

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030733.D
 Acq On : 23 Aug 2022 15:42
 Operator : JC/MD
 Sample : N4245-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816

Quant Time: Aug 24 00:51:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

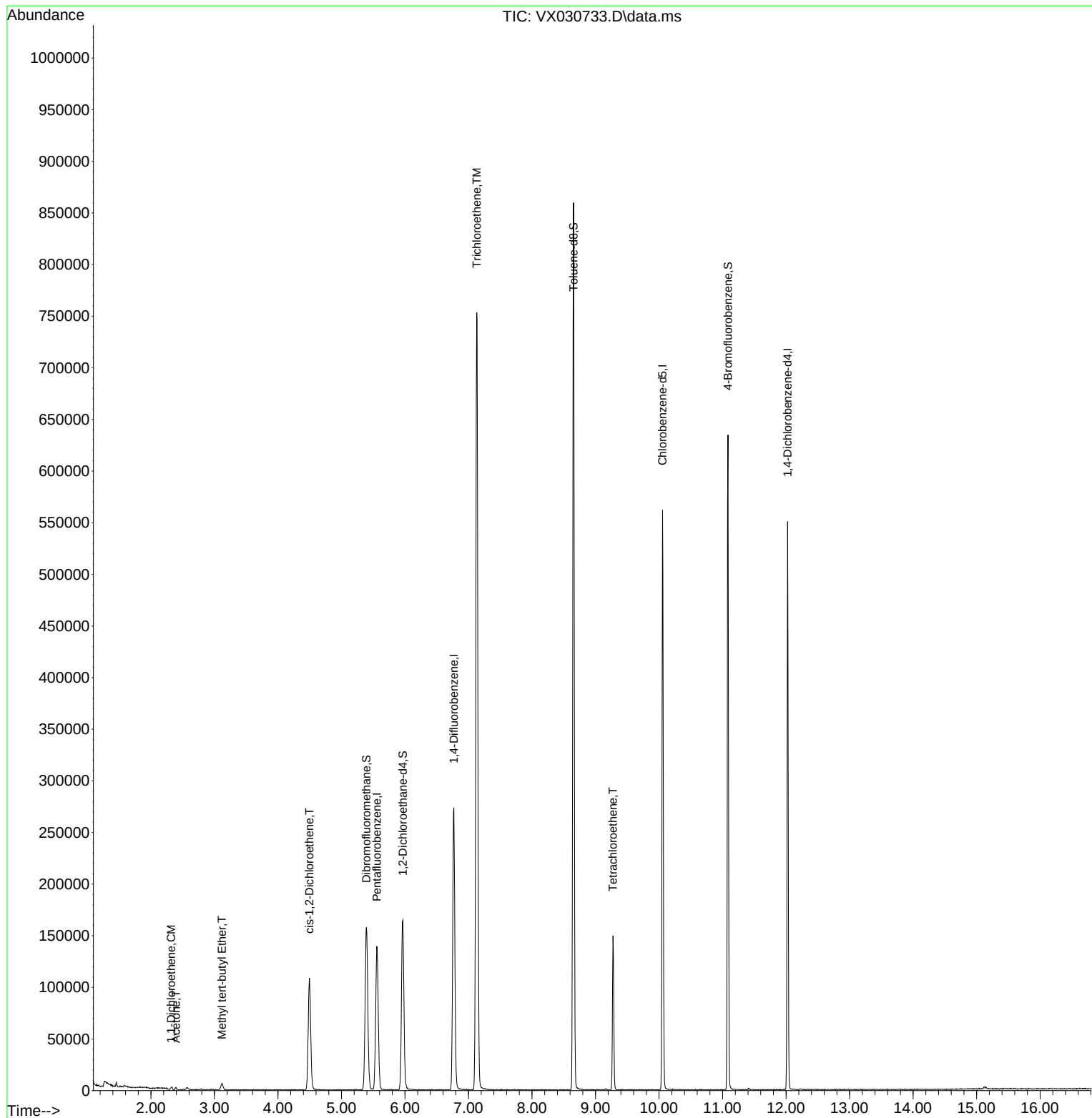
Internal Standards						
1) Pentafluorobenzene	5.556	168	130702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155833	59.319	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.640%	
35) Dibromofluoromethane	5.391	113	146126	52.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.160%	
50) Toluene-d8	8.652	98	527989	49.059	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	11.085	95	183856	46.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.060%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	878	0.430	ug/l	92
16) Acetone	2.391	43	1863	1.385	ug/l #	80
19) Methyl tert-butyl Ether	3.117	73	6522	0.933	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	71862	27.116	ug/l	91
44) Trichloroethene	7.128	130	304769	88.639	ug/l	100
64) Tetrachloroethene	9.274	164	27641	9.779	ug/l	93

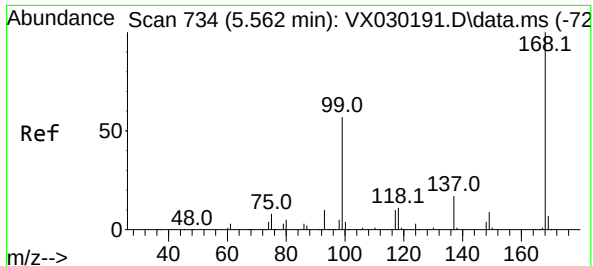
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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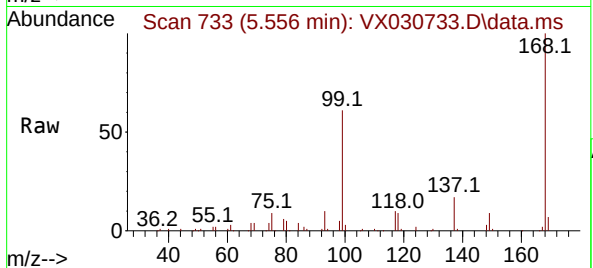
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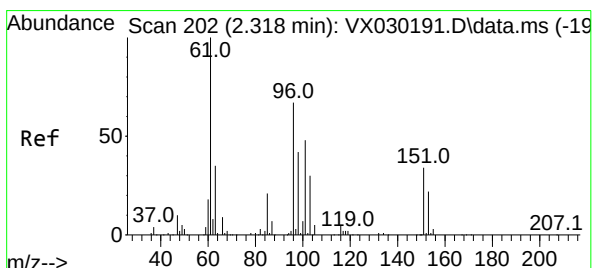
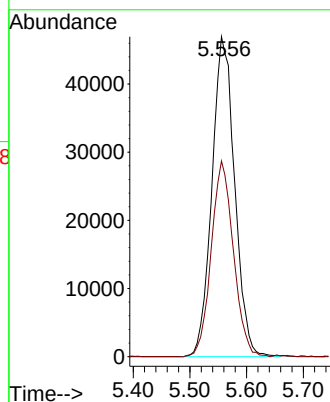
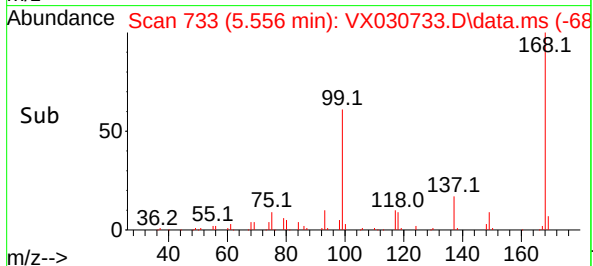


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816

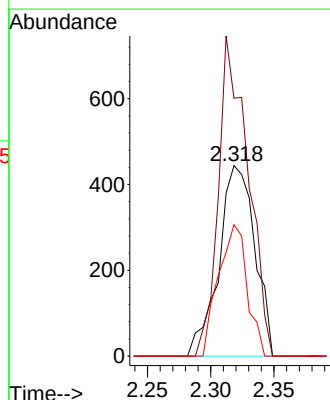
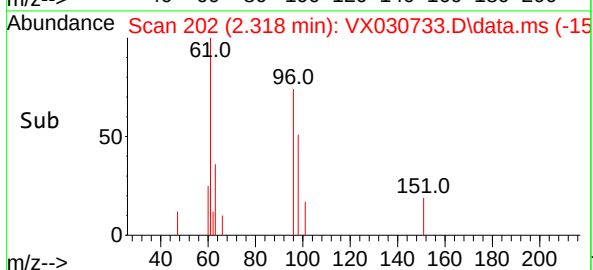
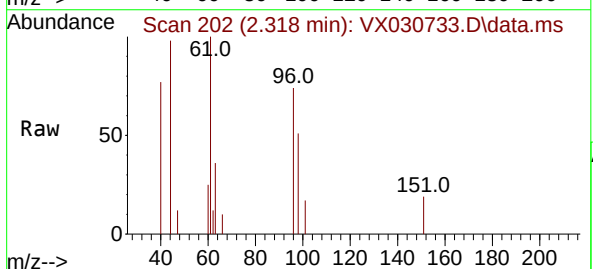


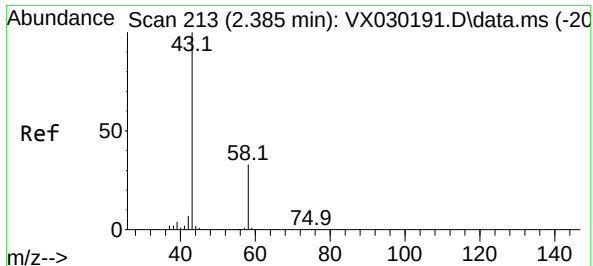
Tgt Ion:168 Resp: 130702
Ion Ratio Lower Upper
168 100
99 61.2 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.430 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 135.4 117.4 176.0
98 68.9 52.2 78.4

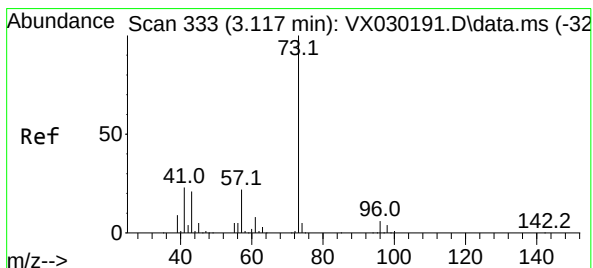
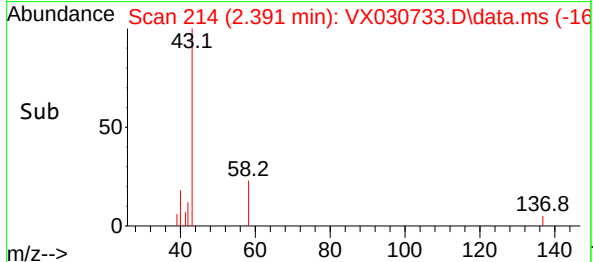
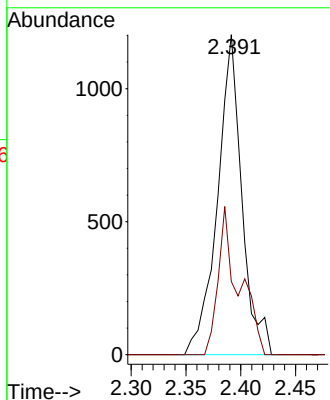
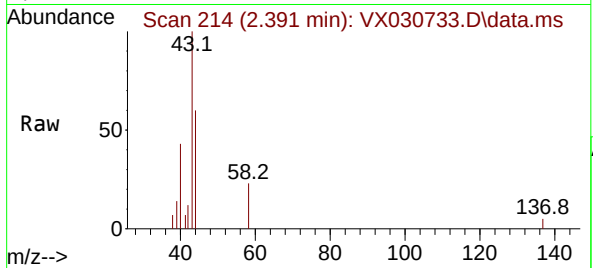




#16
Acetone
Concen: 1.385 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

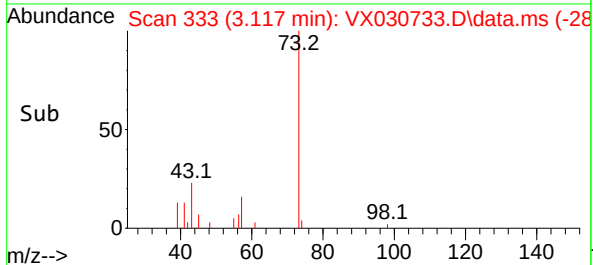
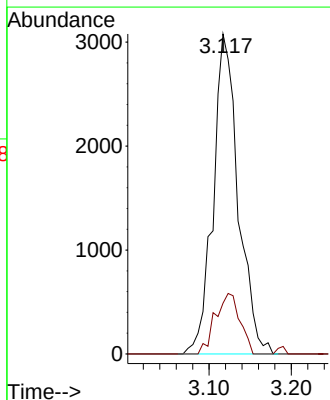
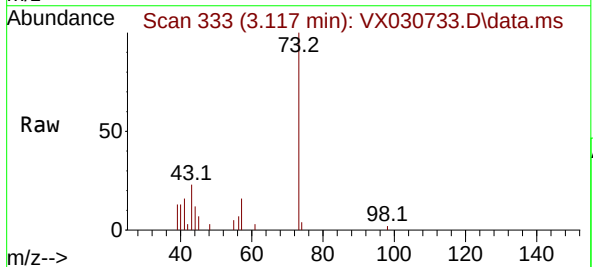
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816

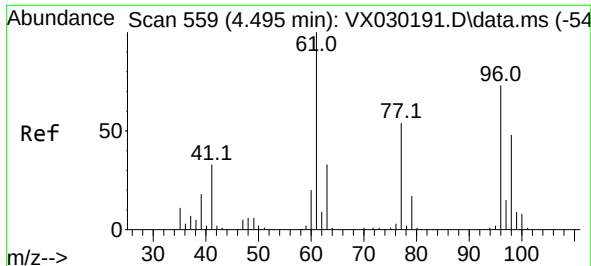
Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
58 22.9 27.7 41.5#



#19
Methyl tert-butyl Ether
Concen: 0.933 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Tgt Ion: 73 Resp: 6522
Ion Ratio Lower Upper
73 100
57 15.9 19.0 28.6#



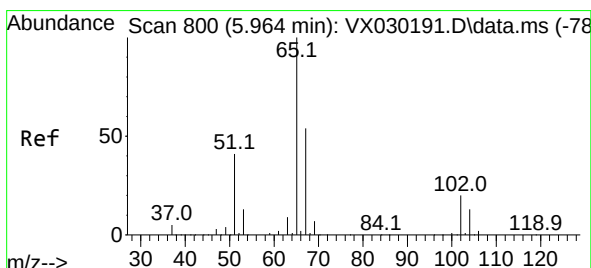
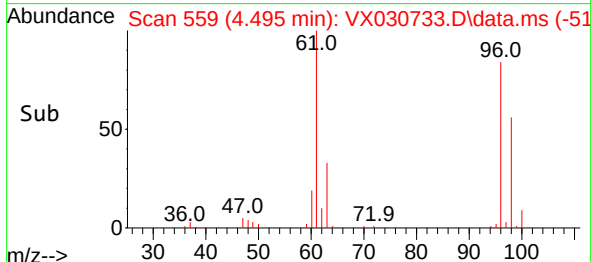
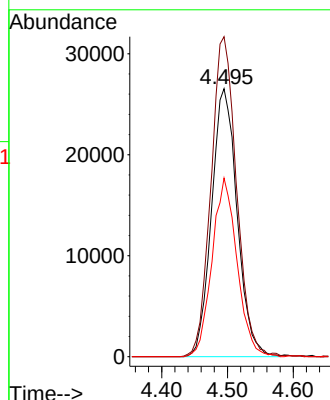
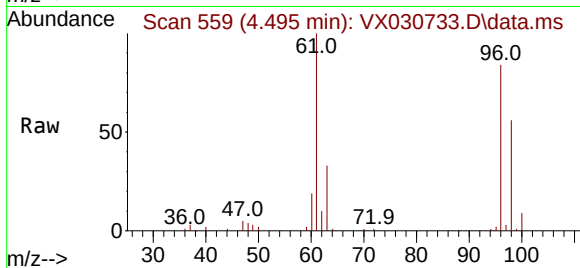


#27
 cis-1,2-Dichloroethene
 Concen: 27.116 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX030733.D
 Acq: 23 Aug 2022 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816

Tgt Ion: 96 Resp: 71862

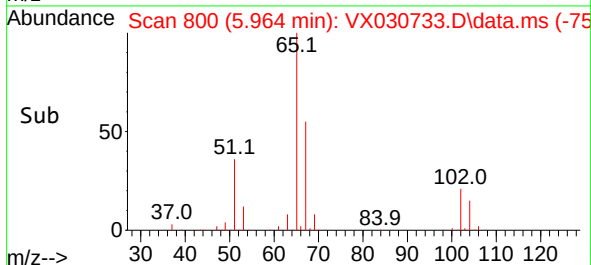
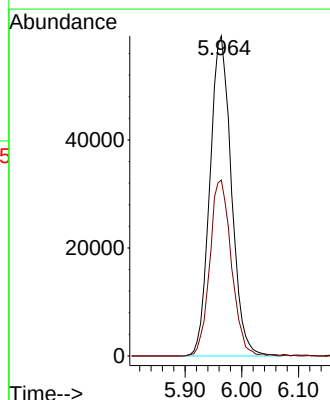
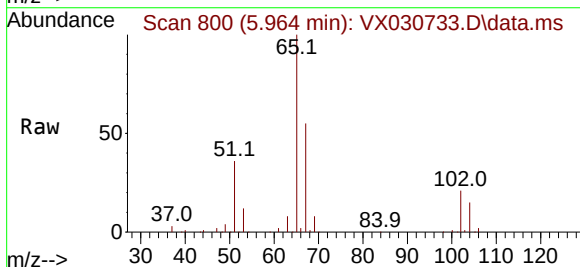
Ion	Ratio	Lower	Upper
96	100		
61	119.6	0.0	270.0
98	65.0	0.0	127.8

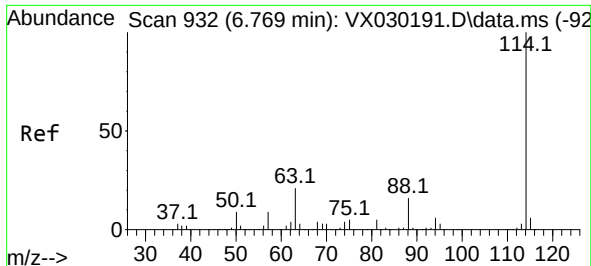


#33
 1,2-Dichloroethane-d4
 Concen: 59.319 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX030733.D
 Acq: 23 Aug 2022 15:42

Tgt Ion: 65 Resp: 155833

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	109.6

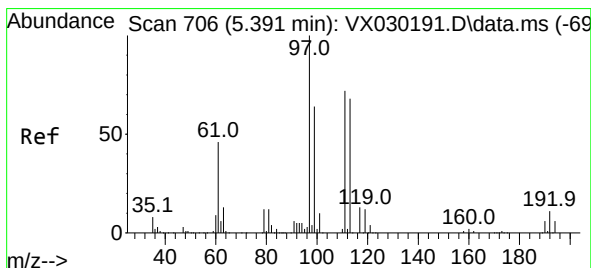
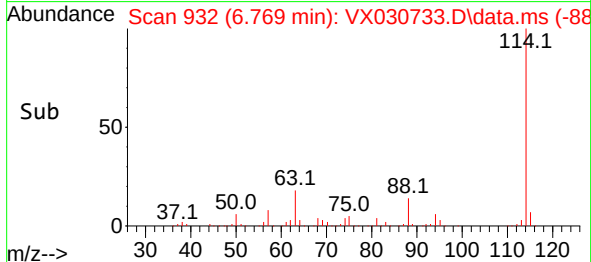
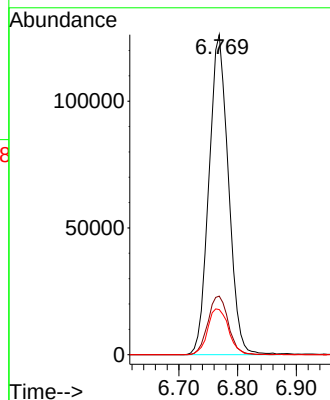
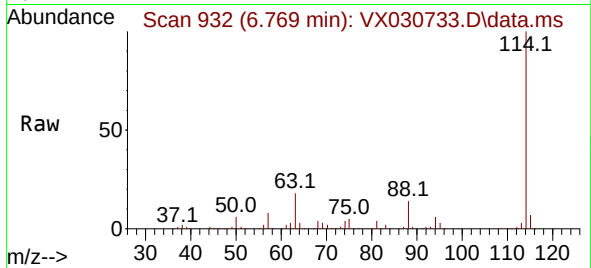




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX030733.D
 Acq: 23 Aug 2022 15:42

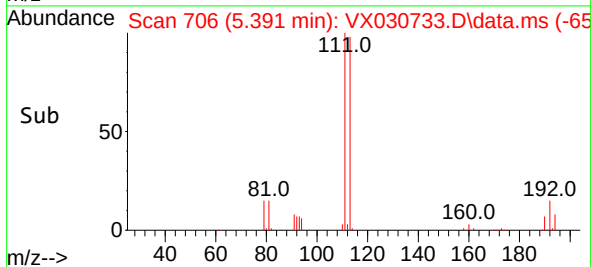
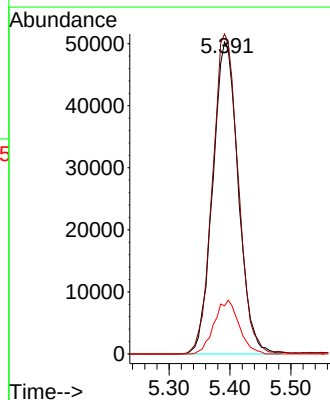
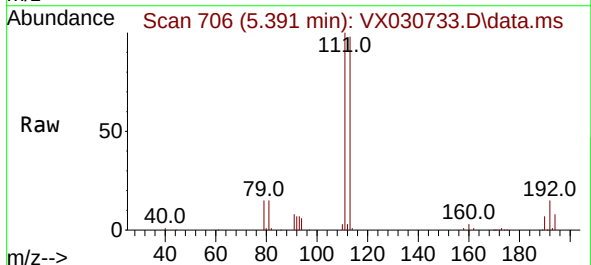
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816

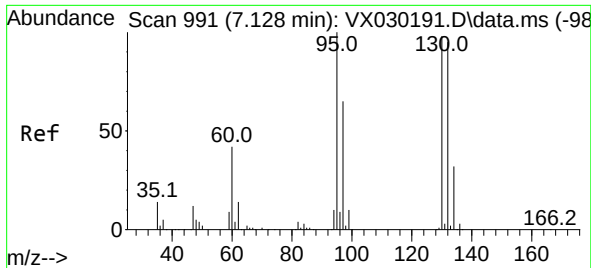
Tgt Ion:114 Resp: 290714
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 14.1 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 52.581 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. -0.000 min
 Lab File: VX030733.D
 Acq: 23 Aug 2022 15:42

Tgt Ion:113 Resp: 146126
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.2 124.8
 192 16.8 14.8 22.2

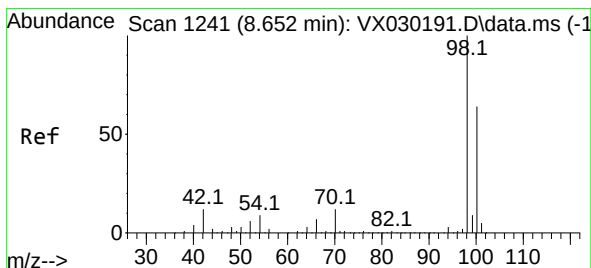
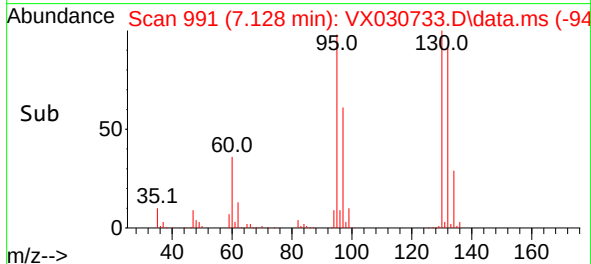
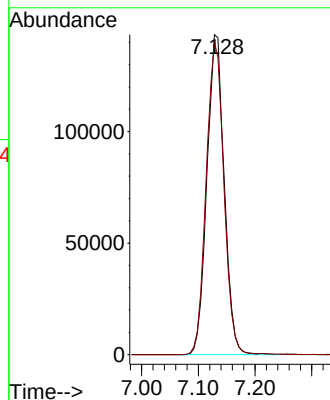
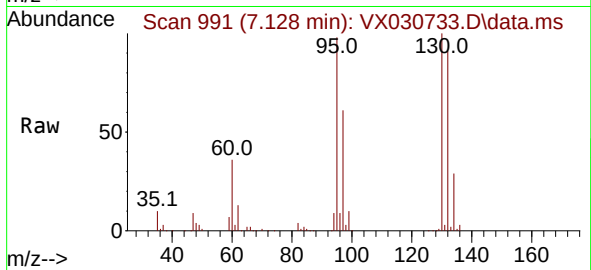




#44
Trichloroethene
Concen: 88.639 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

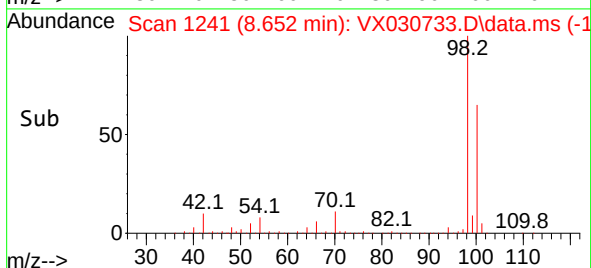
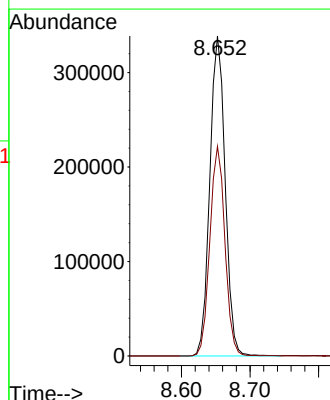
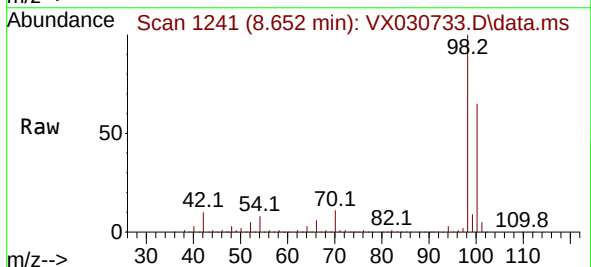
Instrument :
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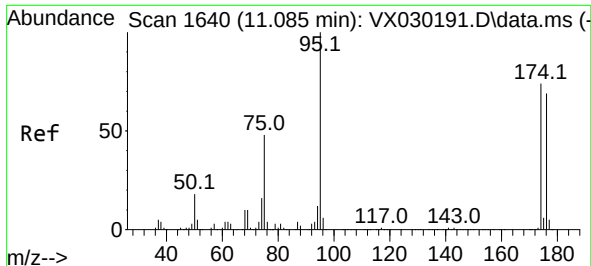
Tgt Ion:130 Resp: 304769
Ion Ratio Lower Upper
130 100
95 97.8 0.0 194.8



#50
Toluene-d8
Concen: 49.059 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Tgt Ion: 98 Resp: 527989
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 46.031 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030733.D

Acq: 23 Aug 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20220816

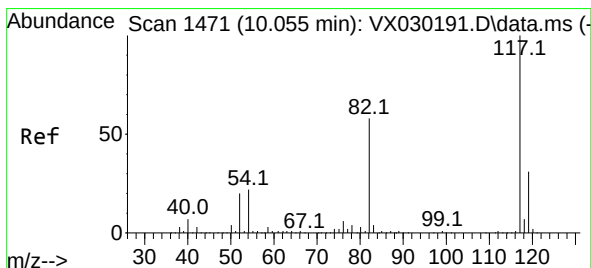
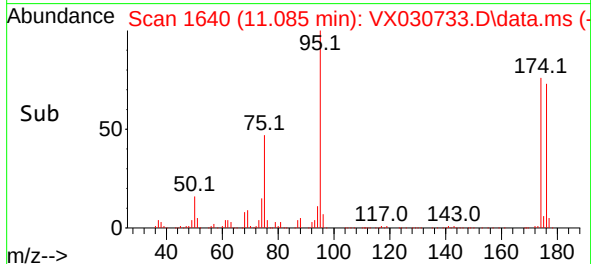
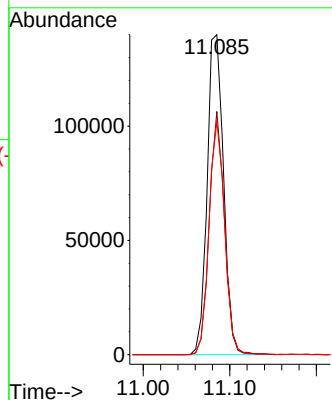
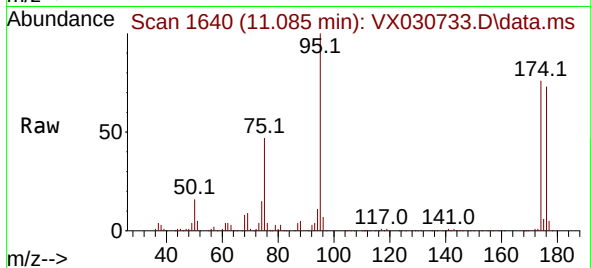
Tgt Ion: 95 Resp: 183856

Ion Ratio Lower Upper

95 100

174 70.6 0.0 149.0

176 69.2 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: VX030733.D

Acq: 23 Aug 2022 15:42

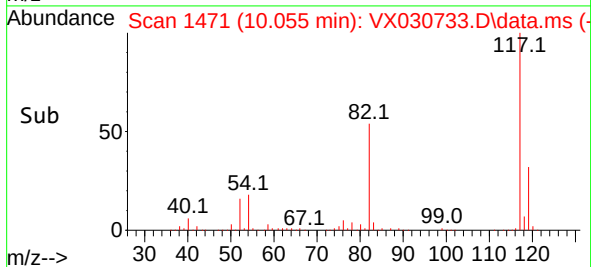
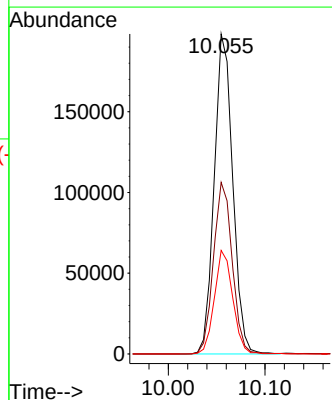
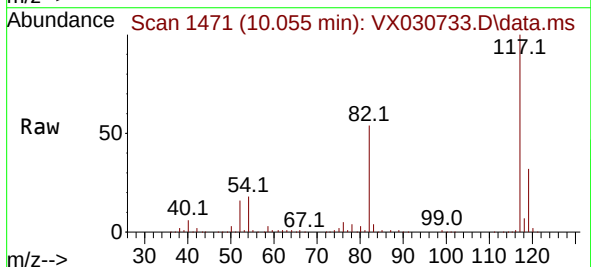
Tgt Ion: 117 Resp: 262559

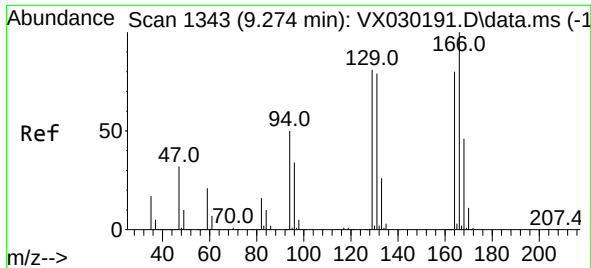
Ion Ratio Lower Upper

117 100

82 53.6 42.7 64.1

119 32.4 25.4 38.2

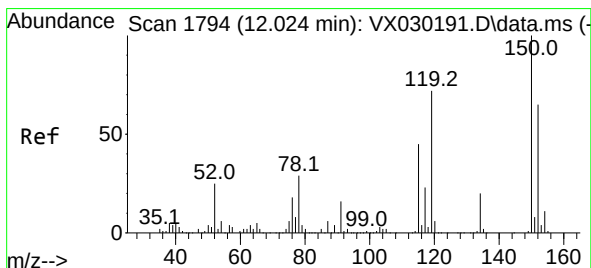
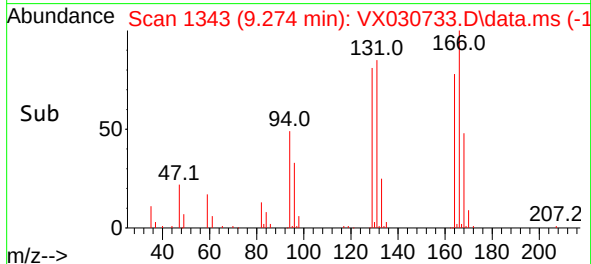
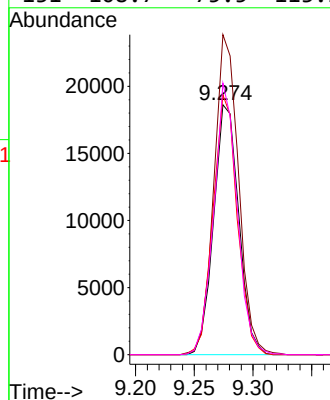
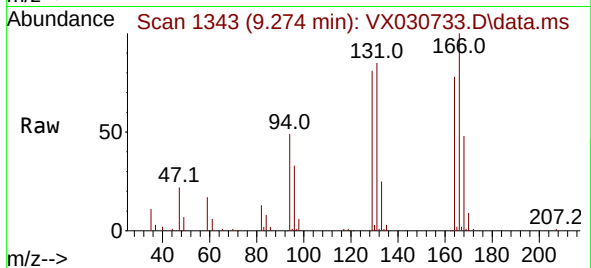




#64
Tetrachloroethene
Concen: 9.779 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816

Tgt Ion:164	Resp:	27641	
Ion	Ratio	Lower	Upper
164	100		
166	128.0	98.2	147.4
129	103.9	80.8	121.2
131	108.7	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030733.D
Acq: 23 Aug 2022 15:42

Tgt Ion:152	Resp:	108160	
Ion	Ratio	Lower	Upper
152	100		
115	61.4	40.5	121.5
150	157.3	0.0	347.0

