

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034703.D
 Acq On : 23 Mar 2023 17:02
 Operator : JC/MD
 Sample : 02045-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-5-20230322

Quant Time: Mar 24 05:47:05 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)

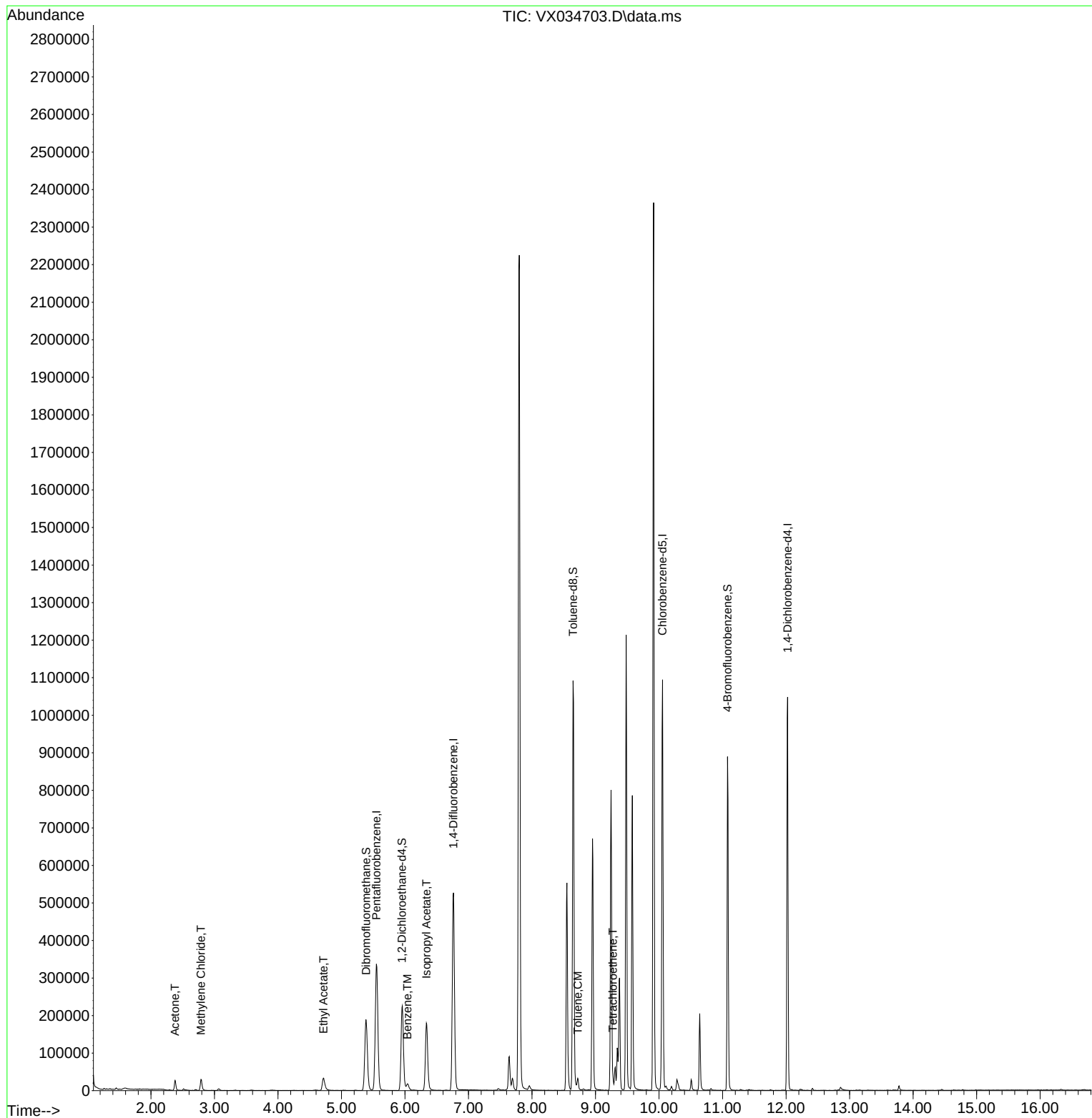
Internal Standards						
1) Pentafluorobenzene	5.550	168	310474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	523922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	223998	49.593	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.180%
35) Dibromofluoromethane	5.385	113	165241	47.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	625755	48.458	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	241976	46.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	28005	13.163	ug/l	99
20) Methylene Chloride	2.788	84	13806	3.343	ug/l	87
37) Ethyl Acetate	4.715	43	59827	10.307	ug/l	97
40) Benzene	6.037	78	19788	1.273	ug/l	100
43) Isopropyl Acetate	6.336	43	254556	25.888	ug/l	99
52) Toluene	8.720	92	10164	1.056	ug/l	99
64) Tetrachloroethene	9.275	164	4101	1.304	ug/l	91

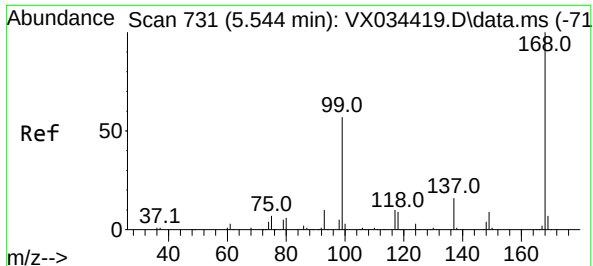
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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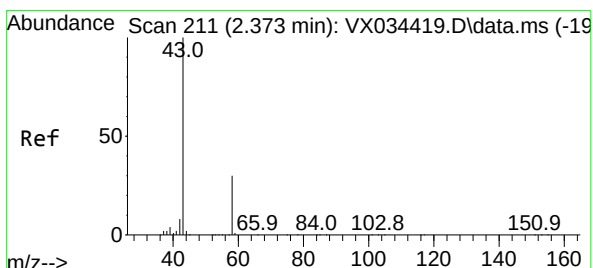
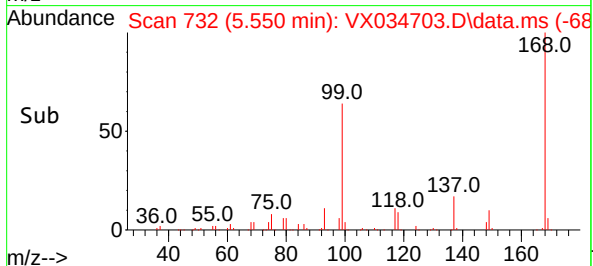
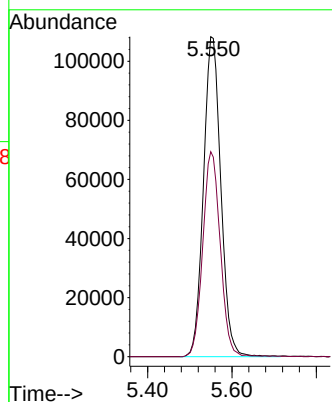
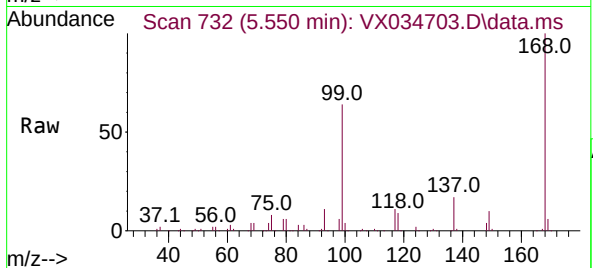




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

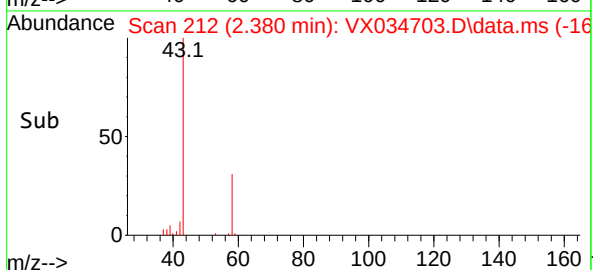
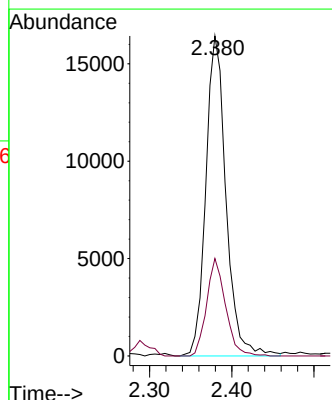
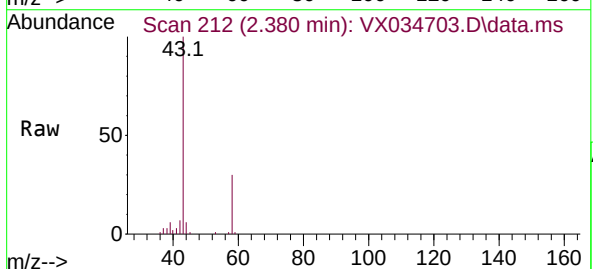
Instrument :
MSVOA_X
ClientSampleId :
WC1-5-20230322

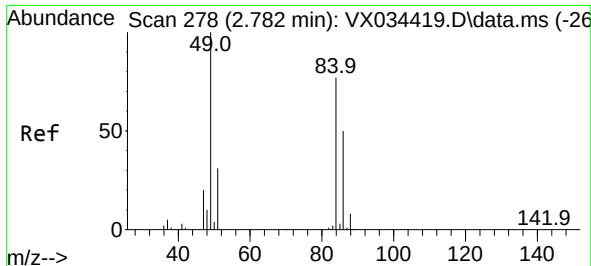
Tgt Ion:168 Resp: 310474
Ion Ratio Lower Upper
168 100
99 64.0 45.7 68.5



#16
Acetone
Concen: 13.163 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

Tgt Ion: 43 Resp: 28005
Ion Ratio Lower Upper
43 100
58 30.4 24.7 37.1

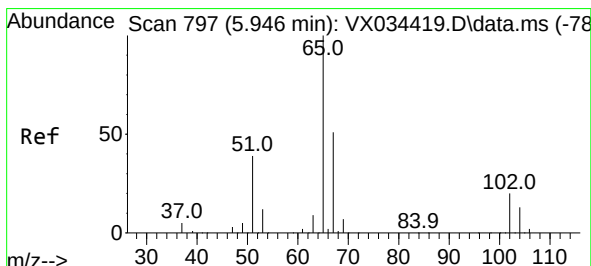
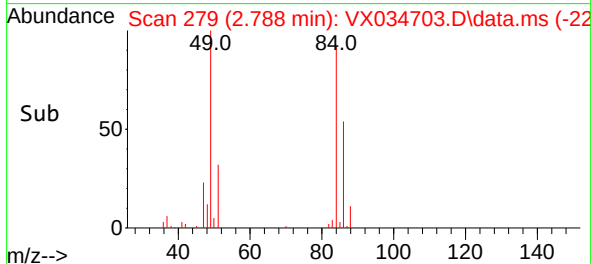
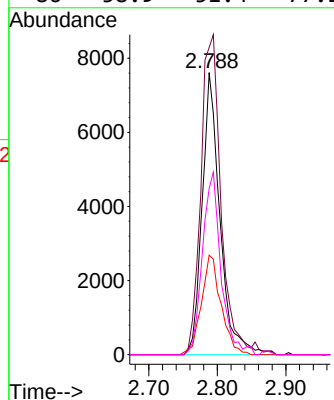
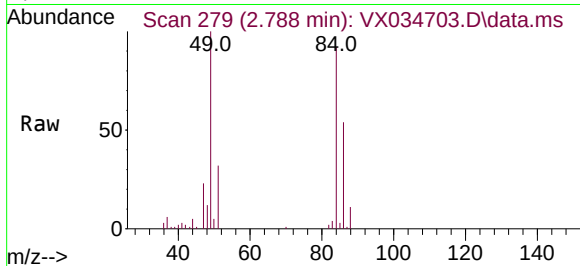




#20
Methylene Chloride
Concen: 3.343 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

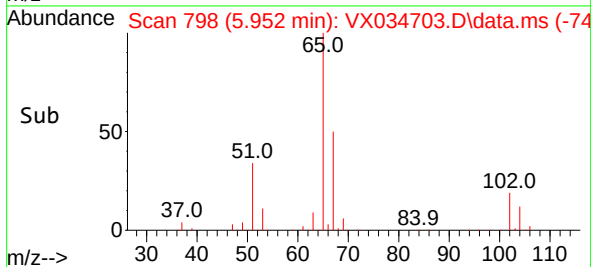
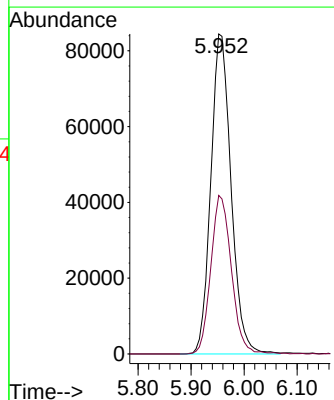
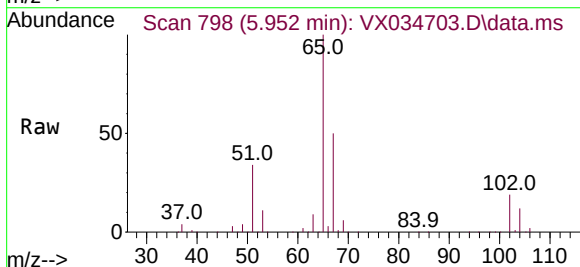
Instrument :
MSVOA_X
ClientSampleId :
WC1-5-20230322

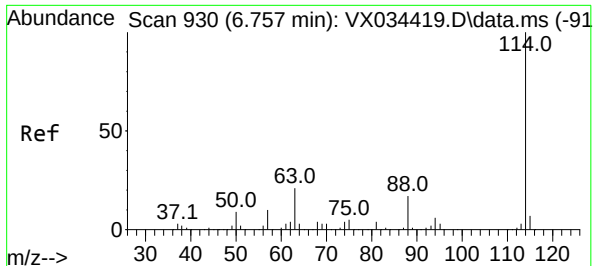
Tgt Ion:	84	Resp:	13806
Ion	Ratio	Lower	Upper
84	100		
49	108.9	103.8	155.8
51	35.3	31.8	47.8
86	58.9	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 49.593 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

Tgt Ion:	65	Resp:	223998
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.0

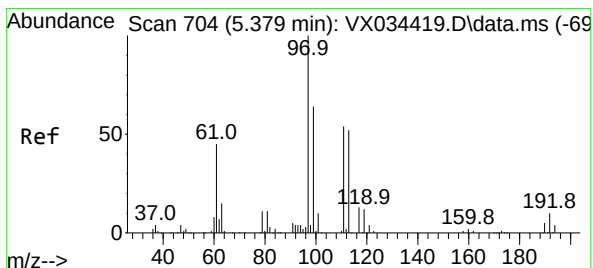
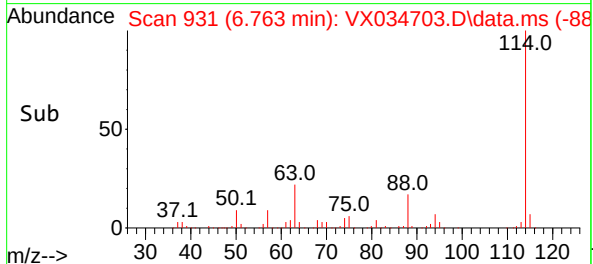
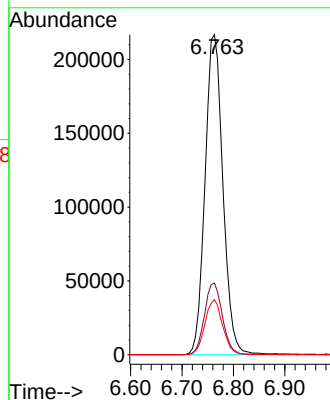
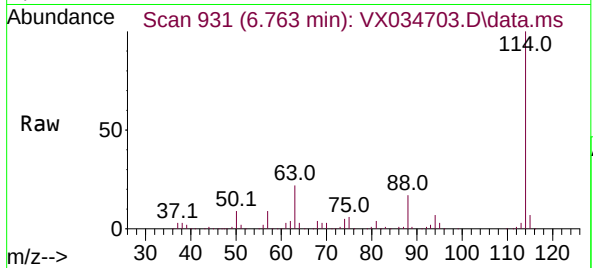




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

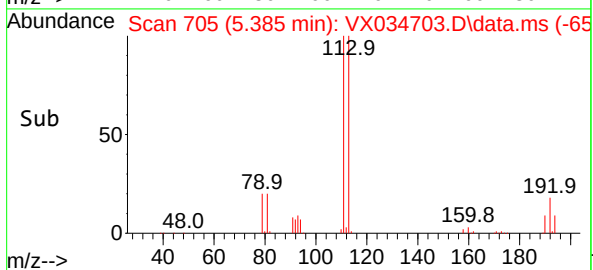
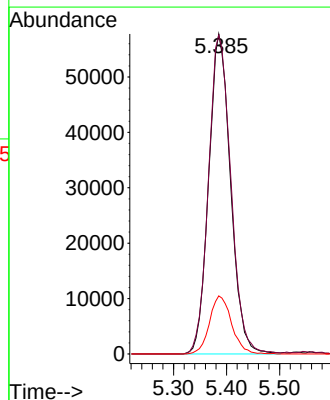
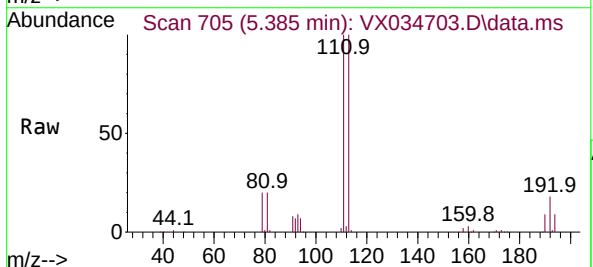
Instrument :
MSVOA_X
ClientSampleId :
WC1-5-20230322

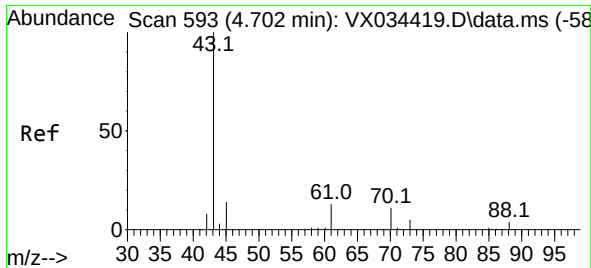
Tgt Ion:114 Resp: 523922
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

Tgt Ion:113 Resp: 165241
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 18.4 15.4 23.2





#37

Ethyl Acetate

Concen: 10.307 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX034703.D

Acq: 23 Mar 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

WC1-5-20230322

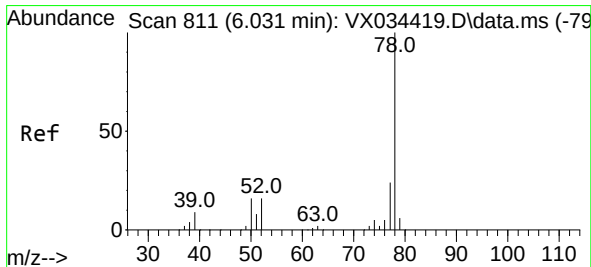
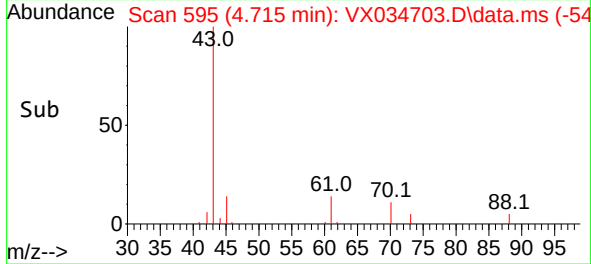
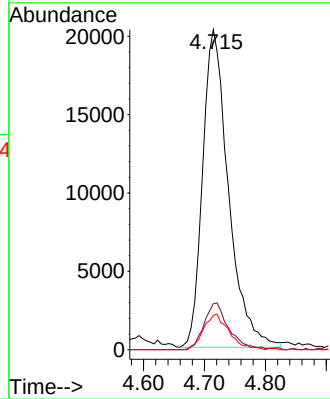
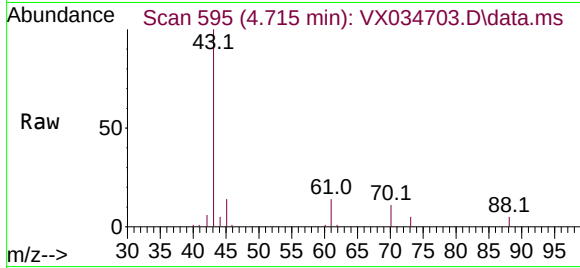
Tgt Ion: 43 Resp: 59827

Ion Ratio Lower Upper

43 100

61 14.0 10.2 15.4

70 11.1 8.2 12.4



#40

Benzene

Concen: 1.273 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034703.D

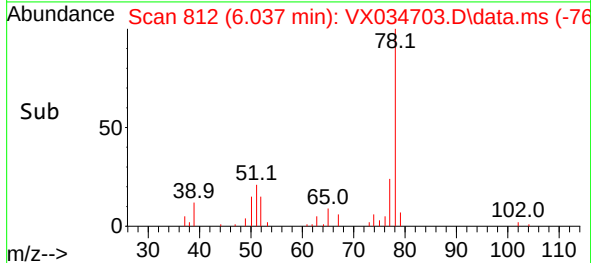
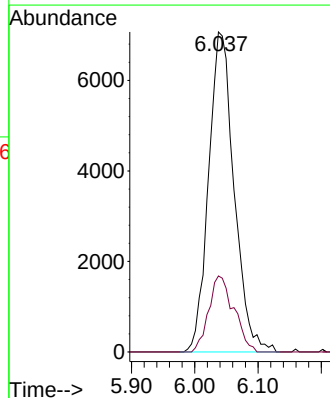
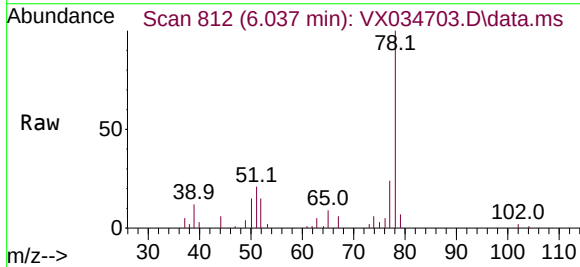
Acq: 23 Mar 2023 17:02

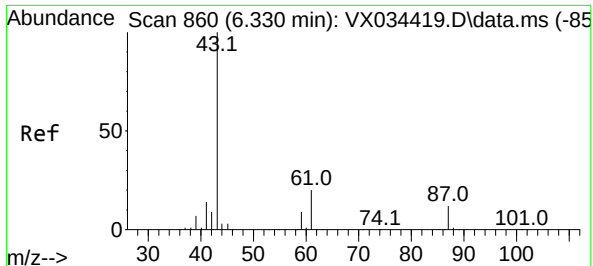
Tgt Ion: 78 Resp: 19788

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

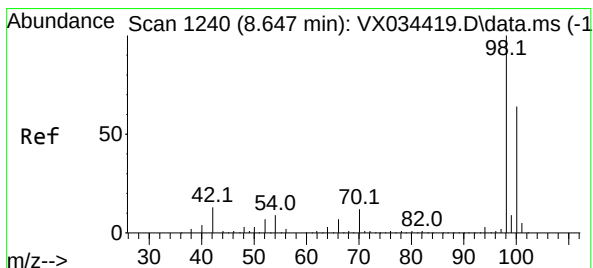
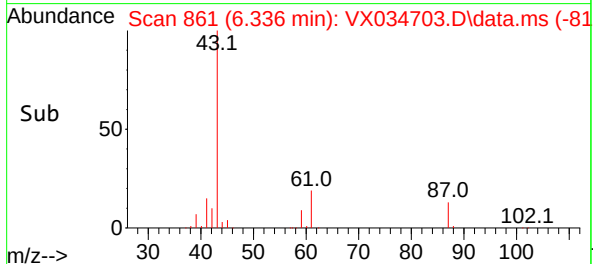
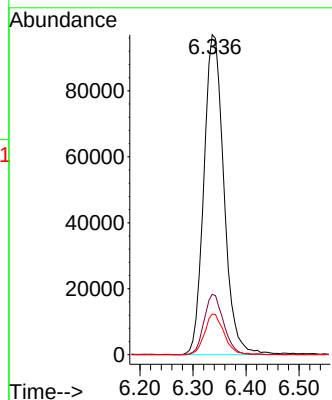
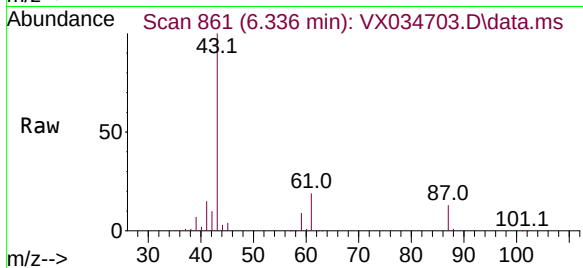




#43
Isopropyl Acetate
Concen: 25.888 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

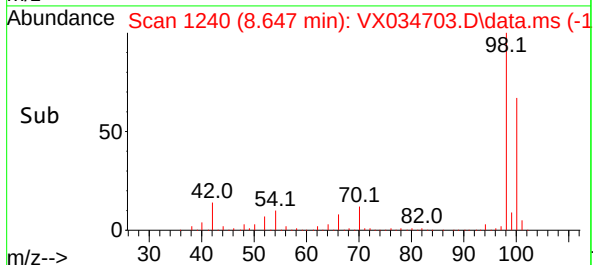
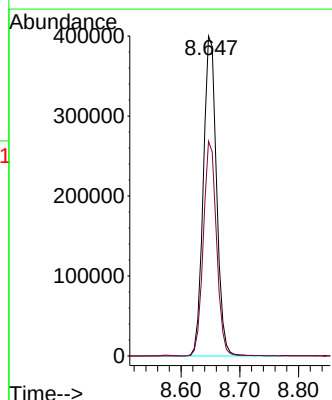
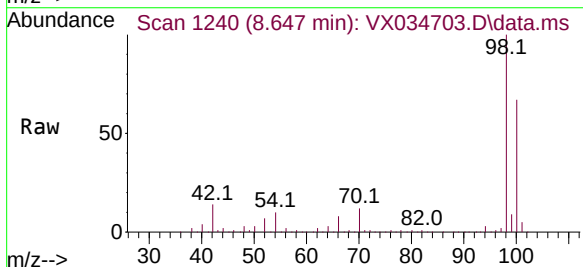
Instrument :
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ClientSampleId :
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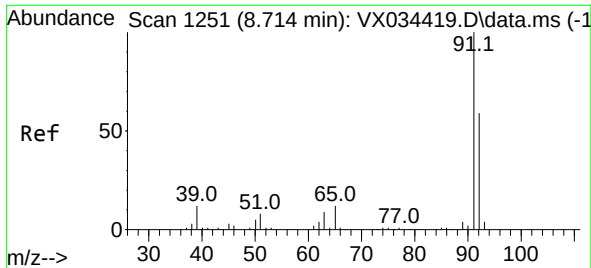
Tgt Ion: 43 Resp: 254556
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.2 9.8 14.8



#50
Toluene-d8
Concen: 48.458 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

Tgt Ion: 98 Resp: 625755
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

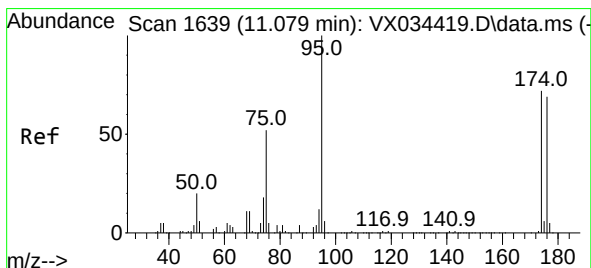
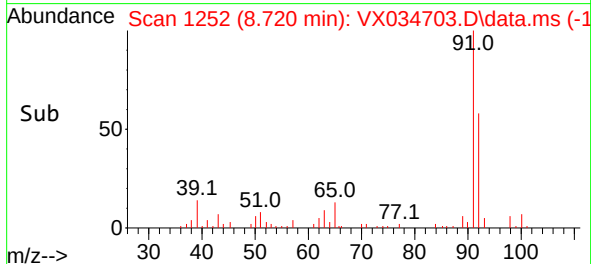
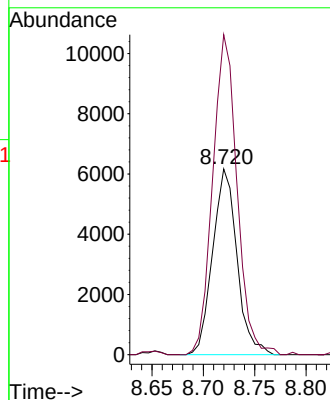
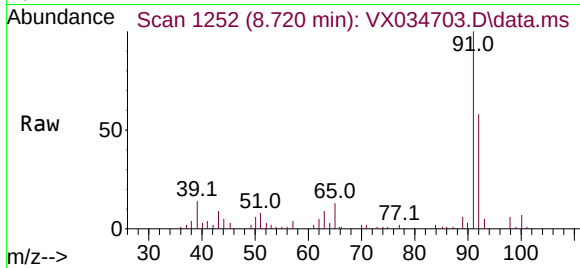




#52
Toluene
Concen: 1.056 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

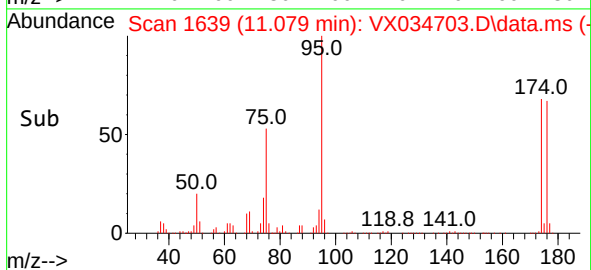
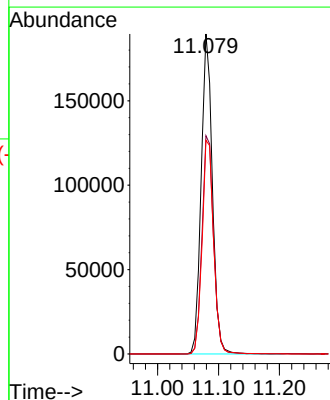
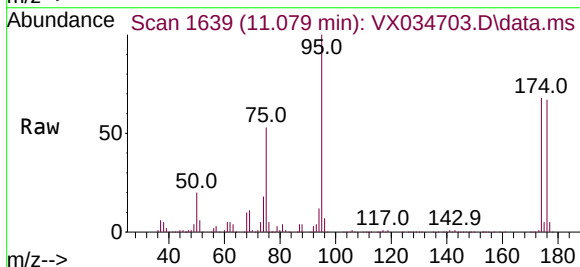
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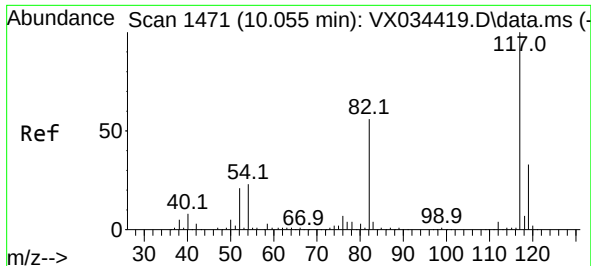
Tgt Ion: 92 Resp: 10164
Ion Ratio Lower Upper
92 100
91 171.8 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 46.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

Tgt Ion: 95 Resp: 241976
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 68.8 0.0 140.6

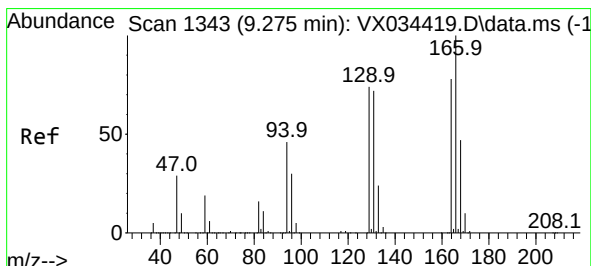
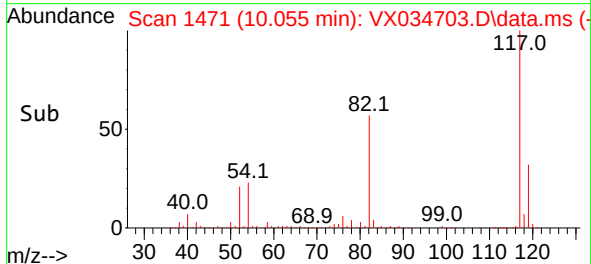
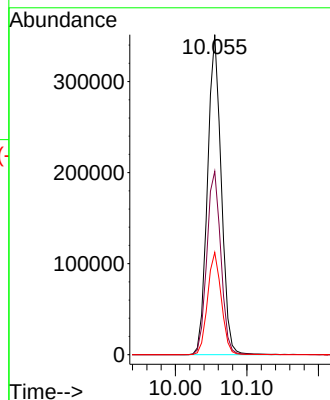
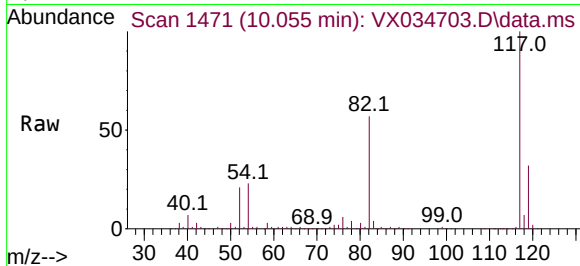




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

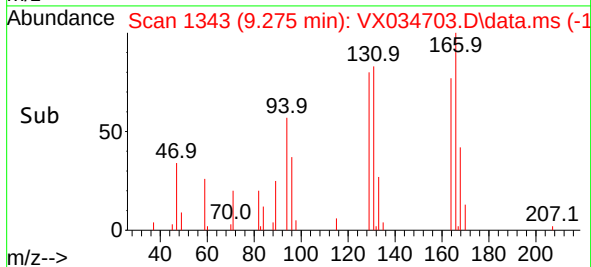
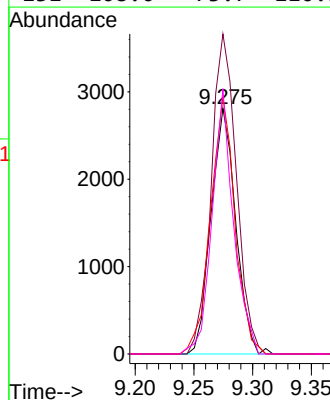
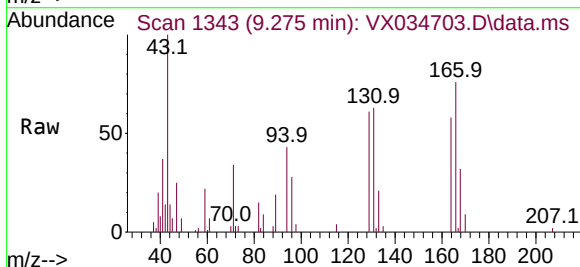
Instrument :
MSVOA_X
ClientSampleId :
WC1-5-20230322

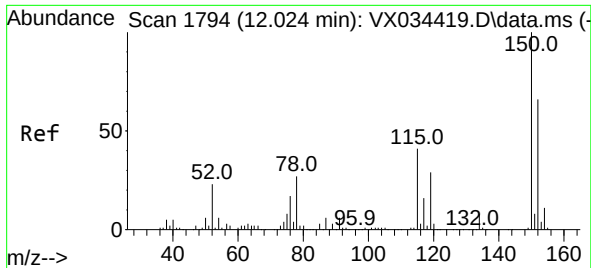
Tgt Ion:117 Resp: 468126
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 1.304 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034703.D
Acq: 23 Mar 2023 17:02

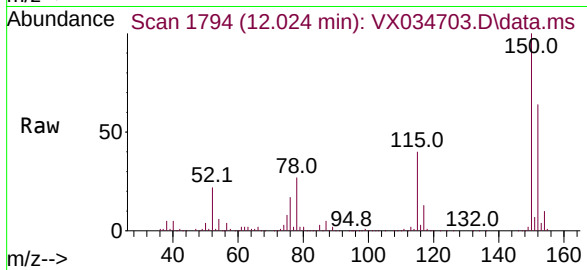
Tgt Ion:164 Resp: 4101
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 104.7 75.6 113.4
131 108.0 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034703.D
 Acq: 23 Mar 2023 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 WC1-5-20230322



Tgt Ion:152 Resp: 212756
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.0 135.0
 150 156.3 0.0 352.4

