

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030792.D
 Acq On : 26 Aug 2022 00:15
 Operator : JC/MD
 Sample : N4245-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816

Quant Time: Aug 26 02:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

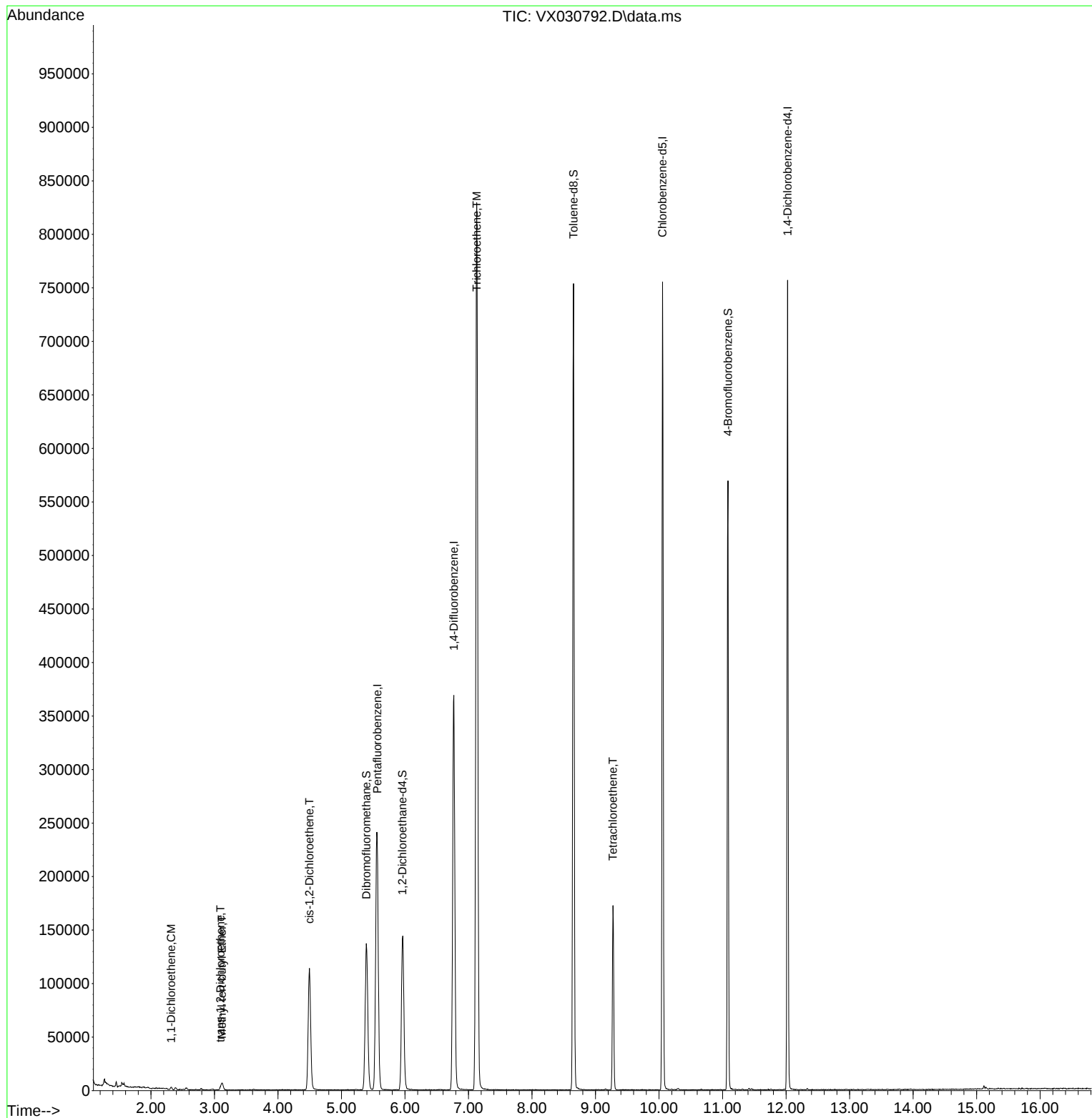
Internal Standards						
1) Pentafluorobenzene	5.562	168	233420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138794	50.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.100%	
35) Dibromofluoromethane	5.391	113	120660	50.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.653	98	457705	55.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.400%	
62) 4-Bromofluorobenzene	11.085	95	154311	49.986	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.980%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.319	96	839	0.397	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	6909	0.943	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	680	0.299	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	74319	26.467	ug/l	92
44) Trichloroethene	7.129	130	327638	116.981	ug/l	94
64) Tetrachloroethene	9.275	164	33259	12.099	ug/l	97

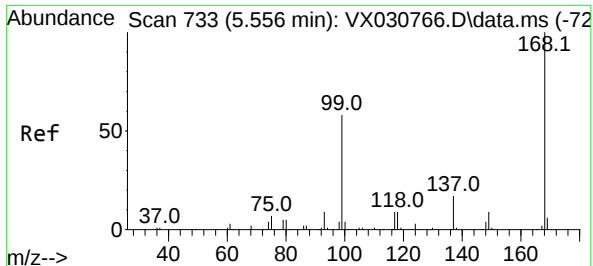
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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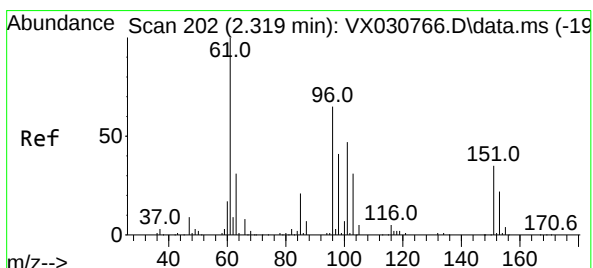
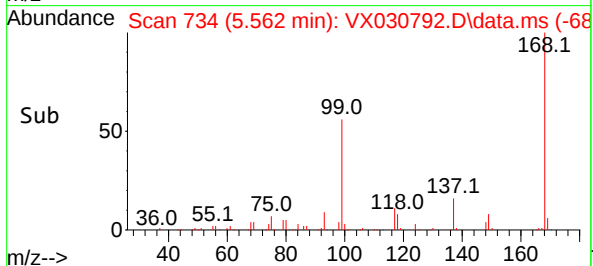
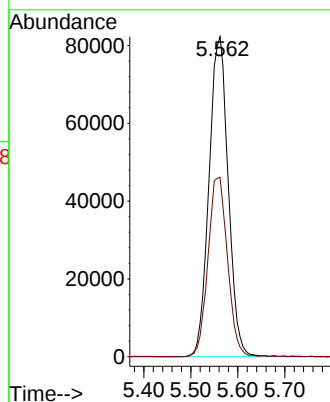
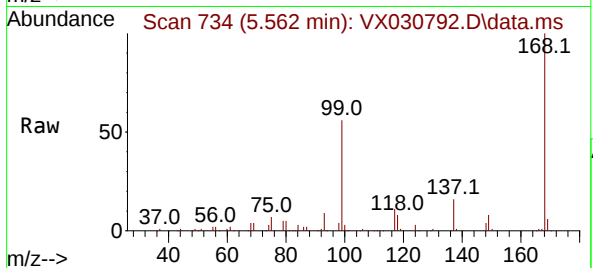




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

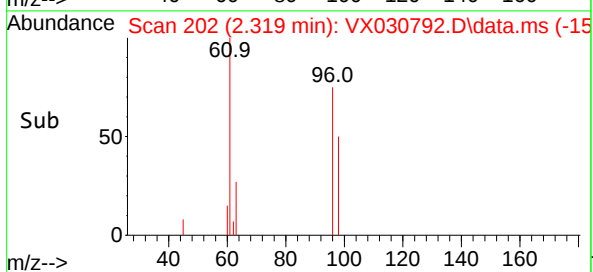
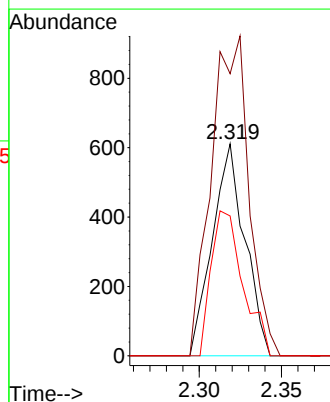
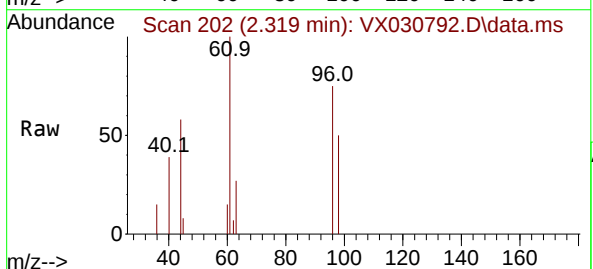
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

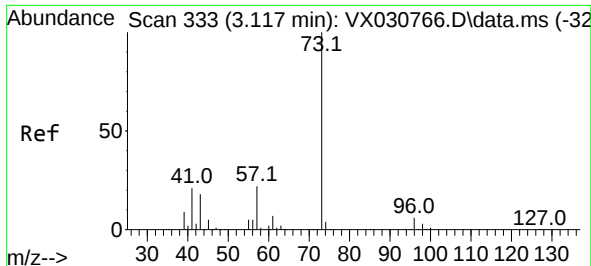
Tgt Ion:168 Resp: 233420
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.397 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 96 Resp: 839
Ion Ratio Lower Upper
96 100
61 133.1 117.4 176.0
98 66.0 52.2 78.4

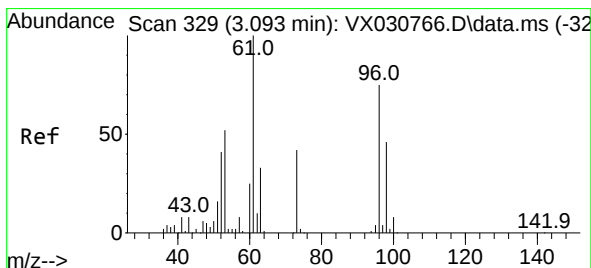
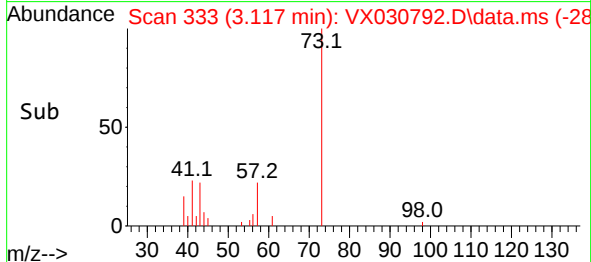
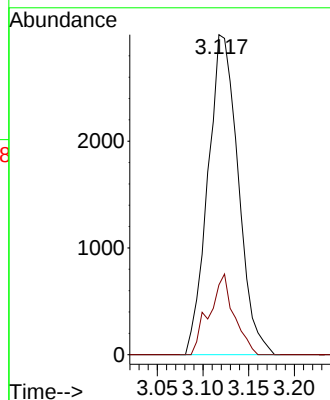
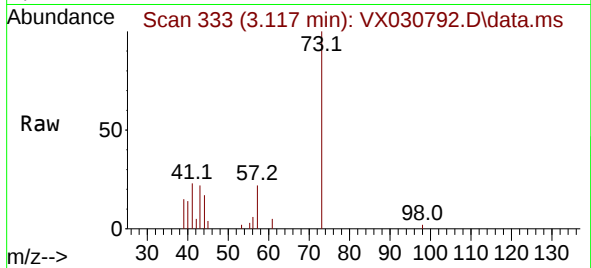




#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

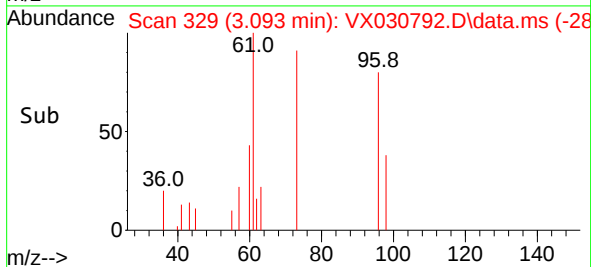
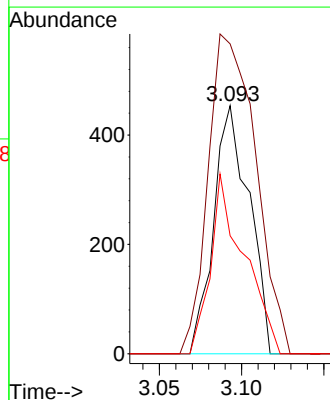
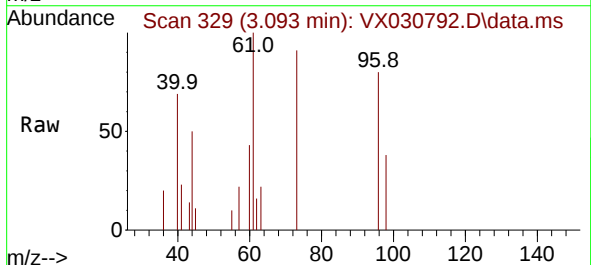
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

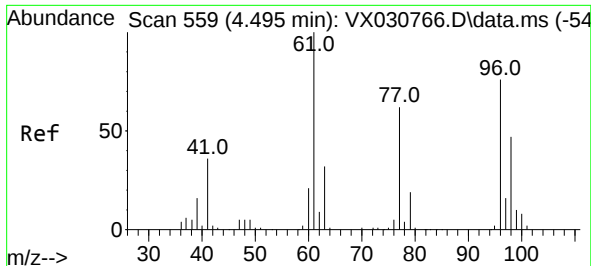
Tgt Ion: 73 Resp: 6909
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6



#21
trans-1,2-Dichloroethene
Concen: 0.299 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 96 Resp: 680
Ion Ratio Lower Upper
96 100
61 124.9 105.6 158.4
98 47.6 50.1 75.1#

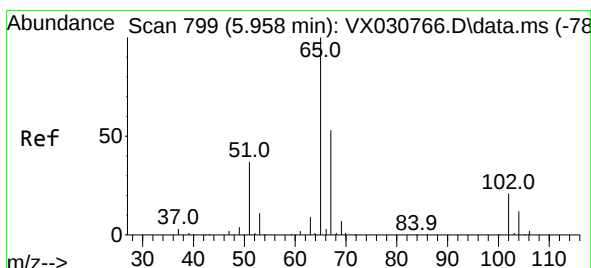
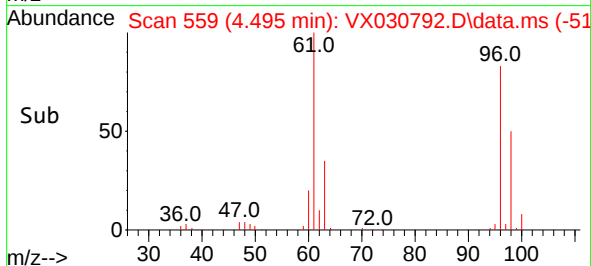
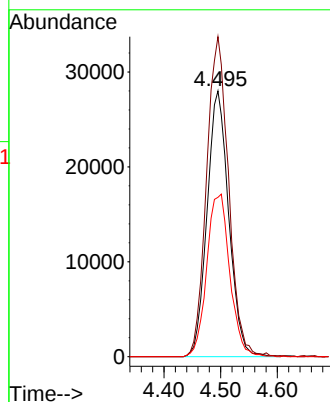
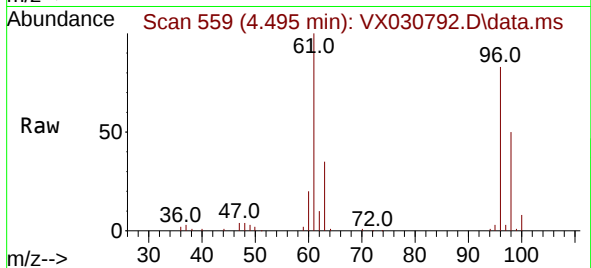




#27
 cis-1,2-Dichloroethene
 Concen: 26.467 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

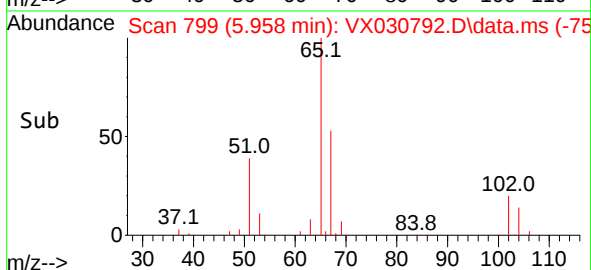
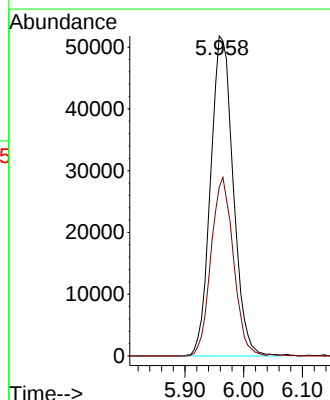
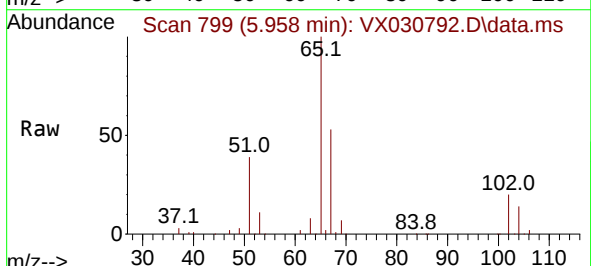
Instrument :
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 ClientSampleId :
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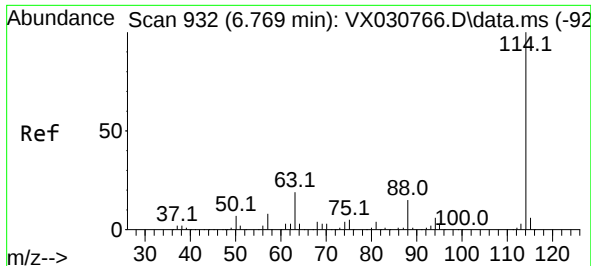
Tgt Ion: 96 Resp: 74319
 Ion Ratio Lower Upper
 96 100
 61 122.6 0.0 270.0
 98 65.0 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.551 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

Tgt Ion: 65 Resp: 138794
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6

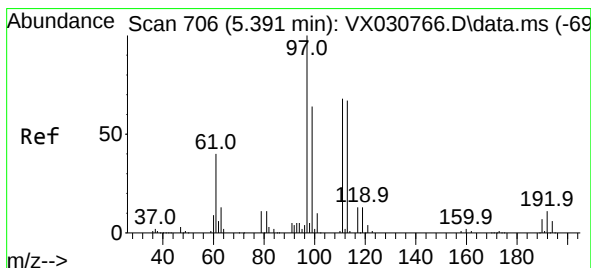
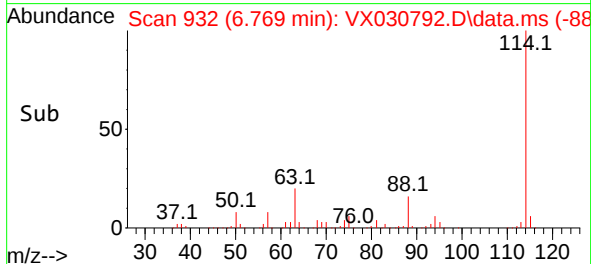
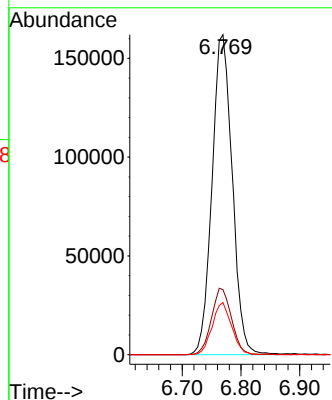
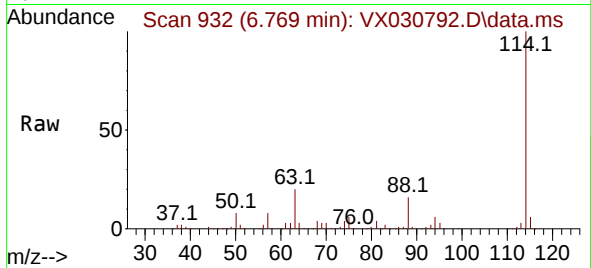




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

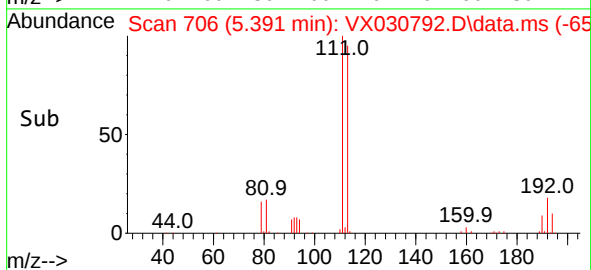
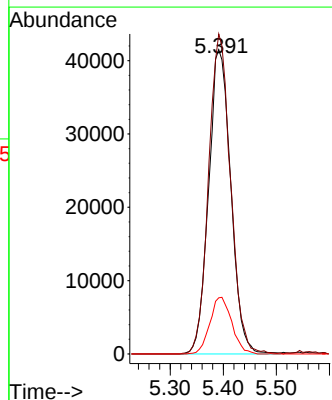
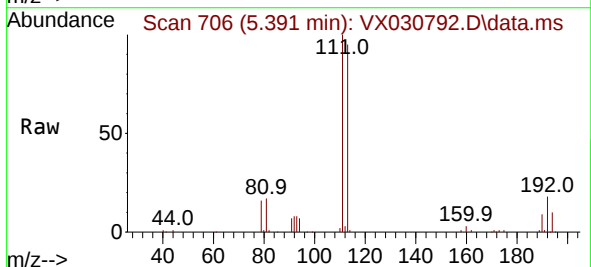
Instrument :
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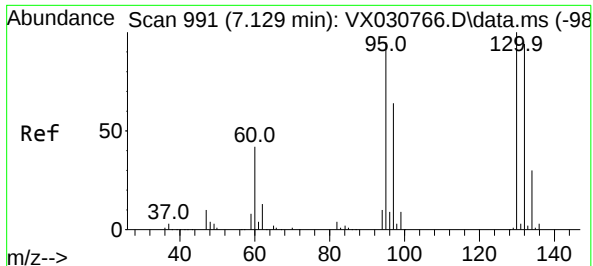
Tgt Ion:114 Resp: 387179
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.4
 88 16.3 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.707 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX030792.D
 Acq: 26 Aug 2022 00:15

Tgt Ion:113 Resp: 120660
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.2 124.8
 192 18.3 14.8 22.2

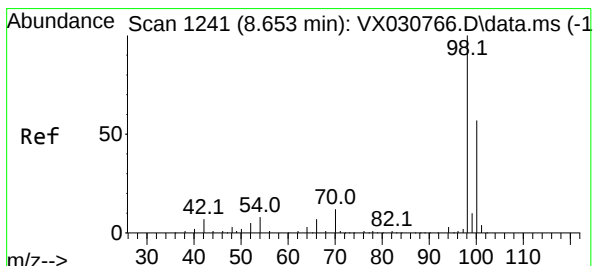
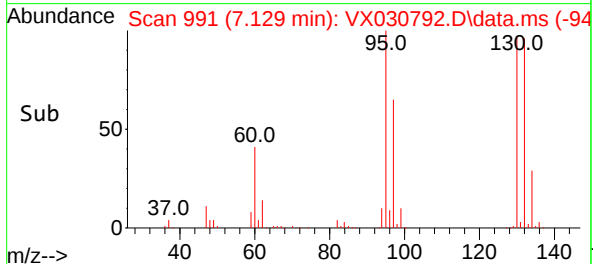
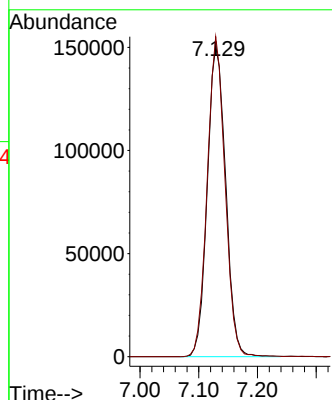
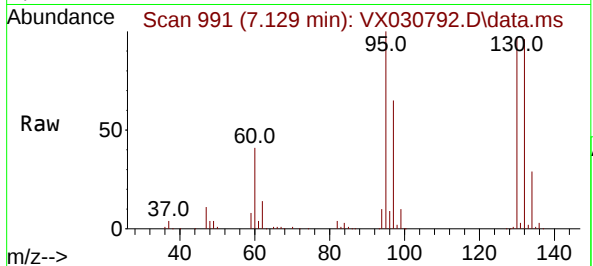




#44
Trichloroethene
Concen: 116.981 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

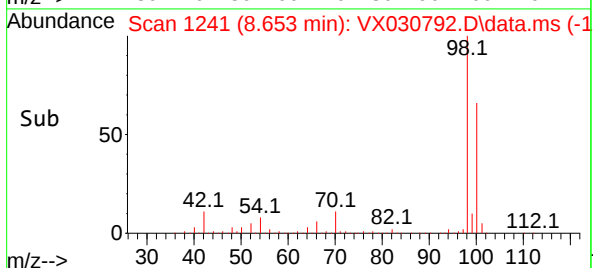
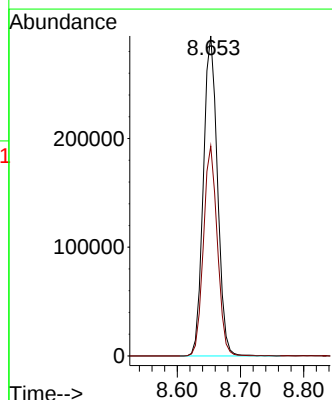
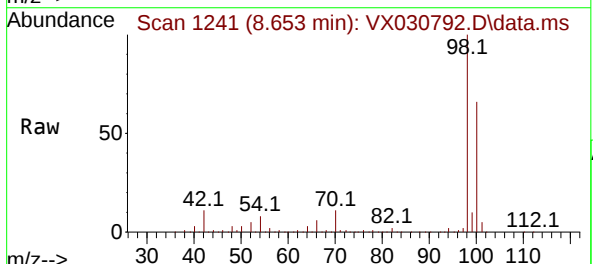
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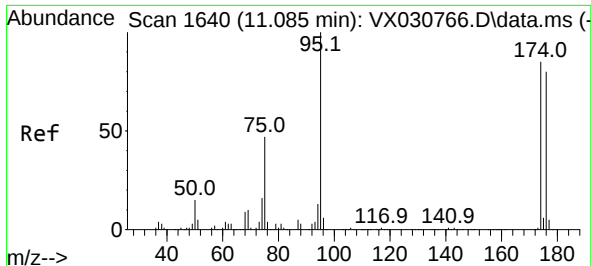
Tgt Ion:130 Resp: 327638
Ion Ratio Lower Upper
130 100
95 103.1 0.0 194.8



#50
Toluene-d8
Concen: 55.199 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 98 Resp: 457705
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

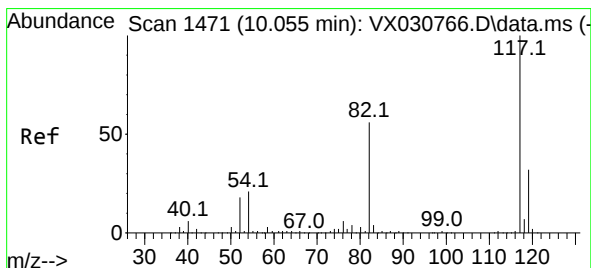
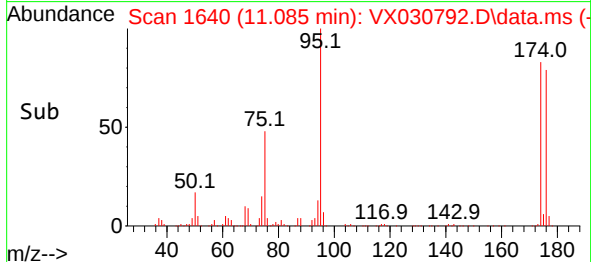
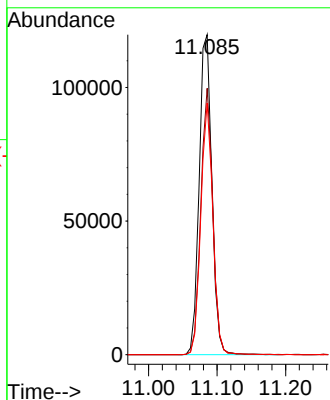
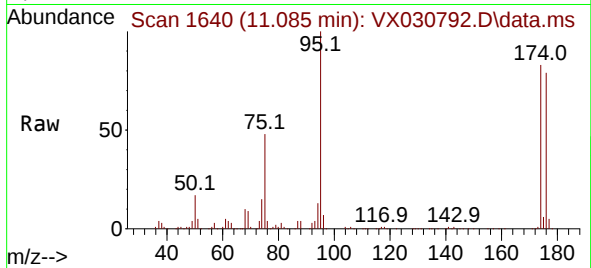




#62
4-Bromofluorobenzene
Concen: 49.986 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

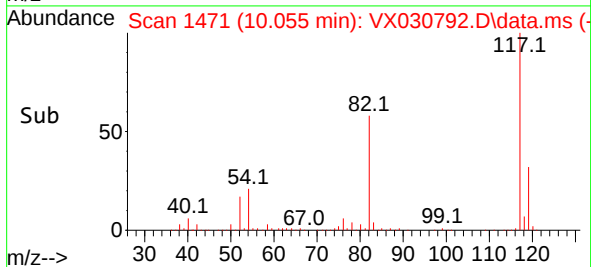
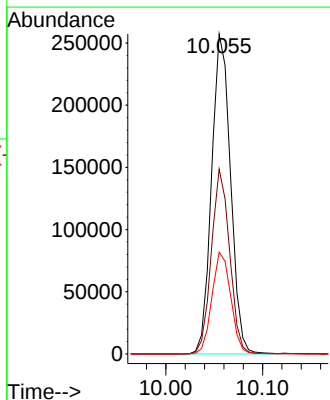
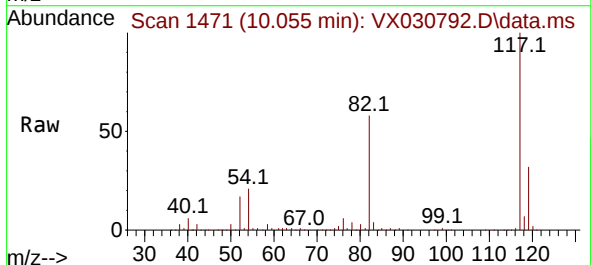
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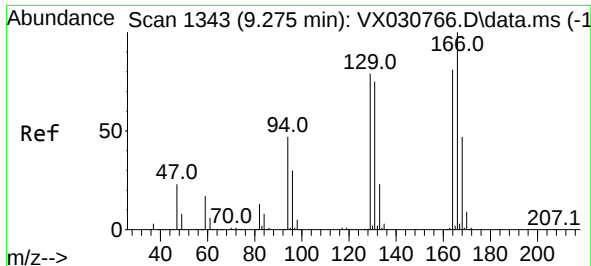
Tgt Ion: 95 Resp: 154311
Ion Ratio Lower Upper
95 100
174 79.4 0.0 149.0
176 74.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion: 117 Resp: 348954
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 31.8 25.4 38.2



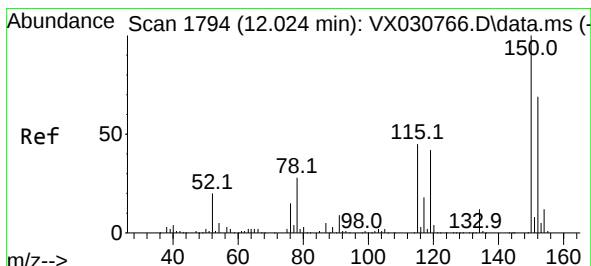
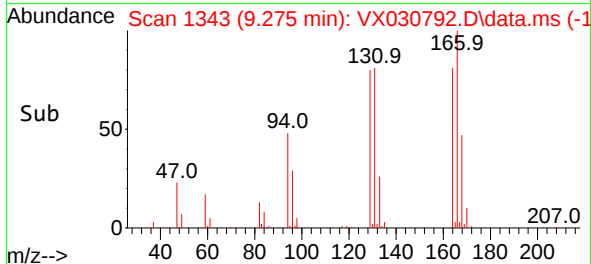
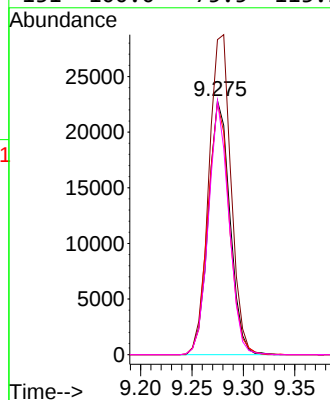
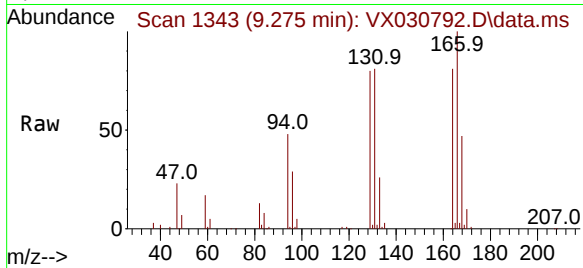


#64
Tetrachloroethene
Concen: 12.099 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030792.D
Acq: 26 Aug 2022 00:15

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816

Tgt Ion:164 Resp: 33259

Ion	Ratio	Lower	Upper
164	100		
166	124.0	98.2	147.4
129	99.1	80.8	121.2
131	100.0	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: VX030792.D
Acq: 26 Aug 2022 00:15

Tgt Ion:152 Resp: 156396

Ion	Ratio	Lower	Upper
152	100		
115	57.8	40.5	121.5
150	154.2	0.0	347.0

