

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035010.D
 Acq On : 11 Apr 2023 15:34
 Operator : JC/MD
 Sample : 02271-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040723

Quant Time: Apr 12 05:50:51 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)

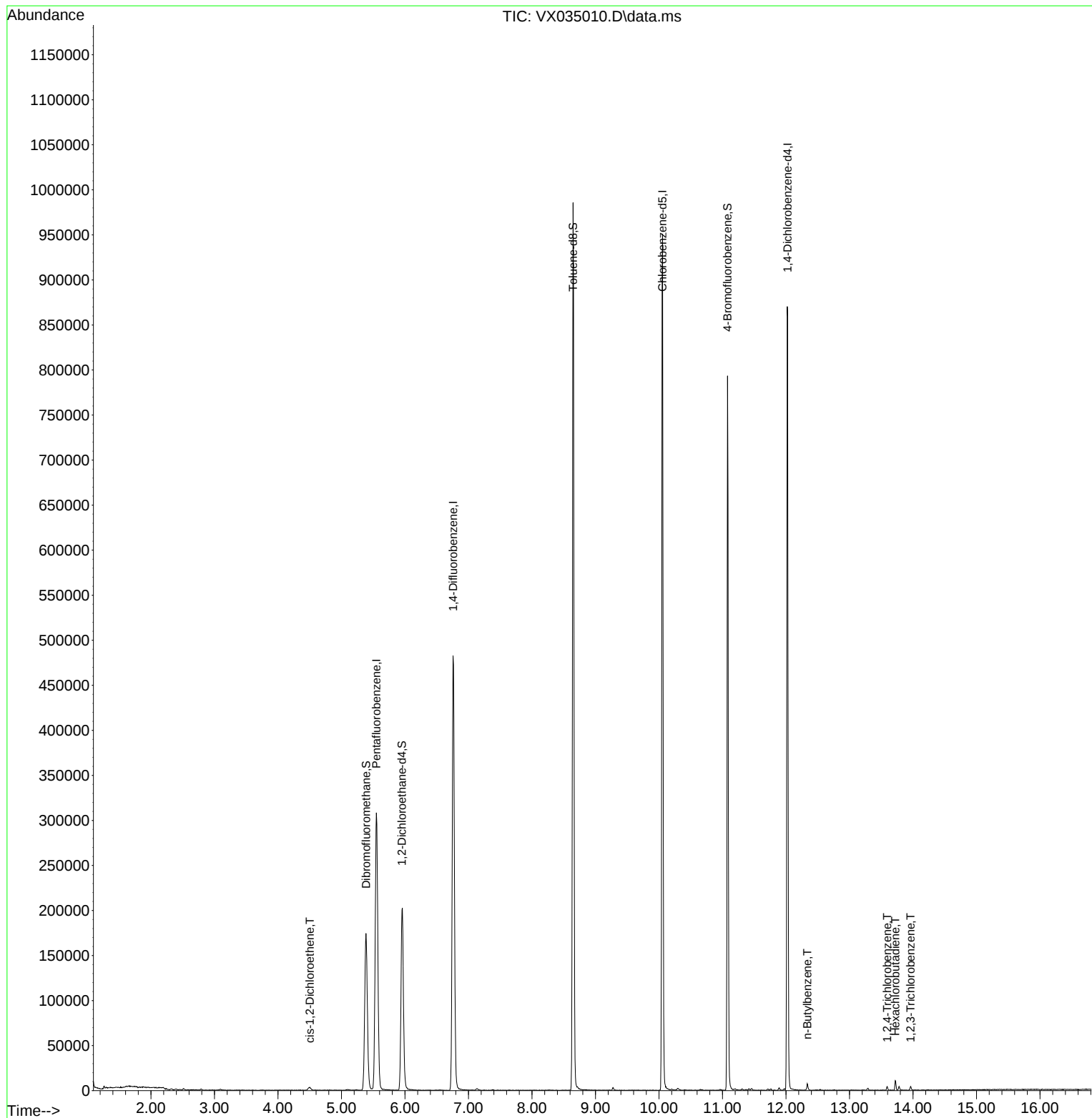
Internal Standards						
1) Pentafluorobenzene	5.550	168	286588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	431331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	200945	45.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.700%
35) Dibromofluoromethane	5.385	113	154122	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	581432	49.148	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	212308	46.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.501	96	2191	0.576	ug/l	86
89) n-Butylbenzene	12.335	91	2239	0.239	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1259	0.365	ug/l	92
94) Hexachlorobutadiene	13.719	225	1586	1.046	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	1270	0.365	ug/l	98

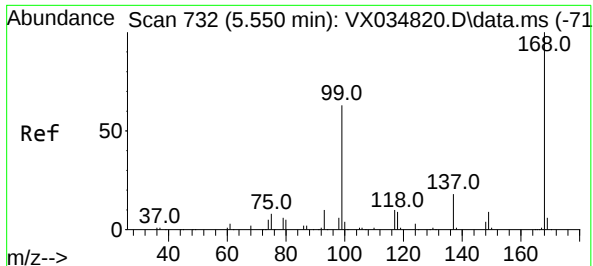
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

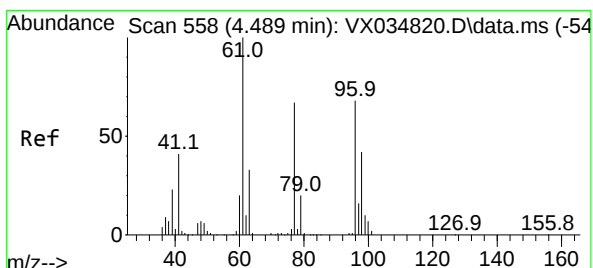
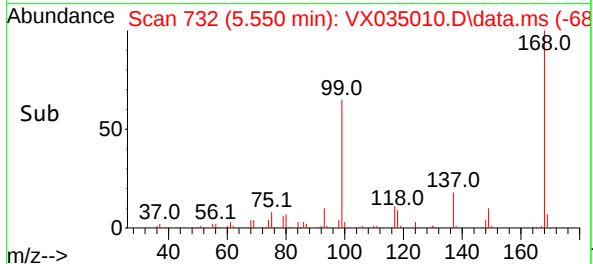
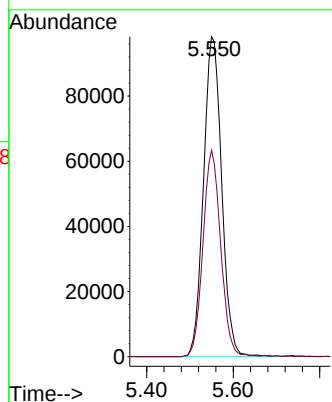
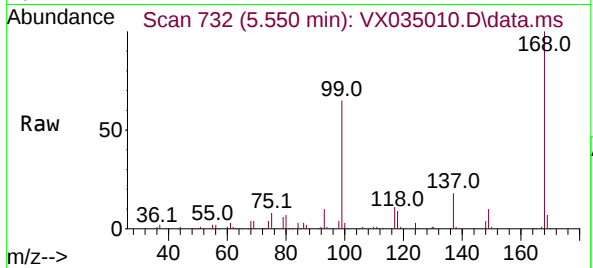




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

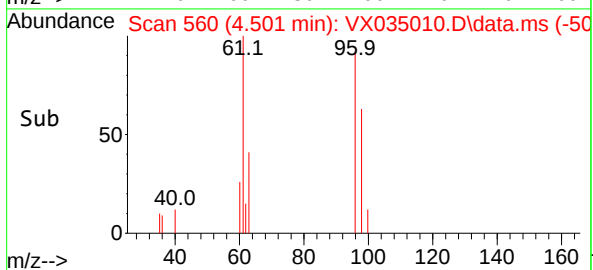
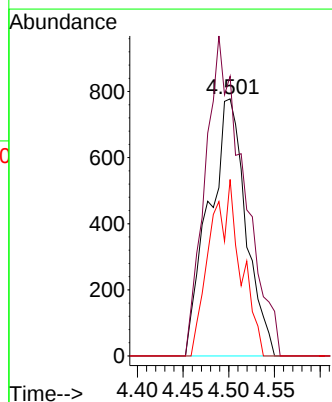
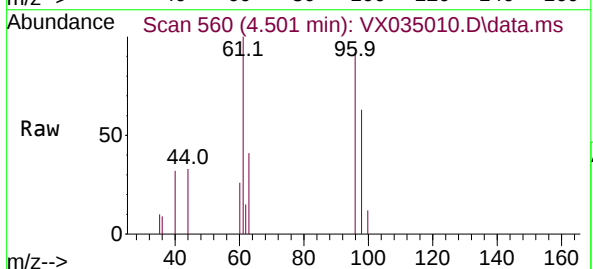
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

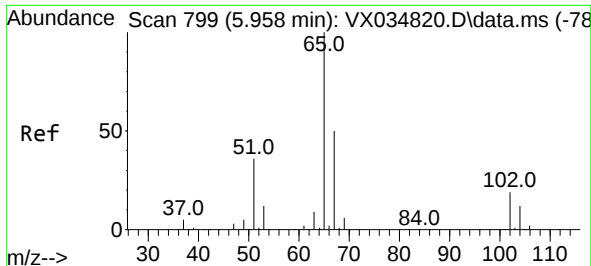
Tgt Ion:168 Resp: 286588
Ion Ratio Lower Upper
168 100
99 64.6 45.7 68.5



#27
cis-1,2-Dichloroethene
Concen: 0.576 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 96 Resp: 2191
Ion Ratio Lower Upper
96 100
61 129.1 0.0 300.4
98 57.3 0.0 129.0

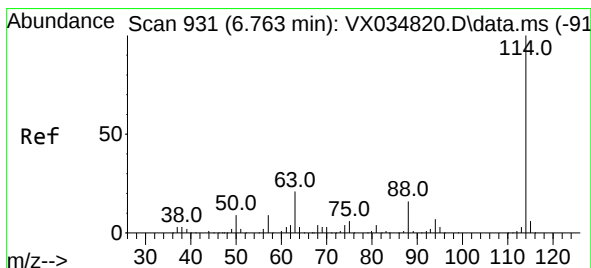
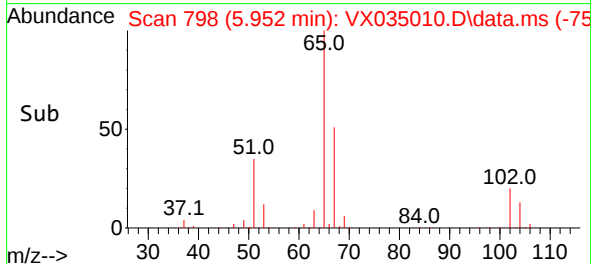
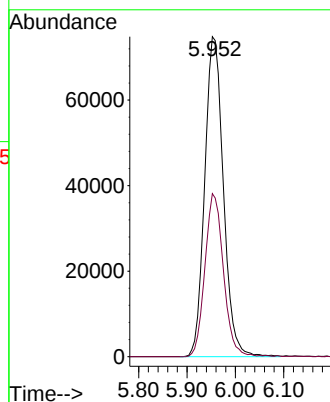
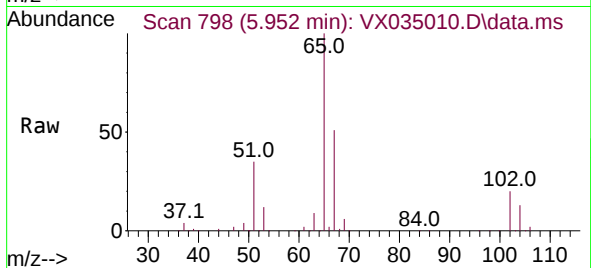




#33
 1,2-Dichloroethane-d4
 Concen: 45.847 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

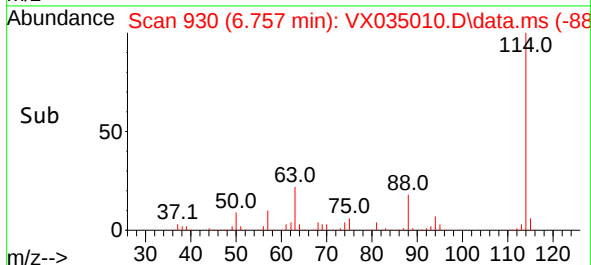
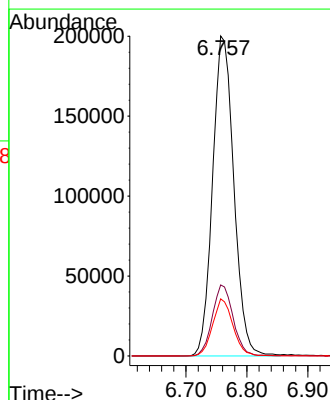
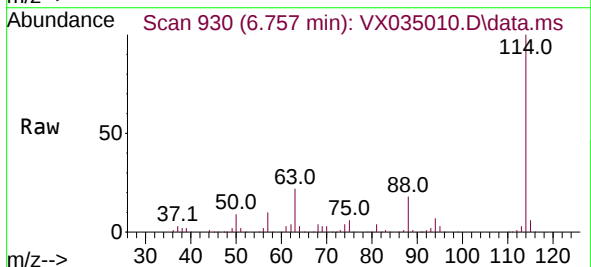
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040723

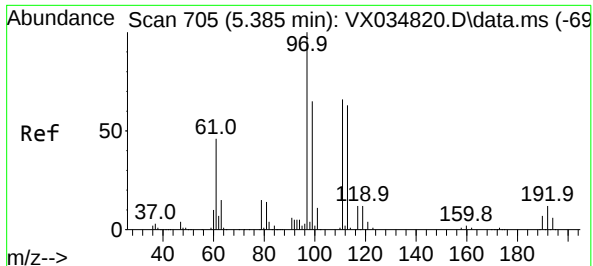
Tgt Ion: 65 Resp: 200945
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

Tgt Ion: 114 Resp: 484583
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.2
 88 17.8 0.0 33.2

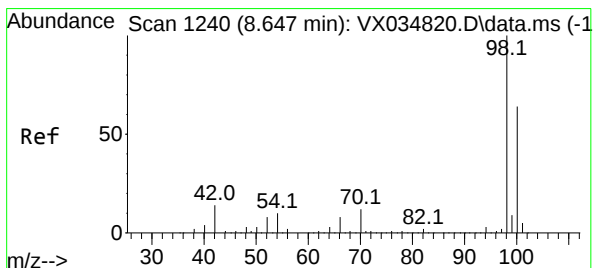
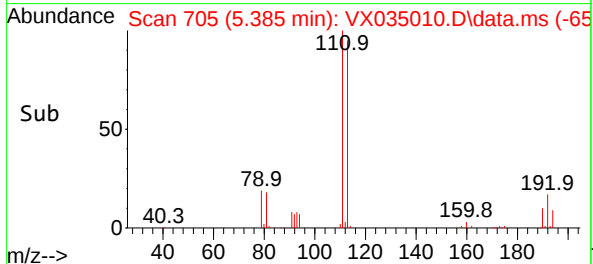
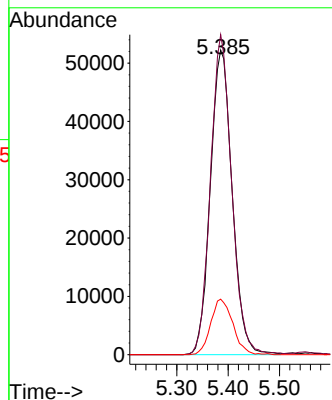
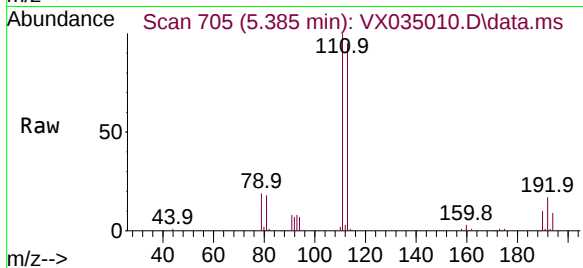




#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

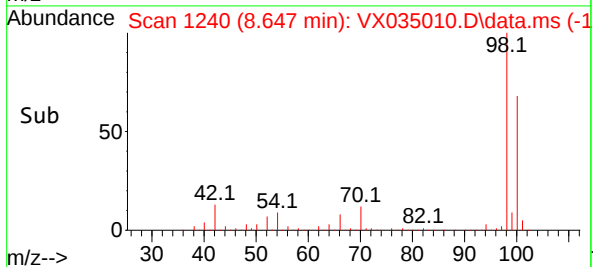
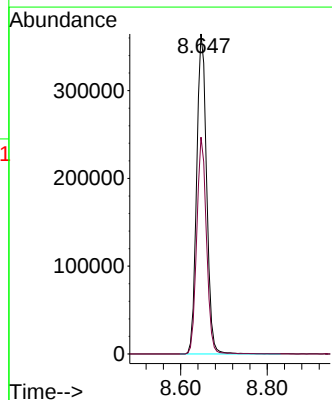
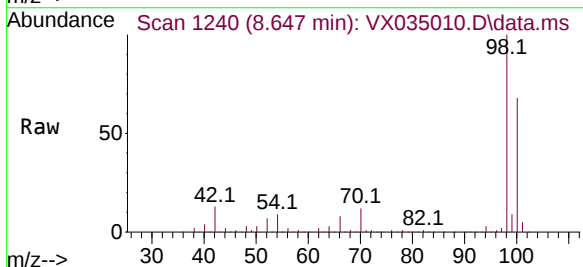
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

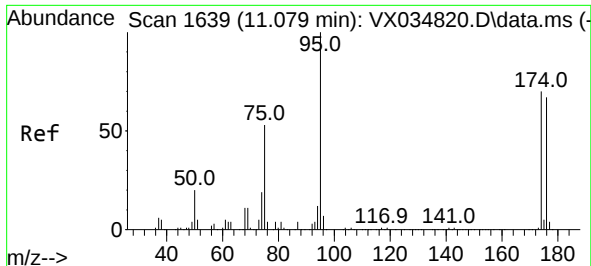
Tgt Ion:113 Resp: 154122
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 18.5 15.4 23.2



#50
Toluene-d8
Concen: 49.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 98 Resp: 581432
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

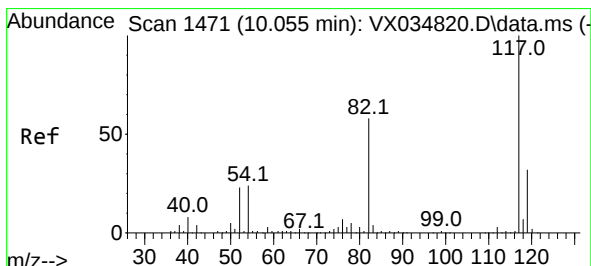
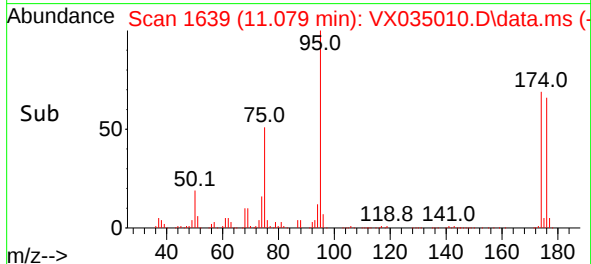
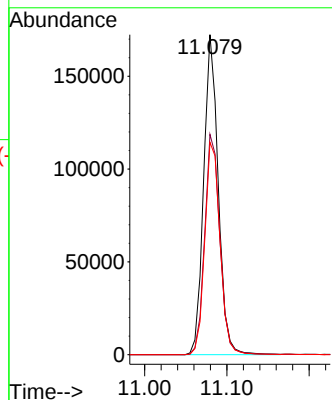
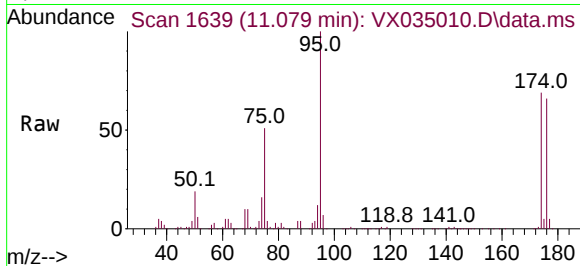




#62
4-Bromofluorobenzene
Concen: 46.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

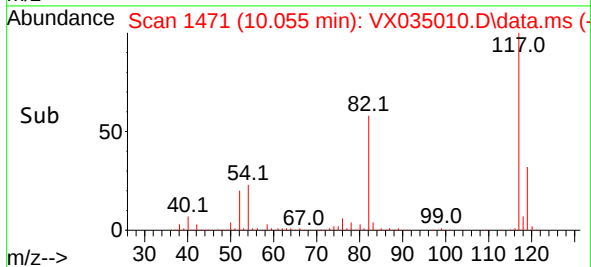
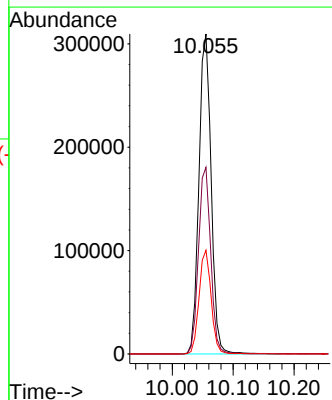
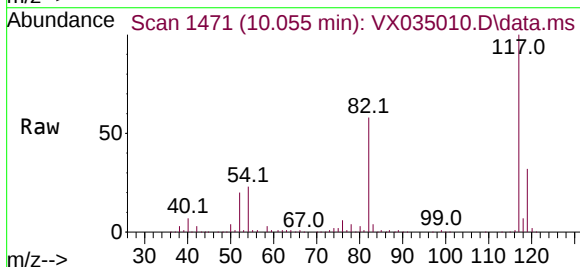
Instrument :
MSVOA_X
ClientSampleId :
MW-2-040723

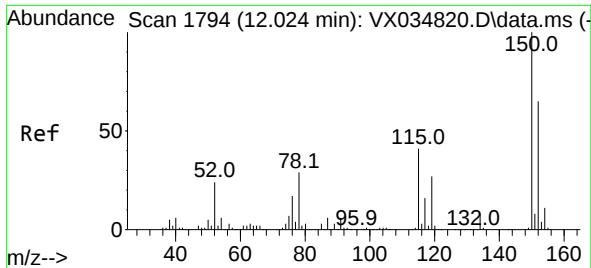
Tgt Ion: 95 Resp: 212308
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035010.D
Acq: 11 Apr 2023 15:34

Tgt Ion: 117 Resp: 431331
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.4 26.0 39.0

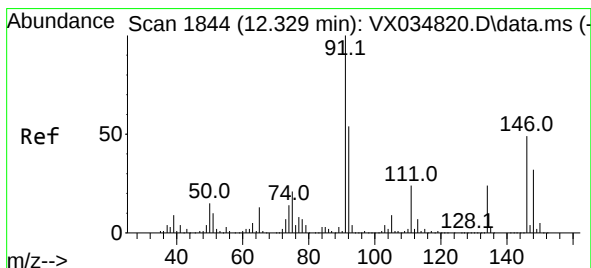
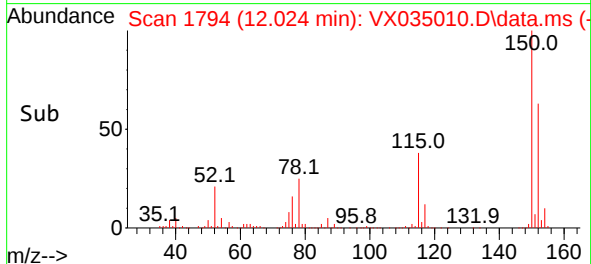
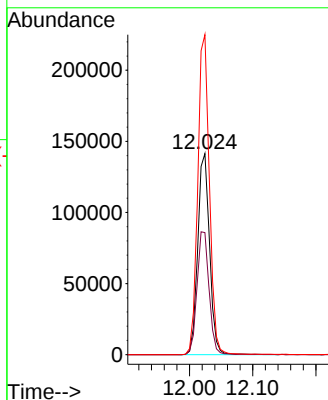
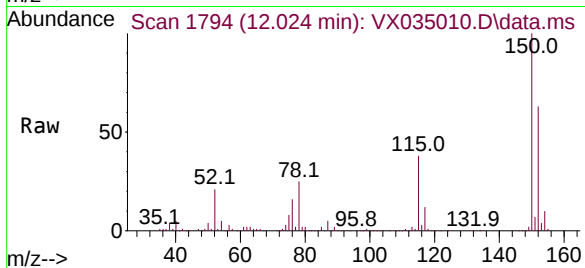




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

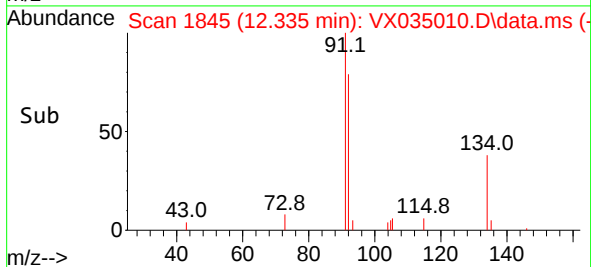
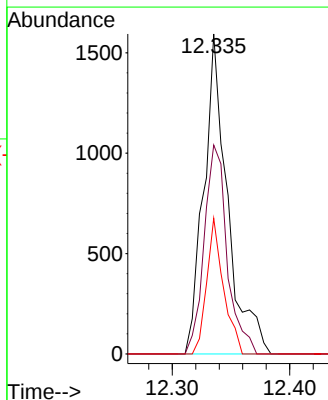
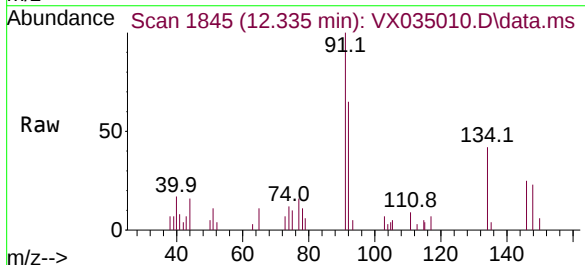
Instrument :
 MSVOA_X
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 MW-2-040723

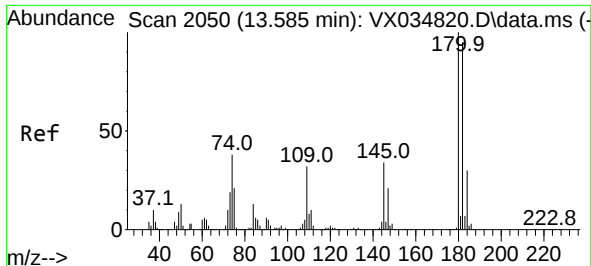
Tgt Ion:152 Resp: 184117
 Ion Ratio Lower Upper
 152 100
 115 62.2 45.0 135.0
 150 156.8 0.0 352.4



#89
 n-Butylbenzene
 Concen: 0.239 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

Tgt Ion: 91 Resp: 2239
 Ion Ratio Lower Upper
 91 100
 92 63.0 27.7 83.0
 134 29.9 13.0 38.9





#93

1,2,4-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-2-040723

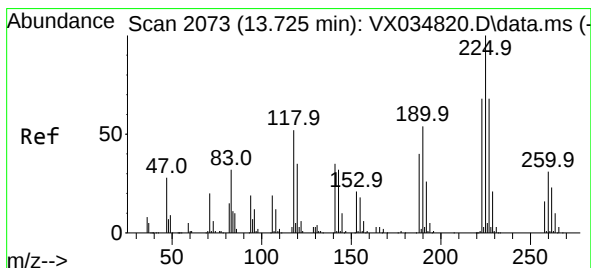
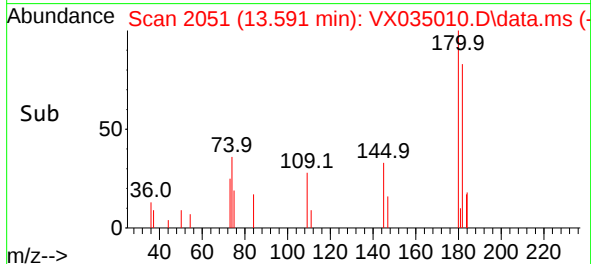
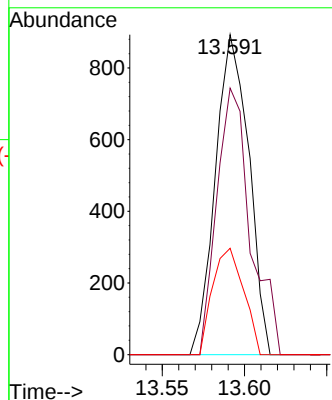
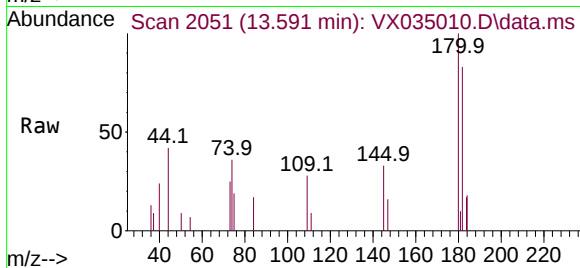
Tgt Ion:180 Resp: 1259

Ion Ratio Lower Upper

180 100

182 84.1 47.0 141.0

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.046 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX035010.D

Acq: 11 Apr 2023 15:34

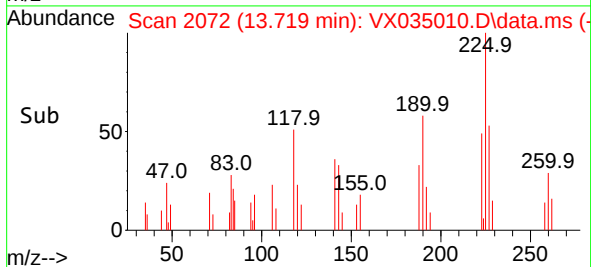
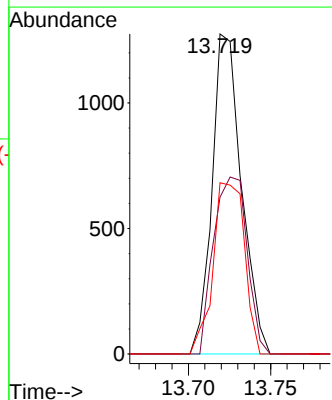
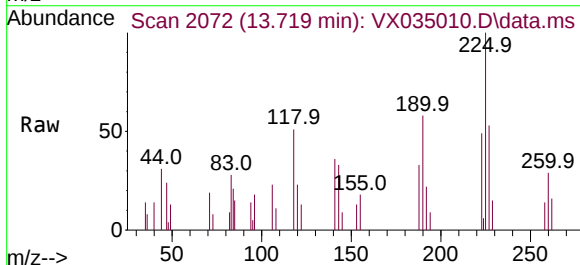
Tgt Ion:225 Resp: 1586

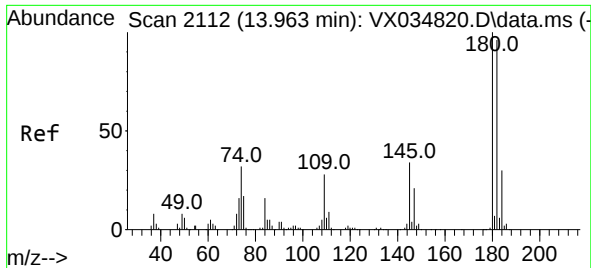
Ion Ratio Lower Upper

225 100

223 63.0 32.1 96.5

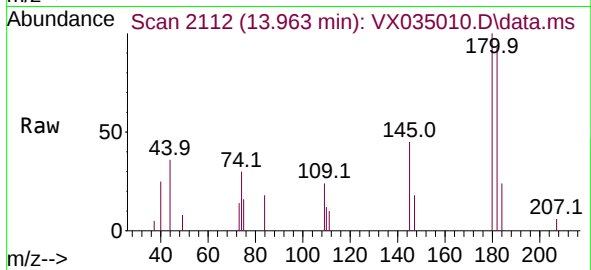
227 57.0 31.8 95.4





#96
 1,2,3-Trichlorobenzene
 Concen: 0.365 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035010.D
 Acq: 11 Apr 2023 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-040723



Tgt Ion:	180	Resp:	1270
Ion	Ratio	Lower	Upper
180	100		
182	98.7	48.0	144.2
145	35.9	17.7	53.1

