

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034486.D
 Acq On : 15 Mar 2023 06:14
 Operator : JC/MD
 Sample : 01903-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230310

Quant Time: Mar 15 07:01:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

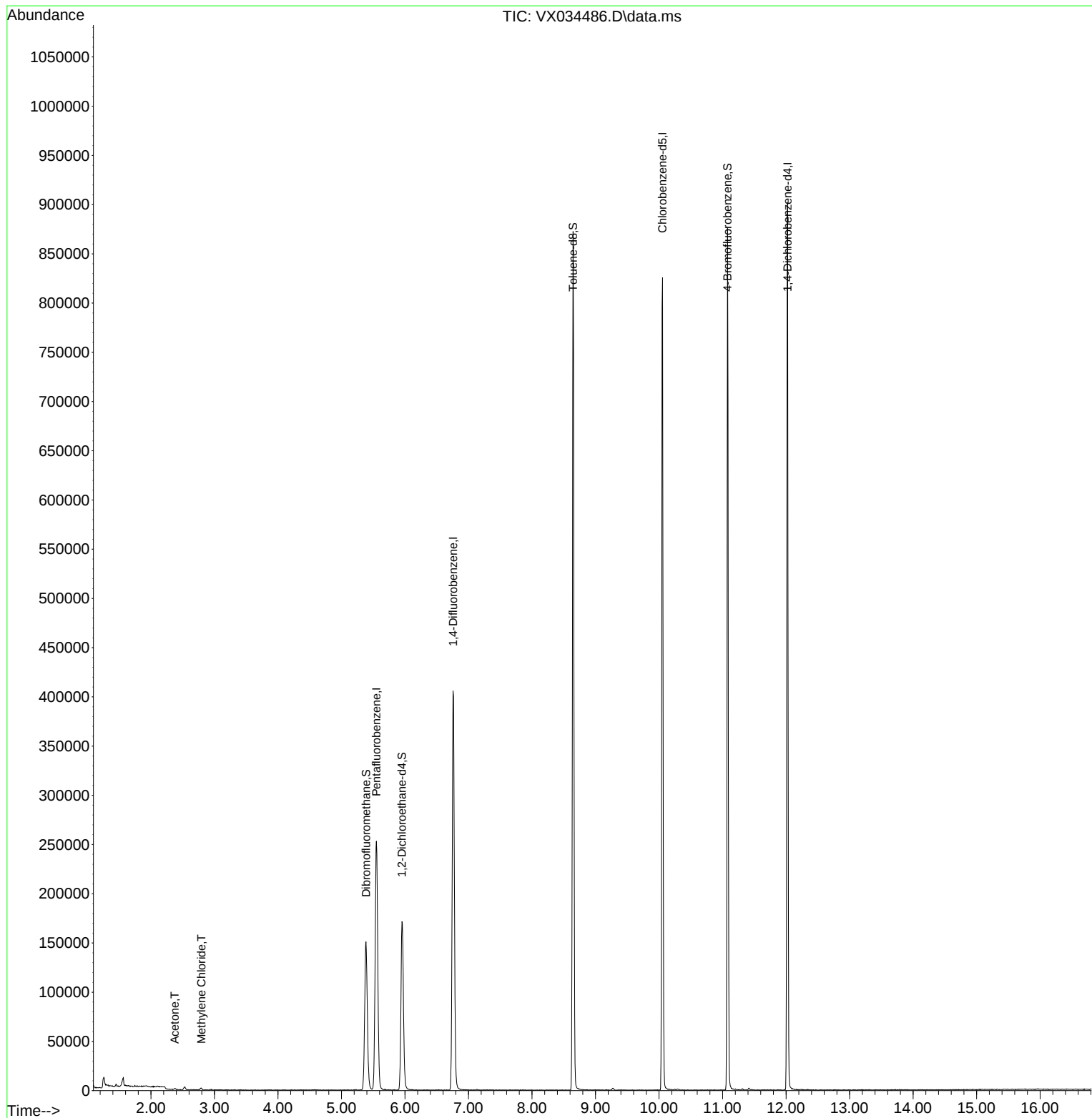
Internal Standards						
1) Pentafluorobenzene	5.550	168	242916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	416304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163239	46.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.385	113	131126	47.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	505260	49.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	224317	54.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.240%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1526	0.917	ug/l #	87
20) Methylene Chloride	2.794	84	944	0.292	ug/l #	88

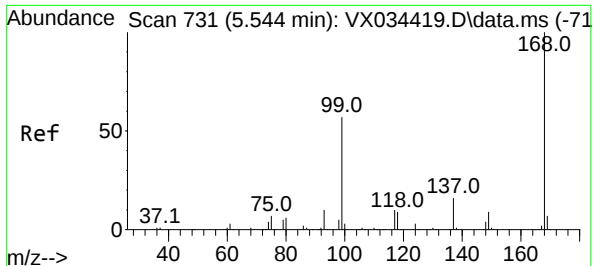
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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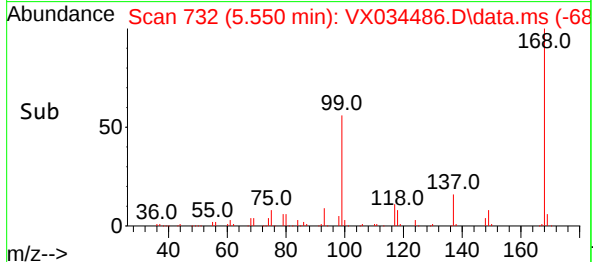
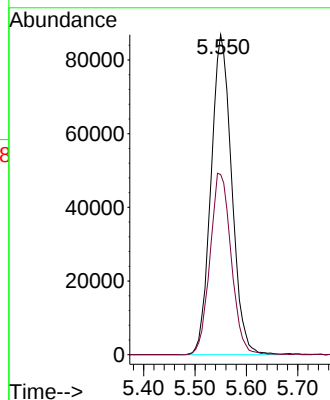
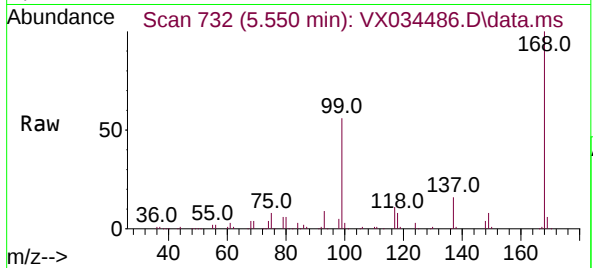




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

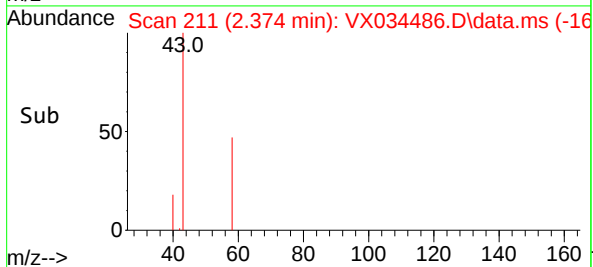
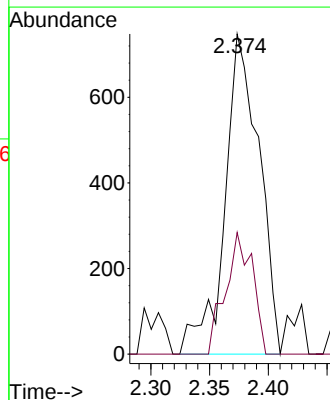
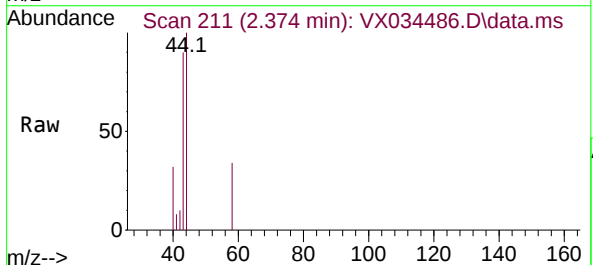
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

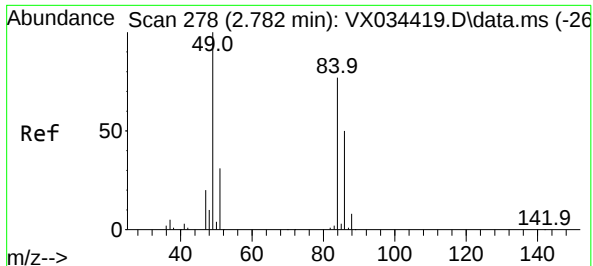
Tgt Ion:168 Resp: 242916
Ion Ratio Lower Upper
168 100
99 56.3 45.7 68.5



#16
Acetone
Concen: 0.917 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 38.0 24.7 37.1#

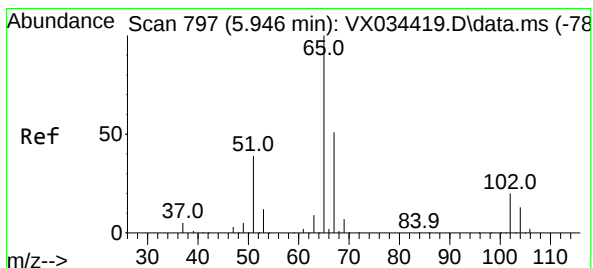
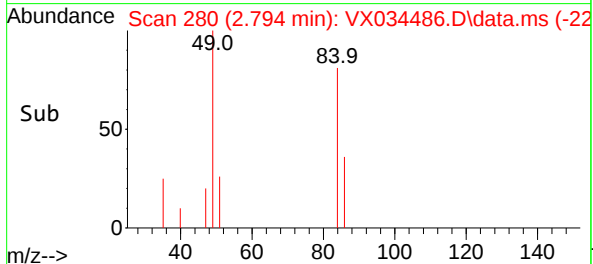
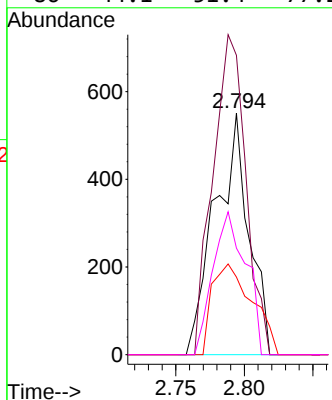
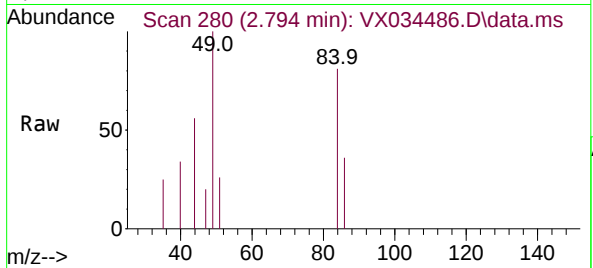




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

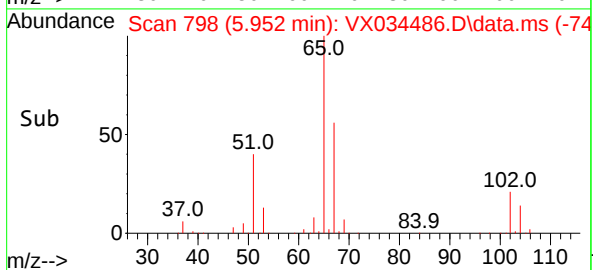
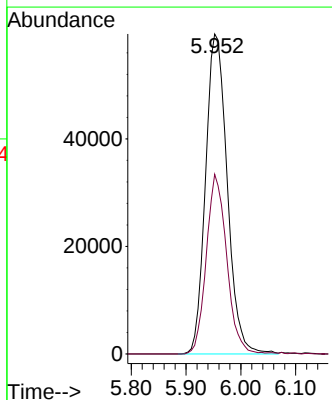
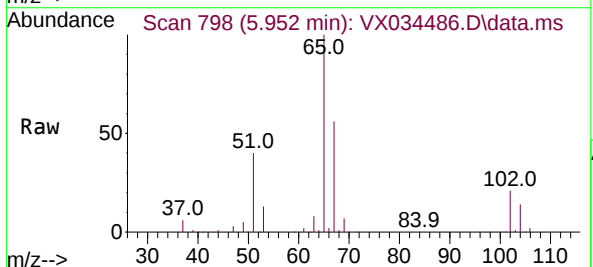
Instrument :
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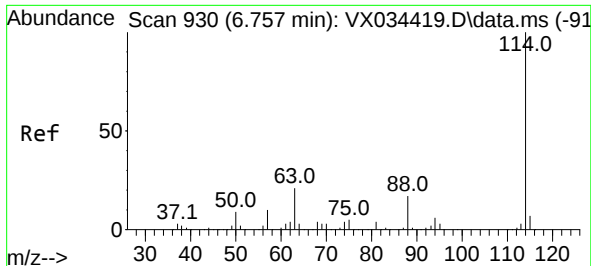
Tgt Ion:	84	Resp:	944
Ion	Ratio	Lower	Upper
84	100		
49	124.0	103.8	155.8
51	32.1	31.8	47.8
86	44.1	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 46.192 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion:	65	Resp:	163239
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.0

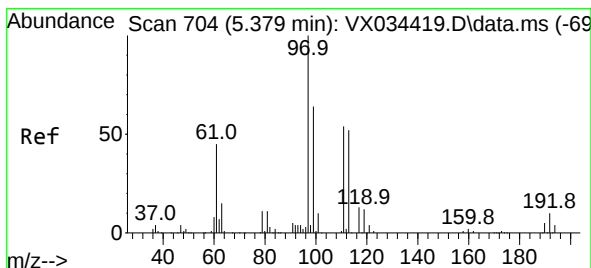
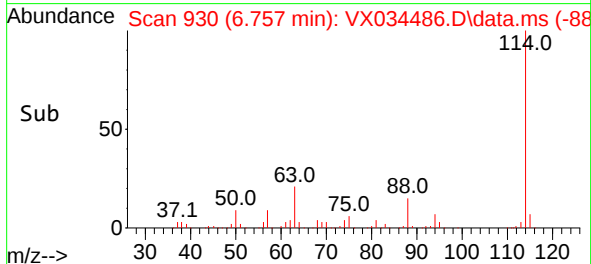
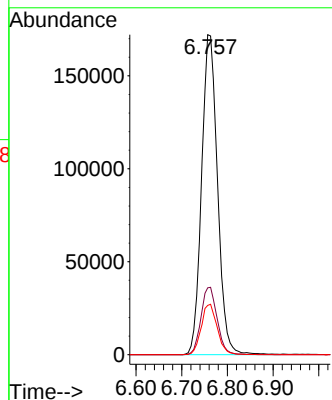
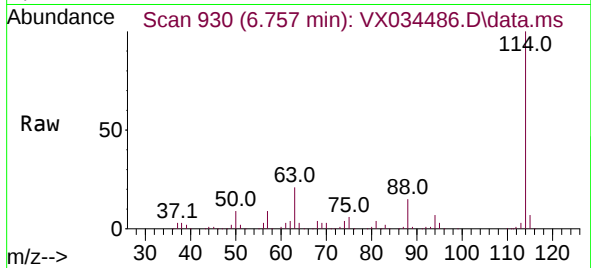




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

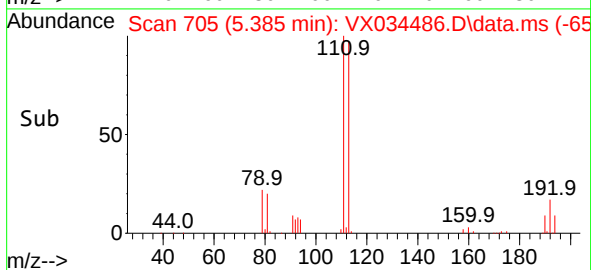
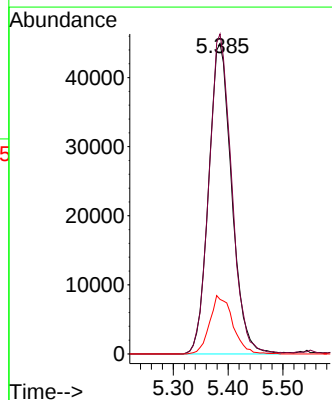
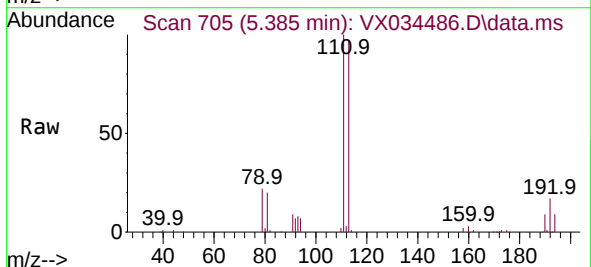
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

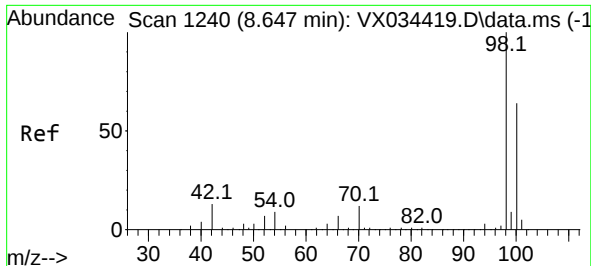
Tgt Ion:114 Resp: 416304
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion:113 Resp: 131126
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 18.8 15.4 23.2

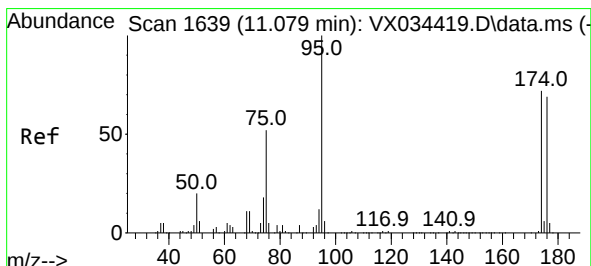
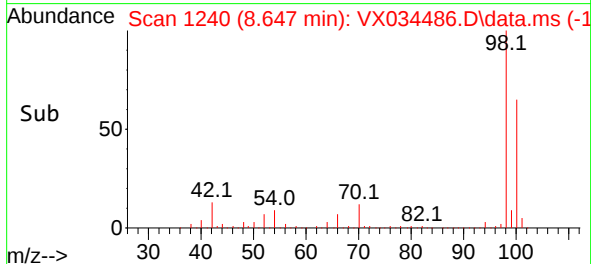
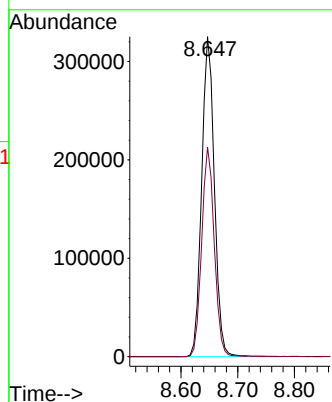
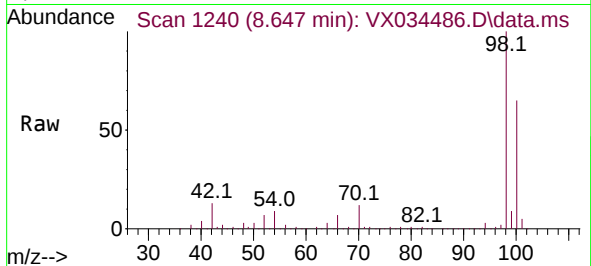




#50
Toluene-d8
Concen: 49.242 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

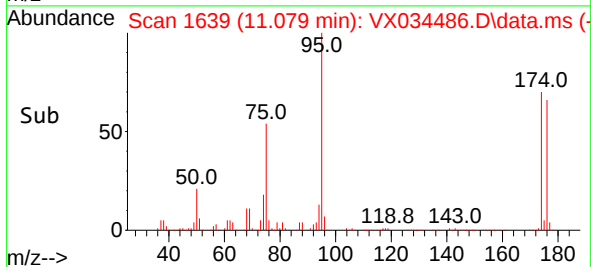
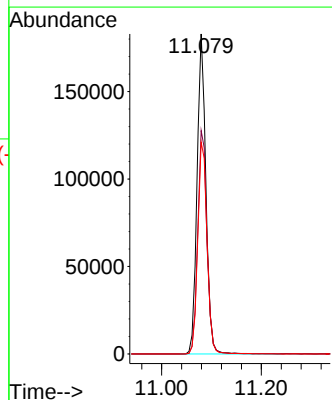
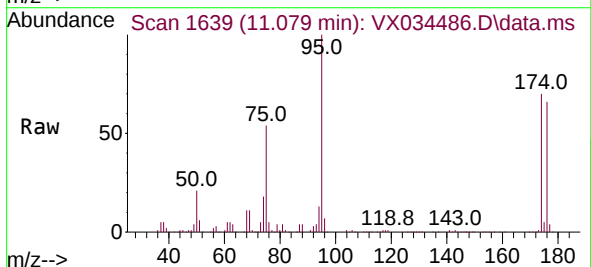
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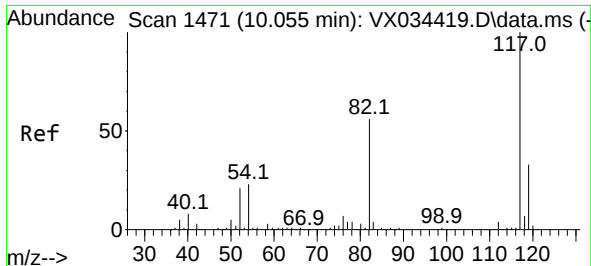
Tgt Ion: 98 Resp: 505260
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 95 Resp: 224317
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 69.5 0.0 140.6

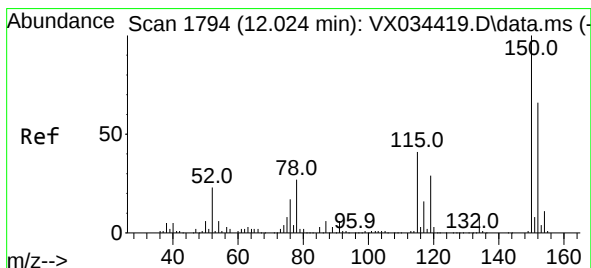
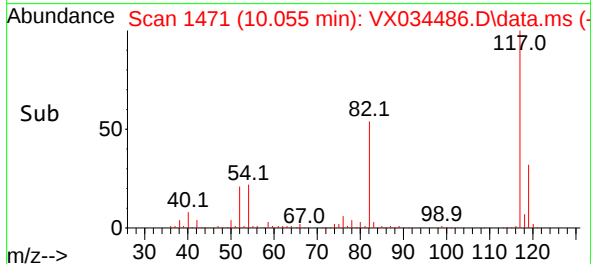
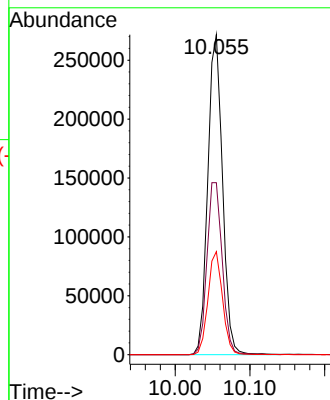
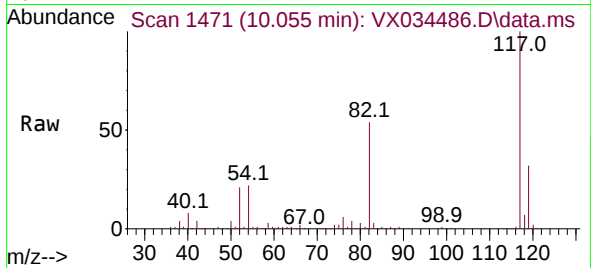




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

Tgt Ion:117 Resp: 370743
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 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: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion:152 Resp: 184229
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.5 0.0 352.4

