

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030824.D
 Acq On : 26 Aug 2022 15:03
 Operator : JC/MD
 Sample : N4245-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816DL

Quant Time: Aug 27 02:39:48 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)

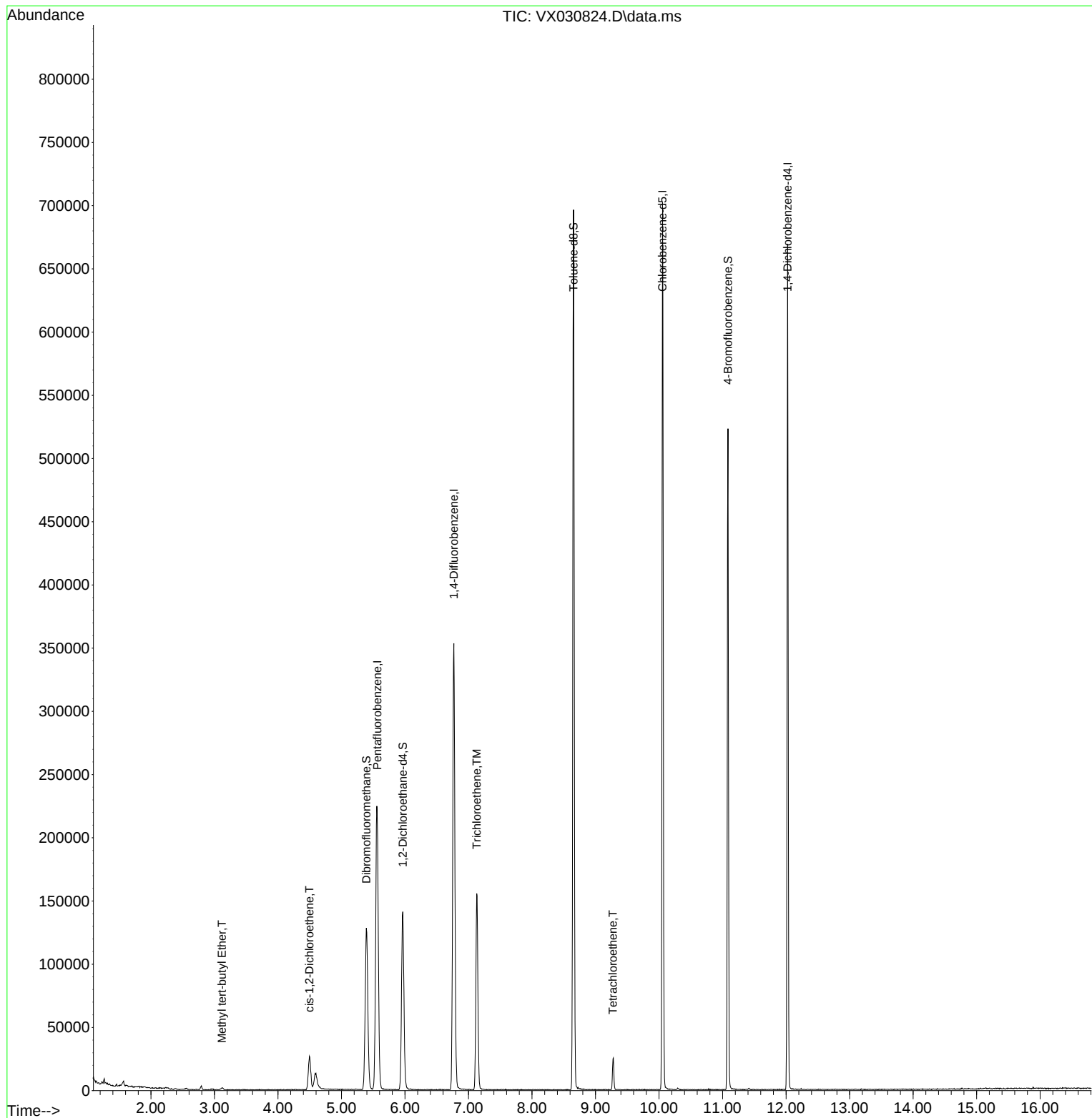
Internal Standards						
1) Pentafluorobenzene	5.562	168	220849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	366732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132173	50.879	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.760%		
35) Dibromofluoromethane	5.391	113	115763	51.362	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.720%		
50) Toluene-d8	8.653	98	423705	53.948	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.900%		
62) 4-Bromofluorobenzene	11.085	95	141042	48.235	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.480%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	1789	0.258	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	16983	6.392	ug/l	94
44) Trichloroethene	7.129	130	62442	23.538	ug/l	90
64) Tetrachloroethene	9.275	164	4808	1.907	ug/l	91

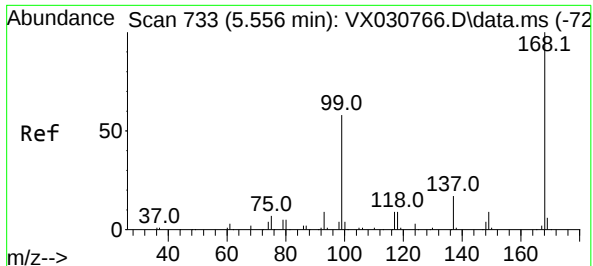
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

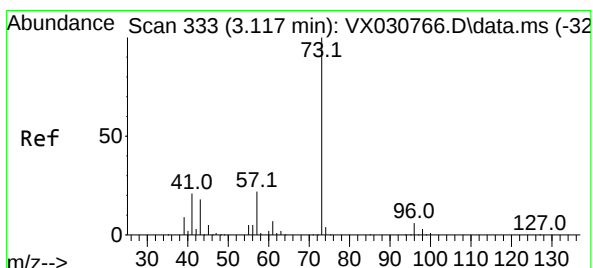
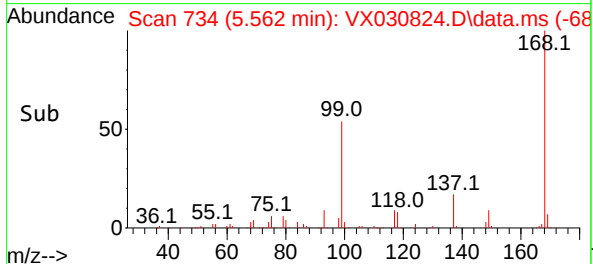
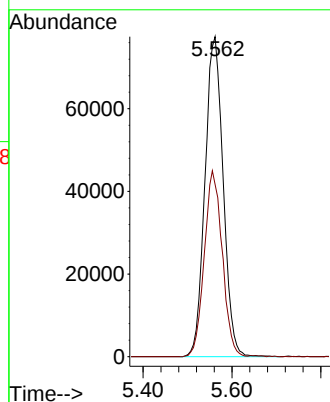
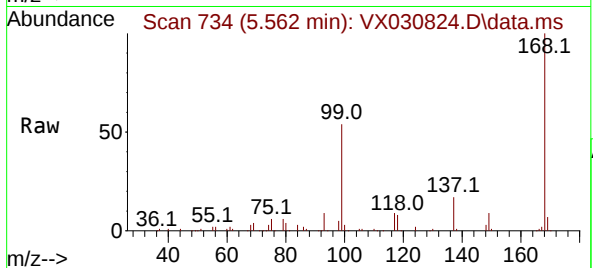




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

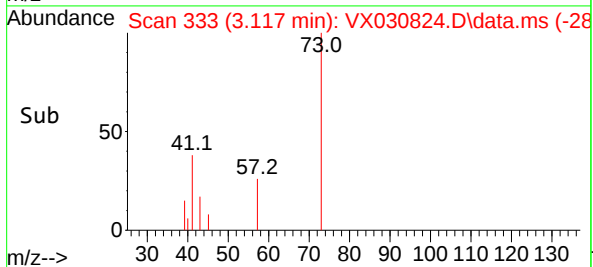
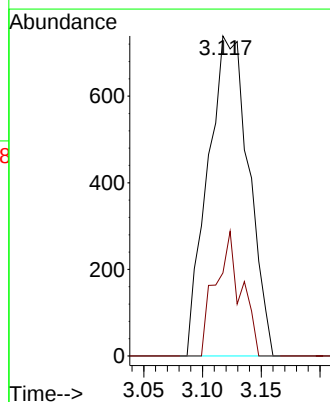
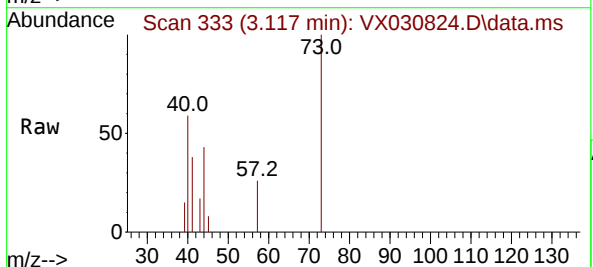
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816DL

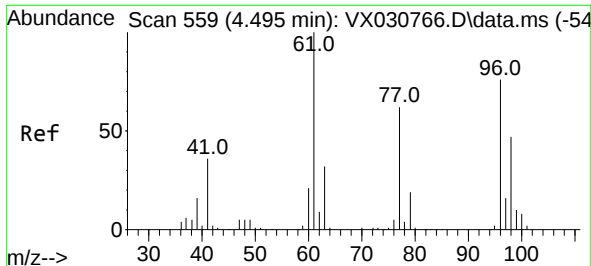
Tgt Ion:168 Resp: 220849
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 0.258 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

Tgt Ion: 73 Resp: 1789
Ion Ratio Lower Upper
73 100
57 26.0 19.0 28.6

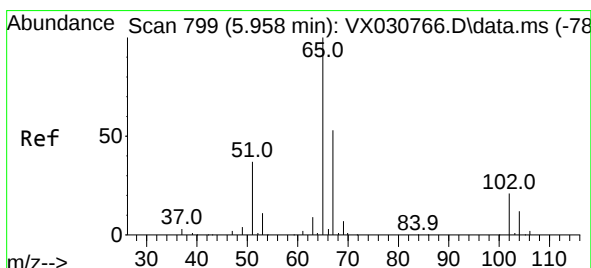
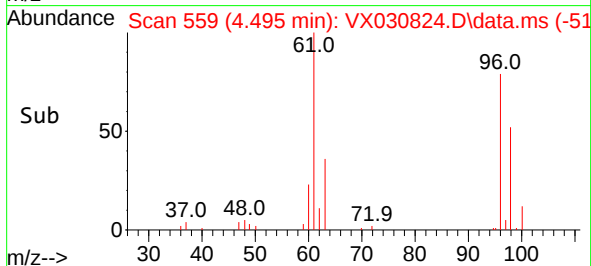
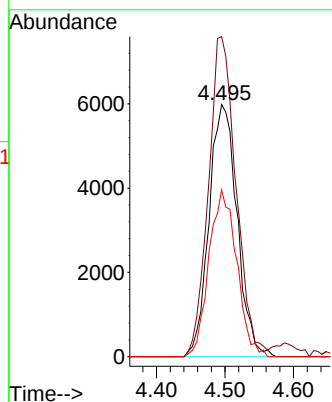
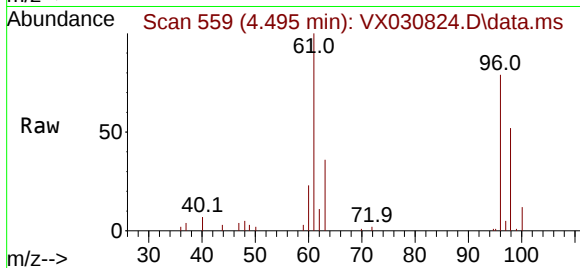




#27
 cis-1,2-Dichloroethene
 Concen: 6.392 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX030824.D
 Acq: 26 Aug 2022 15:03

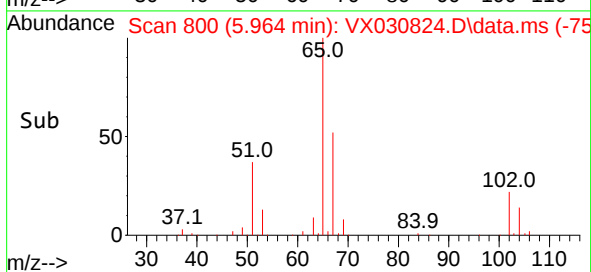
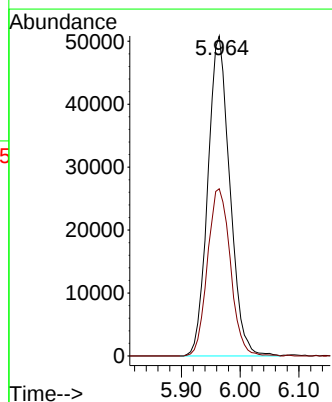
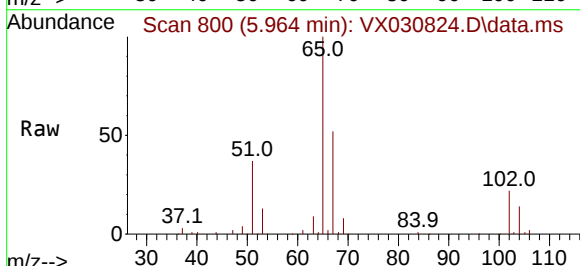
Instrument :
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 ClientSampleId :
 DUP02-20220816DL

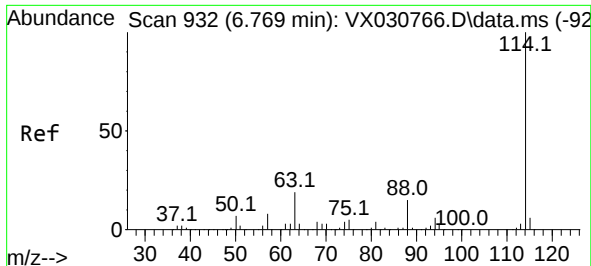
Tgt Ion: 96	Resp: 16983
Ion Ratio	Lower Upper
96 100	
61 125.1	0.0 270.0
98 65.4	0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.879 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030824.D
 Acq: 26 Aug 2022 15:03

Tgt Ion: 65	Resp: 132173
Ion Ratio	Lower Upper
65 100	
67 54.4	0.0 109.6

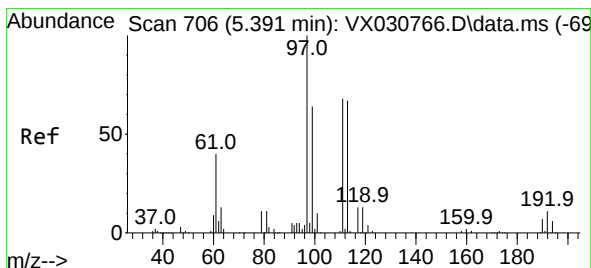
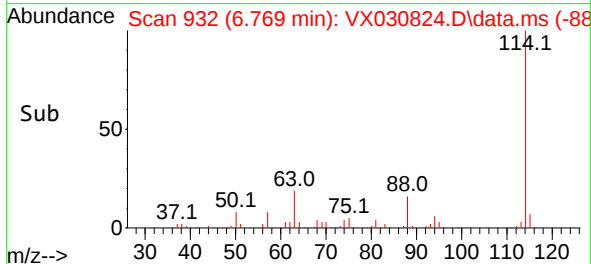
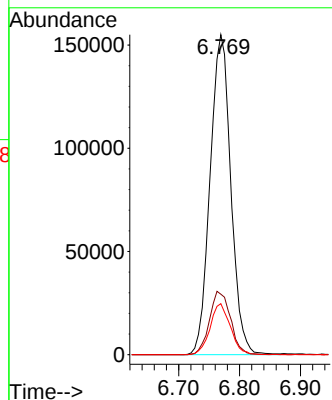
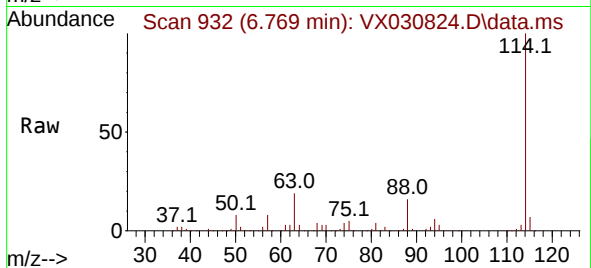




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX030824.D
 Acq: 26 Aug 2022 15:03

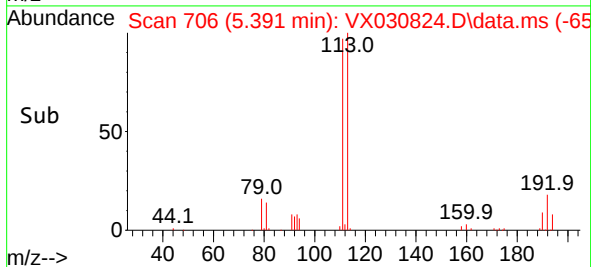
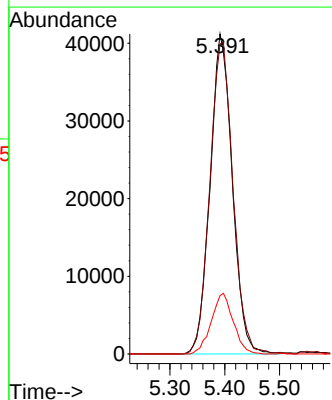
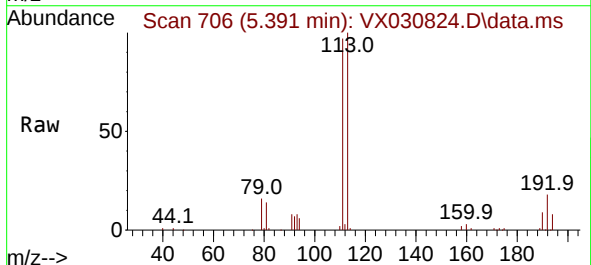
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220816DL

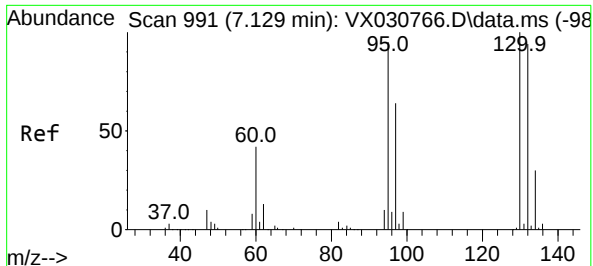
Tgt Ion:114 Resp: 366732
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 16.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 51.362 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX030824.D
 Acq: 26 Aug 2022 15:03

Tgt Ion:113 Resp: 115763
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.2 124.8
 192 18.7 14.8 22.2

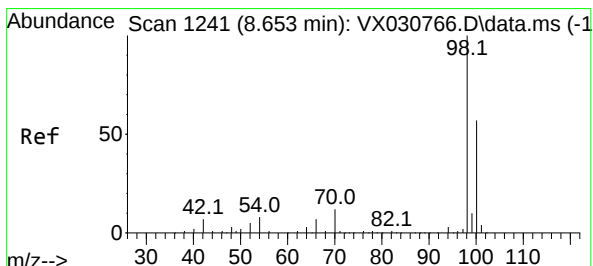
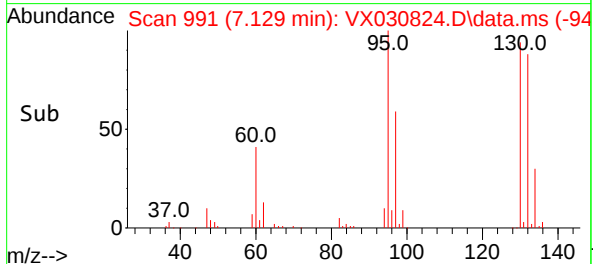
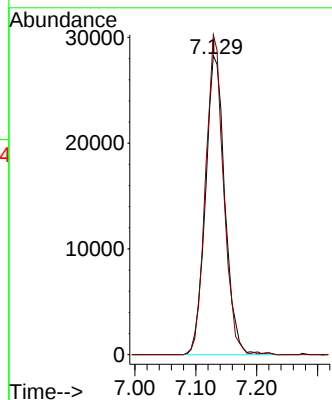
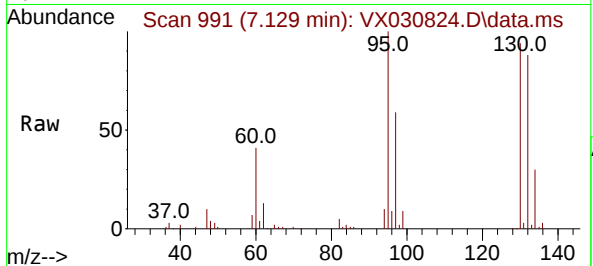




#44
Trichloroethene
Concen: 23.538 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

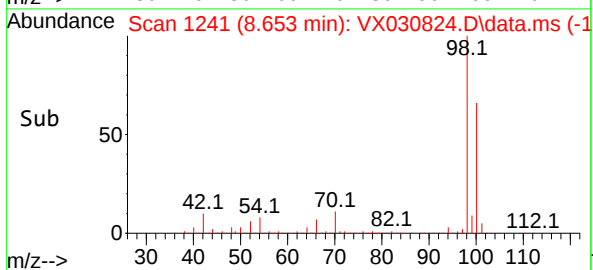
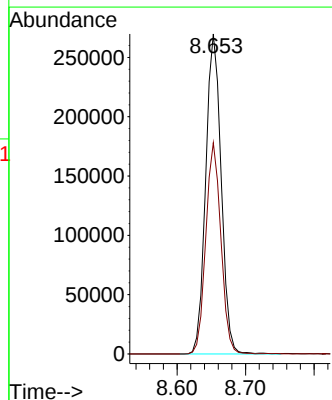
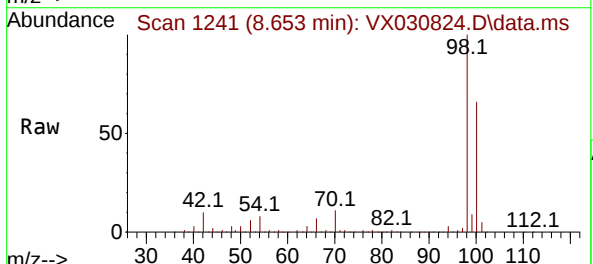
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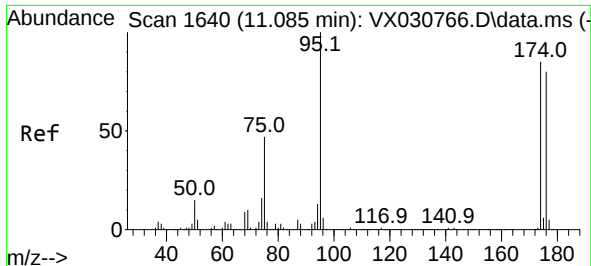
Tgt Ion:130 Resp: 62442
Ion Ratio Lower Upper
130 100
95 106.9 0.0 194.8



#50
Toluene-d8
Concen: 53.948 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

Tgt Ion: 98 Resp: 423705
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

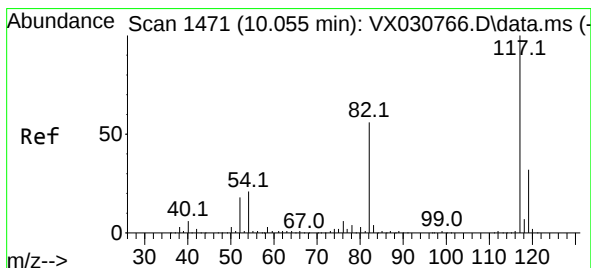
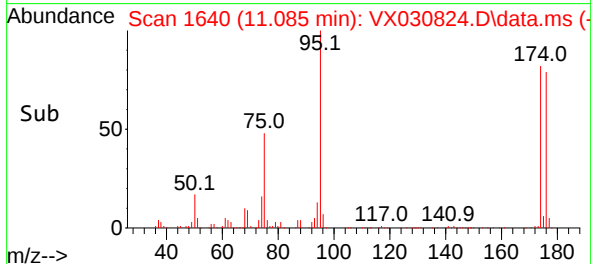
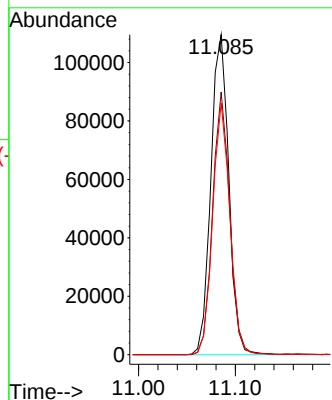
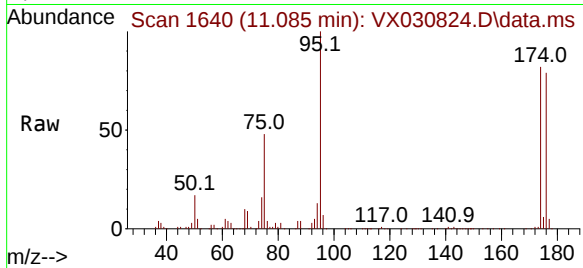




#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

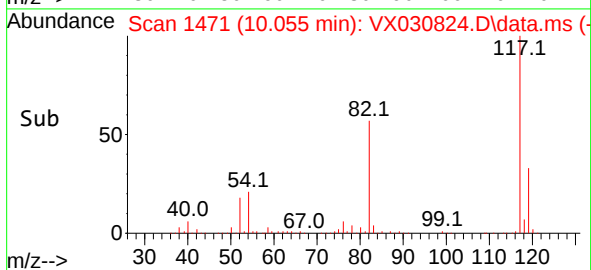
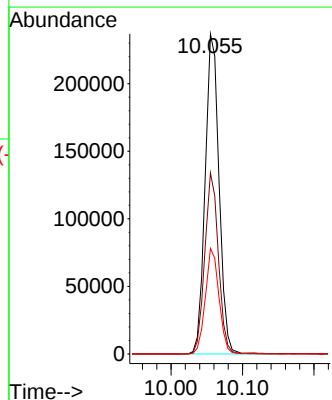
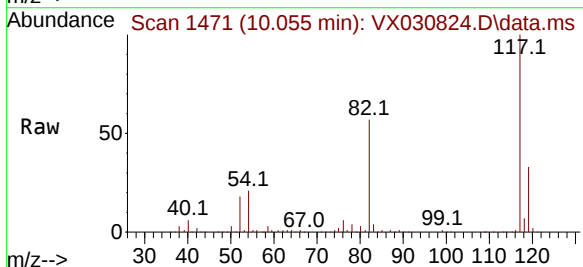
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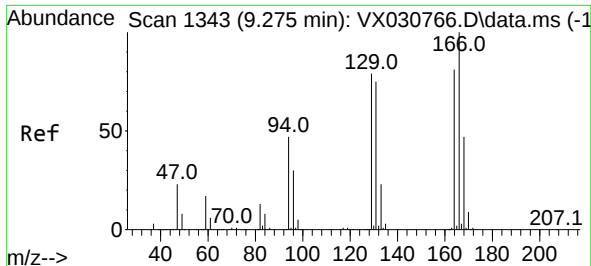
Tgt Ion: 95 Resp: 141042
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.0
176 75.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

Tgt Ion: 117 Resp: 320138
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 33.0 25.4 38.2

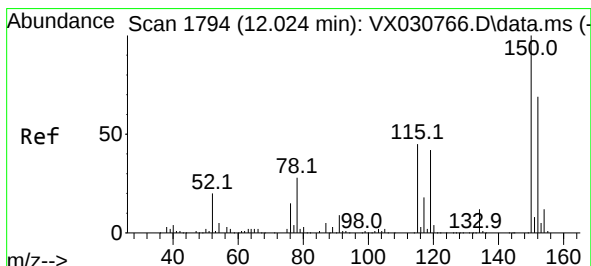
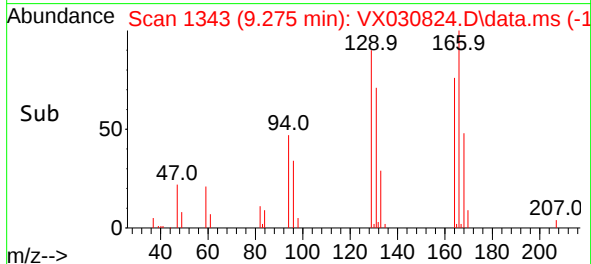
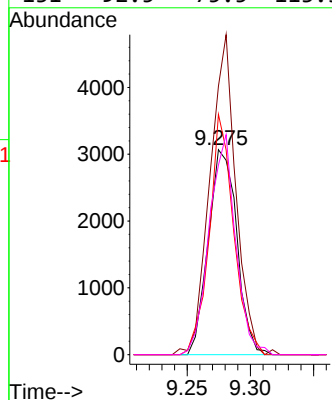
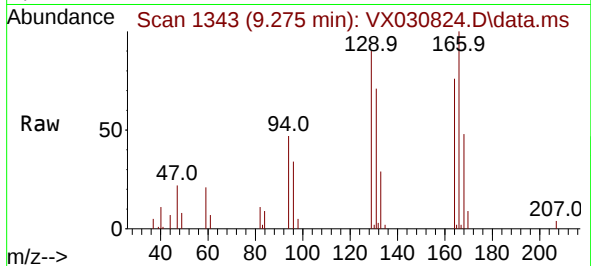




#64
Tetrachloroethene
Concen: 1.907 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030824.D
Acq: 26 Aug 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220816DL

Tgt Ion:164	Resp:	4808
Ion	Ratio	Lower Upper
164	100	
166	131.0	98.2 147.4
129	117.3	80.8 121.2
131	92.5	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: VX030824.D
Acq: 26 Aug 2022 15:03

Tgt Ion:152	Resp:	132123
Ion	Ratio	Lower Upper
152	100	
115	60.1	40.5 121.5
150	156.0	0.0 347.0

