

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026172.D
 Acq On : 30 Dec 2021 16:46
 Operator : JC/MD
 Sample : M5207-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1S-122121

Quant Time: Dec 31 07:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

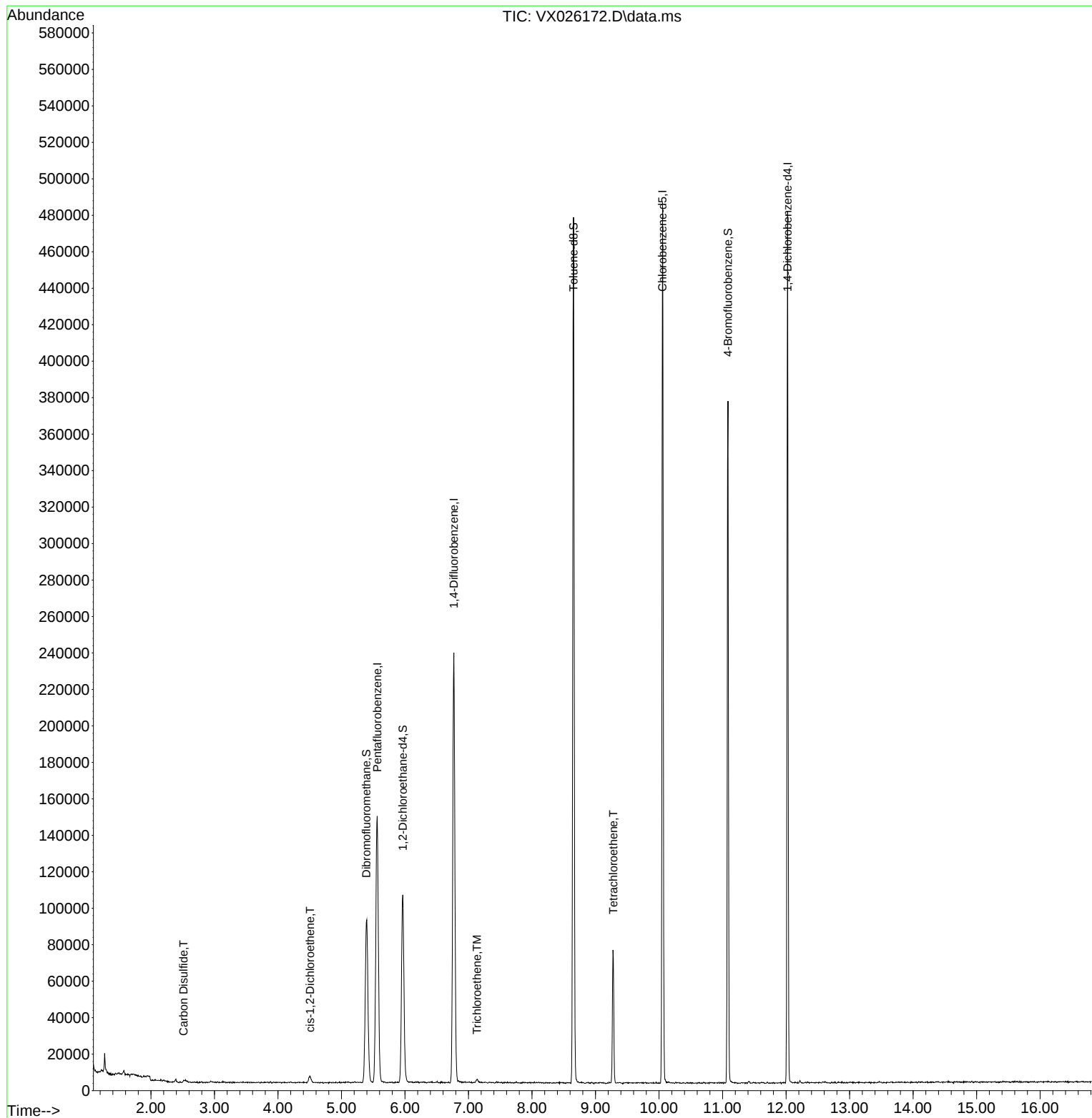
Internal Standards						
1) Pentafluorobenzene	5.562	168	130547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99136	52.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.980%
35) Dibromofluoromethane	5.391	113	76226	52.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	8.653	98	263506	48.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.085	95	91518	47.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%
Target Compounds						
						Qvalue
17) Carbon Disulfide	2.514	76	1216	0.293	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	2225	1.240	ug/l	92
44) Trichloroethene	7.135	130	642	0.355	ug/l	77
64) Tetrachloroethene	9.281	164	13056	7.784	ug/l	93

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

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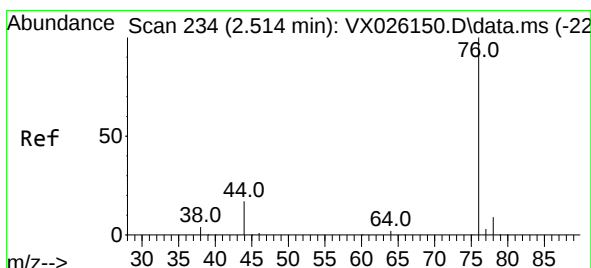
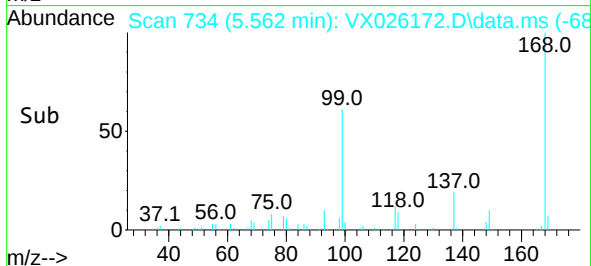
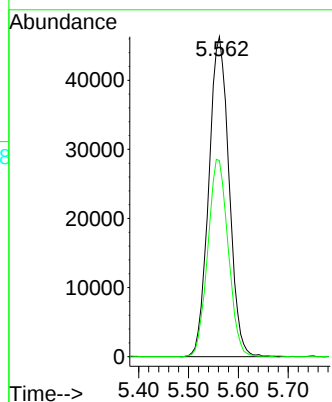
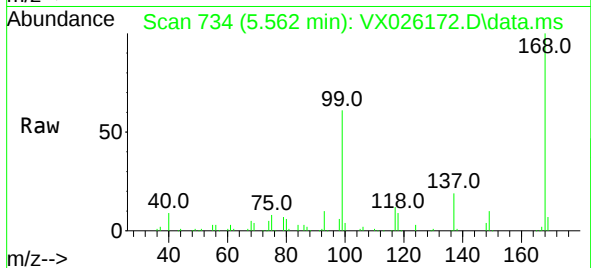




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

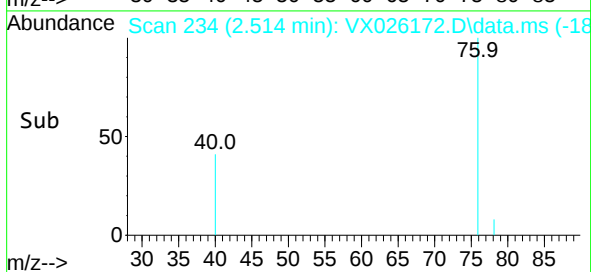
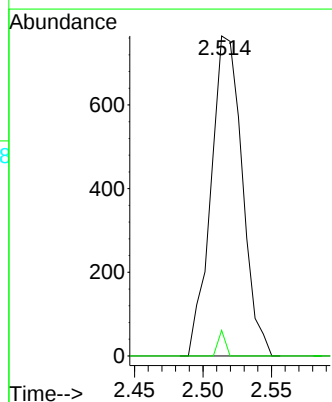
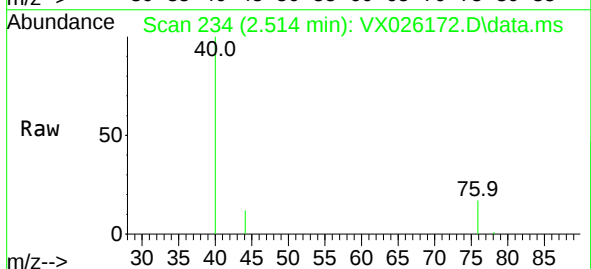
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

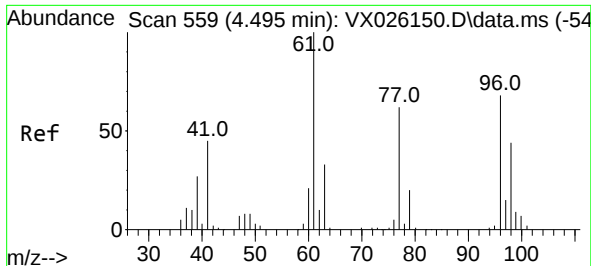
Tgt Ion:168 Resp: 130547
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.8



#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 76 Resp: 1216
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8





#27

cis-1,2-Dichloroethene

Concen: 1.240 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX026172.D

Acq: 30 Dec 2021 16:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1S-122121

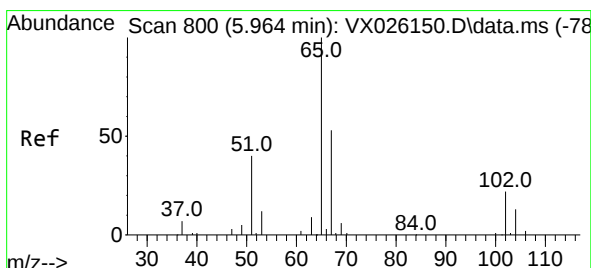
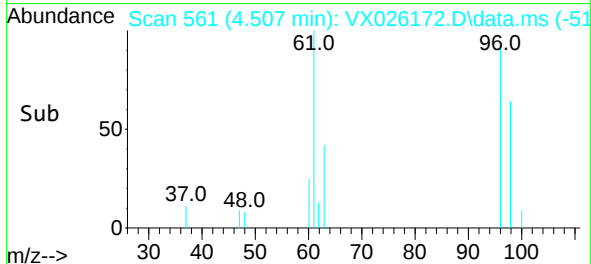
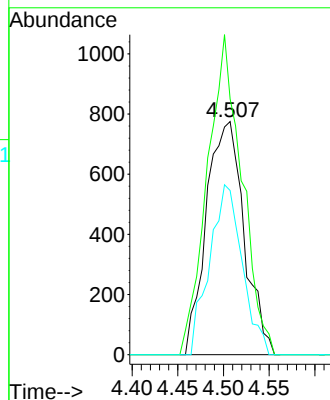
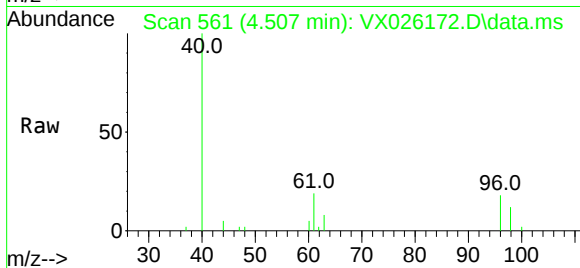
Tgt Ion: 96 Resp: 2225

Ion Ratio Lower Upper

96 100

61 125.6 0.0 276.8

98 63.1 0.0 130.6



#33

1,2-Dichloroethane-d4

Concen: 52.491 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026172.D

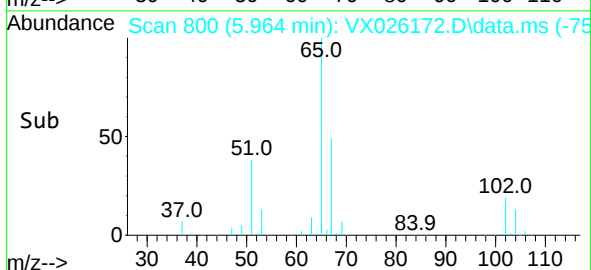
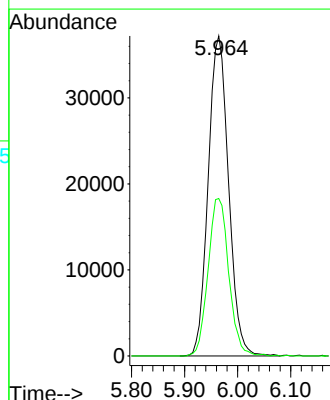
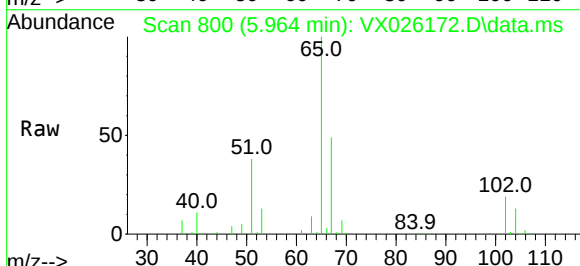
Acq: 30 Dec 2021 16:46

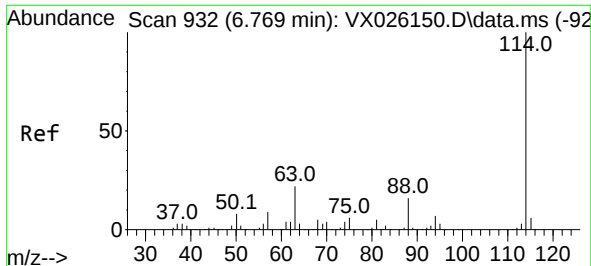
Tgt Ion: 65 Resp: 99136

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.4

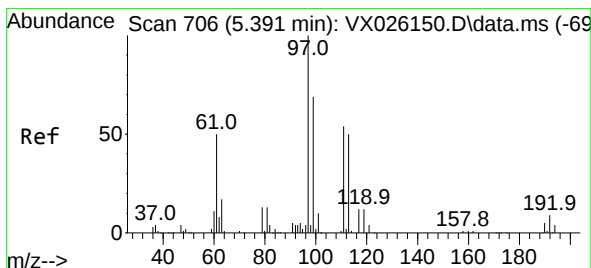
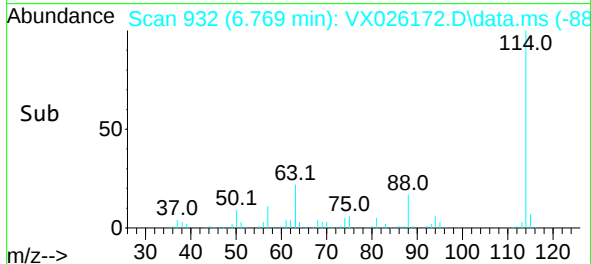
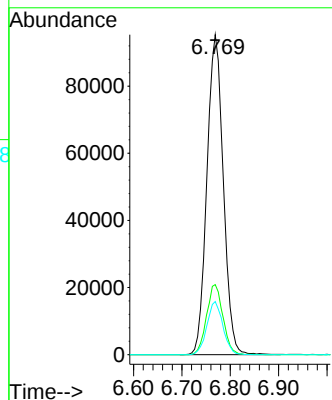
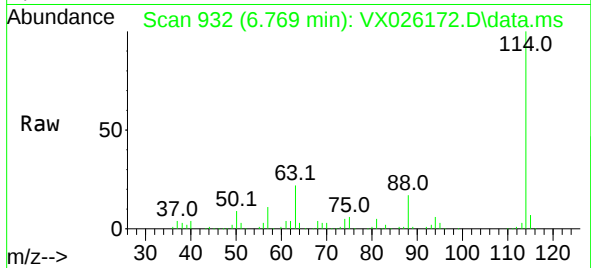




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

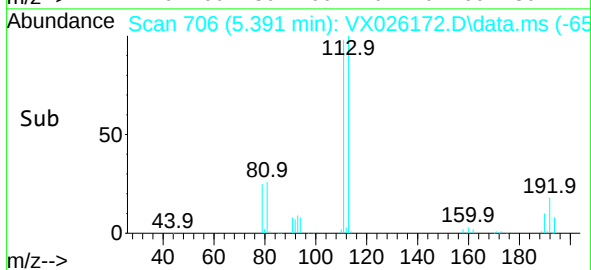
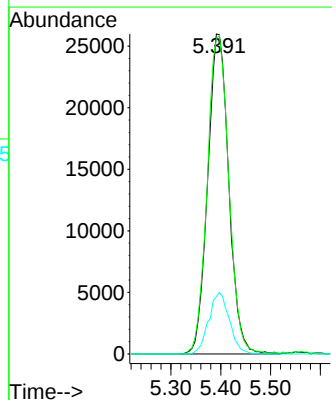
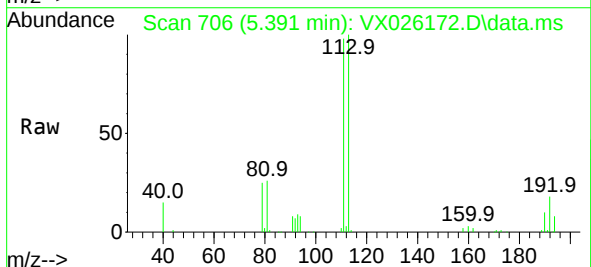
Instrument :
MSVOA_X
ClientSampleId :
MW-1S-122121

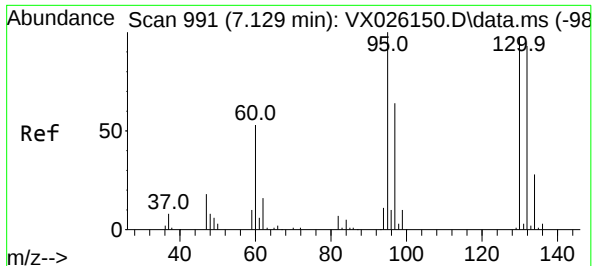
Tgt Ion:114 Resp: 224435
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.241 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion:113 Resp: 76226
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 18.8 15.0 22.4

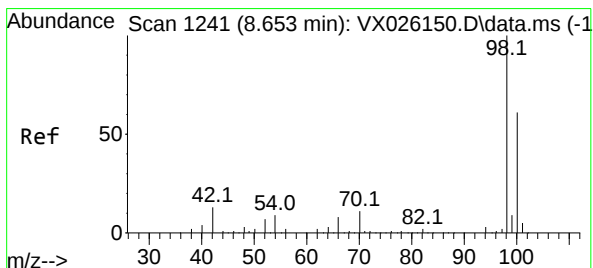
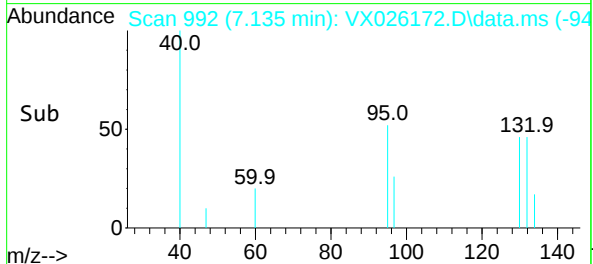
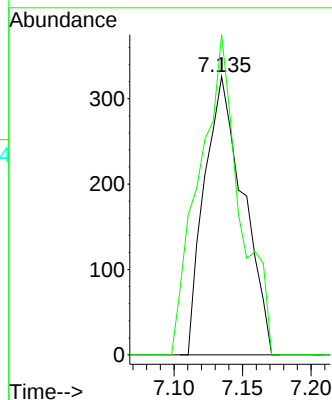
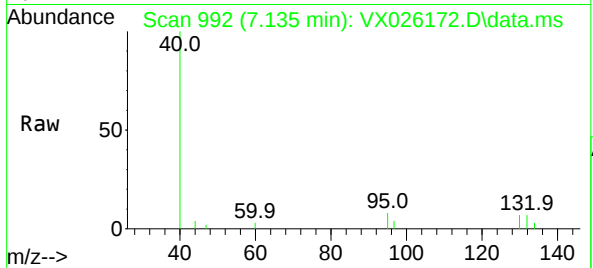




#44
Trichloroethene
Concen: 0.355 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

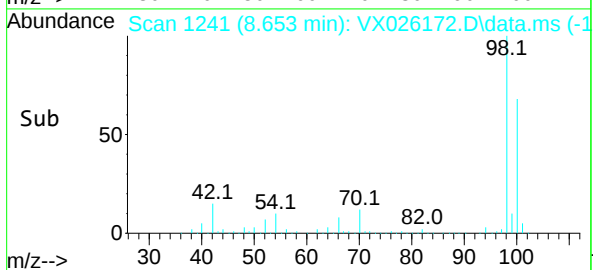
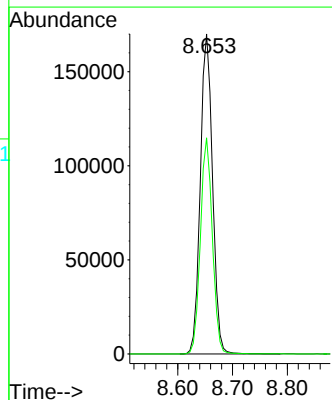
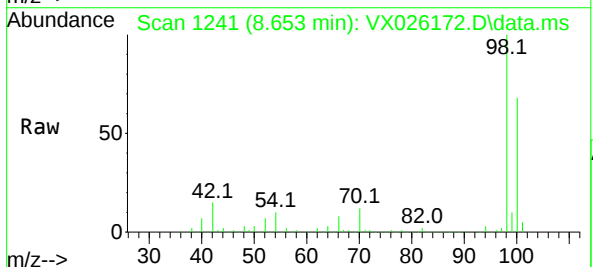
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MSVOA_X
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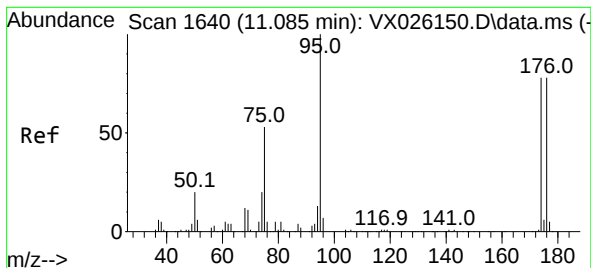
Tgt Ion:130 Resp: 642
Ion Ratio Lower Upper
130 100
95 115.0 0.0 186.4



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 98 Resp: 263506
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

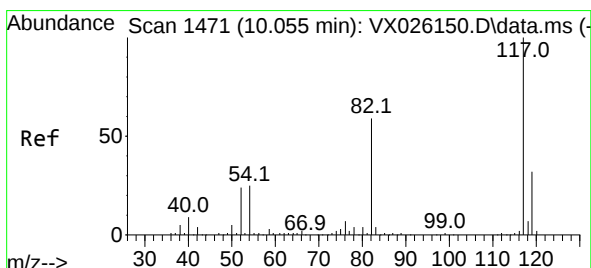
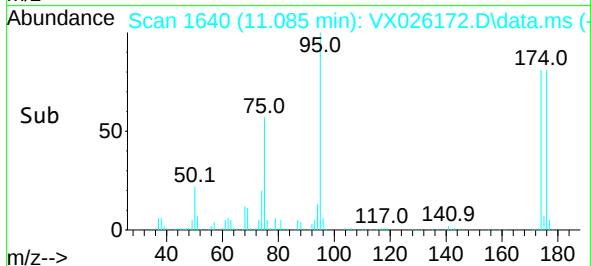
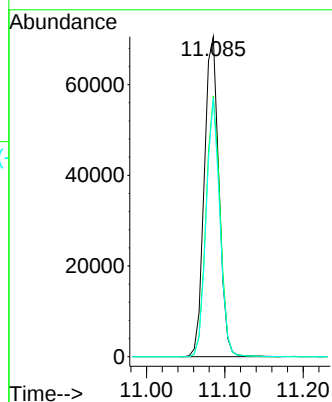
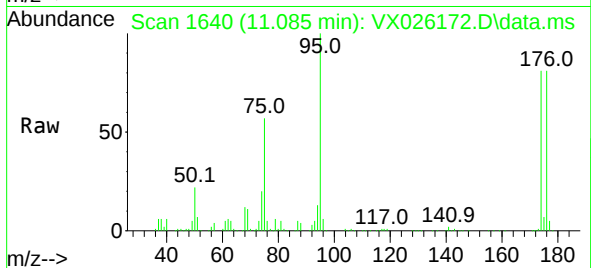




#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

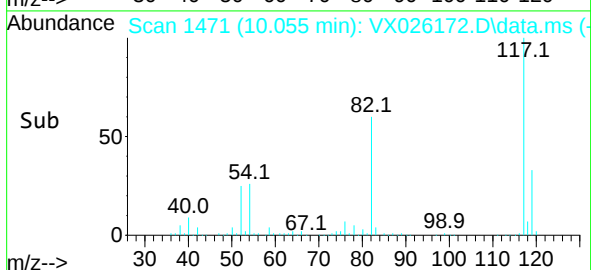
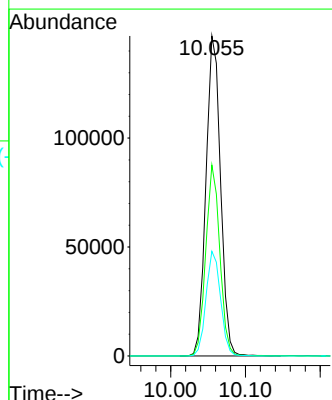
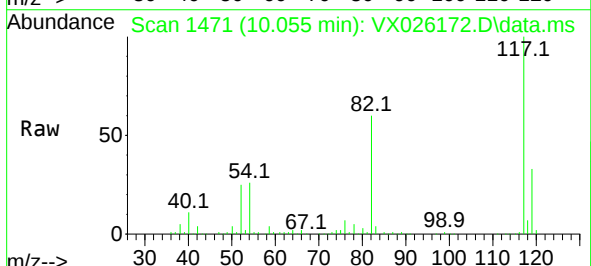
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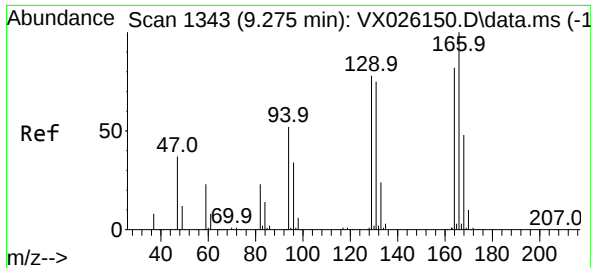
Tgt Ion: 95 Resp: 91518
Ion Ratio Lower Upper
95 100
174 78.2 0.0 157.4
176 75.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion: 117 Resp: 198748
Ion Ratio Lower Upper
117 100
82 59.7 43.8 65.6
119 32.7 25.2 37.8

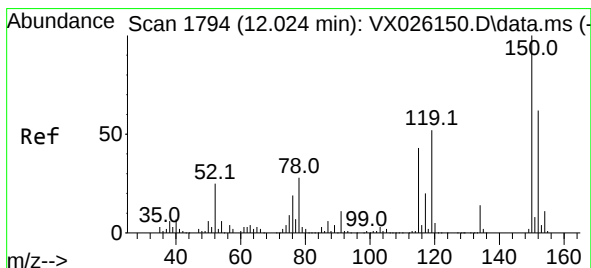
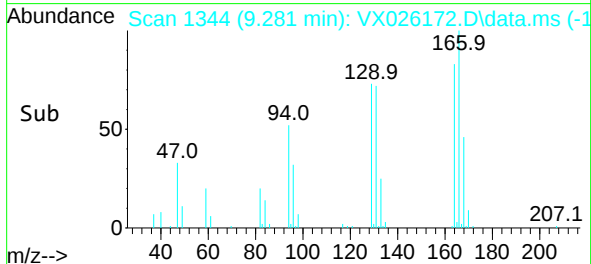
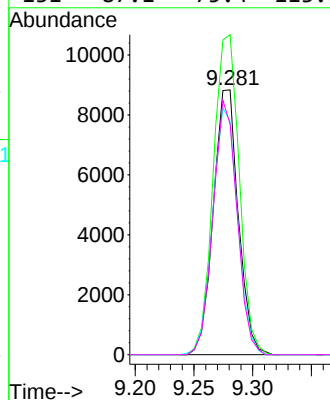
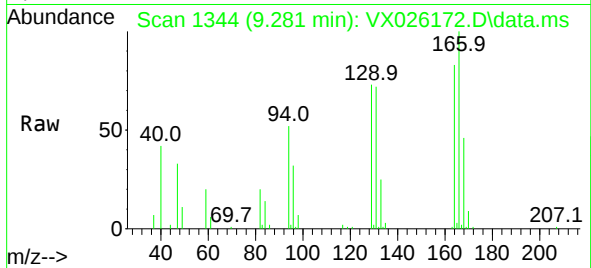




#64
Tetrachloroethene
Concen: 7.784 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Instrument :
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ClientSampleId :
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Tgt Ion:164	Resp:	13056
Ion	Ratio	Lower Upper
164	100	
166	120.9	99.4 149.0
129	88.2	78.6 118.0
131	87.1	75.4 113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026172.D
Acq: 30 Dec 2021 16:46

Tgt Ion:152	Resp:	87953
Ion	Ratio	Lower Upper
152	100	
115	60.2	41.3 123.9
150	157.4	0.0 351.8

