

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032541.D
 Acq On : 02 Nov 2022 16:26
 Operator : JC/MD
 Sample : N4955-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 03 03:14:28 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)

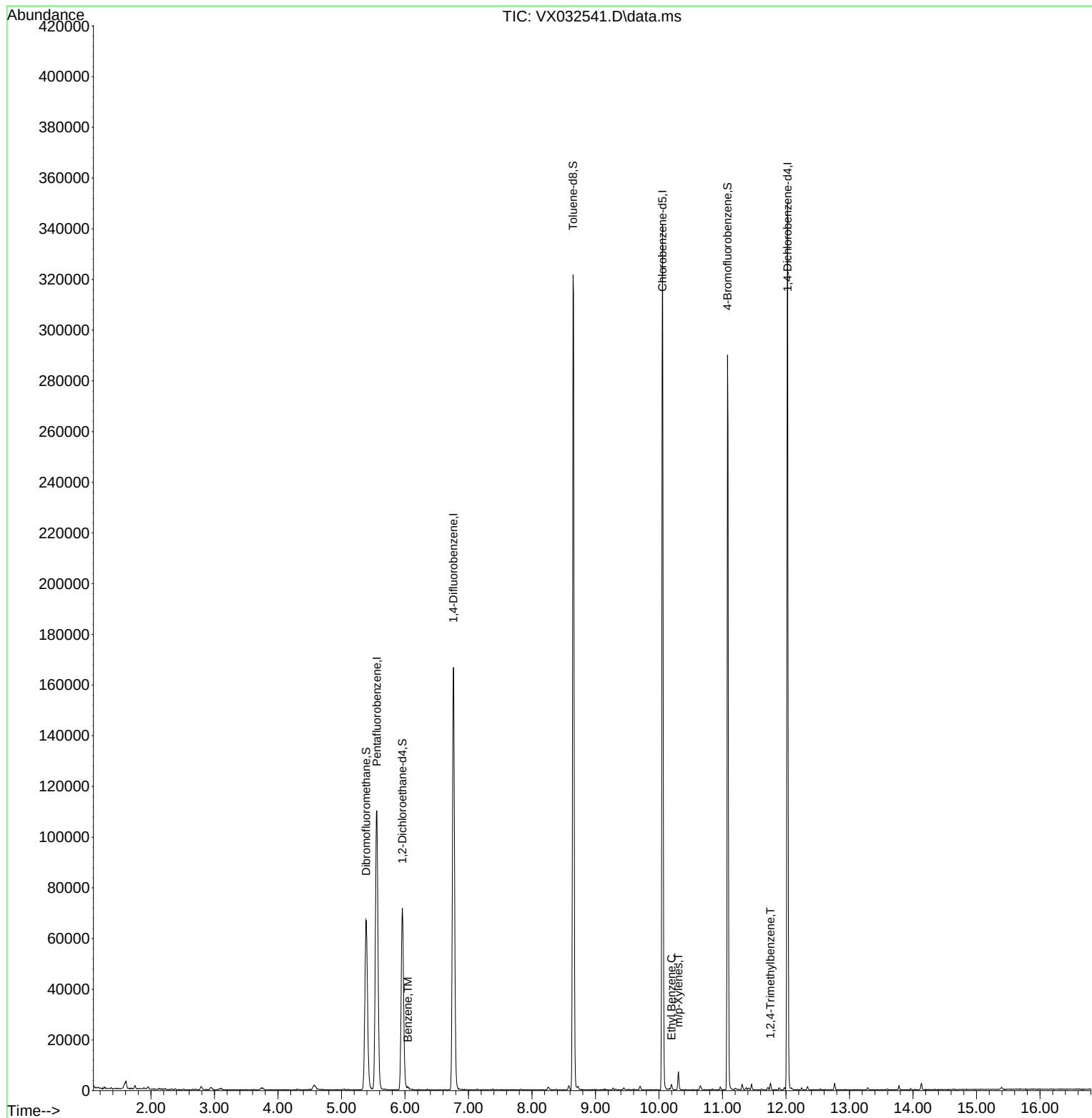
Internal Standards						
1) Pentafluorobenzene	5.556	168	105520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71102	48.495	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.980%
35) Dibromofluoromethane	5.385	113	57774	48.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	8.647	98	193540	46.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.079	95	71861	44.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.280%
Target Compounds						
					Qvalue	
40) Benzene	6.044	78	1174	0.249	ug/l #	89
67) Ethyl Benzene	10.195	91	1560	0.263	ug/l #	85
68) m/p-Xylenes	10.305	106	1541	0.668	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	1371	0.289	ug/l	99

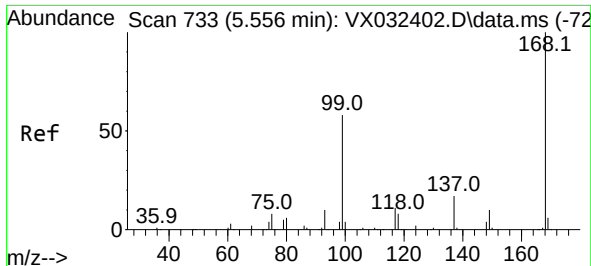
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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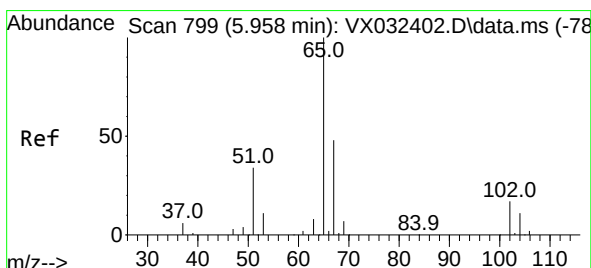
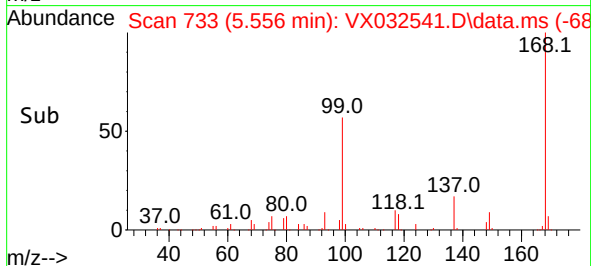
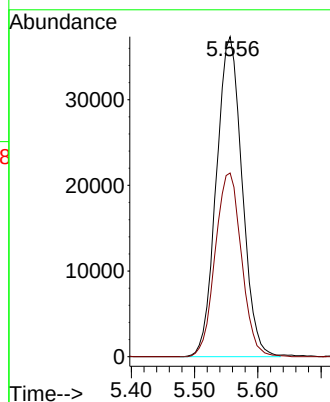
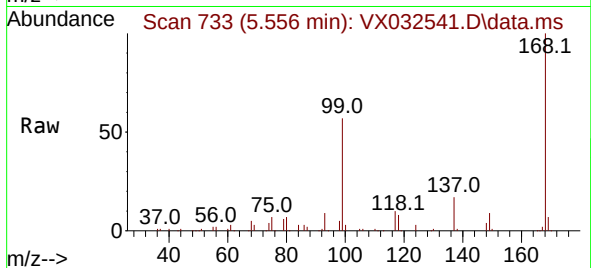




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

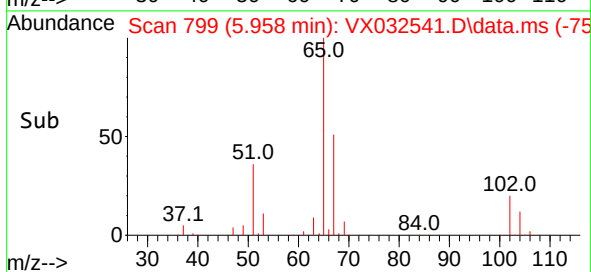
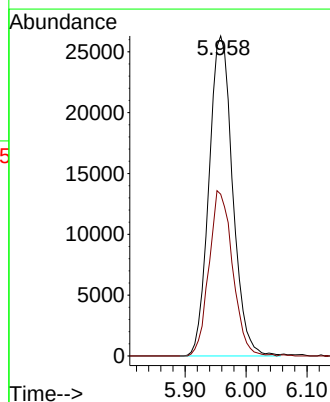
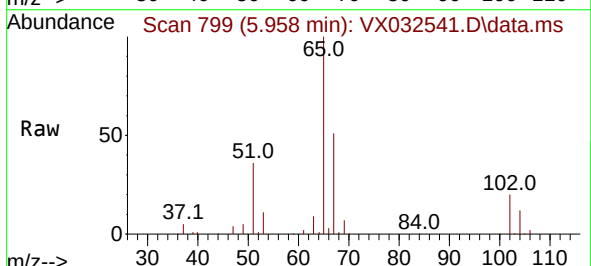
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

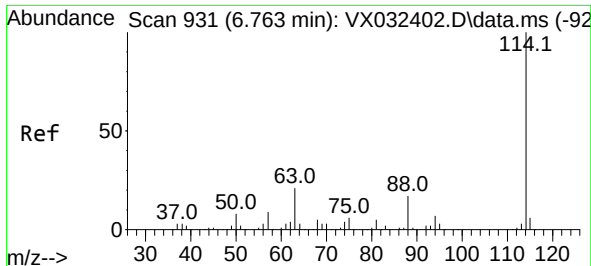
Tgt Ion:168 Resp: 105520
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 48.495 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

Tgt Ion: 65 Resp: 71102
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

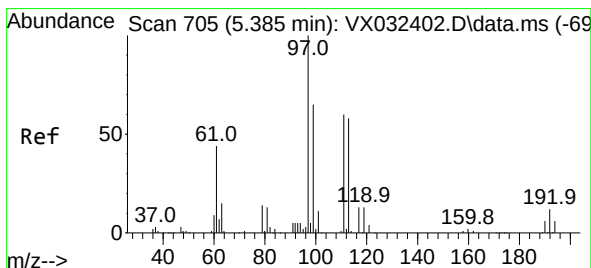
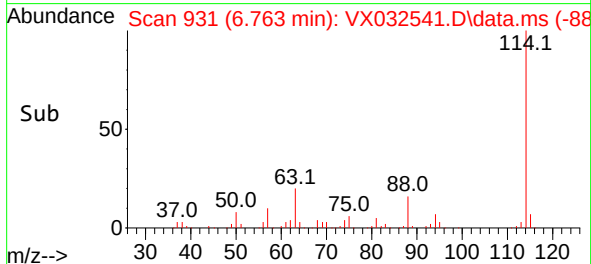
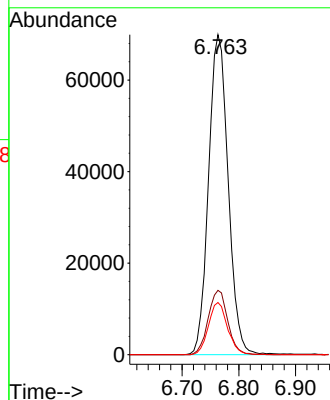
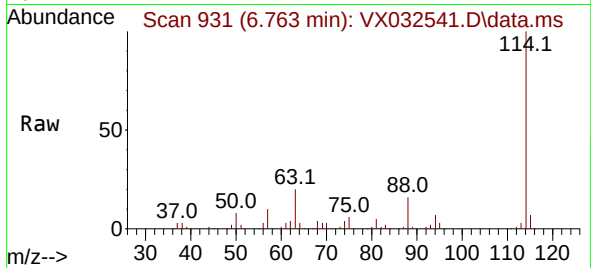




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

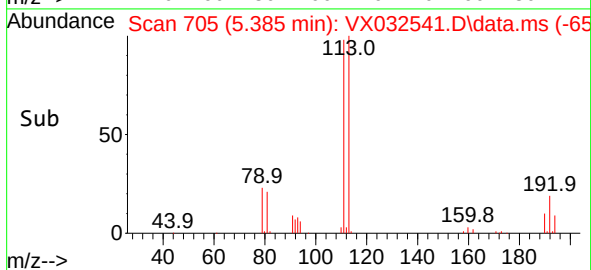
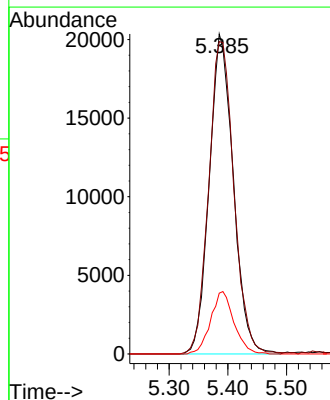
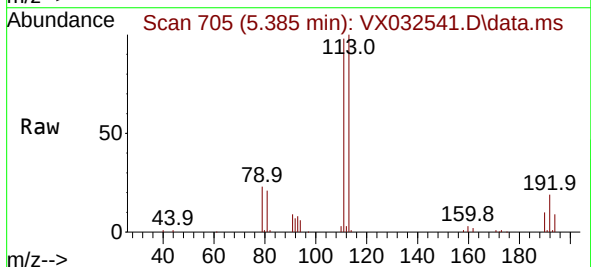
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

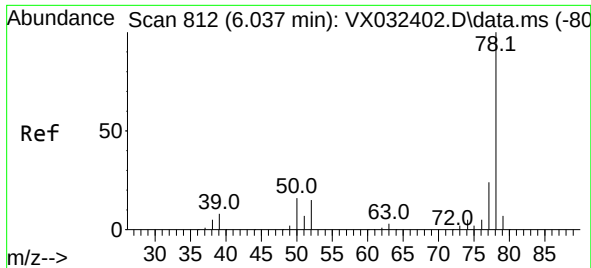
Tgt Ion:114 Resp: 168022
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

Tgt Ion:113 Resp: 57774
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.0 15.4 23.2

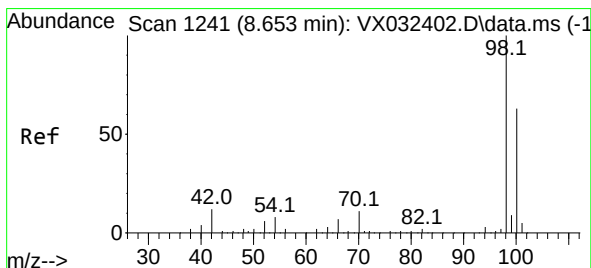
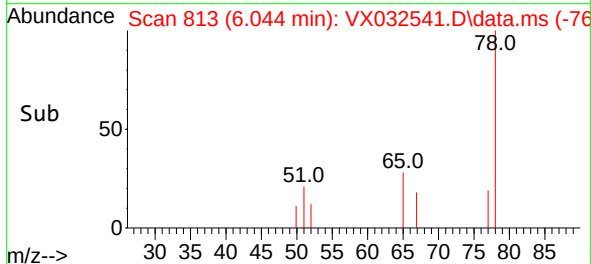
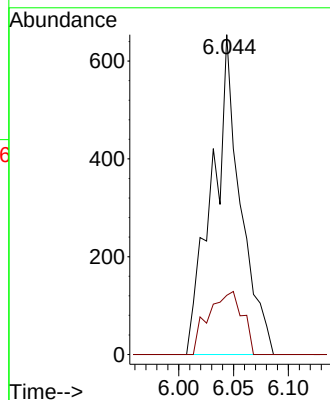
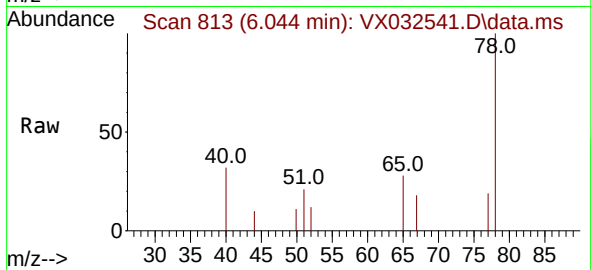




#40
Benzene
Concen: 0.249 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

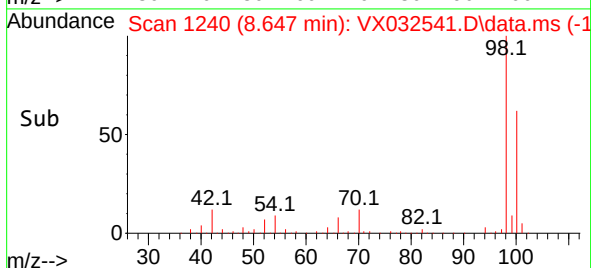
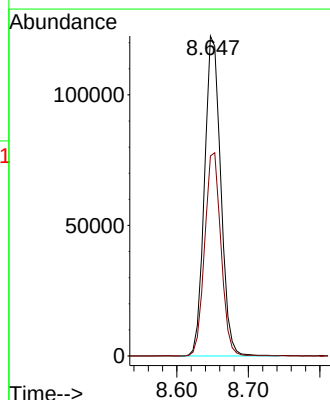
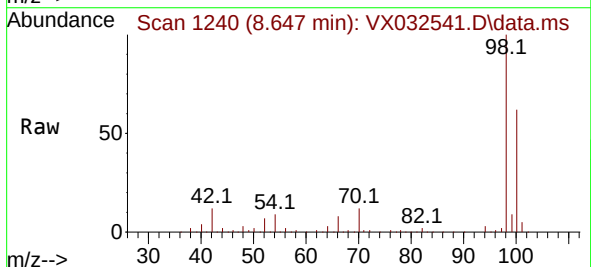
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2022

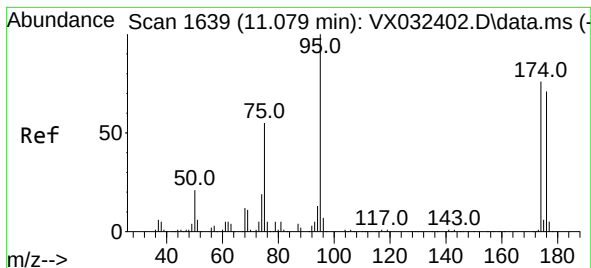
Tgt Ion: 78 Resp: 1174
Ion Ratio Lower Upper
78 100
77 18.5 19.0 28.4#



#50
Toluene-d8
Concen: 46.440 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

Tgt Ion: 98 Resp: 193540
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

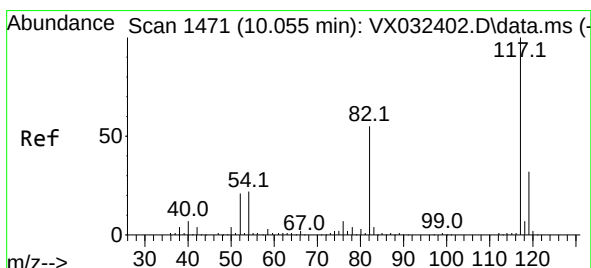
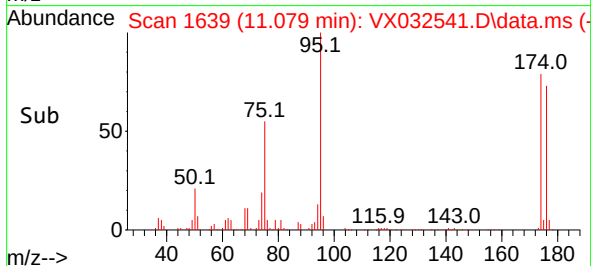
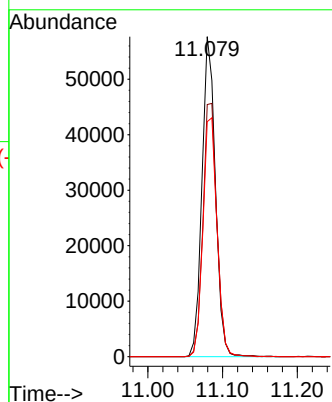
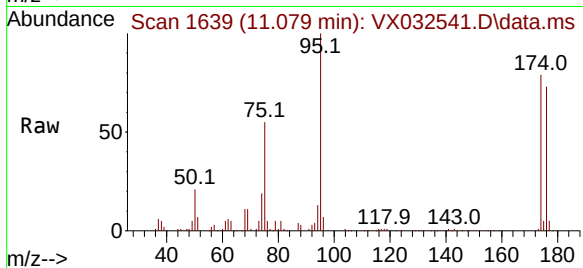




#62
4-Bromofluorobenzene
Concen: 44.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

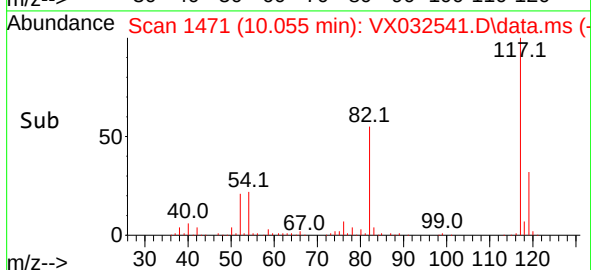
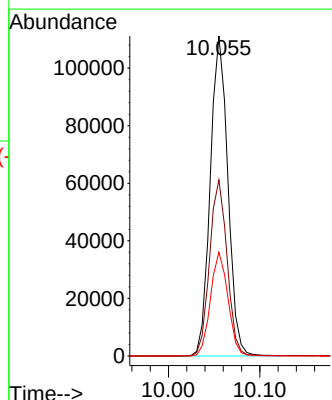
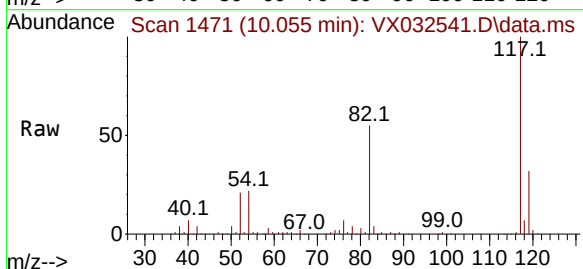
Instrument :
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ClientSampleId :
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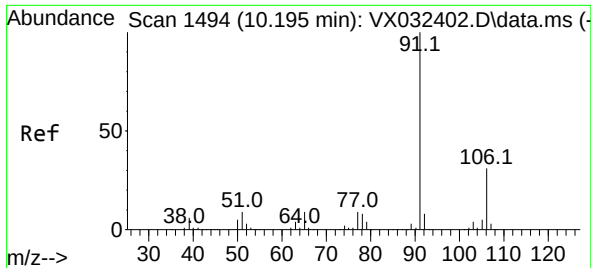
Tgt Ion: 95 Resp: 71861
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

Tgt Ion: 117 Resp: 148275
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.4 25.7 38.5

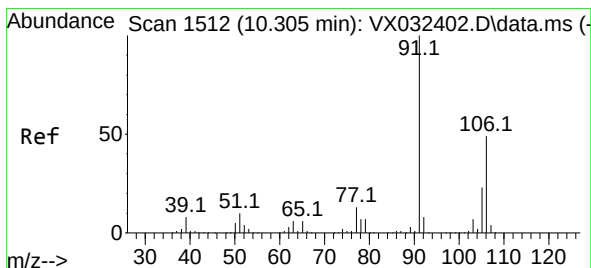
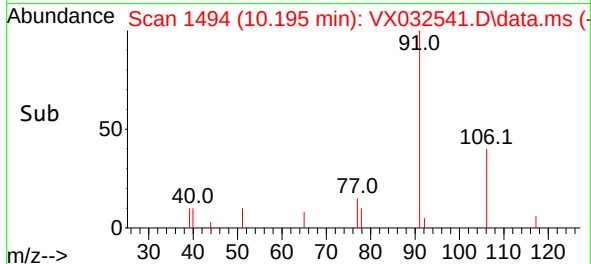
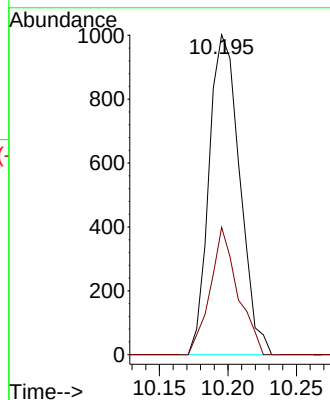
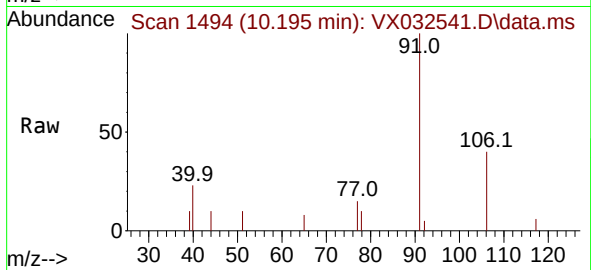




#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

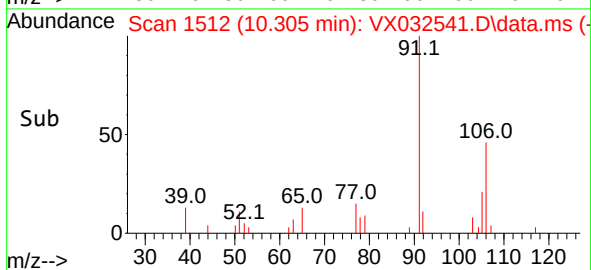
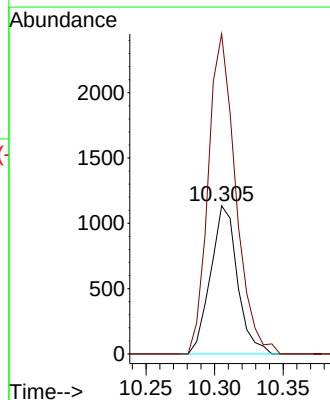
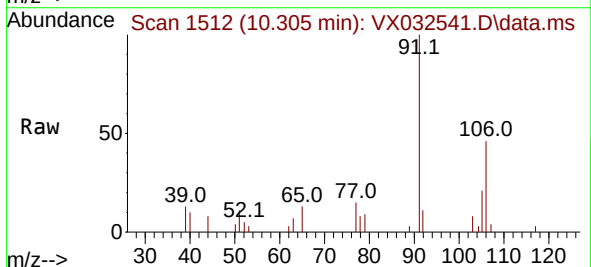
Instrument :
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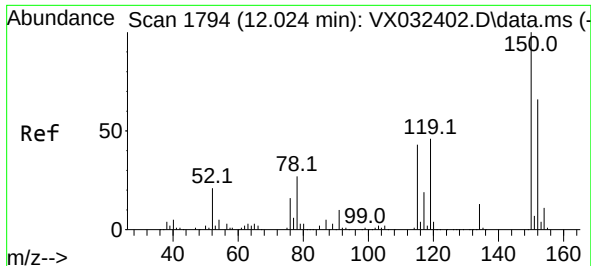
Tgt Ion: 91 Resp: 1560
Ion Ratio Lower Upper
91 100
106 39.8 25.0 37.6#



#68
m/p-Xylenes
Concen: 0.668 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032541.D
Acq: 02 Nov 2022 16:26

Tgt Ion: 106 Resp: 1541
Ion Ratio Lower Upper
106 100
91 221.0 164.5 246.7

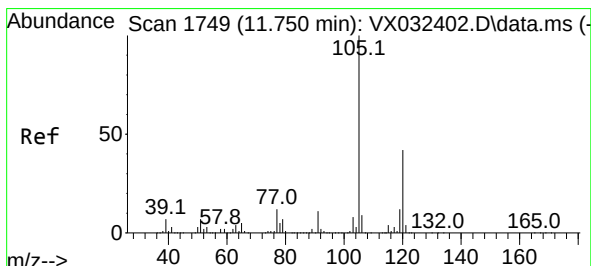
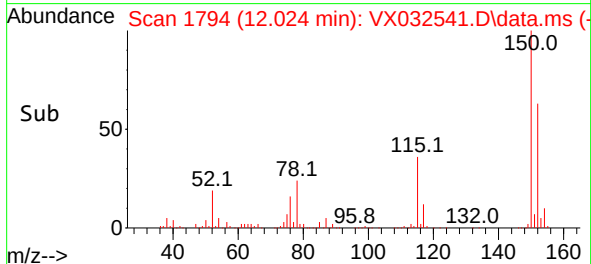
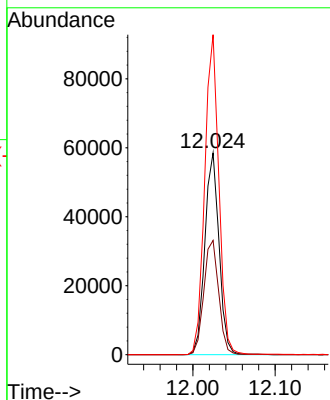
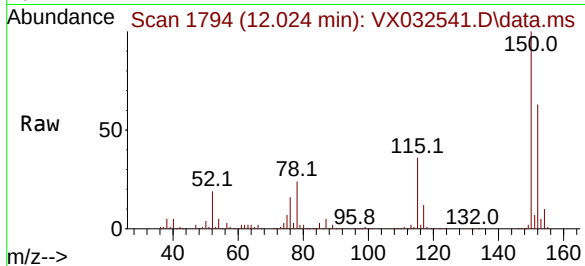




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032541.D
 Acq: 02 Nov 2022 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Tgt Ion:152 Resp: 70367
 Ion Ratio Lower Upper
 152 100
 115 59.3 44.0 132.0
 150 157.4 0.0 351.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.289 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032541.D
 Acq: 02 Nov 2022 16:26

Tgt Ion:105 Resp: 1371
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.5

