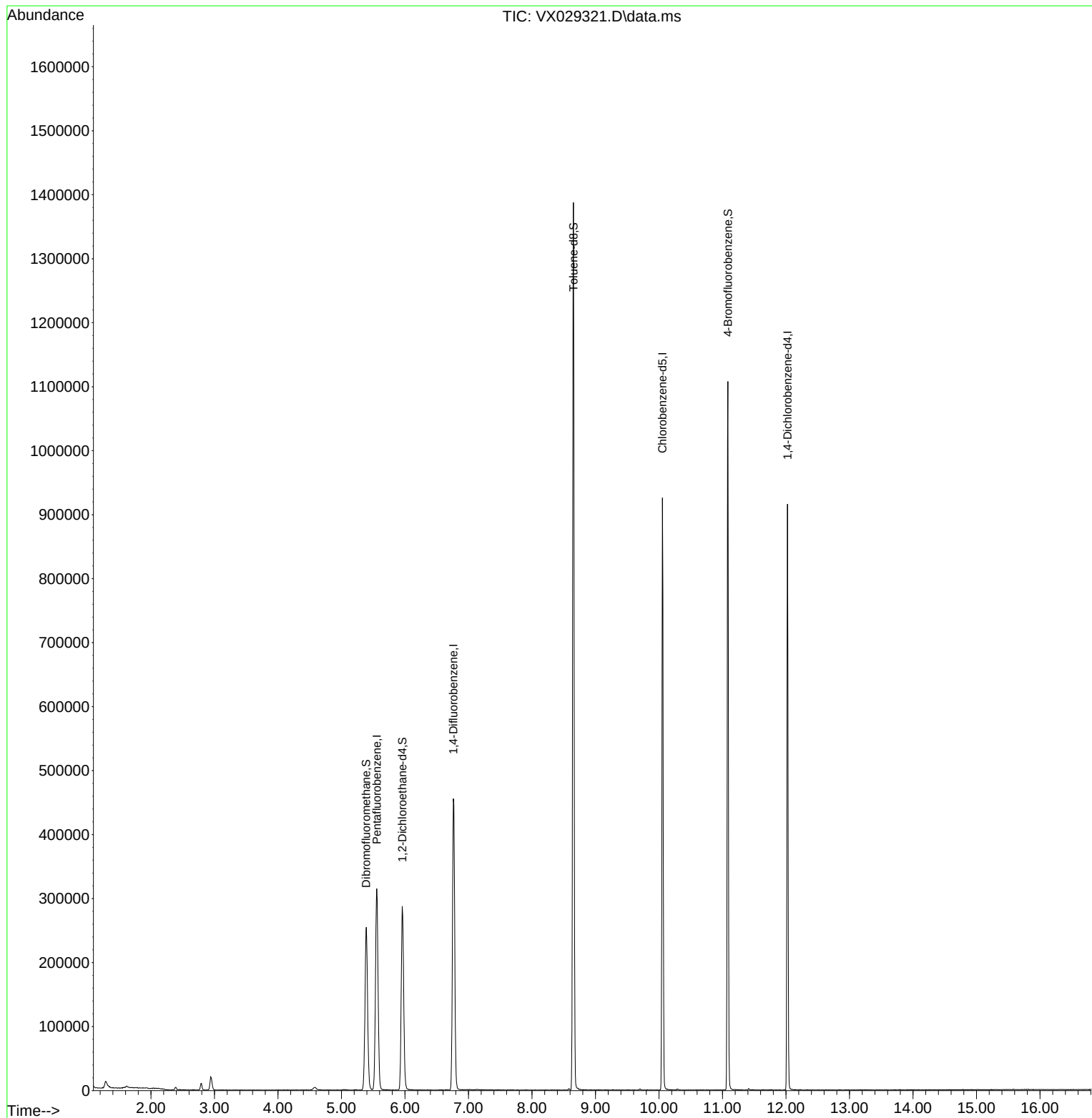
Target Compounds	Qvalue

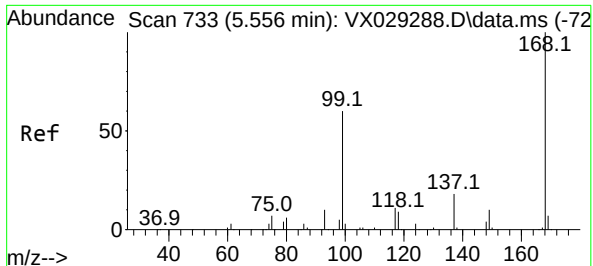
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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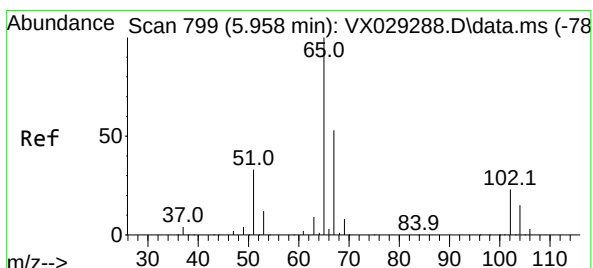
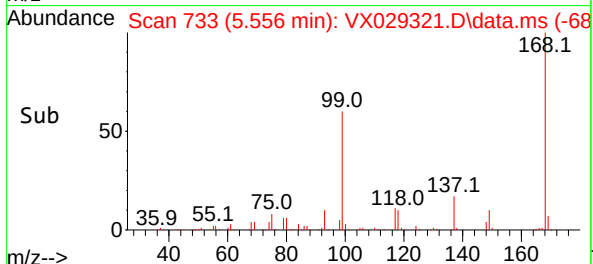
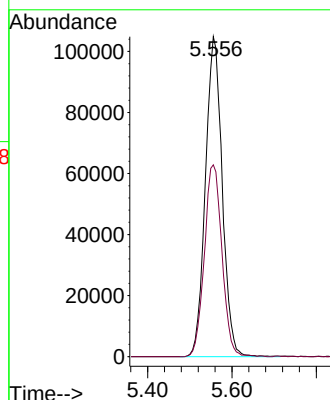
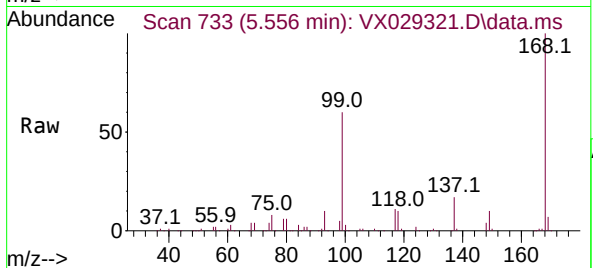




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

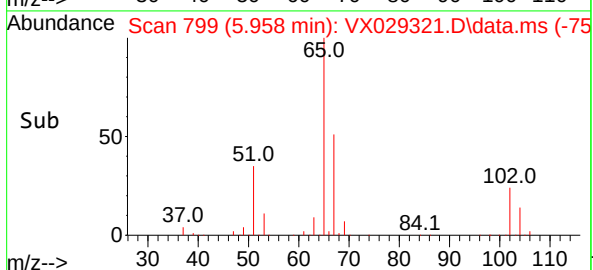
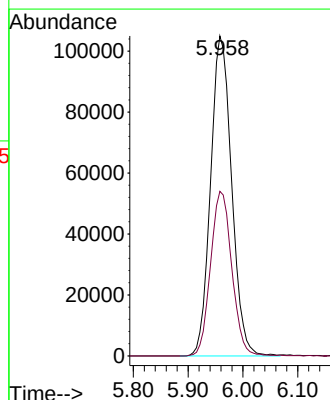
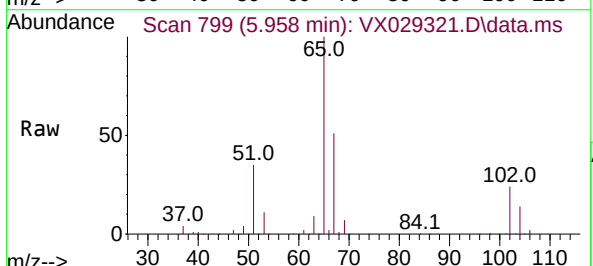
Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

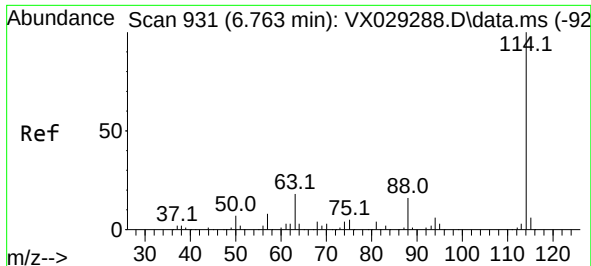
Tgt Ion:168 Resp: 289502
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.034 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 65 Resp: 280020
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

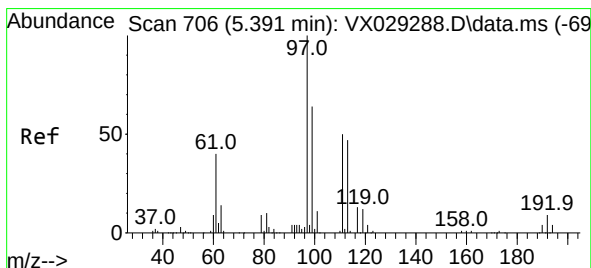
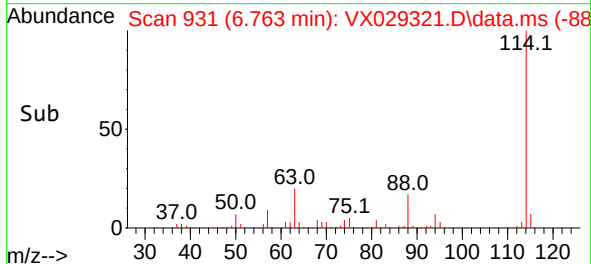
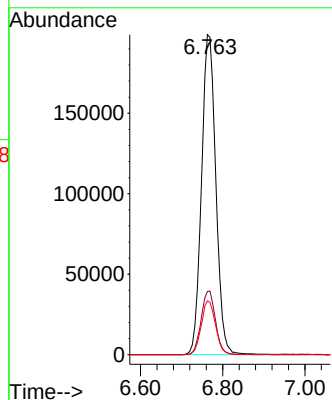
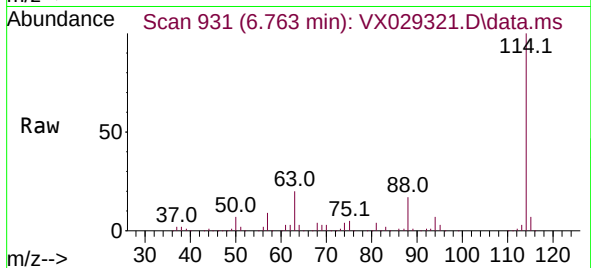




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029321.D
 Acq: 08 Jun 2022 15:14

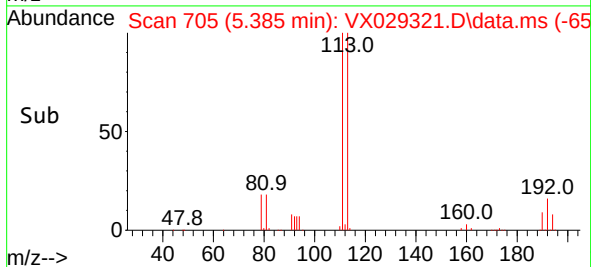
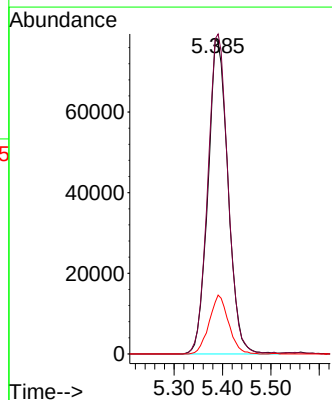
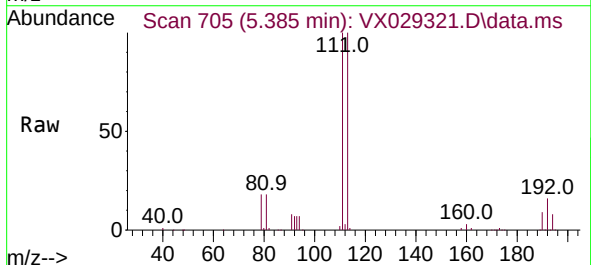
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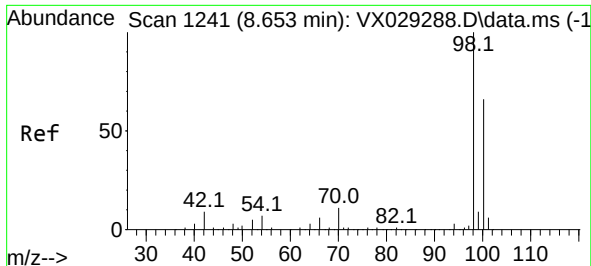
Tgt Ion:114 Resp: 481165
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.8
 88 16.8 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 54.858 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX029321.D
 Acq: 08 Jun 2022 15:14

Tgt Ion:113 Resp: 224400
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 18.0 16.9 25.3

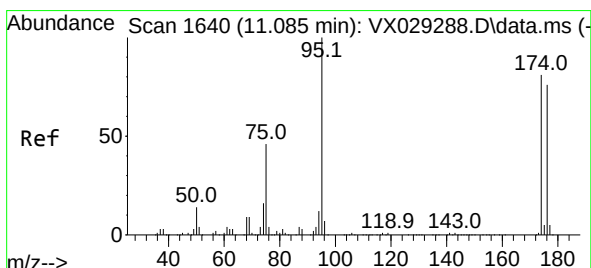
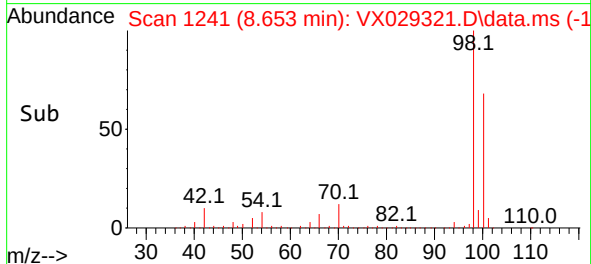
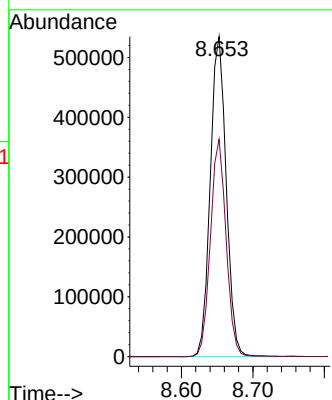
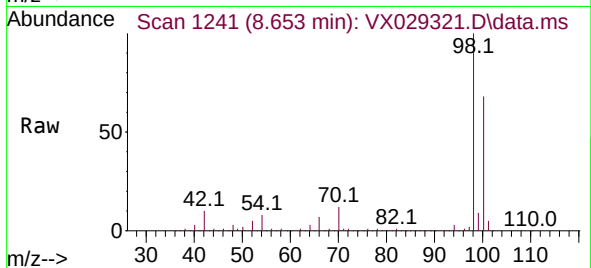




#50
Toluene-d8
Concen: 57.213 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

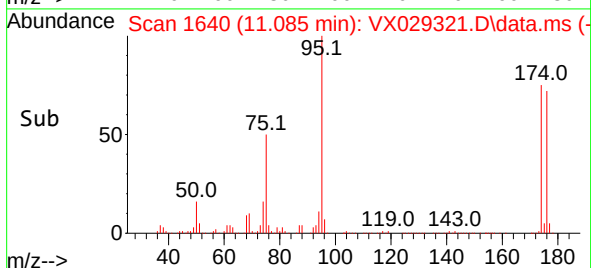
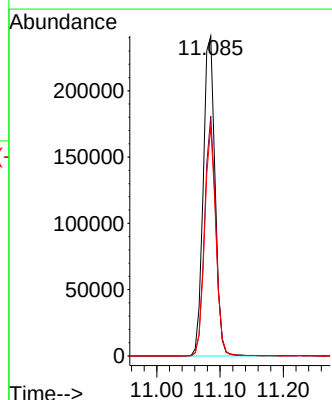
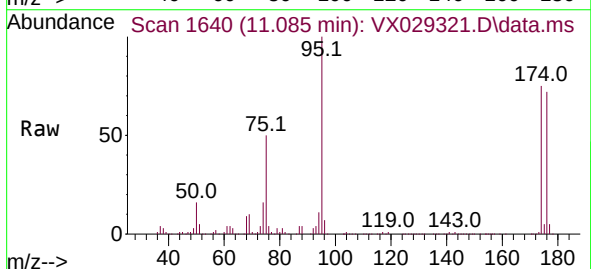
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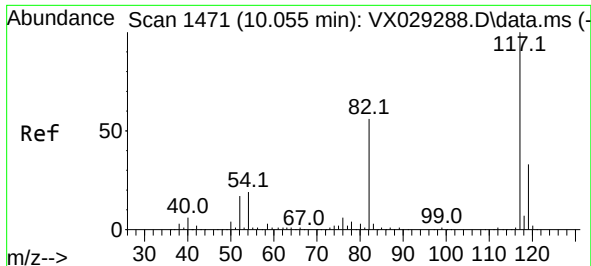
Tgt Ion: 98 Resp: 827713
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.814 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion: 95 Resp: 310332
Ion Ratio Lower Upper
95 100
174 71.5 0.0 163.0
176 68.1 0.0 155.0

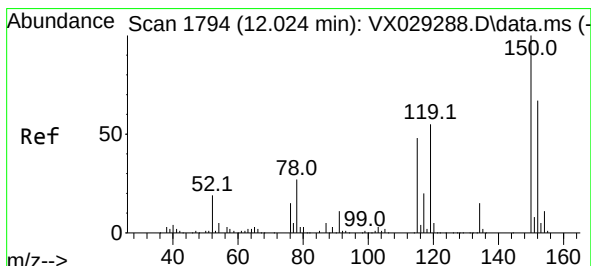
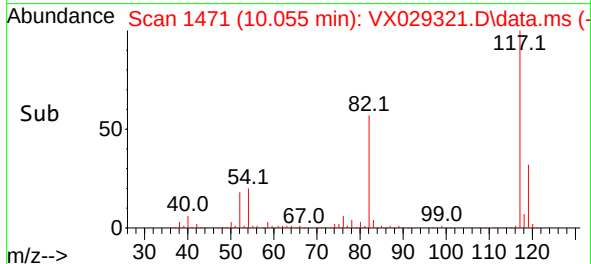
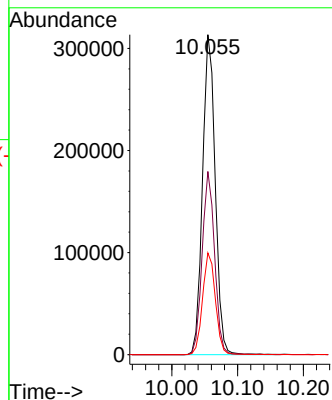
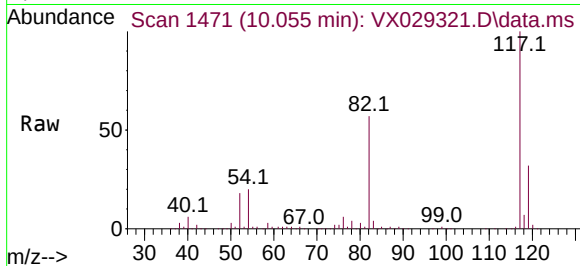




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029321.D
Acq: 08 Jun 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
PB145329TB

Tgt Ion:117 Resp: 420302
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 31.8 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: VX029321.D
Acq: 08 Jun 2022 15:14

Tgt Ion:152 Resp: 180841
Ion Ratio Lower Upper
152 100
115 64.4 37.5 112.7
150 156.3 0.0 338.2

