

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034885.D
 Acq On : 31 Mar 2023 17:54
 Operator : JC/MD
 Sample : 02048-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 03 01:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

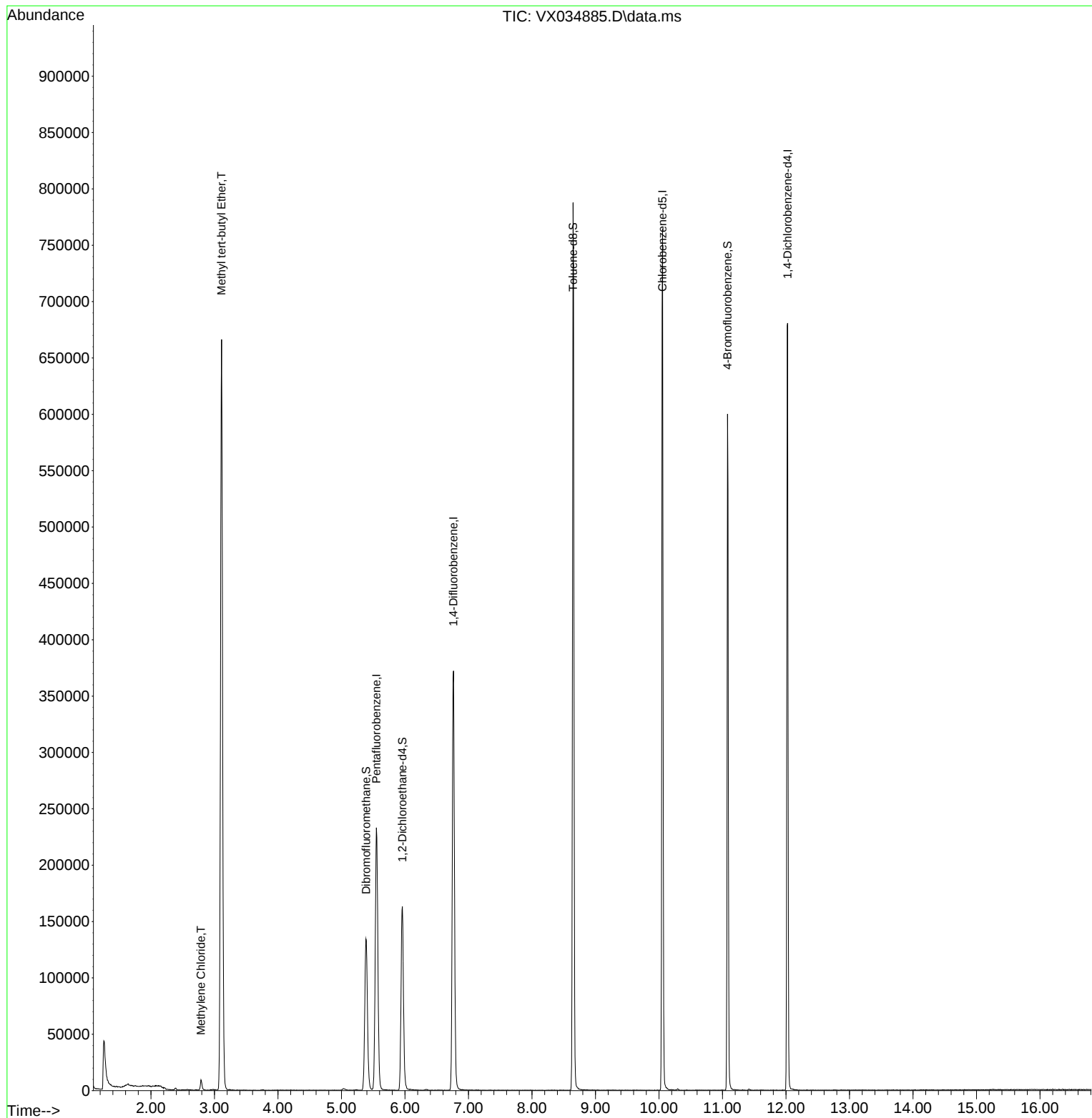
Internal Standards						
1) Pentafluorobenzene	5.550	168	212629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156165	48.023	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	116660	48.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.647	98	442129	49.290	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	154645	44.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	700427	86.666	ug/l	100
20) Methylene Chloride	2.788	84	3736	1.433	ug/l	85

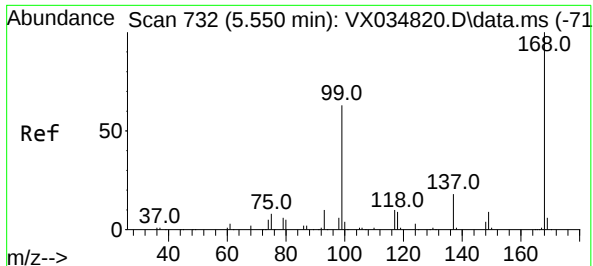
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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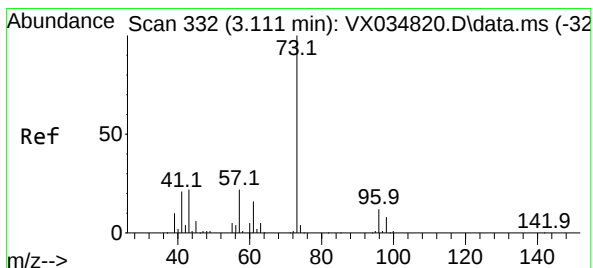
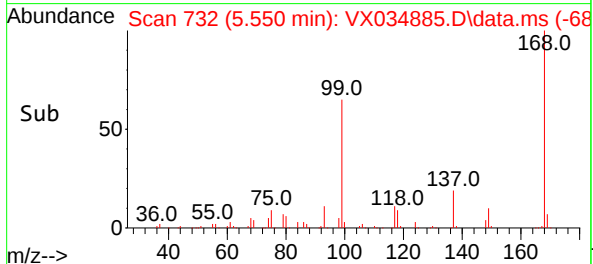
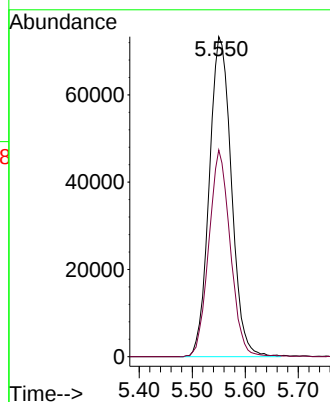
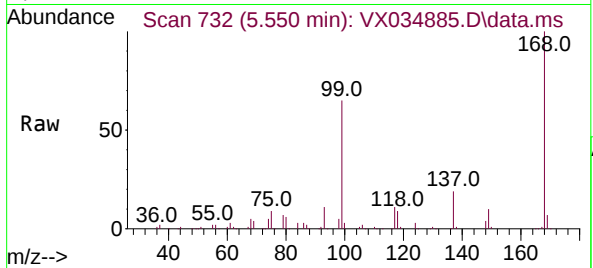




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

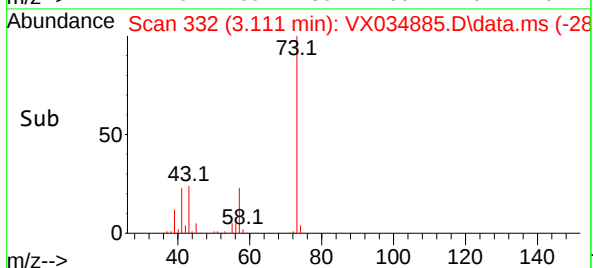
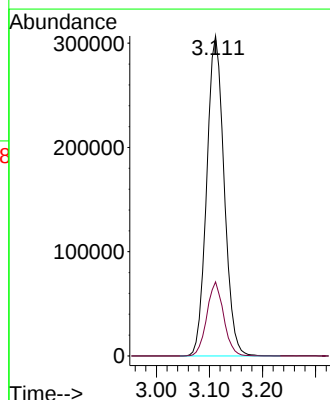
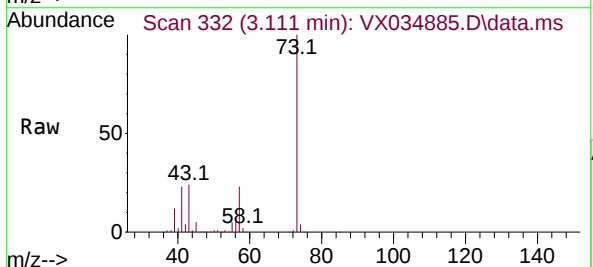
Instrument :
MSVOA_X
ClientSampleId :
MW-4

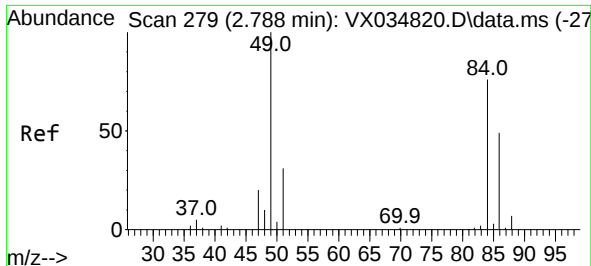
Tgt Ion:168 Resp: 212629
Ion Ratio Lower Upper
168 100
99 64.6 45.7 68.5



#19
Methyl tert-butyl Ether
Concen: 86.666 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Tgt Ion: 73 Resp: 700427
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7

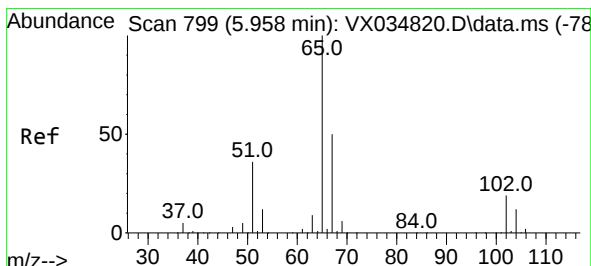
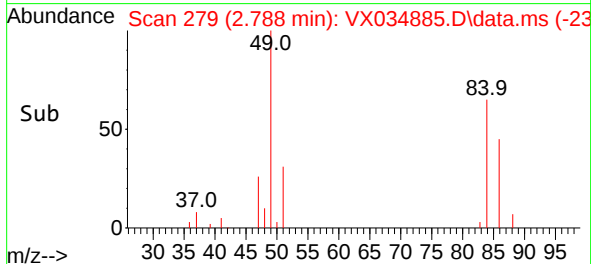
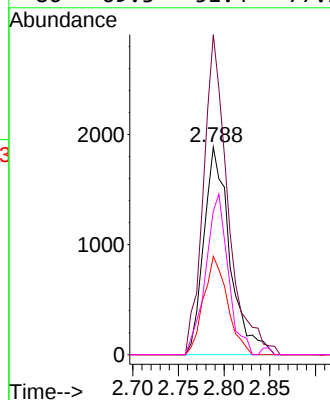
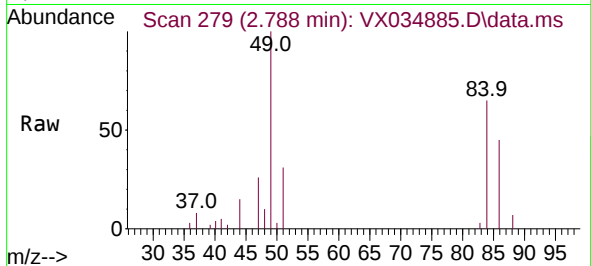




#20
Methylene Chloride
Concen: 1.433 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

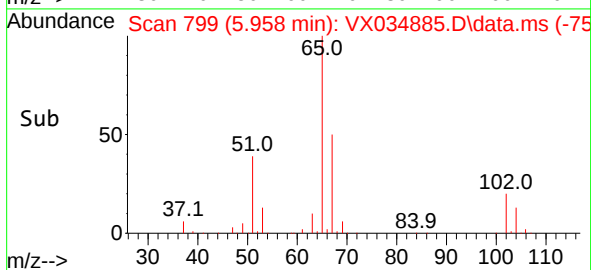
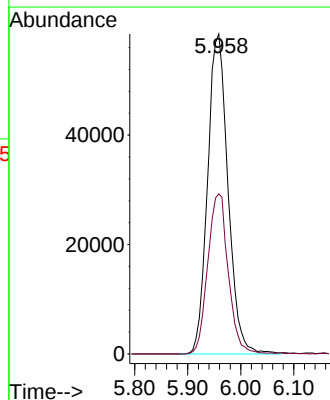
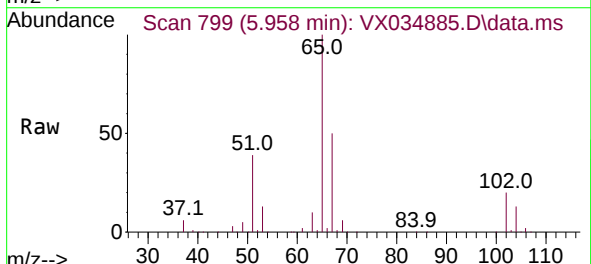
Instrument :
MSVOA_X
ClientSampleId :
MW-4

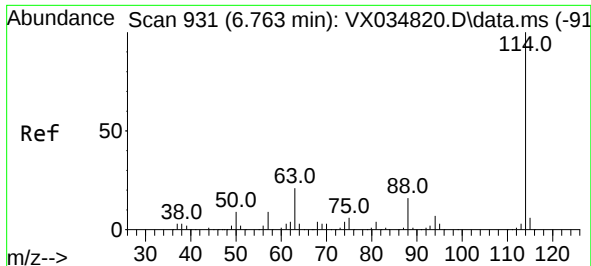
Tgt Ion:	84	Resp:	3736
Ion	Ratio	Lower	Upper
84	100		
49	154.2	103.8	155.8
51	47.4	31.8	47.8
86	69.3	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 48.023 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Tgt Ion:	65	Resp:	156165
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.0

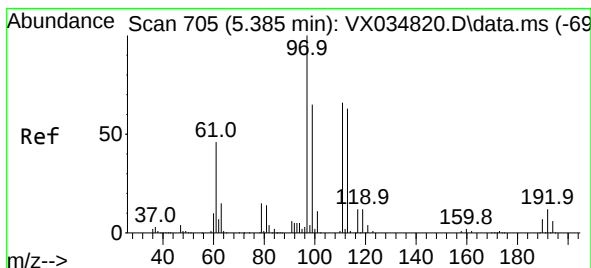
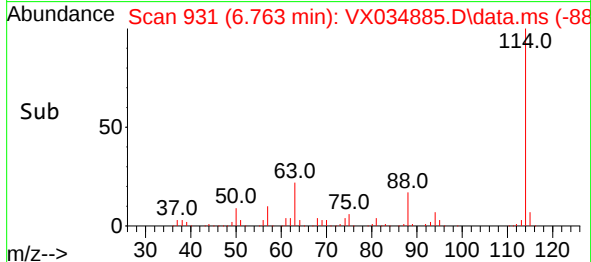
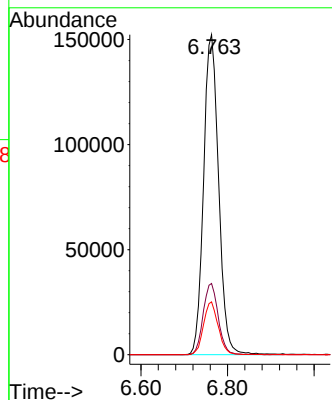
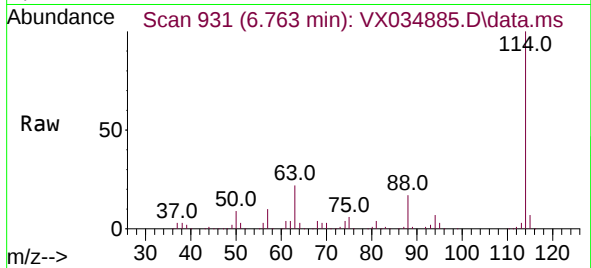




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

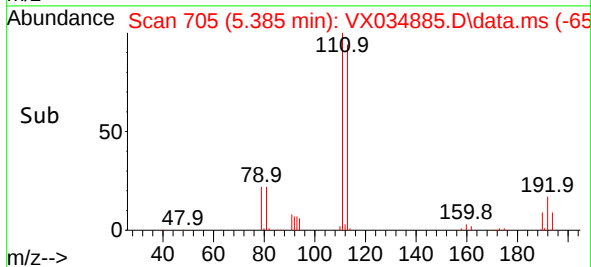
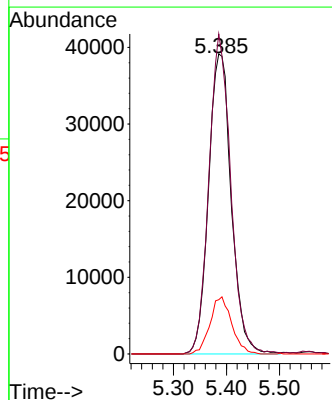
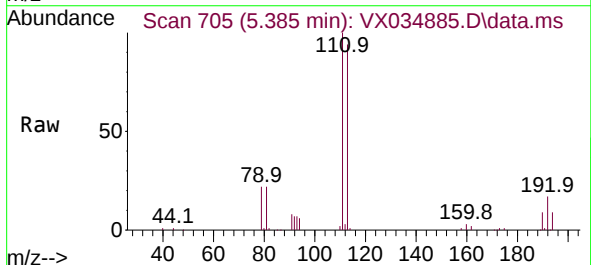
Instrument :
MSVOA_X
ClientSampleId :
MW-4

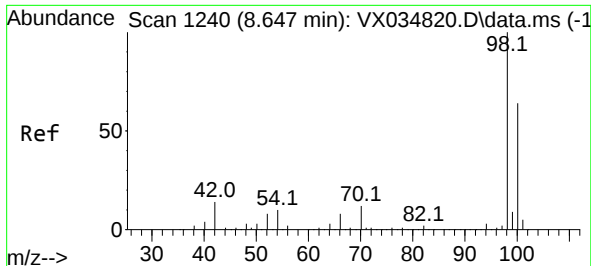
Tgt Ion:114 Resp: 367421
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Tgt Ion:113 Resp: 116660
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.2 15.4 23.2

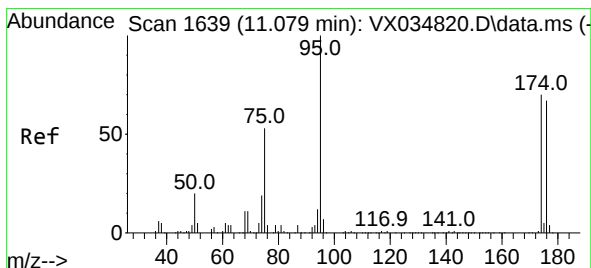
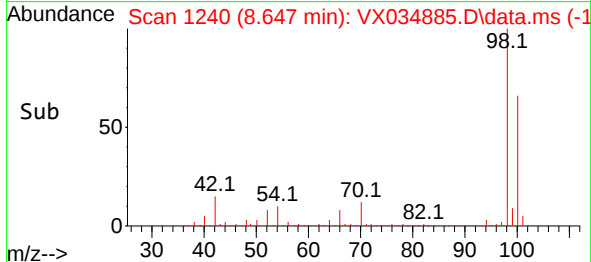
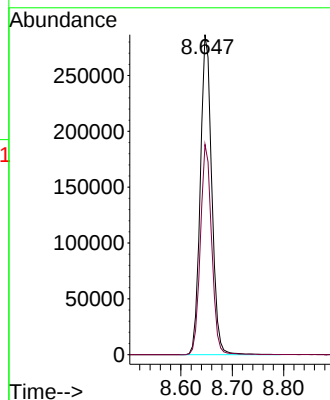
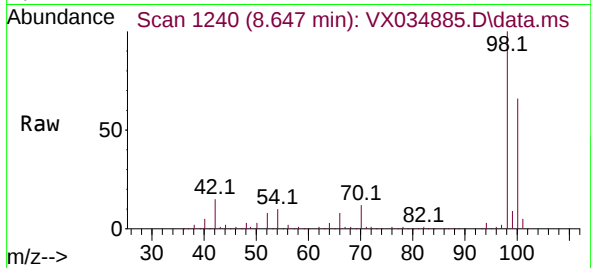




#50
Toluene-d8
Concen: 49.290 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

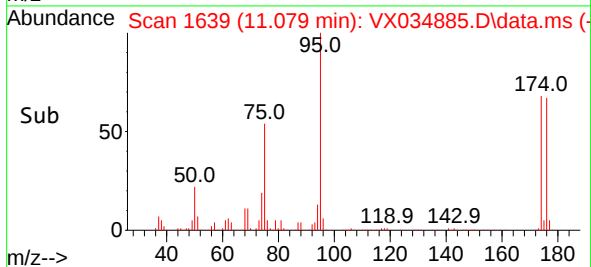
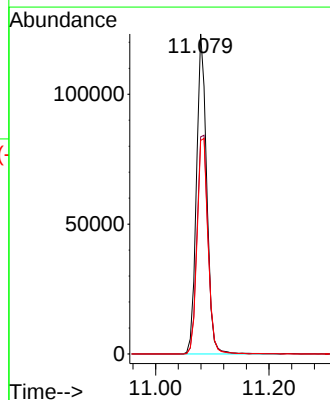
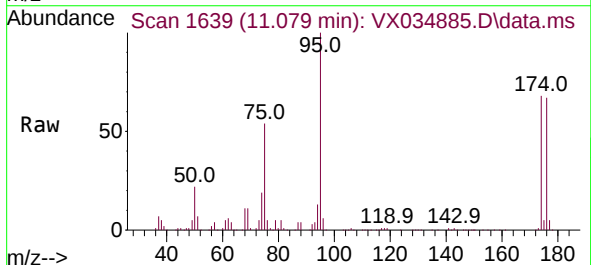
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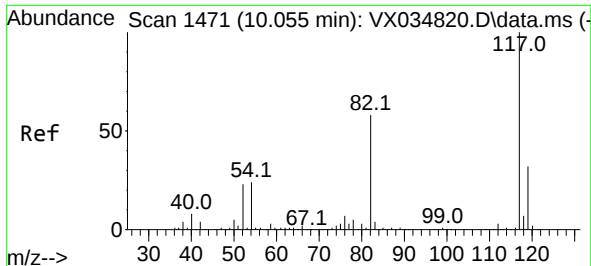
Tgt Ion: 98 Resp: 442129
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Tgt Ion: 95 Resp: 154645
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 71.5 0.0 140.6

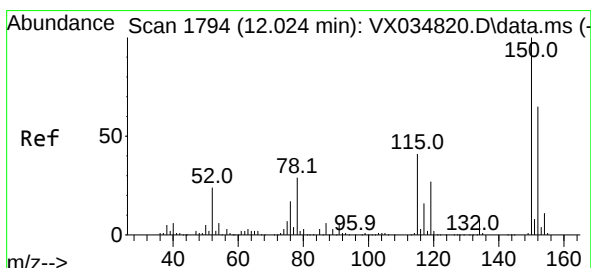
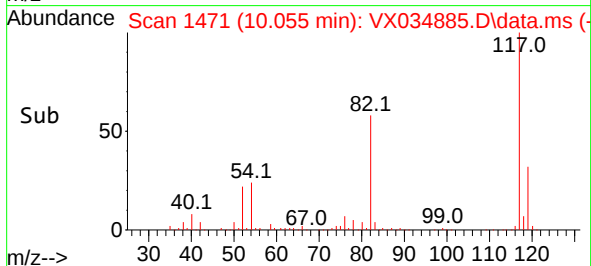
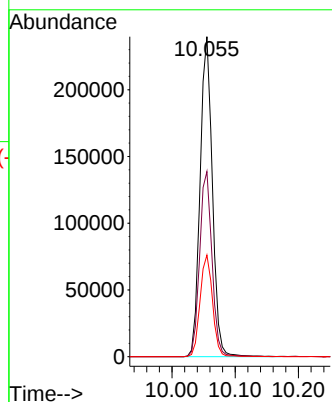
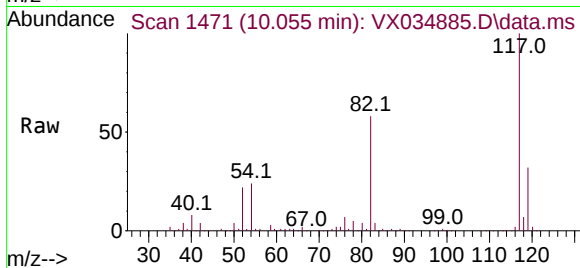




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 323866
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034885.D
Acq: 31 Mar 2023 17:54

Tgt Ion:152 Resp: 137961
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 157.9 0.0 352.4

