

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035425.D
 Acq On : 29 Apr 2023 15:43
 Operator : JC/MD
 Sample : 02522-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: May 01 04:29:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

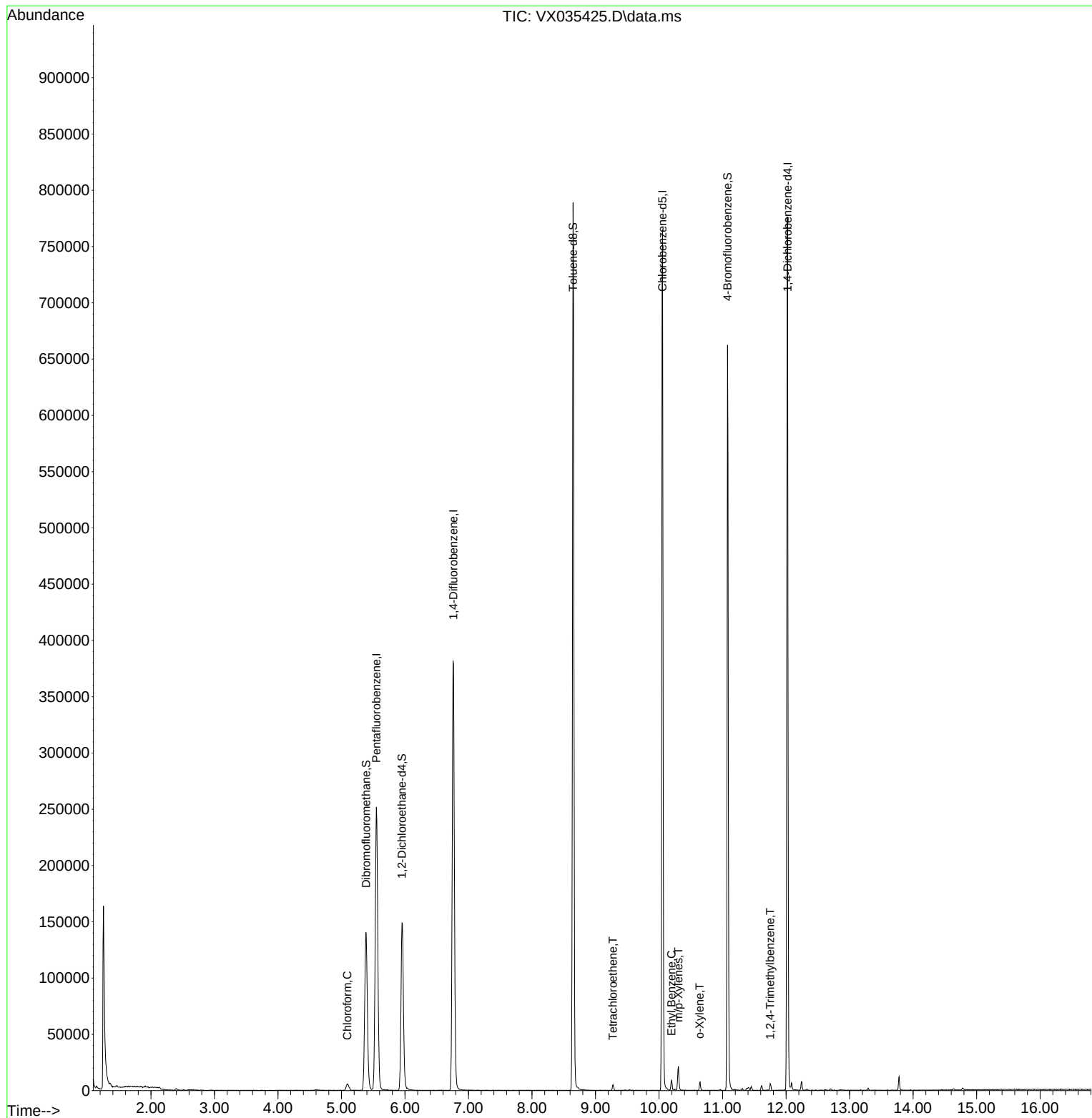
Internal Standards						
1) Pentafluorobenzene	5.550	168	246611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145627	48.947	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.900%	
35) Dibromofluoromethane	5.385	113	125261	49.719	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.440%	
50) Toluene-d8	8.647	98	472367	49.702	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.400%	
62) 4-Bromofluorobenzene	11.079	95	180711	50.546	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.100%	
Target Compounds						
					Qvalue	
30) Chloroform	5.093	83	7422	1.565	ug/l	94
64) Tetrachloroethene	9.275	164	954	0.339	ug/l #	85
67) Ethyl Benzene	10.195	91	5670	0.411	ug/l	97
68) m/p-Xylenes	10.305	106	5170	0.979	ug/l	98
69) o-Xylene	10.640	106	1760	0.340	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	3236	0.302	ug/l	96

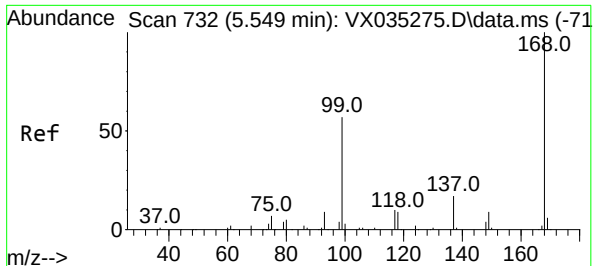
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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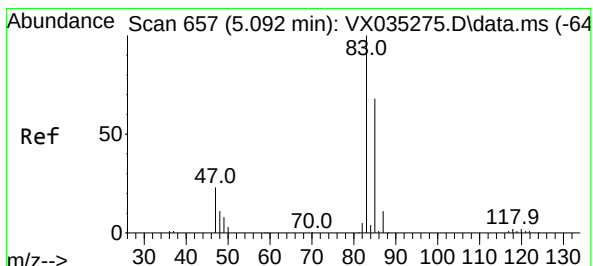
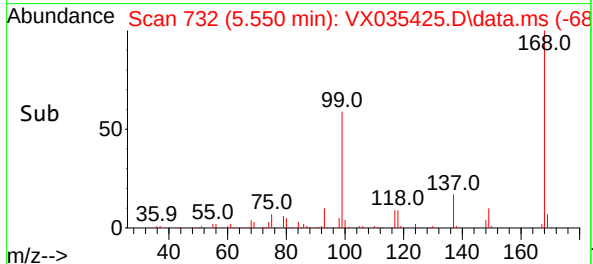
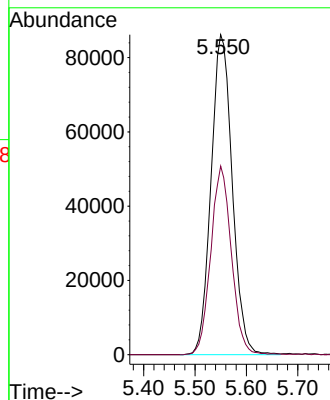
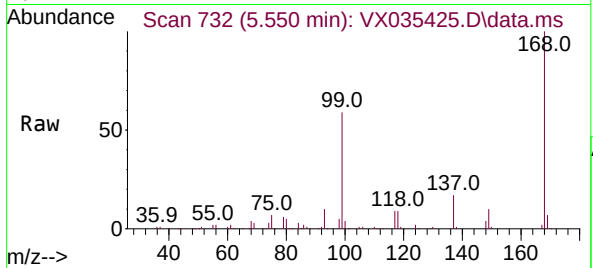




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

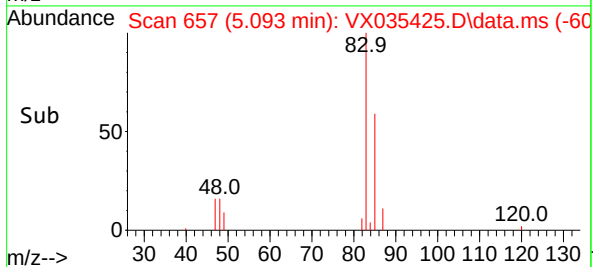
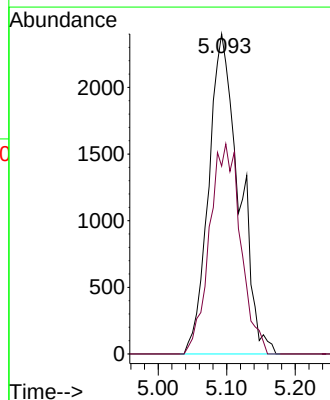
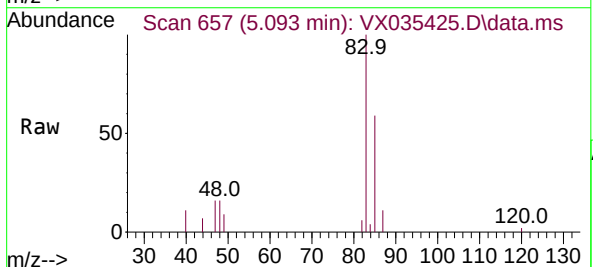
Instrument :
MSVOA_X
ClientSampleId :
MW-7

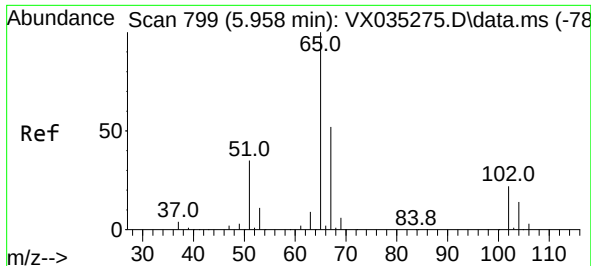
Tgt Ion:168 Resp: 246611
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#30
Chloroform
Concen: 1.565 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 83 Resp: 7422
Ion Ratio Lower Upper
83 100
85 58.7 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 48.947 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

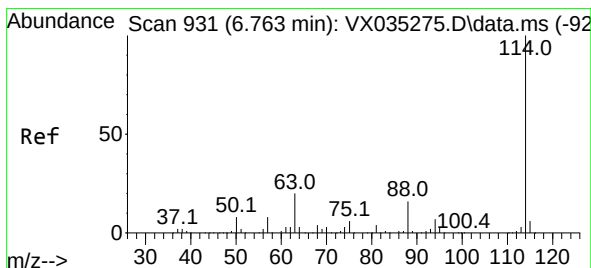
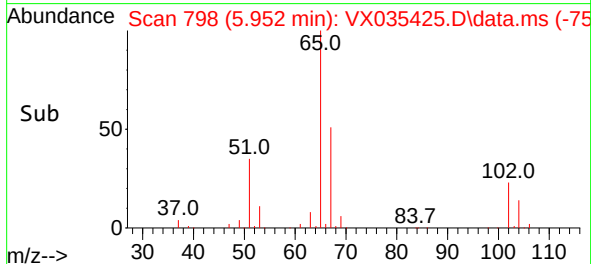
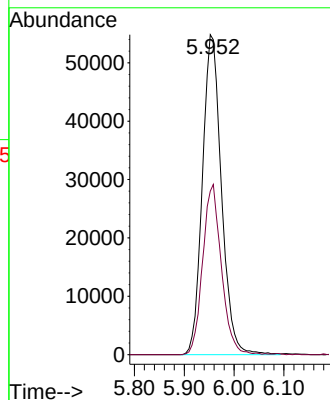
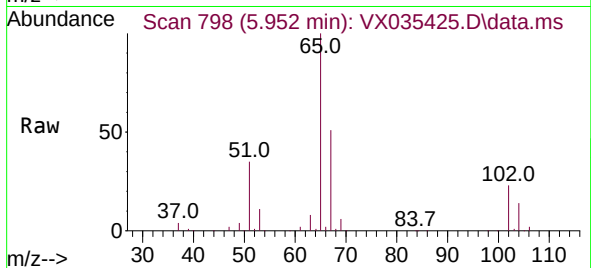
MW-7

Tgt Ion: 65 Resp: 145627

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

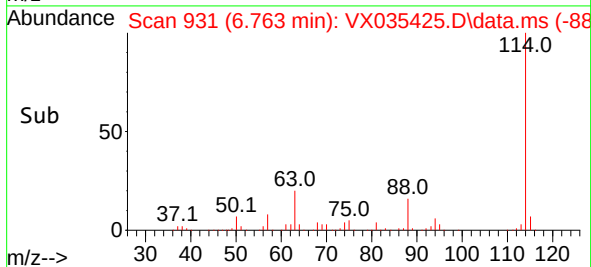
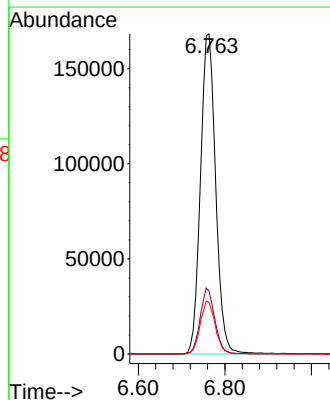
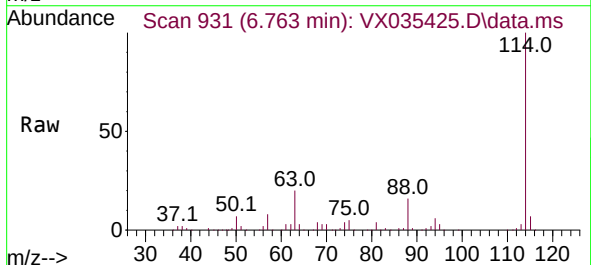
Tgt Ion: 114 Resp: 410474

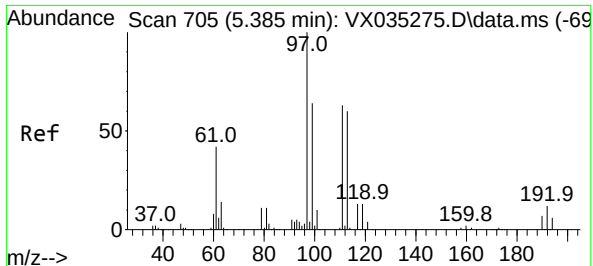
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.719 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

MW-7

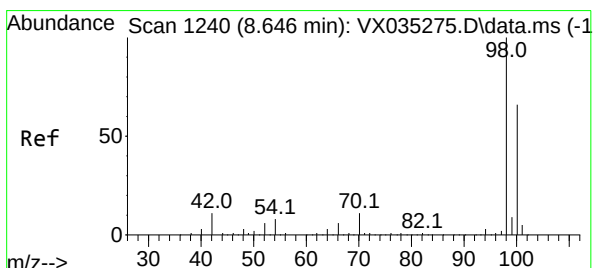
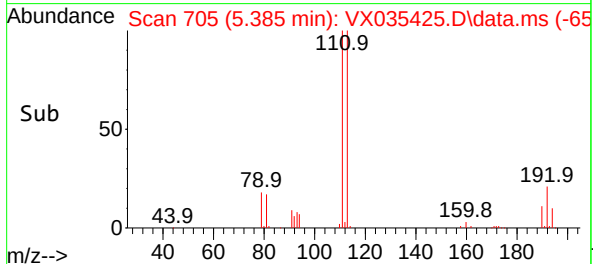
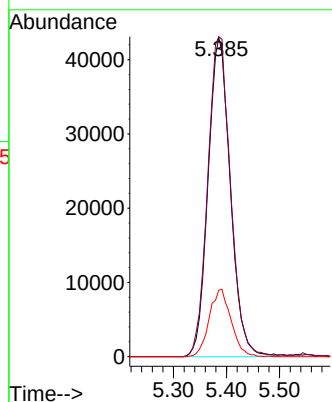
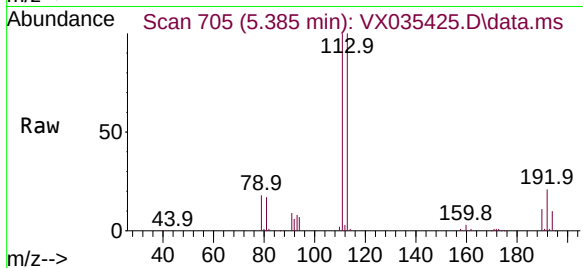
Tgt Ion:113 Resp: 125261

Ion Ratio Lower Upper

113 100

111 102.8 83.7 125.5

192 20.7 15.4 23.2



#50

Toluene-d8

Concen: 49.702 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035425.D

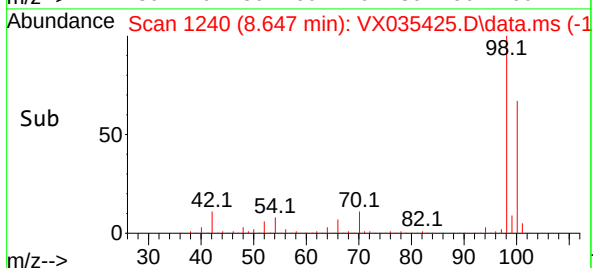
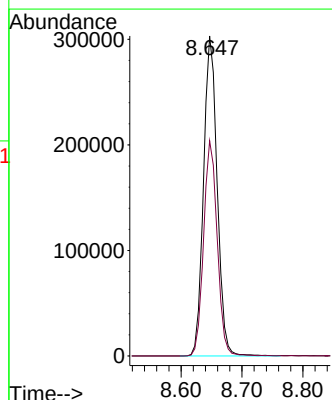
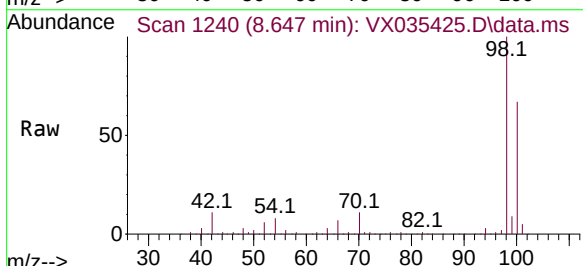
Acq: 29 Apr 2023 15:43

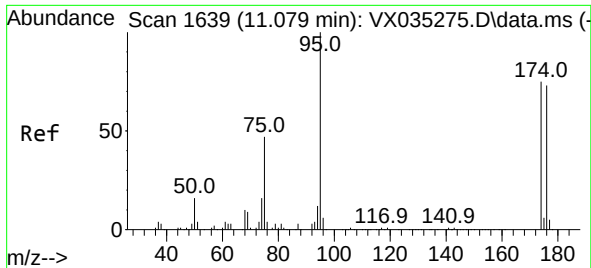
Tgt Ion: 98 Resp: 472367

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7

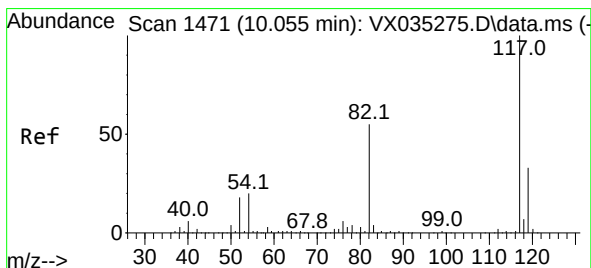
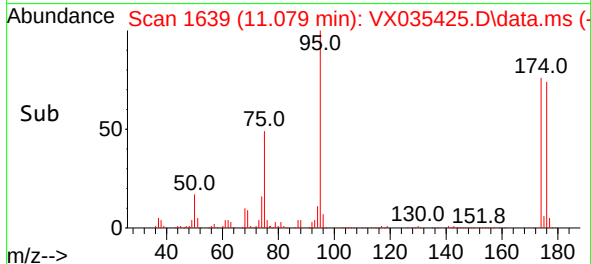
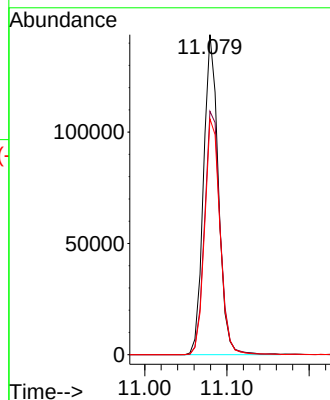
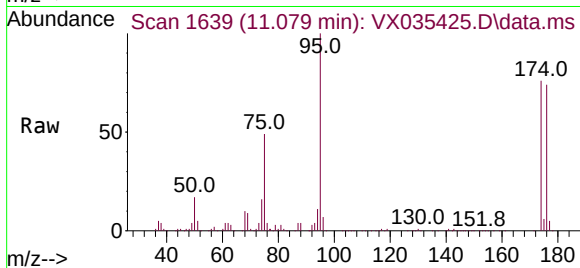




#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

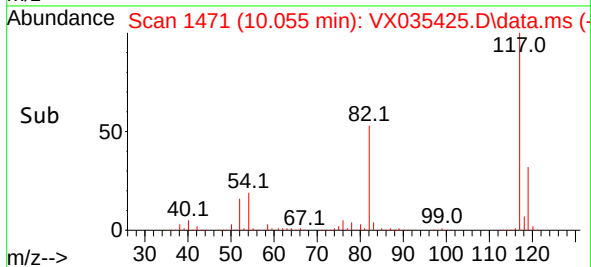
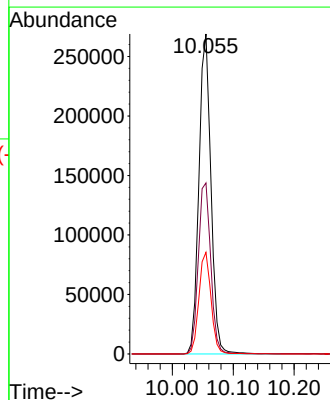
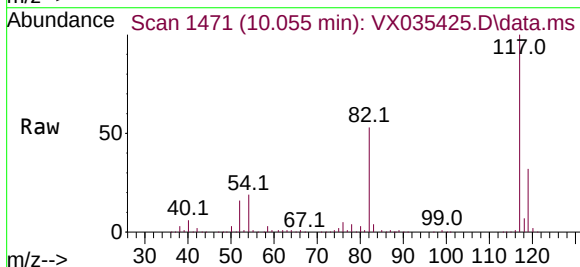
Instrument :
MSVOA_X
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MW-7

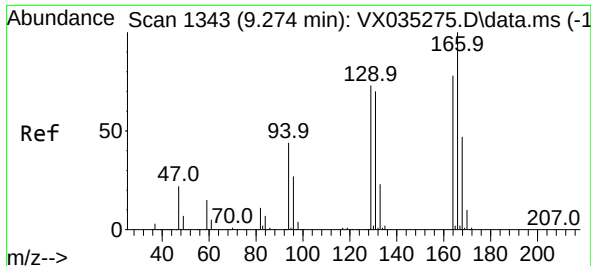
Tgt Ion: 95 Resp: 180711
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 117 Resp: 367794
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.8 26.0 39.0



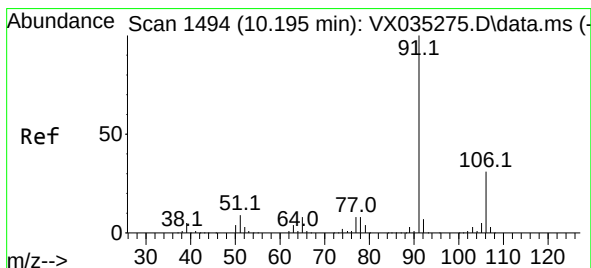
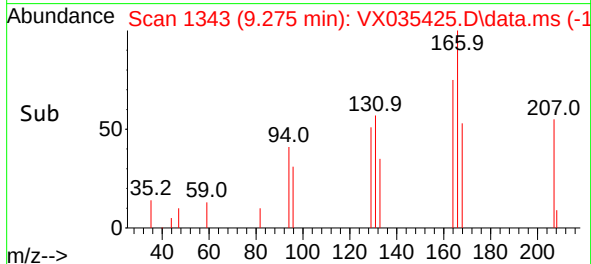
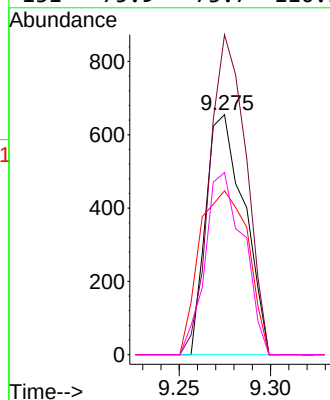
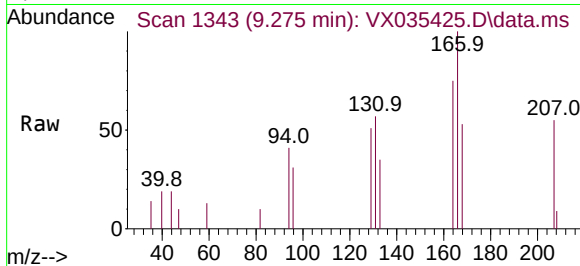


#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 954

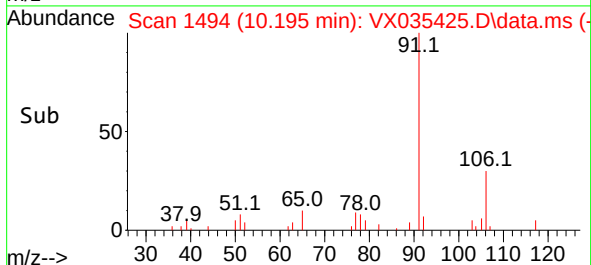
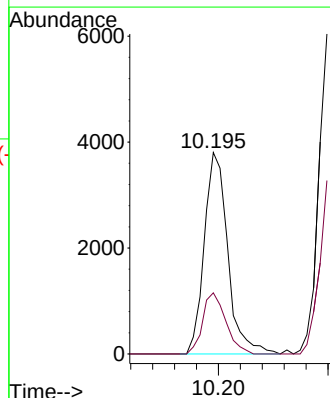
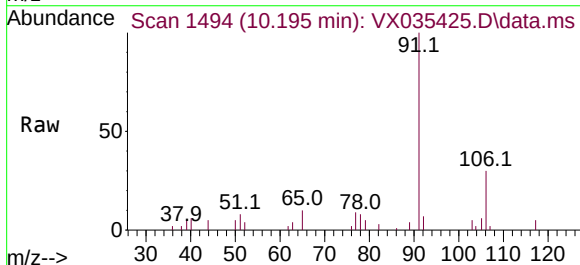
Ion	Ratio	Lower	Upper
164	100		
166	133.3	102.7	154.1
129	68.2	75.6	113.4#
131	75.9	73.7	110.5

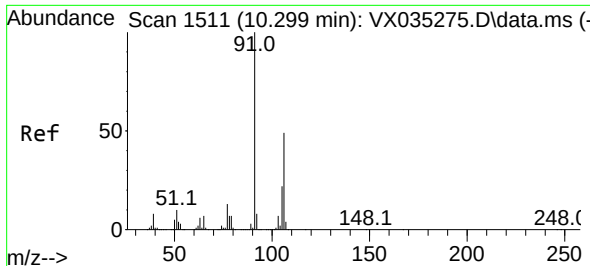


#67
Ethyl Benzene
Concen: 0.411 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 91 Resp: 5670

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.6	38.4

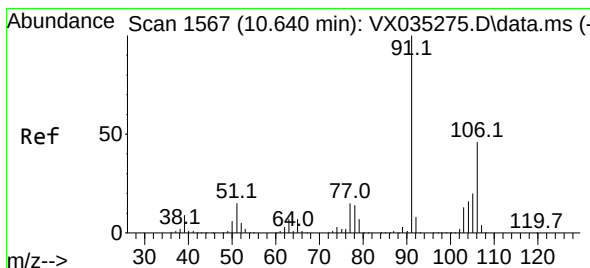
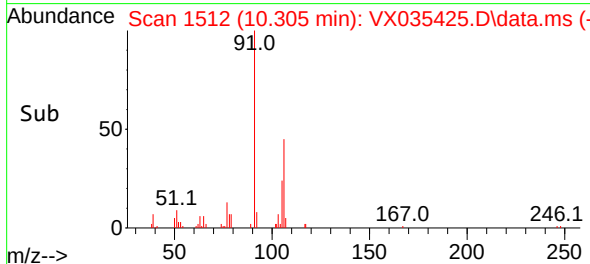
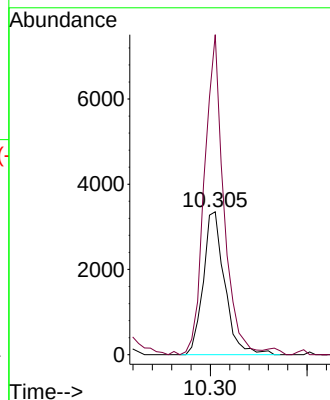
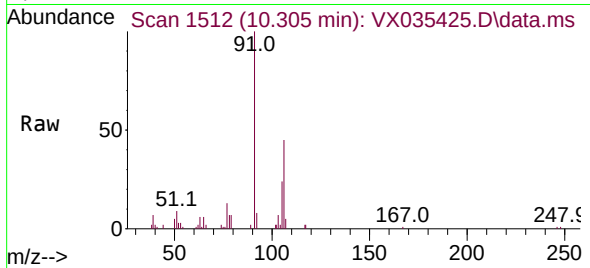




#68
m/p-Xylenes
Concen: 0.979 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

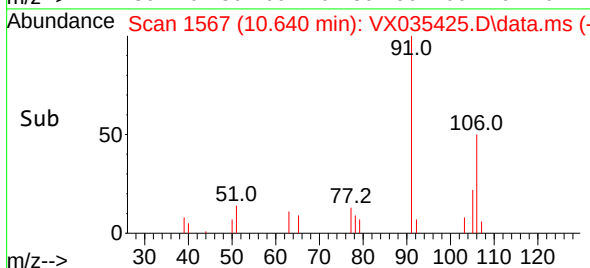
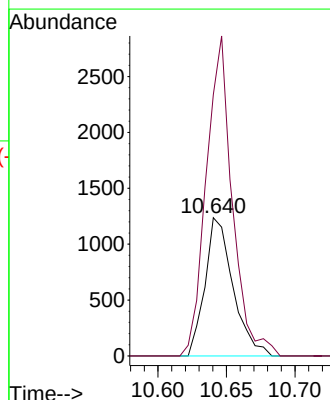
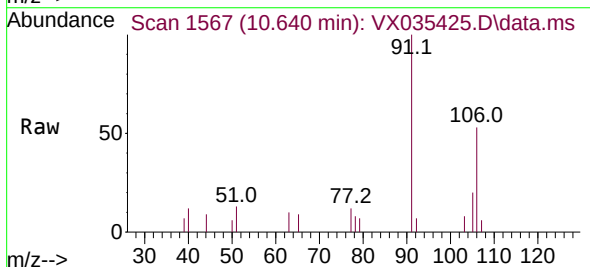
Instrument :
MSVOA_X
ClientSampleId :
MW-7

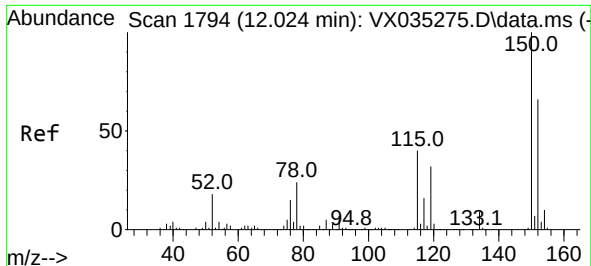
Tgt Ion:106 Resp: 5170
Ion Ratio Lower Upper
106 100
91 202.1 164.0 246.0



#69
o-Xylene
Concen: 0.340 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion:106 Resp: 1760
Ion Ratio Lower Upper
106 100
91 215.5 108.5 325.3

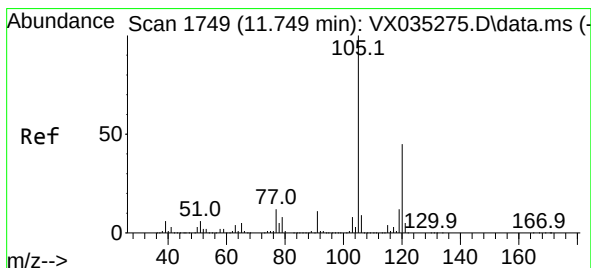
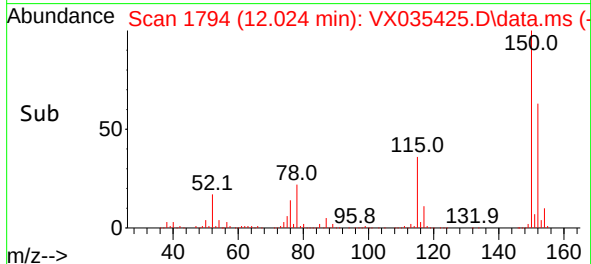
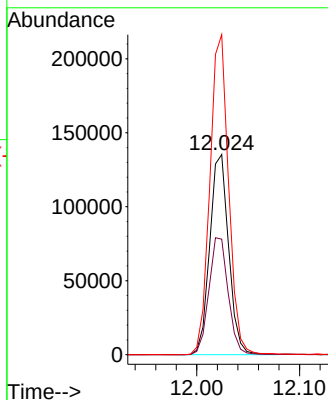
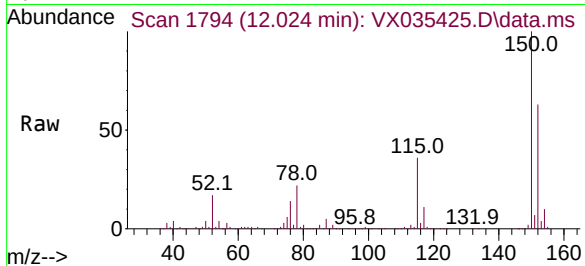




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX035425.D
 Acq: 29 Apr 2023 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Tgt Ion:152 Resp: 172893
 Ion Ratio Lower Upper
 152 100
 115 59.7 45.0 135.0
 150 158.1 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.302 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035425.D
 Acq: 29 Apr 2023 15:43

Tgt Ion:105 Resp: 3236
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.4 67.0

