

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038843.D
 Acq On : 16 Nov 2023 17:26
 Operator : JC/MD
 Sample : VX1116WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBL02

Quant Time: Nov 16 23:04:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97659	45.474	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	86091	44.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	348281	46.570	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.079	95	146546	48.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%

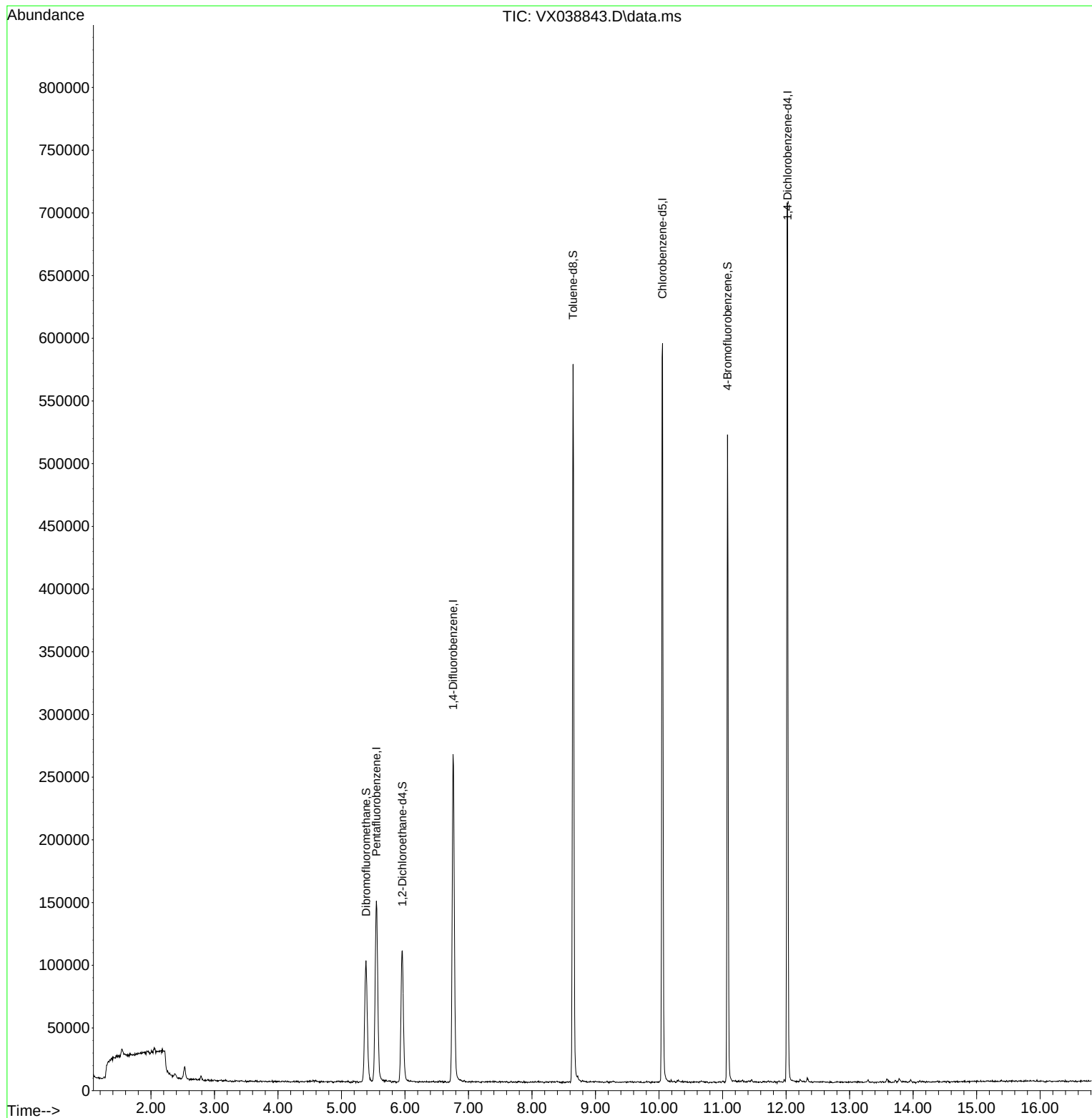
Target Compounds	Qvalue

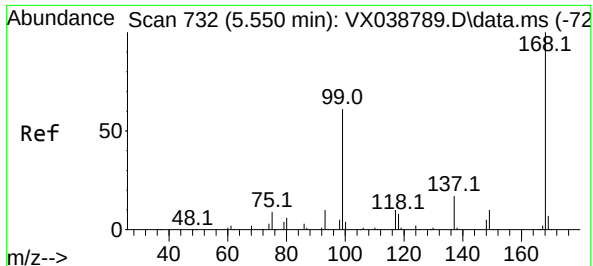
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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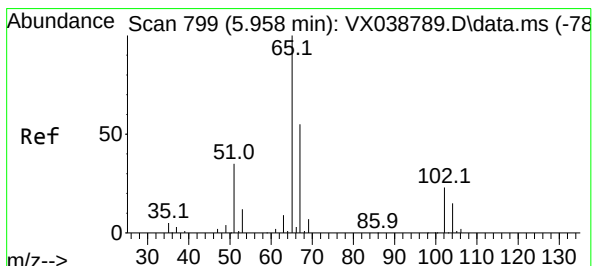
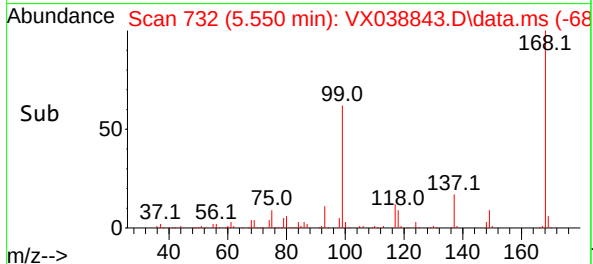
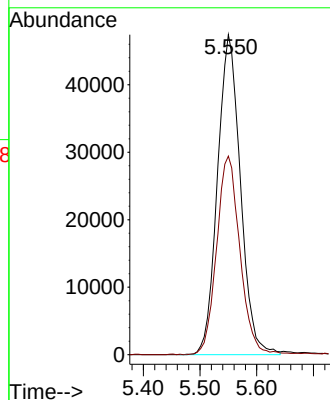
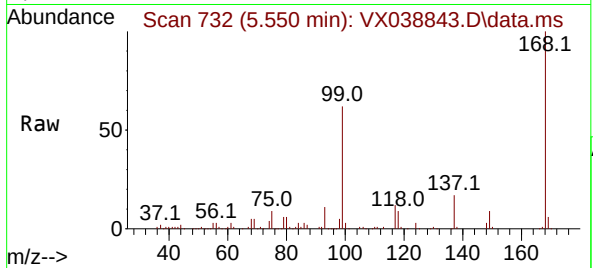




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

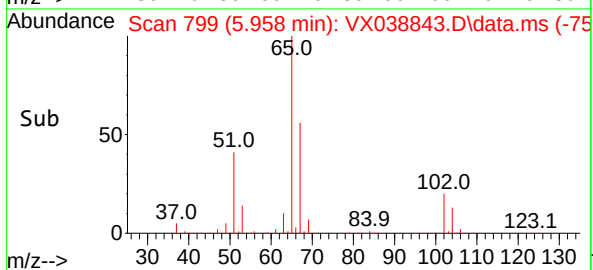
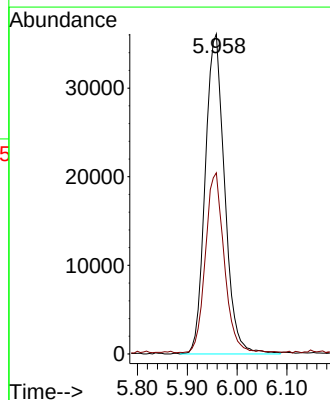
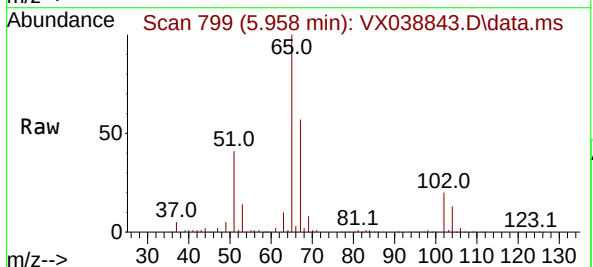
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBL02

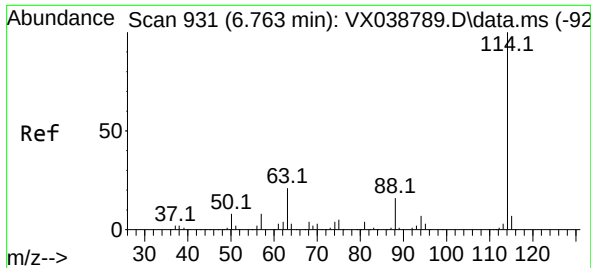
Tgt Ion:168 Resp: 133279
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.474 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 65 Resp: 97659
Ion Ratio Lower Upper
65 100
67 54.9 0.0 100.2

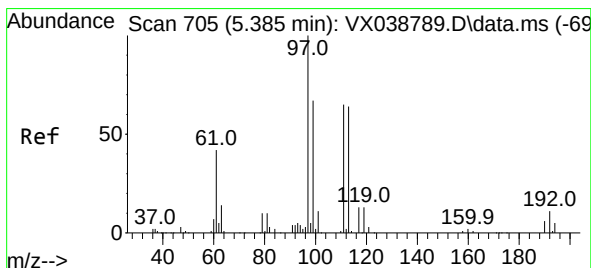
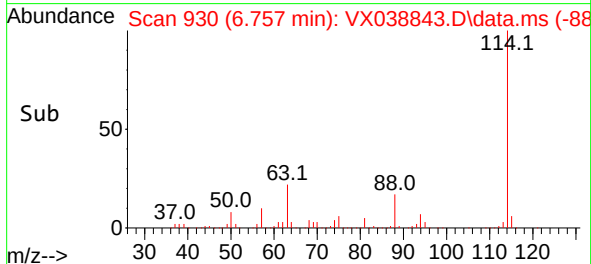
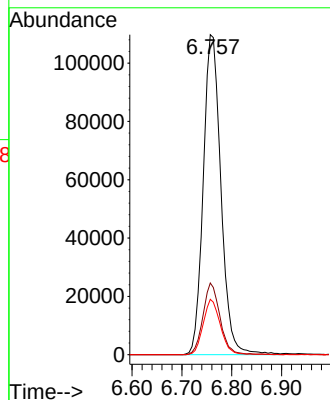
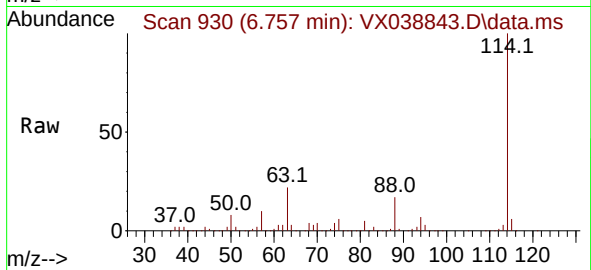




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

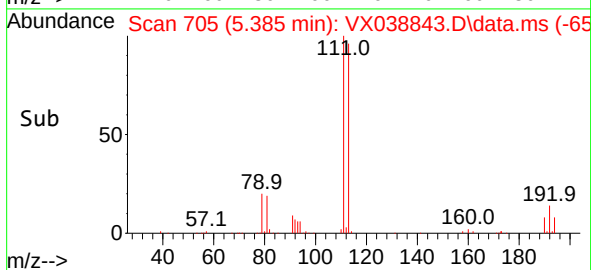
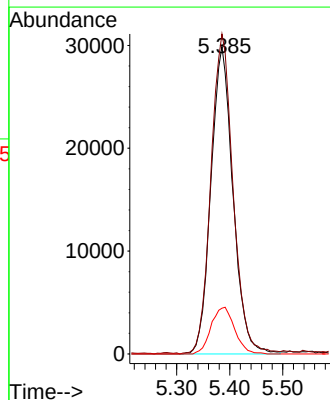
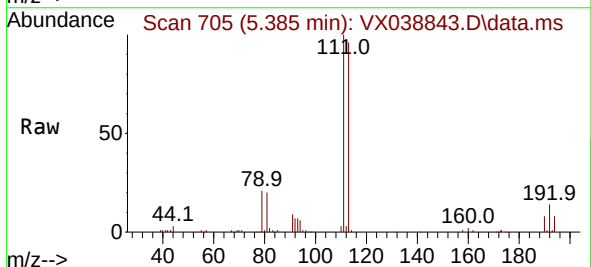
Instrument :
MSVOA_X
ClientSampleId :
VX1116WBL02

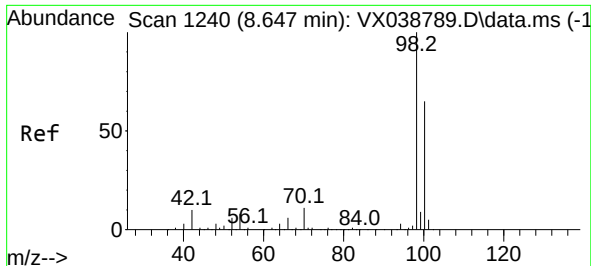
Tgt Ion:114 Resp: 270646
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion:113 Resp: 86091
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 16.2 13.3 19.9

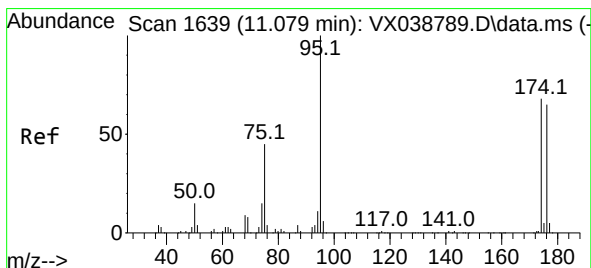
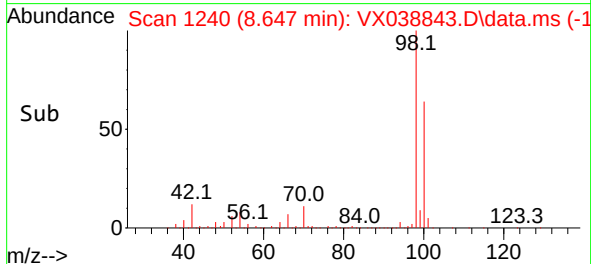
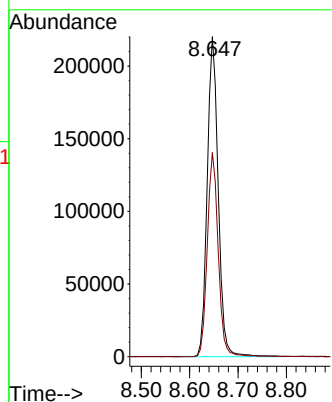
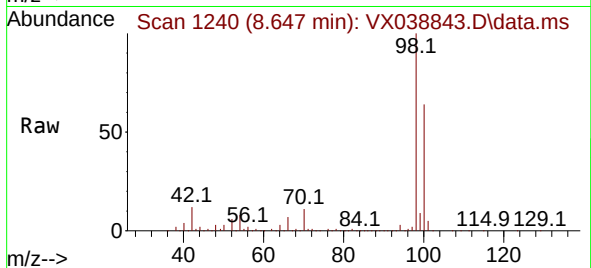




#50
Toluene-d8
Concen: 46.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

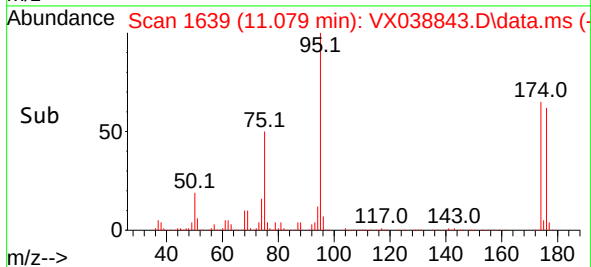
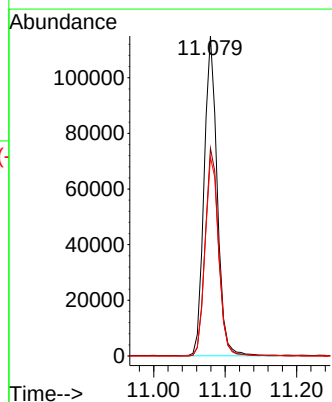
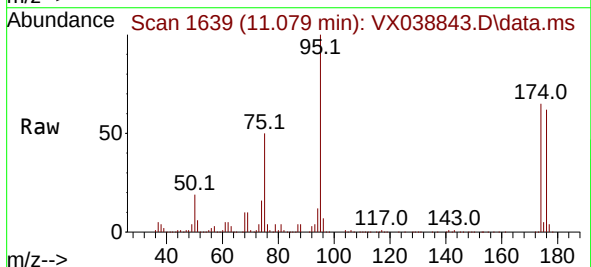
Instrument :
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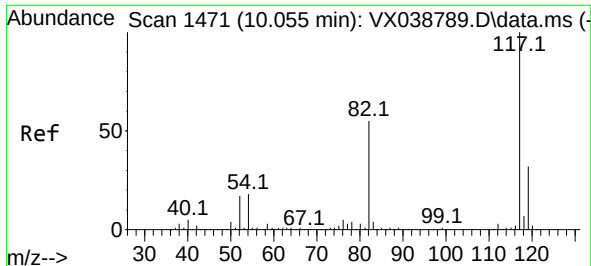
Tgt Ion: 98 Resp: 348281
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion: 95 Resp: 146546
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 64.8 0.0 131.0

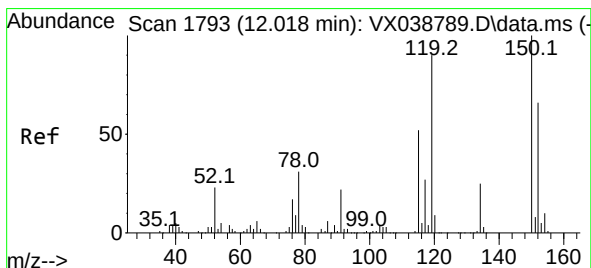
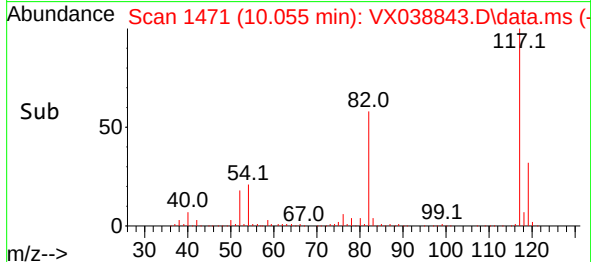
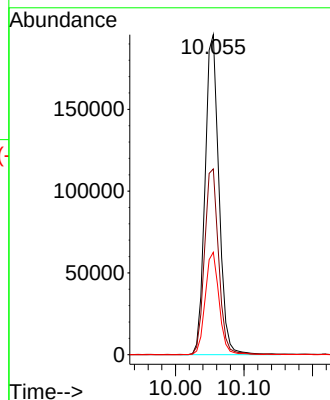
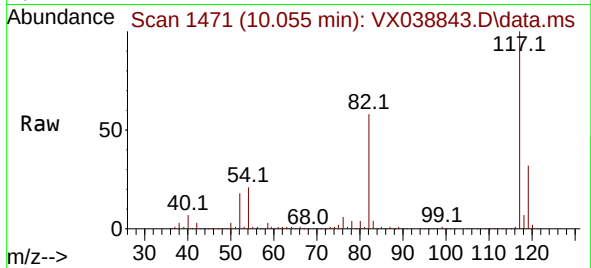




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX1116WBL02

Tgt Ion:117 Resp: 275988
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038843.D
Acq: 16 Nov 2023 17:26

Tgt Ion:152 Resp: 139892
Ion Ratio Lower Upper
152 100
115 64.8 43.3 129.9
150 157.5 0.0 345.0

