

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035351.D
 Acq On : 27 Apr 2023 19:03
 Operator : JC/MD
 Sample : 02494-01 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Apr 28 05:09:56 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)

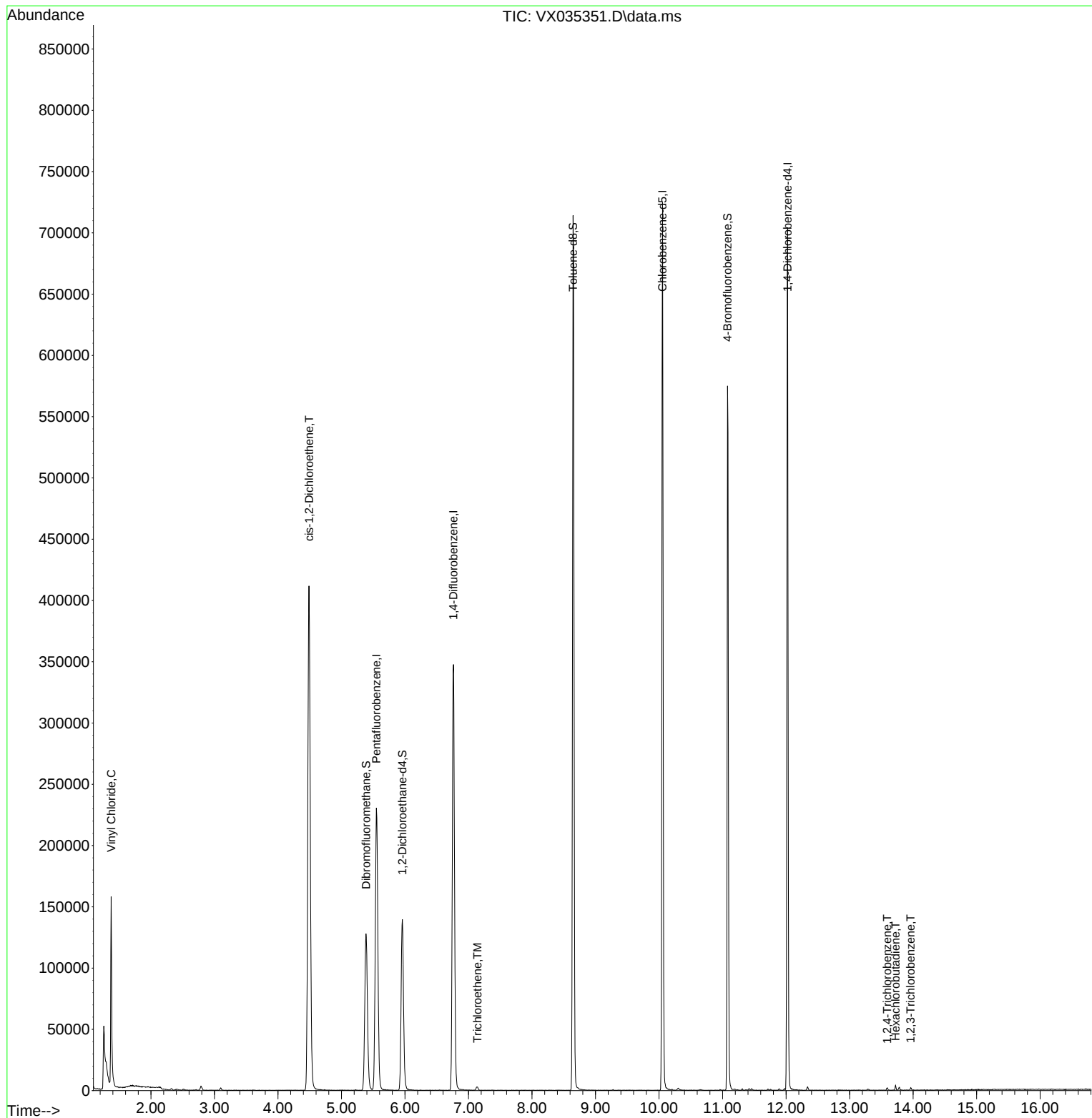
Internal Standards						
1) Pentafluorobenzene	5.549	168	226530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135531	49.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.180%
35) Dibromofluoromethane	5.385	113	115055	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.646	98	433500	50.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.300%
62) 4-Bromofluorobenzene	11.079	95	162814	50.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.140%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	103731	47.431	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	271581	96.689	ug/l	85
44) Trichloroethene	7.141	130	1265	0.452	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	718	0.212	ug/l	89
94) Hexachlorobutadiene	13.725	225	650	0.437	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	749	0.219	ug/l	85

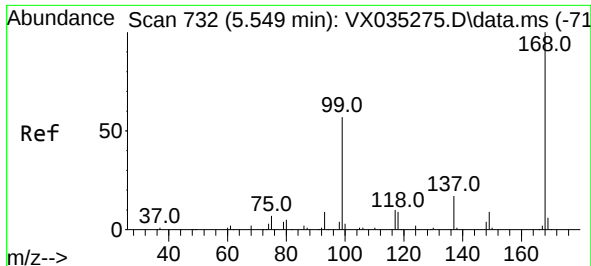
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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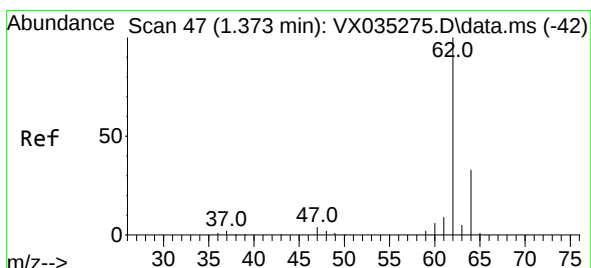
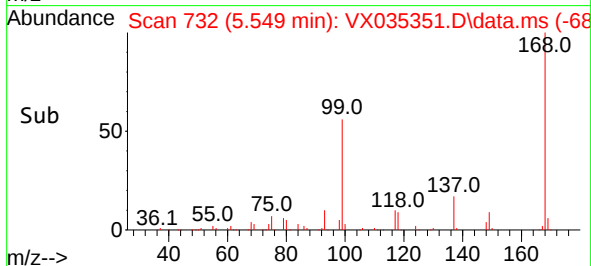
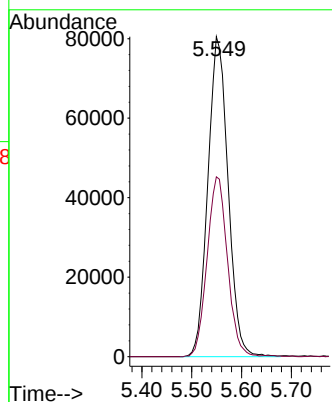
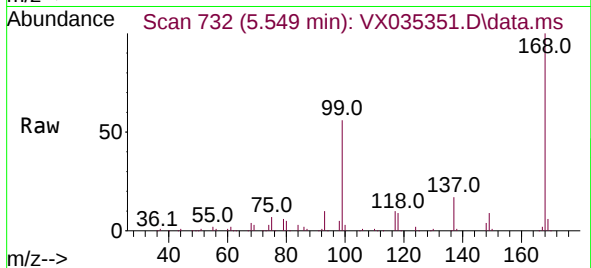




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

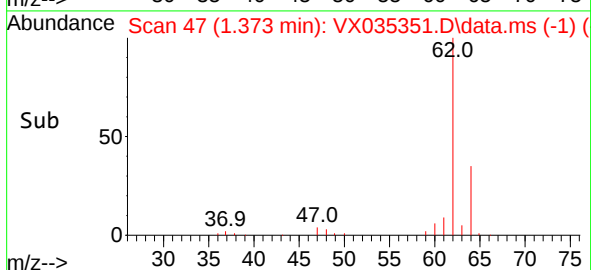
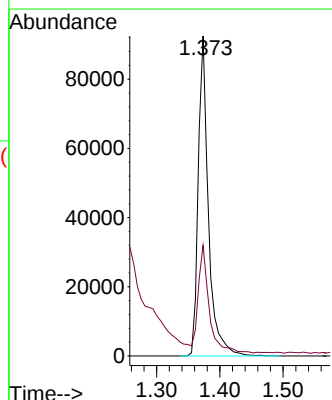
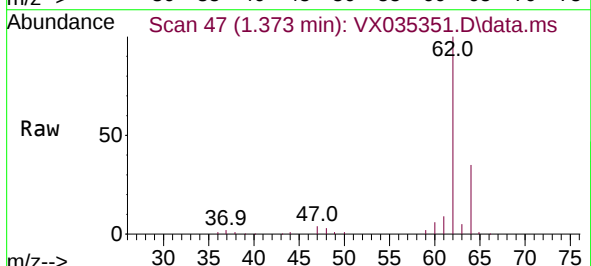
Instrument :
MSVOA_X
ClientSampleId :
MW-22

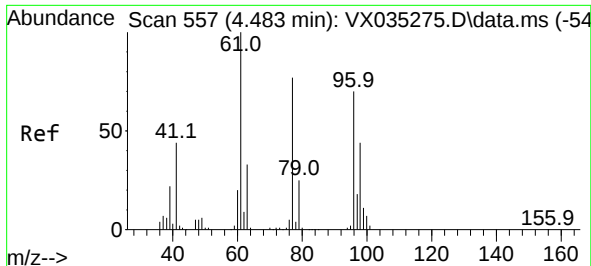
Tgt Ion:168 Resp: 226530
Ion Ratio Lower Upper
168 100
99 56.2 45.7 68.5



#4
Vinyl Chloride
Concen: 47.431 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

Tgt Ion: 62 Resp: 103731
Ion Ratio Lower Upper
62 100
64 33.5 26.4 39.6





#27

cis-1,2-Dichloroethene

Concen: 96.689 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035351.D

Acq: 27 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-22

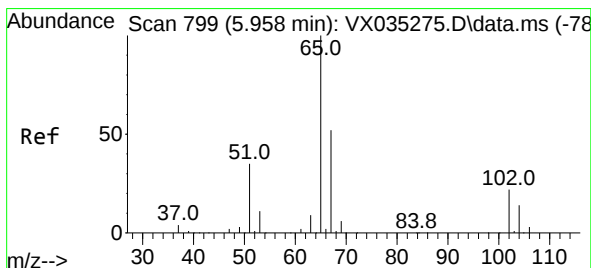
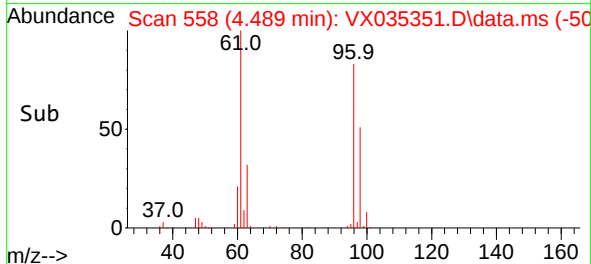
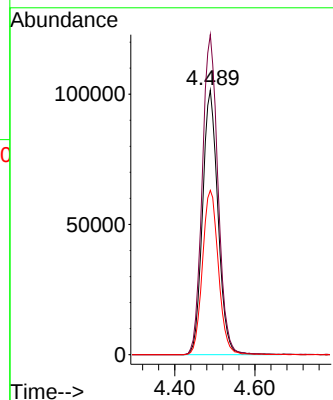
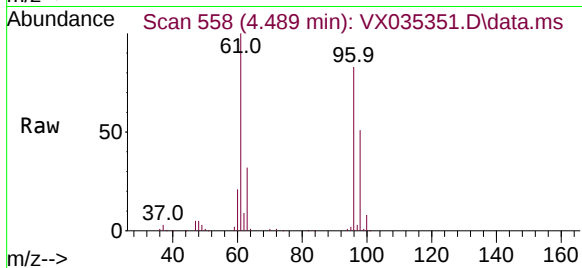
Tgt Ion: 96 Resp: 271581

Ion Ratio Lower Upper

96 100

61 123.3 0.0 300.4

98 64.0 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035351.D

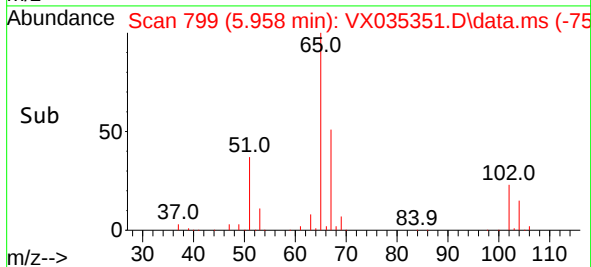
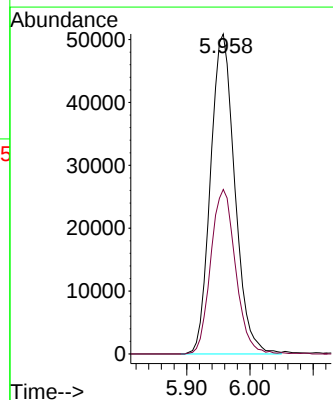
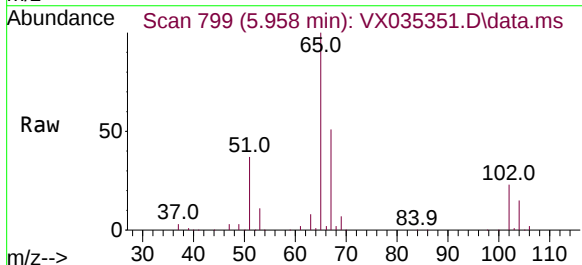
Acq: 27 Apr 2023 19:03

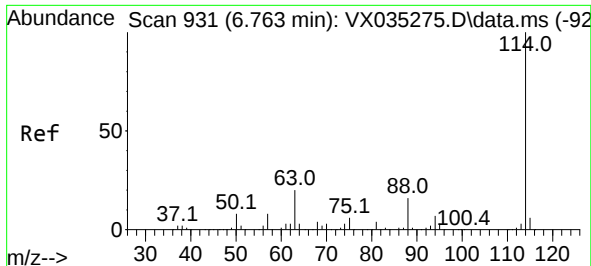
Tgt Ion: 65 Resp: 135531

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0

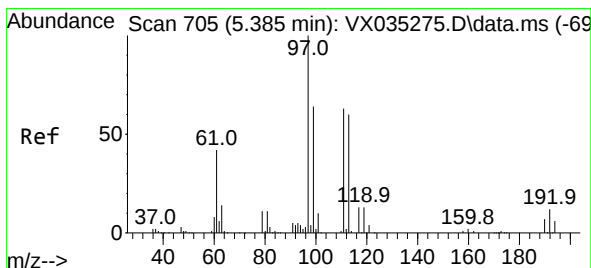
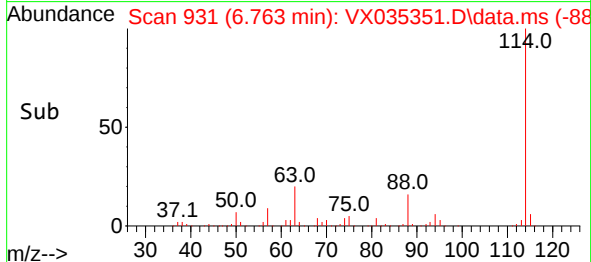
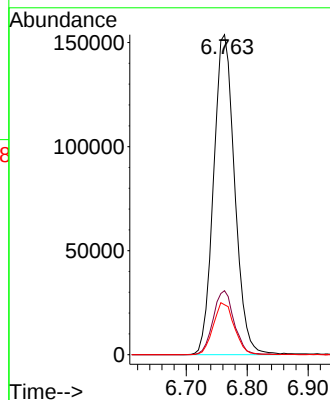
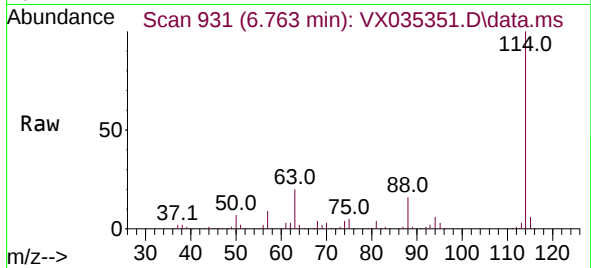




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

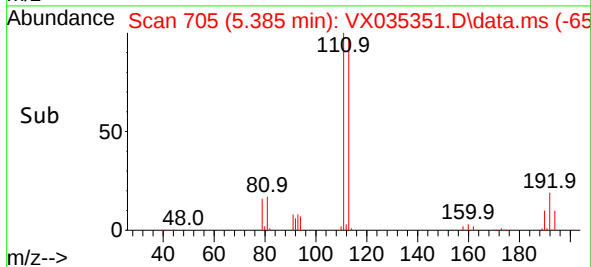
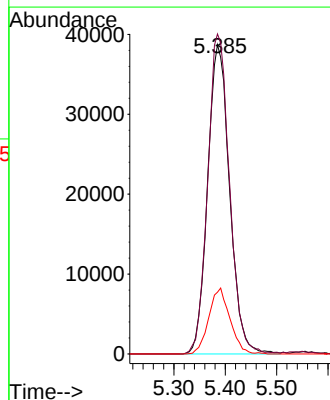
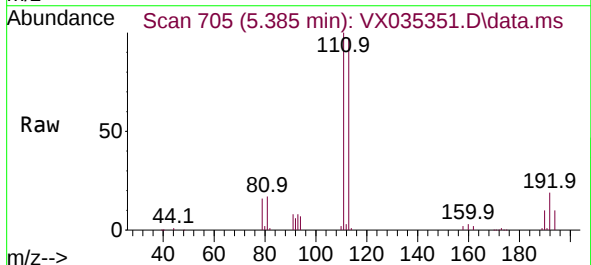
Instrument :
MSVOA_X
ClientSampleId :
MW-22

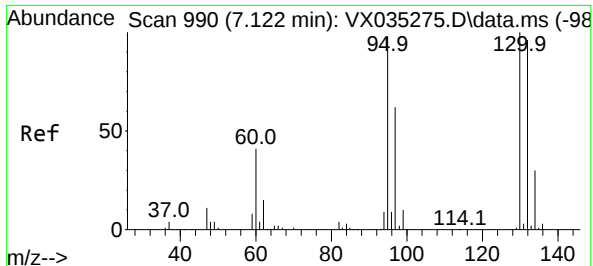
Tgt Ion:114 Resp: 369676
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

Tgt Ion:113 Resp: 115055
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.4 15.4 23.2

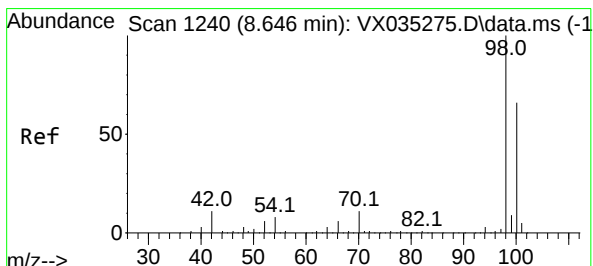
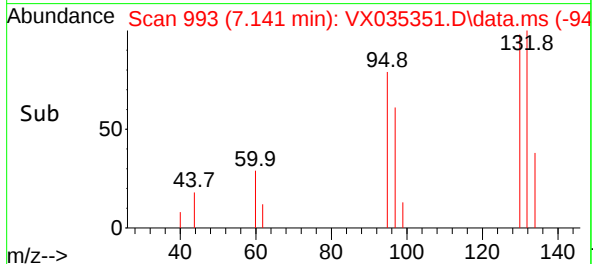
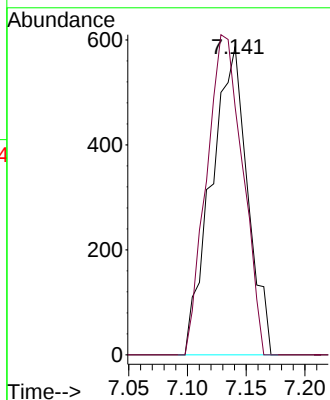
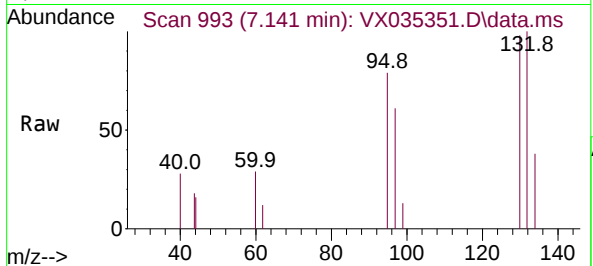




#44
 Trichloroethene
 Concen: 0.452 ug/l
 RT: 7.141 min Scan# 993
 Delta R.T. 0.019 min
 Lab File: VX035351.D
 Acq: 27 Apr 2023 19:03

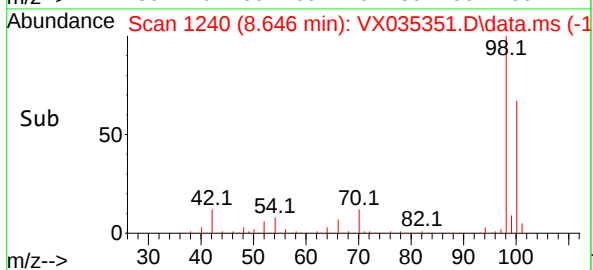
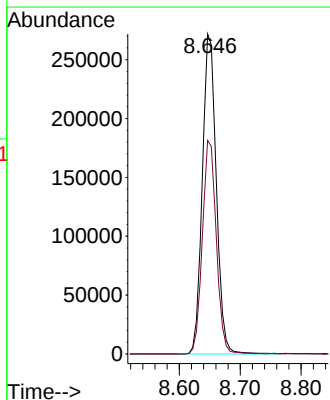
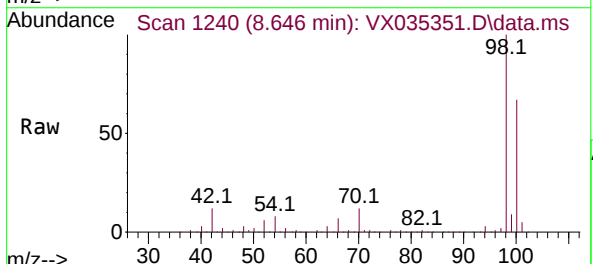
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

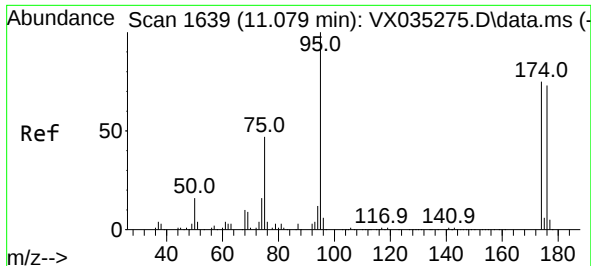
Tgt Ion:130 Resp: 1265
 Ion Ratio Lower Upper
 130 100
 95 80.4 0.0 198.4



#50
 Toluene-d8
 Concen: 50.647 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX035351.D
 Acq: 27 Apr 2023 19:03

Tgt Ion: 98 Resp: 433500
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 50.566 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035351.D

Acq: 27 Apr 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-22

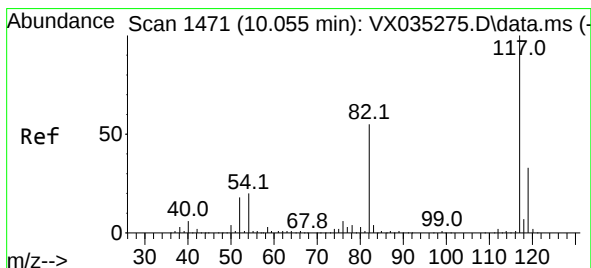
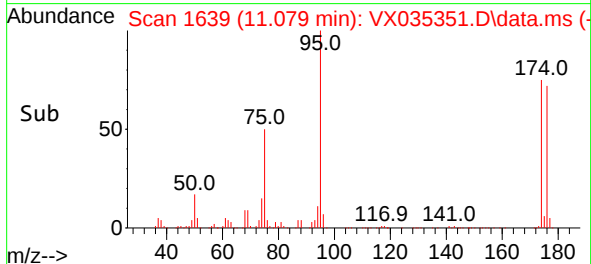
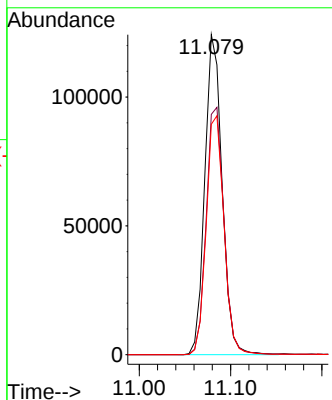
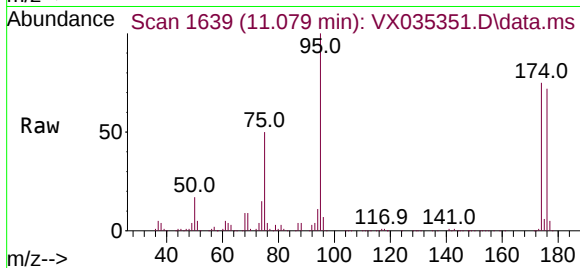
Tgt Ion: 95 Resp: 162814

Ion Ratio Lower Upper

95 100

174 79.6 0.0 147.4

176 76.8 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: VX035351.D

Acq: 27 Apr 2023 19:03

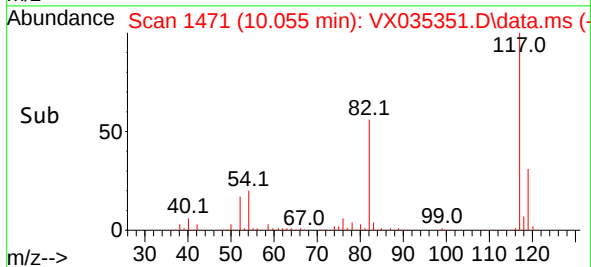
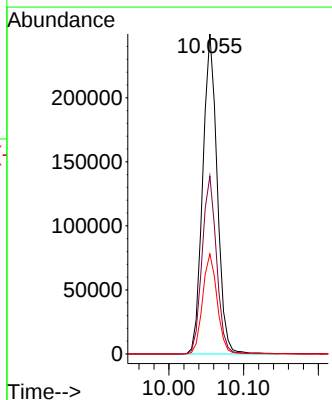
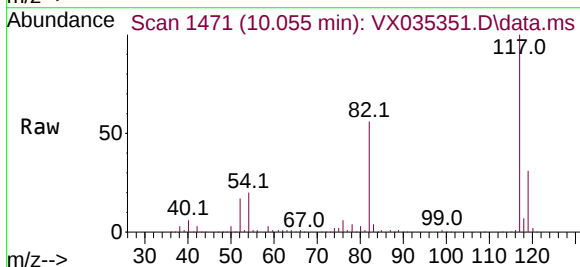
Tgt Ion: 117 Resp: 335982

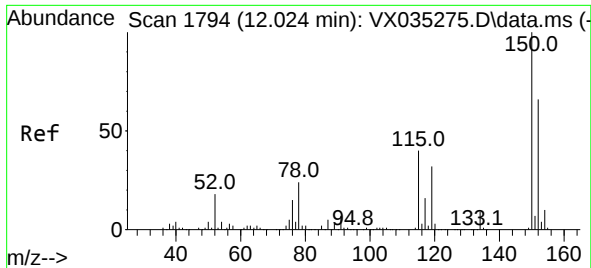
Ion Ratio Lower Upper

117 100

82 55.6 45.0 67.4

119 31.3 26.0 39.0

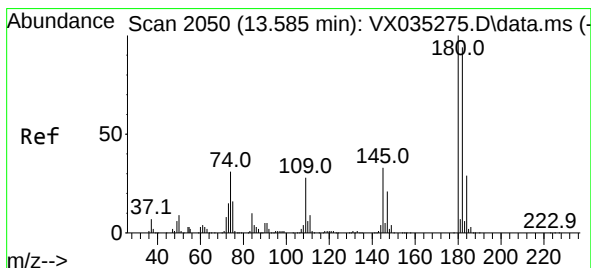
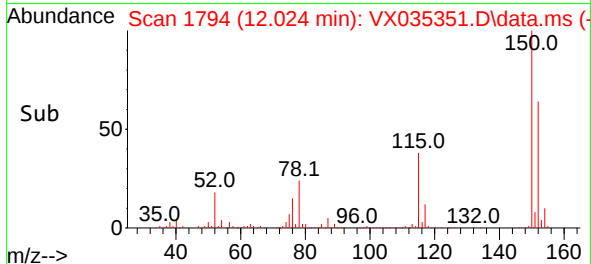
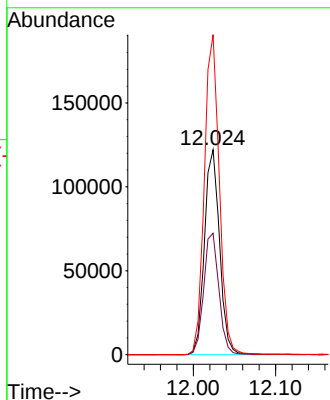
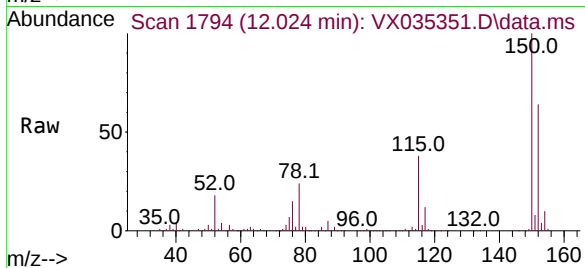




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035351.D
 Acq: 27 Apr 2023 19:03

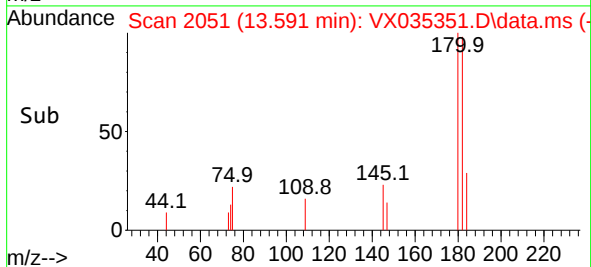
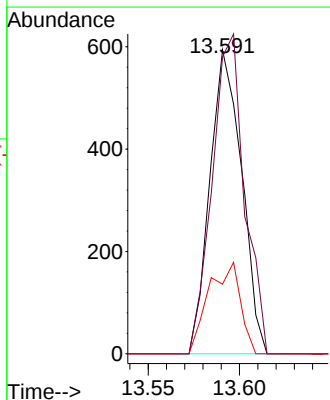
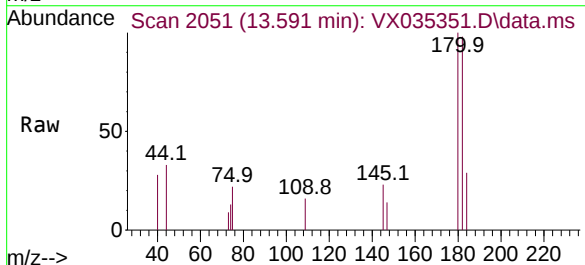
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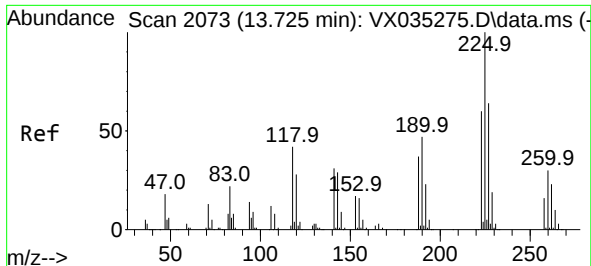
Tgt Ion:152 Resp: 156146
 Ion Ratio Lower Upper
 152 100
 115 59.6 45.0 135.0
 150 154.8 0.0 352.4



#93
 1,2,4-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035351.D
 Acq: 27 Apr 2023 19:03

Tgt Ion:180 Resp: 718
 Ion Ratio Lower Upper
 180 100
 182 106.8 47.0 141.0
 145 29.9 15.9 47.7

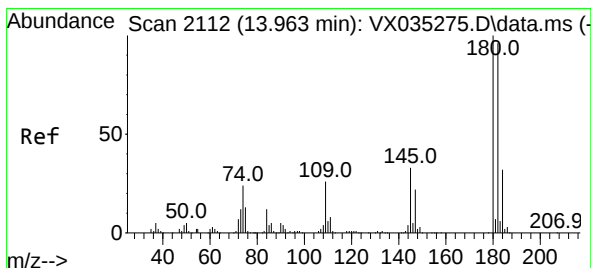
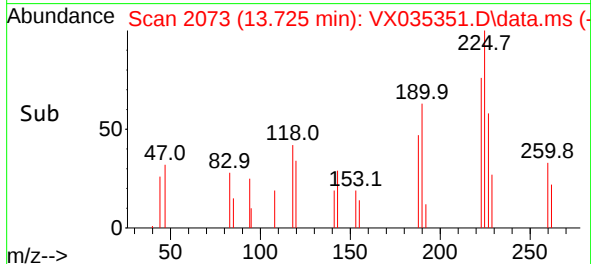
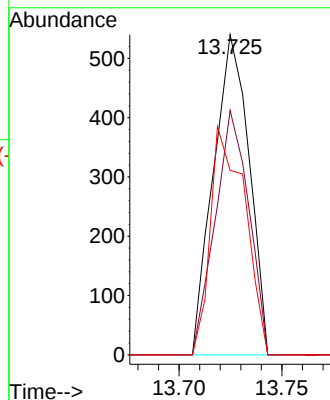
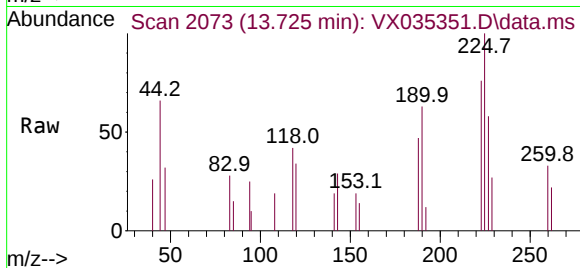




#94
Hexachlorobutadiene
Concen: 0.437 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion:	225	Resp:	650
Ion	Ratio	Lower	Upper
225	100		
223	72.2	32.1	96.5
227	68.8	31.8	95.4



#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035351.D
Acq: 27 Apr 2023 19:03

Tgt Ion:	180	Resp:	749
Ion	Ratio	Lower	Upper
180	100		
182	110.1	48.0	144.2
145	26.3	17.7	53.1

