

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031065.D
 Acq On : 02 Sep 2022 14:28
 Operator : JC/MD
 Sample : N4298-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20220822

Quant Time: Sep 03 00:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

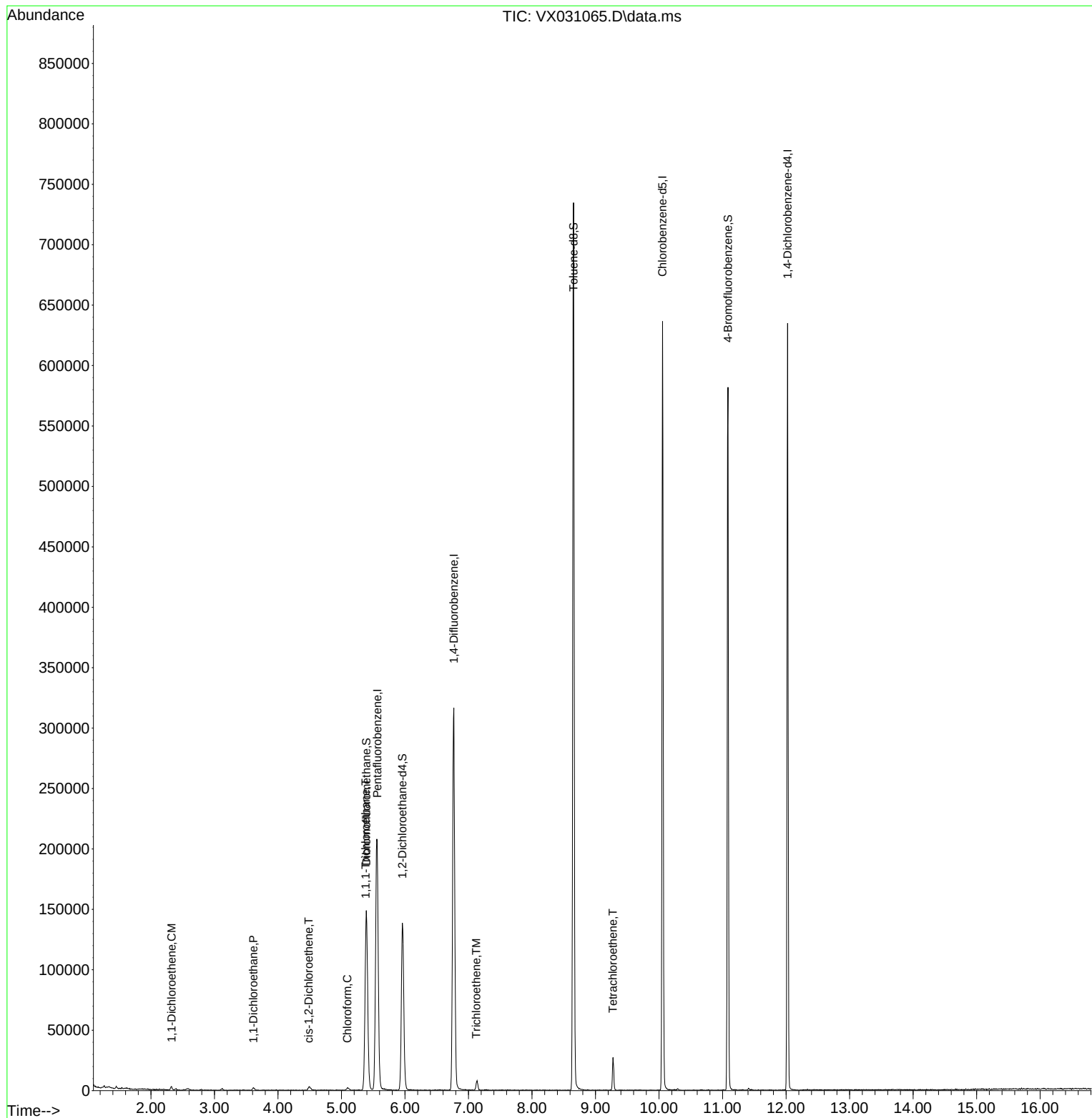
Internal Standards						
1) Pentafluorobenzene	5.562	168	217353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134590	48.125	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	5.391	113	133434	51.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	8.653	98	473931	50.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.085	95	159425	47.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1110	0.440	ug/l #	75
24) 1,1-Dichloroethane	3.611	63	2387	0.524	ug/l #	90
27) cis-1,2-Dichloroethene	4.483	96	2234	0.709	ug/l	79
30) Chloroform	5.093	83	2357	0.472	ug/l #	81
32) 1,1,1-Trichloroethane	5.379	97	1387	0.324	ug/l #	35
44) Trichloroethene	7.123	130	3042	0.929	ug/l	91
64) Tetrachloroethene	9.275	164	5486	1.742	ug/l #	88

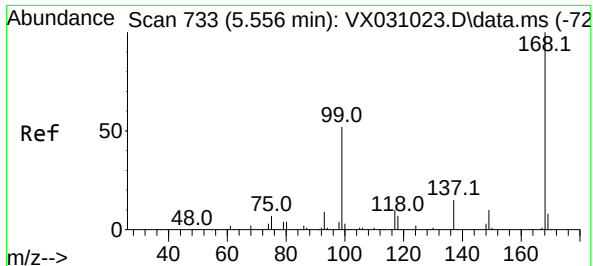
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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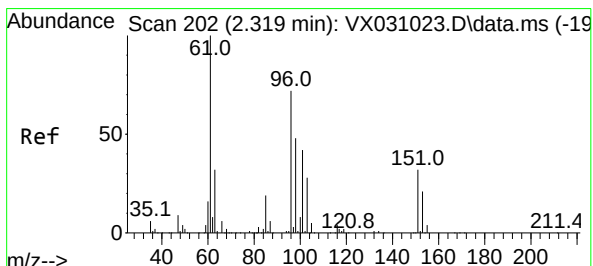
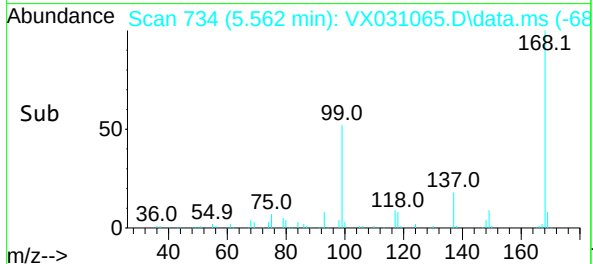
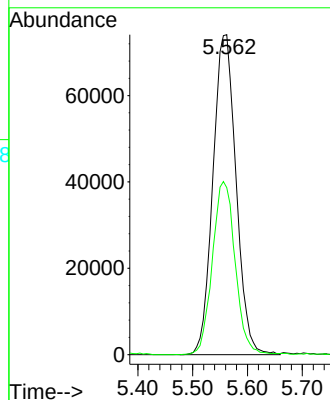
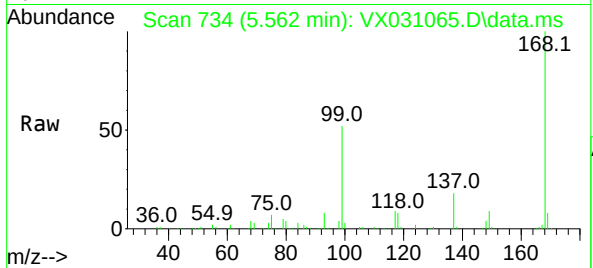




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

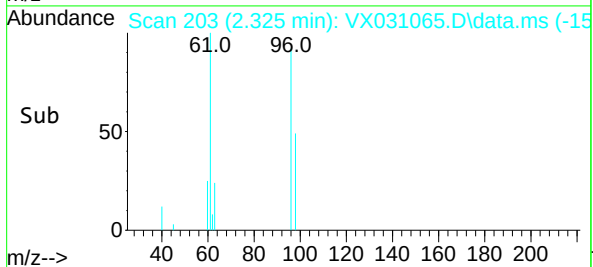
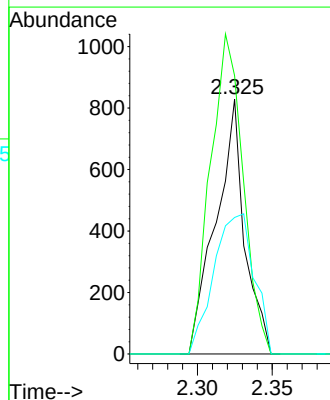
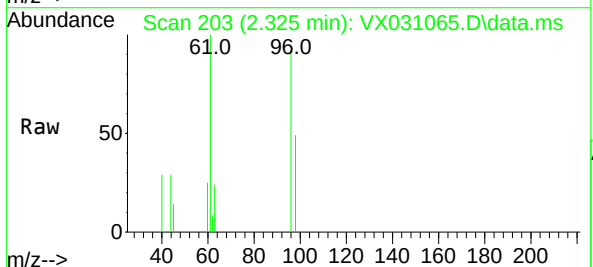
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220822

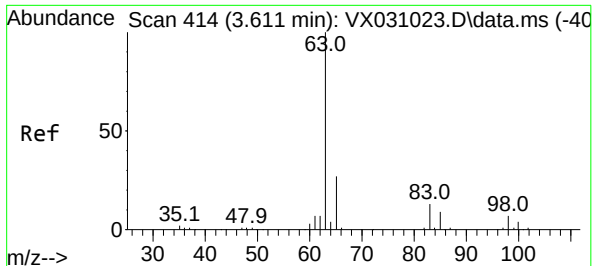
Tgt Ion:168 Resp: 217353
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.440 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

Tgt Ion: 96 Resp: 1110
Ion Ratio Lower Upper
96 100
61 109.2 117.4 176.0#
98 53.6 52.2 78.4

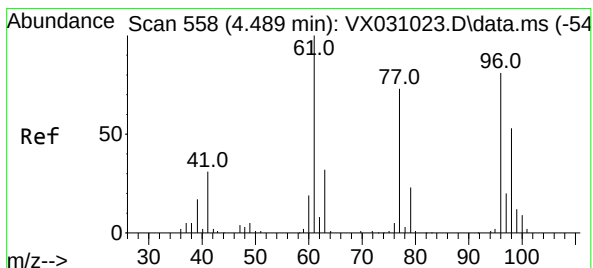
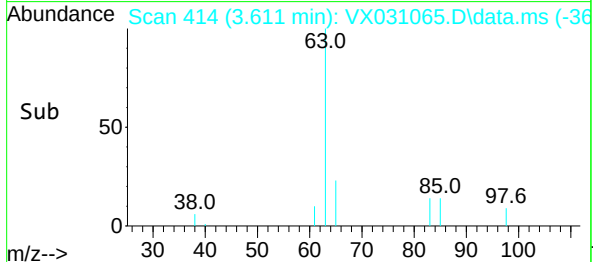
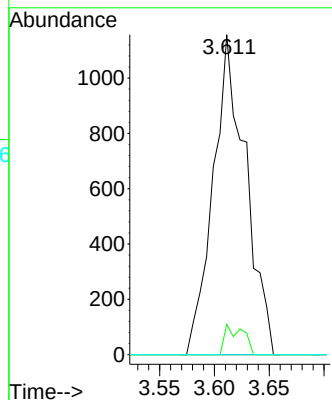
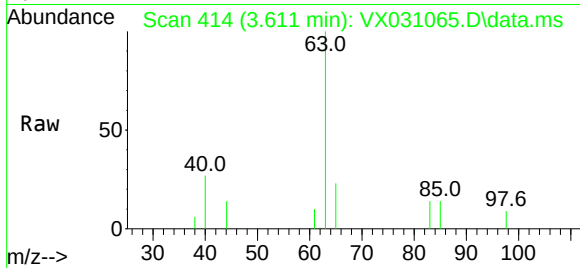




#24
 1,1-Dichloroethane
 Concen: 0.524 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031065.D
 Acq: 02 Sep 2022 14:28

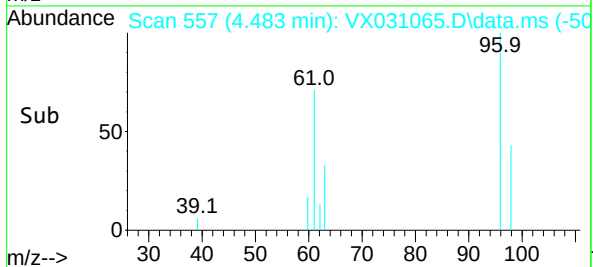
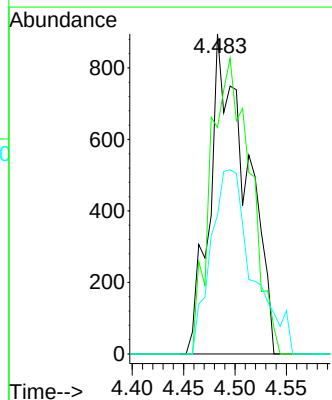
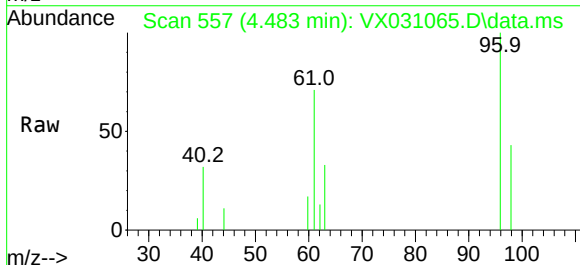
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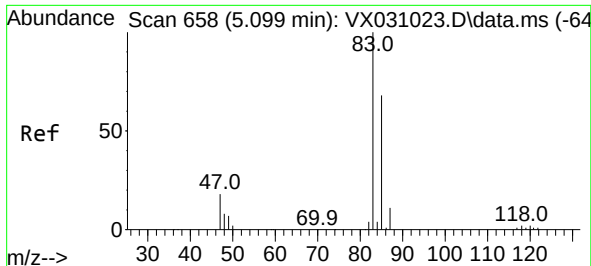
Tgt Ion:	63	Resp:	2387
Ion Ratio	Lower	Upper	
63	100		
98	9.4	3.5	10.5
100	0.0	2.3	6.9



#27
 cis-1,2-Dichloroethene
 Concen: 0.709 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX031065.D
 Acq: 02 Sep 2022 14:28

Tgt Ion:	96	Resp:	2234
Ion Ratio	Lower	Upper	
96	100		
61	99.4	0.0	270.0
98	65.0	0.0	127.8

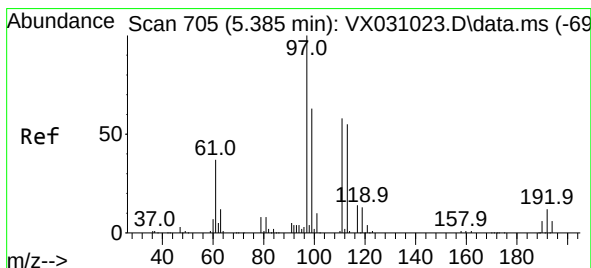
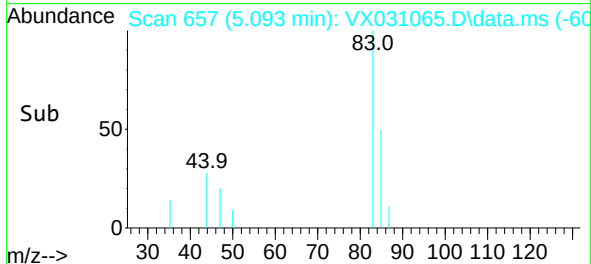
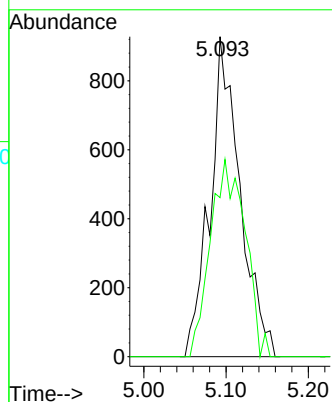
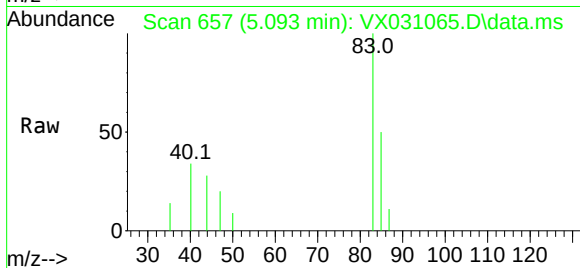




#30
Chloroform
Concen: 0.472 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

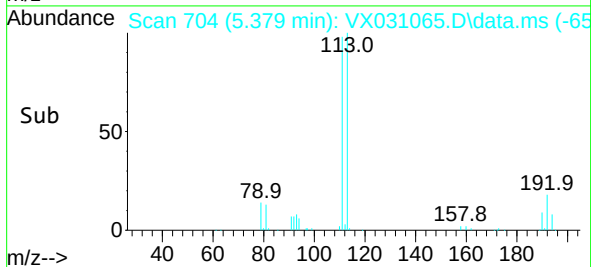
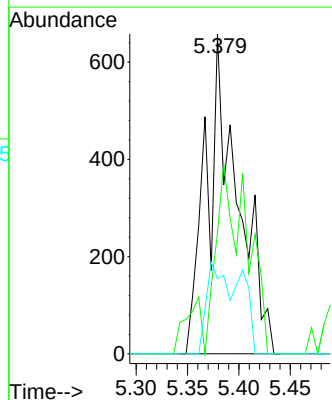
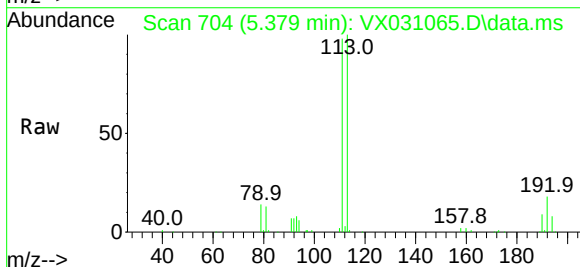
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20220822

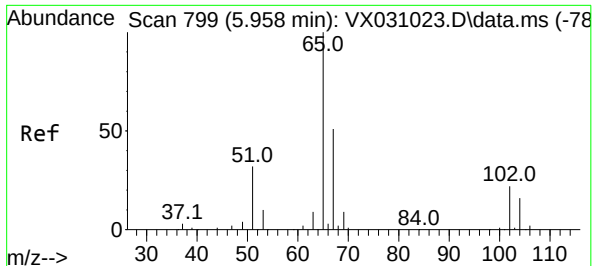
Tgt Ion: 83 Resp: 2357
Ion Ratio Lower Upper
83 100
85 49.7 51.5 77.3#



#32
1,1,1-Trichloroethane
Concen: 0.324 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

Tgt Ion: 97 Resp: 1387
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 18.7 35.8 53.8#





#33

1,2-Dichloroethane-d4

Concen: 48.125 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031065.D

Acq: 02 Sep 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

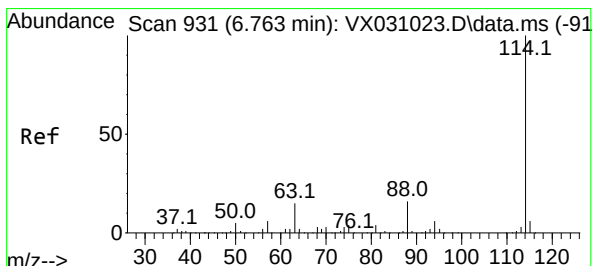
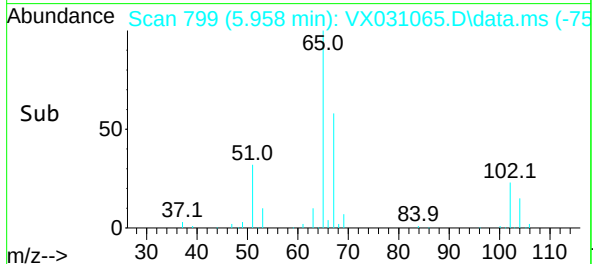
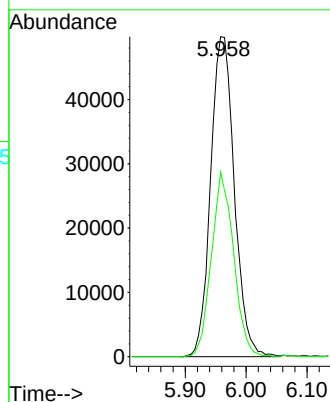
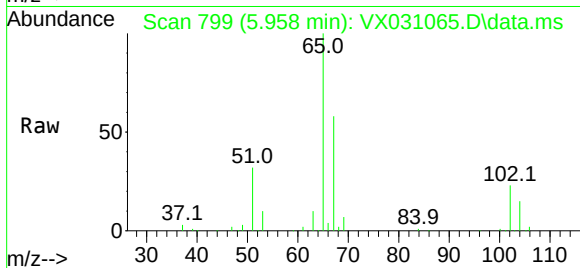
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Tgt Ion: 65 Resp: 134590

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031065.D

Acq: 02 Sep 2022 14:28

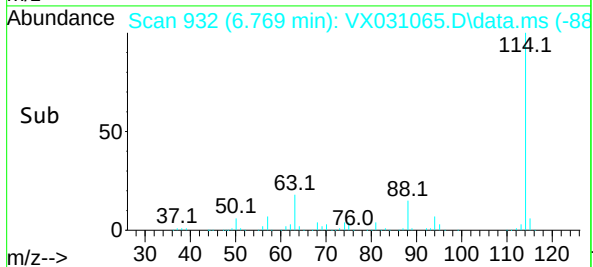
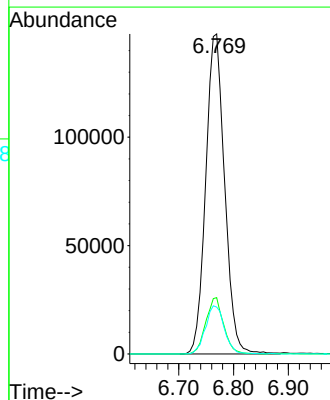
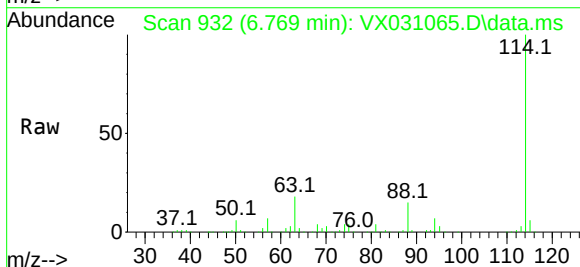
Tgt Ion: 114 Resp: 352465

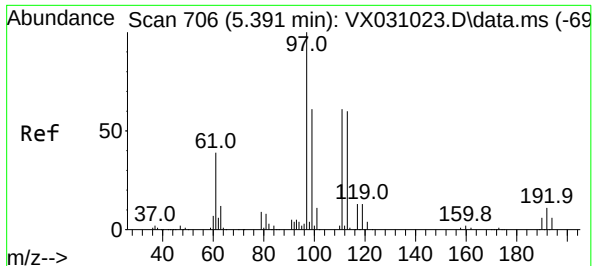
Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.4

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.876 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031065.D

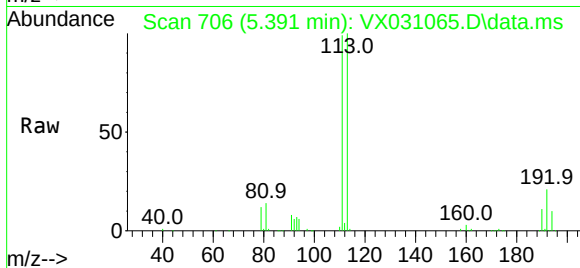
Acq: 02 Sep 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

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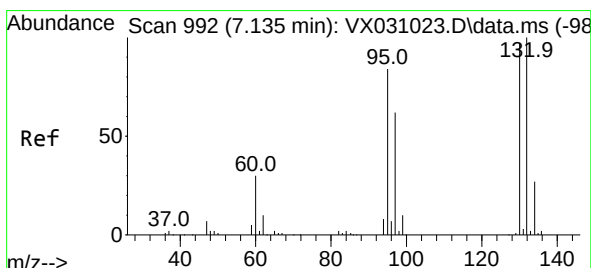
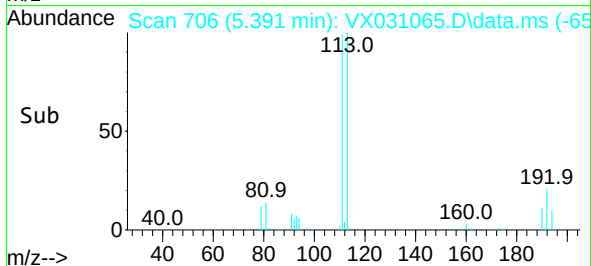
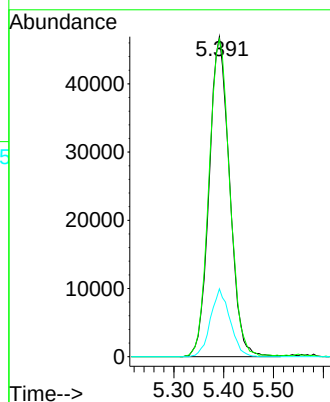
Tgt Ion:113 Resp: 133434

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 20.2 14.8 22.2



#44

Trichloroethene

Concen: 0.929 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX031065.D

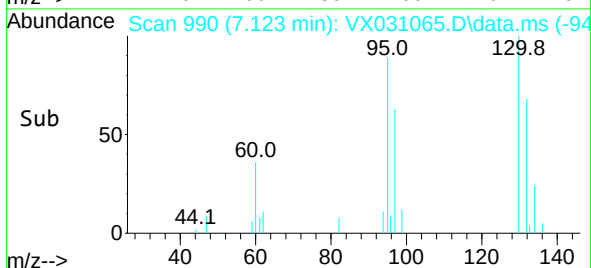
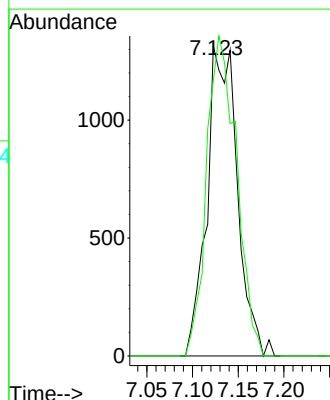
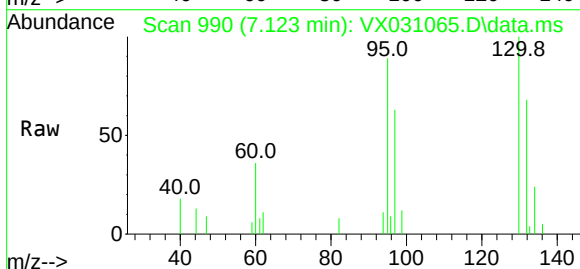
Acq: 02 Sep 2022 14:28

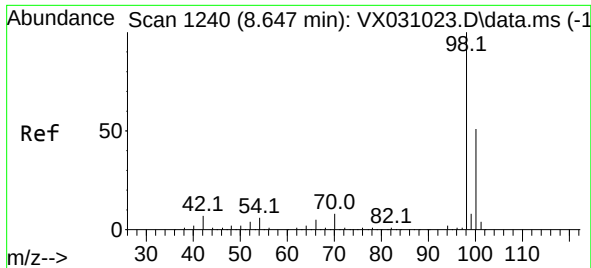
Tgt Ion:130 Resp: 3042

Ion Ratio Lower Upper

130 100

95 88.9 0.0 194.8

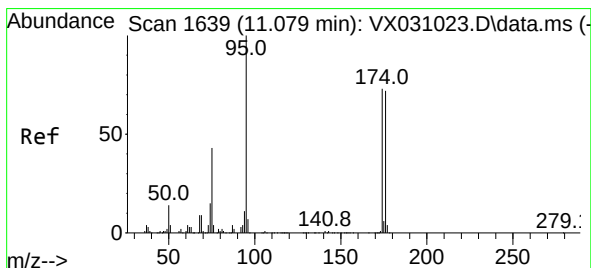
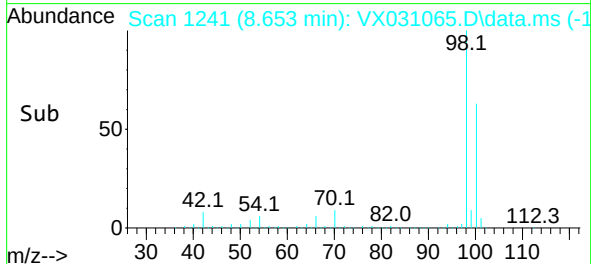
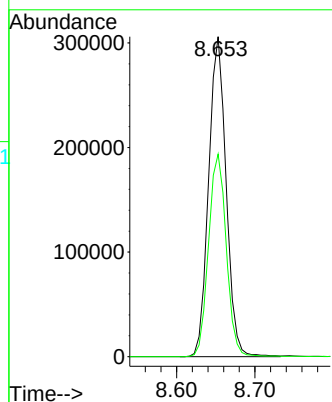
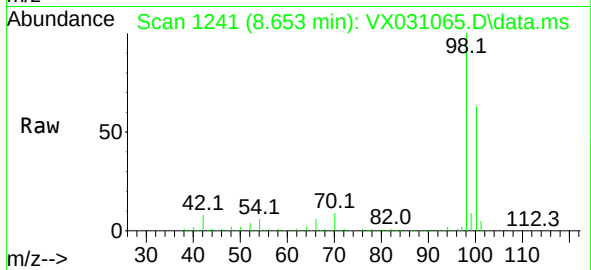




#50
Toluene-d8
Concen: 50.064 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

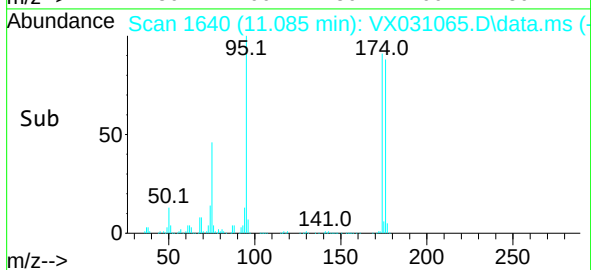
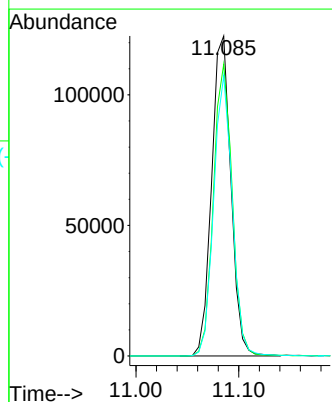
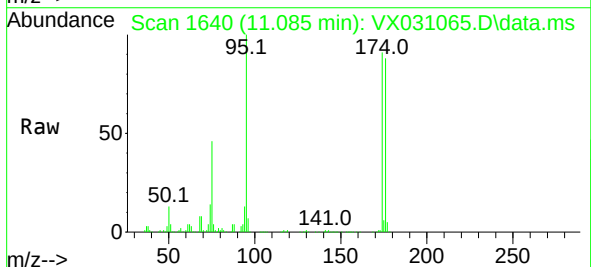
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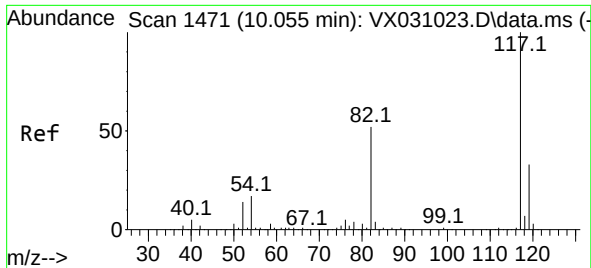
Tgt Ion: 98 Resp: 473931
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.681 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

Tgt Ion: 95 Resp: 159425
Ion Ratio Lower Upper
95 100
174 88.6 0.0 149.0
176 84.7 0.0 146.0

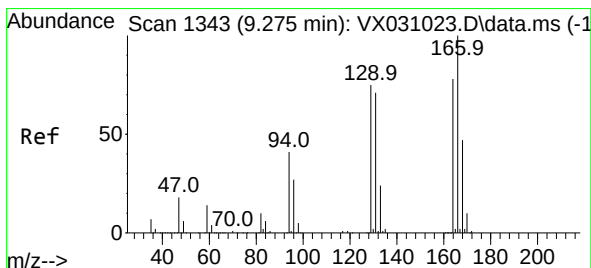
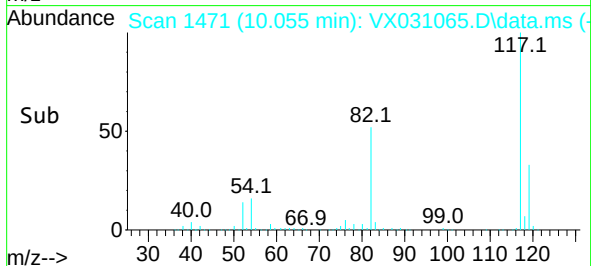
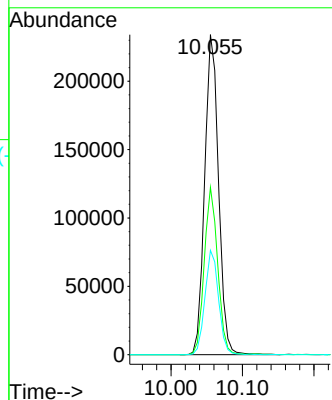
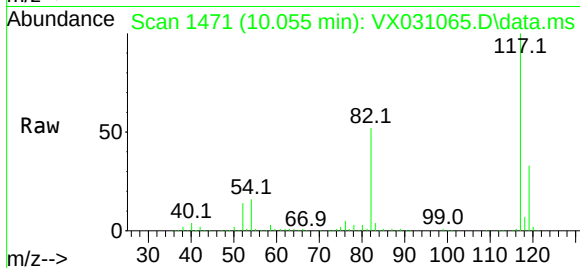




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

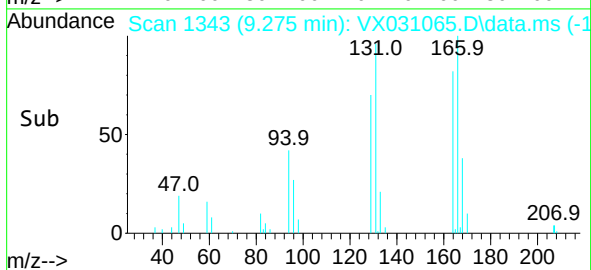
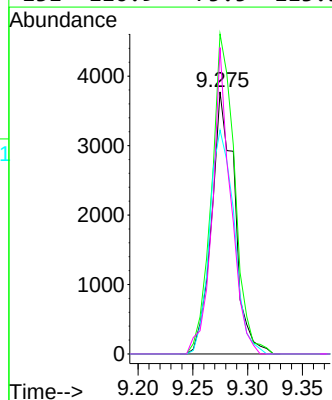
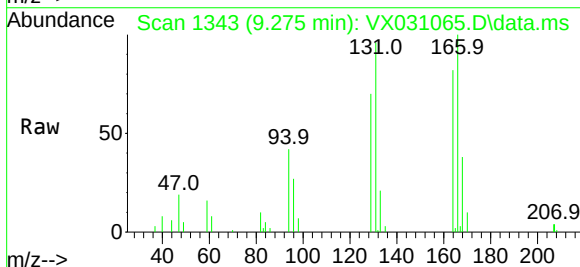
Instrument :
MSVOA_X
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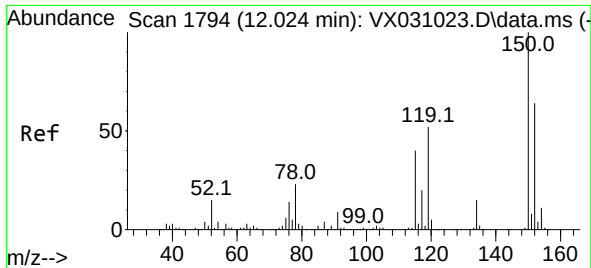
Tgt Ion:117 Resp: 315451
Ion Ratio Lower Upper
117 100
82 52.3 42.7 64.1
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 1.742 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031065.D
Acq: 02 Sep 2022 14:28

Tgt Ion:164 Resp: 5486
Ion Ratio Lower Upper
164 100
166 122.1 98.2 147.4
129 85.4 80.8 121.2
131 116.9 75.5 113.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031065.D

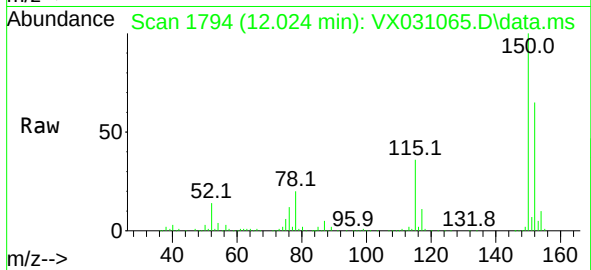
Acq: 02 Sep 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20220822



Tgt Ion:152 Resp: 142319

Ion Ratio Lower Upper

152 100

115 56.8 40.5 121.5

150 156.2 0.0 347.0

