

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027311.D
 Acq On : 04 Mar 2022 19:01
 Operator : JC/MD
 Sample : N1783-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 05 00:46:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

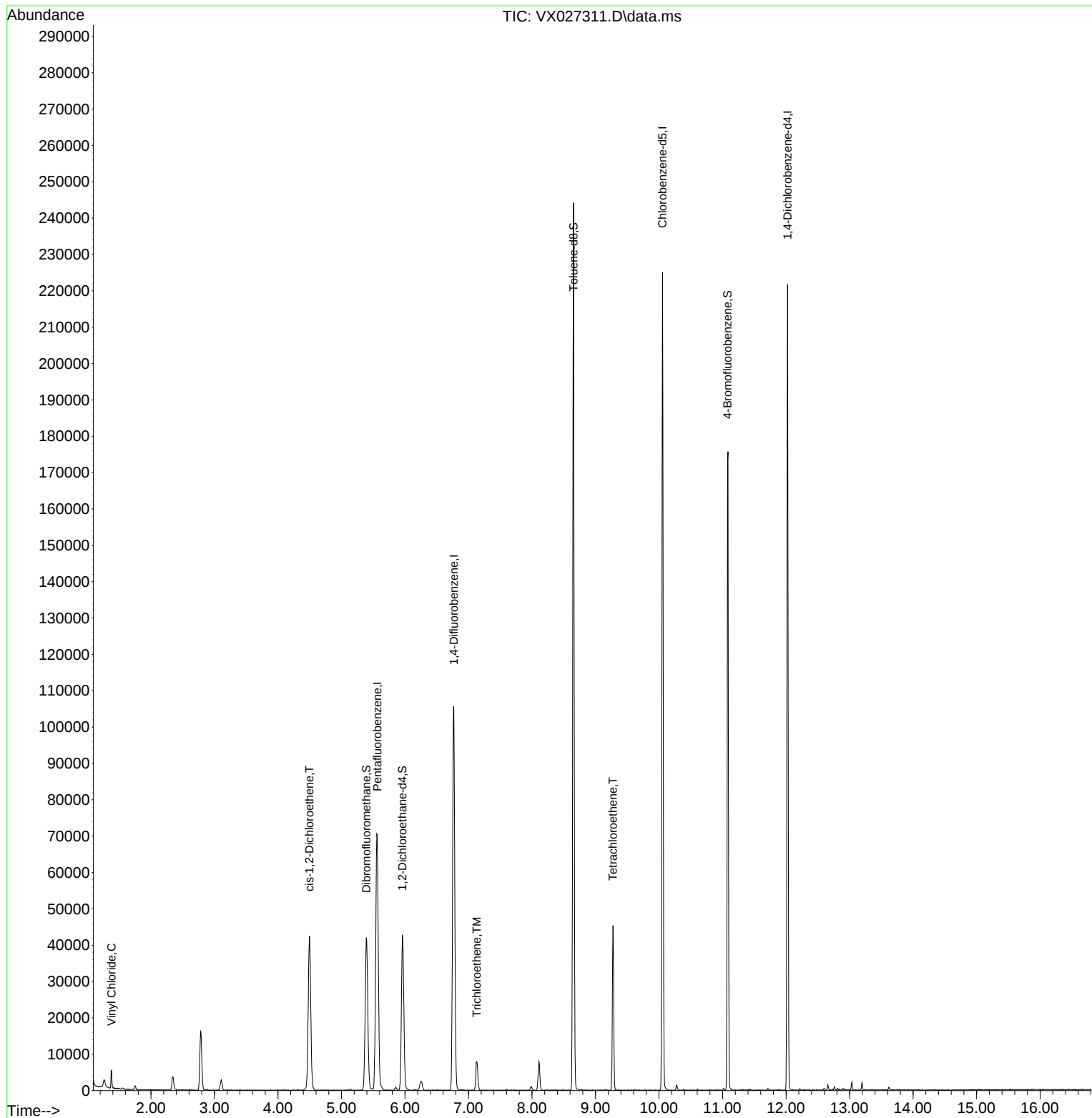
Internal Standards						
1) Pentafluorobenzene	5.562	168	70236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	113075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42700	50.620	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.240%
35) Dibromofluoromethane	5.391	113	36554	52.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	8.653	98	133304	50.794	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.079	95	47492	47.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.280%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	2953	4.543	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	27937	33.035	ug/l	84
44) Trichloroethene	7.129	130	3479	3.882	ug/l	98
64) Tetrachloroethene	9.275	164	8861	9.491	ug/l	98

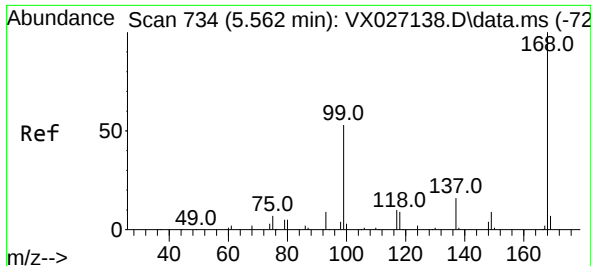
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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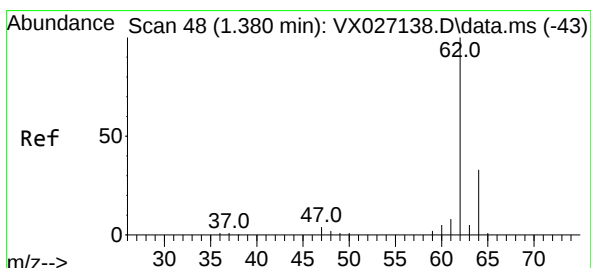
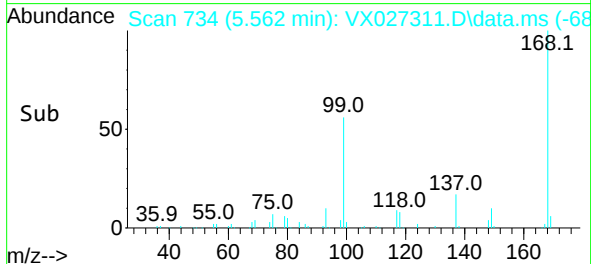
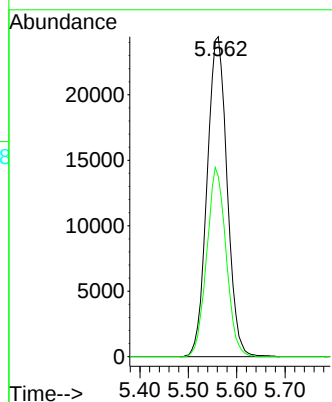
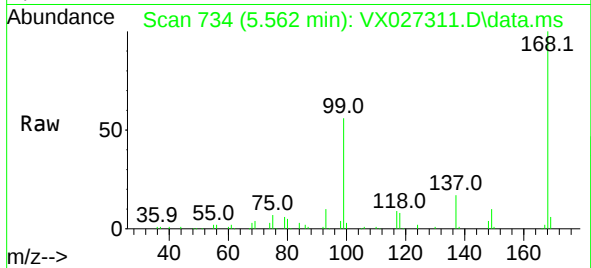




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

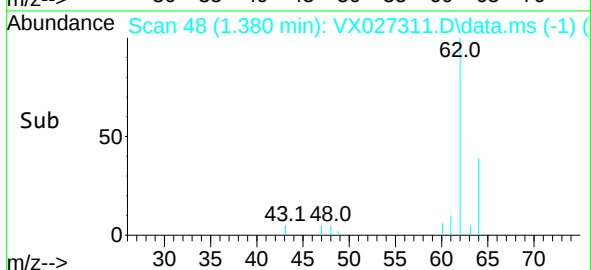
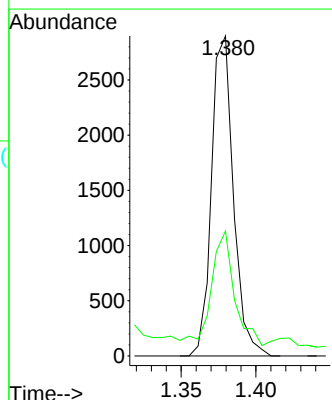
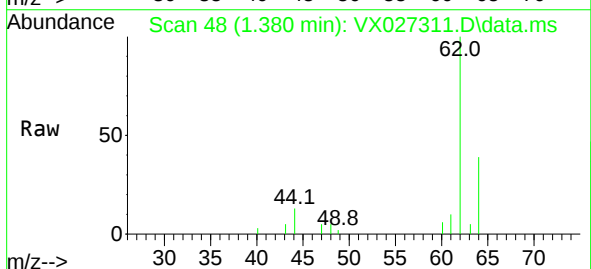
Instrument :
MSVOA_X
ClientSampleId :
MW-1

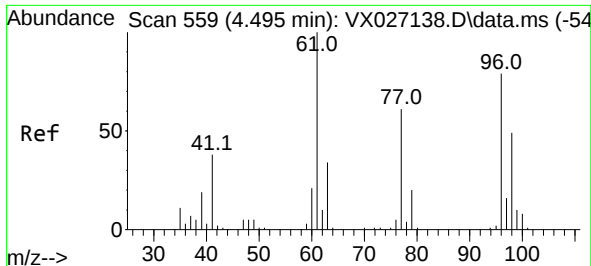
Tgt Ion:168 Resp: 70236
Ion Ratio Lower Upper
168 100
99 56.4 50.3 75.5



#4
Vinyl Chloride
Concen: 4.543 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Tgt Ion: 62 Resp: 2953
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.2





#27

cis-1,2-Dichloroethene

Concen: 33.035 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX027311.D

Acq: 04 Mar 2022 19:01

Instrument :

MSVOA_X

ClientSampleId :

MW-1

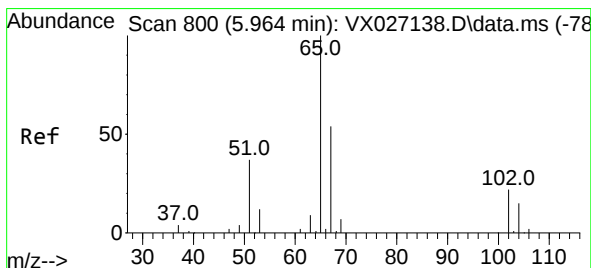
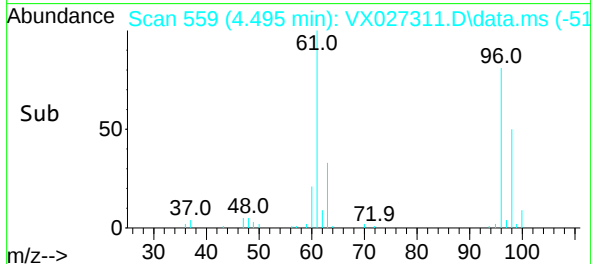
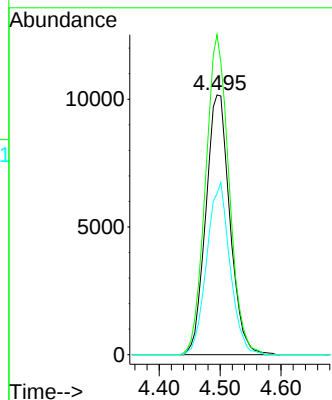
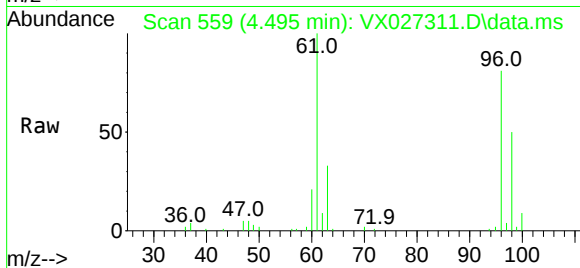
Tgt Ion: 96 Resp: 27937

Ion Ratio Lower Upper

96 100

61 120.1 0.0 296.6

98 64.0 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 50.620 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027311.D

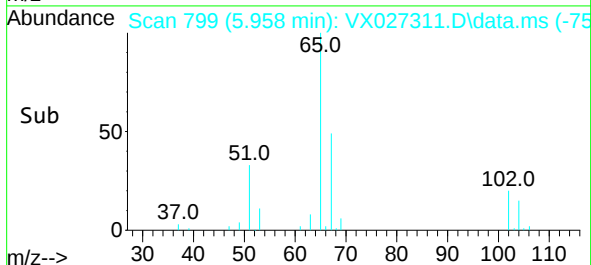
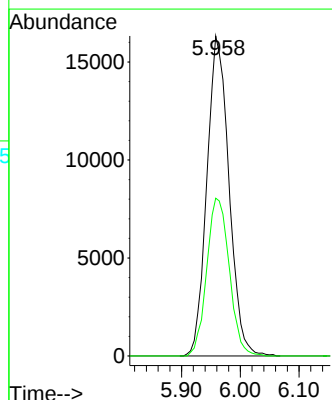
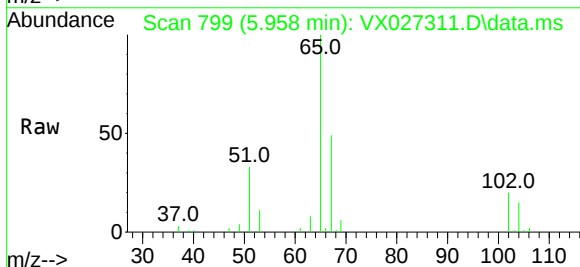
Acq: 04 Mar 2022 19:01

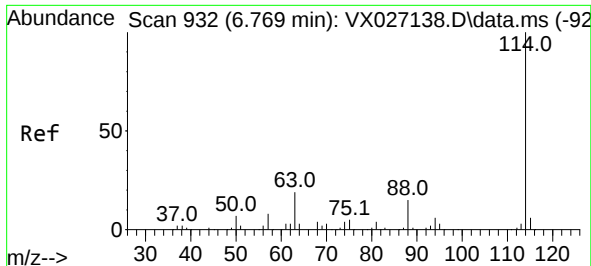
Tgt Ion: 65 Resp: 42700

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8

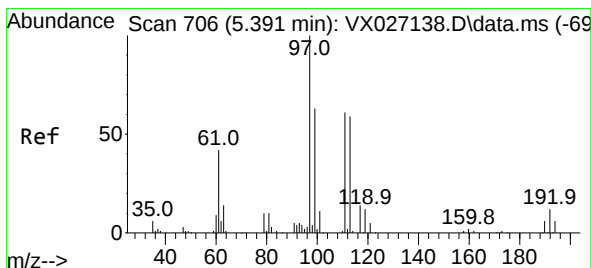
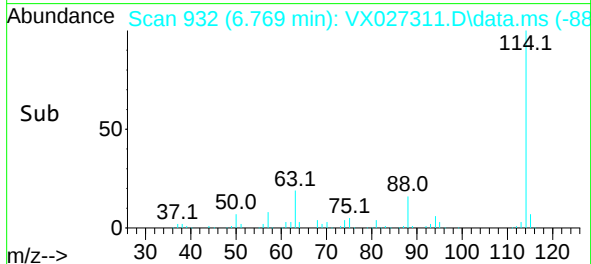
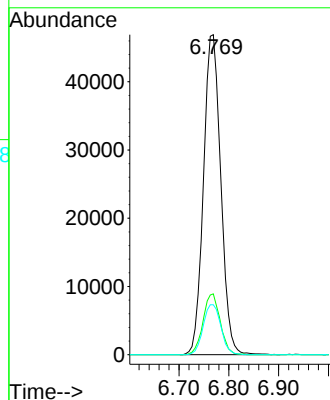
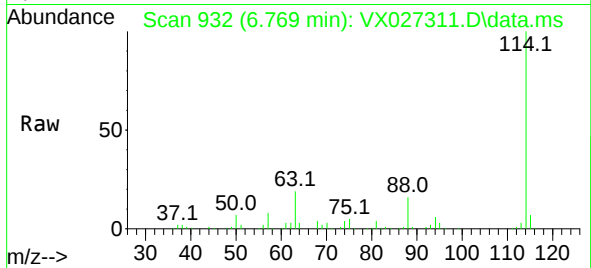




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

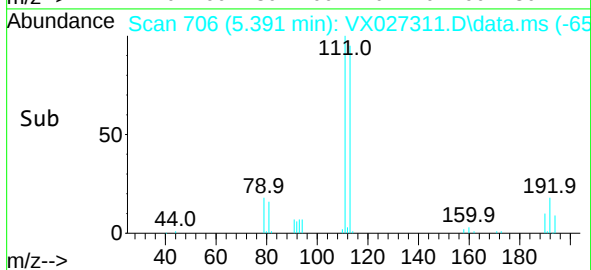
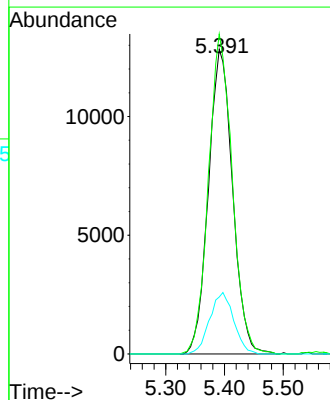
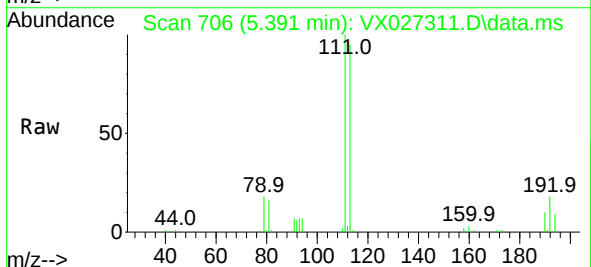
Instrument :
MSVOA_X
ClientSampleId :
MW-1

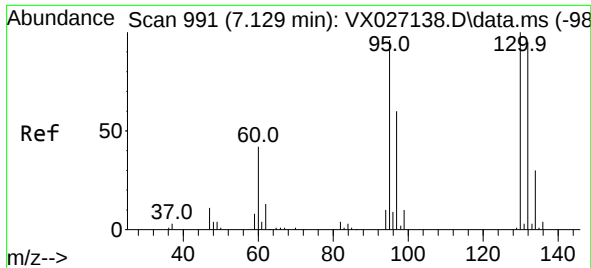
Tgt Ion:114 Resp: 113075
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.8
88 15.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.080 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Tgt Ion:113 Resp: 36554
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 20.1 15.0 22.4

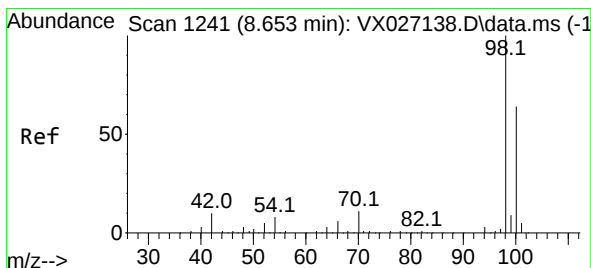
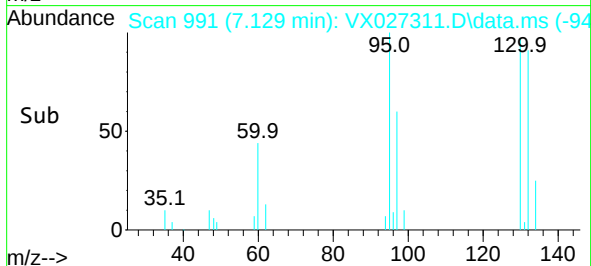
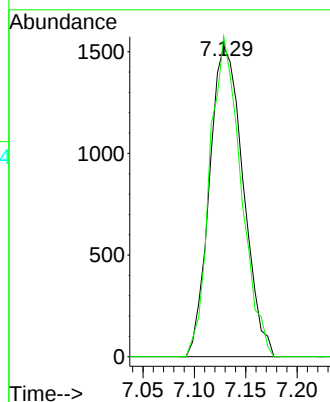
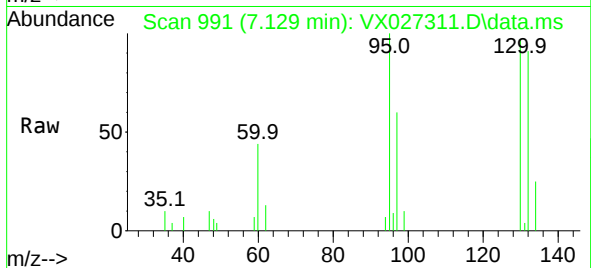




#44
Trichloroethene
Concen: 3.882 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

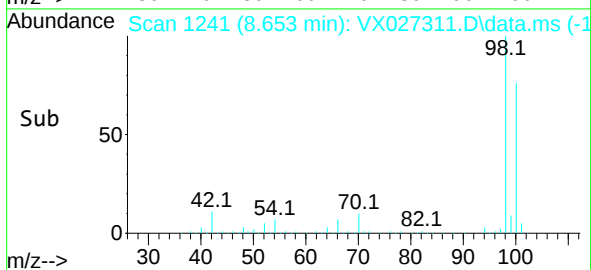
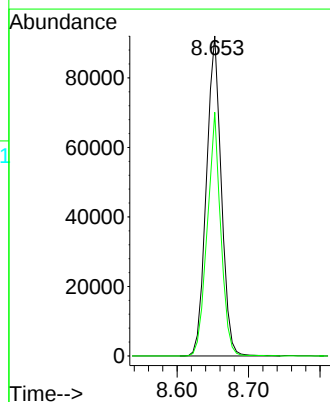
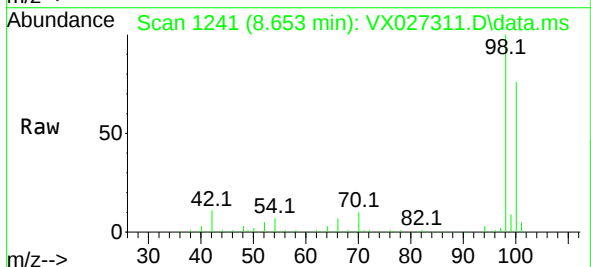
Instrument :
MSVOA_X
ClientSampleId :
MW-1

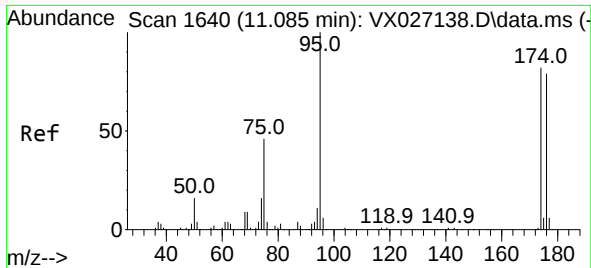
Tgt Ion:130 Resp: 3479
Ion Ratio Lower Upper
130 100
95 103.1 0.0 202.6



#50
Toluene-d8
Concen: 50.794 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Tgt Ion: 98 Resp: 133304
Ion Ratio Lower Upper
98 100
100 69.3 53.2 79.8

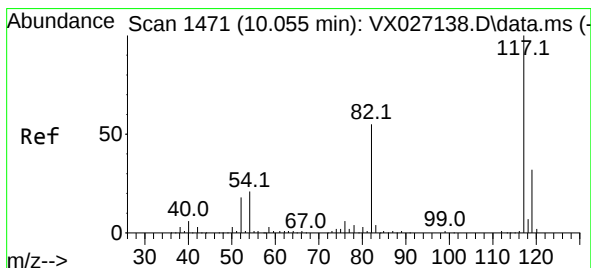
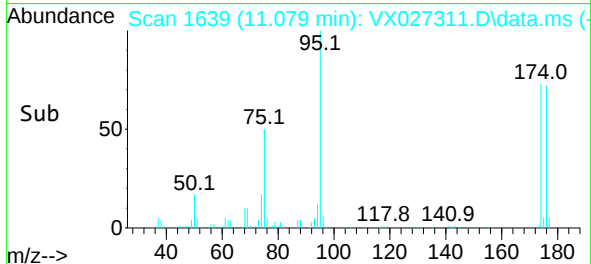
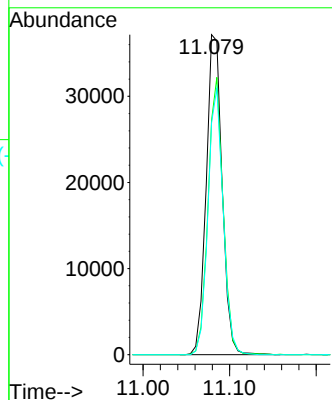
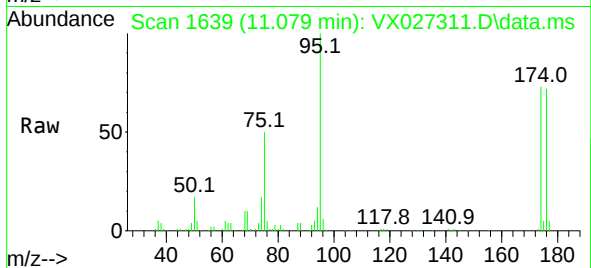




#62
4-Bromofluorobenzene
Concen: 47.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

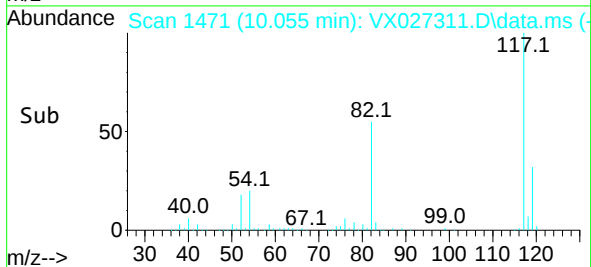
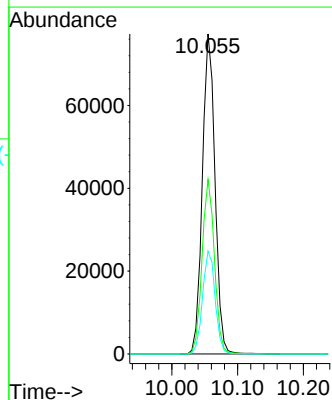
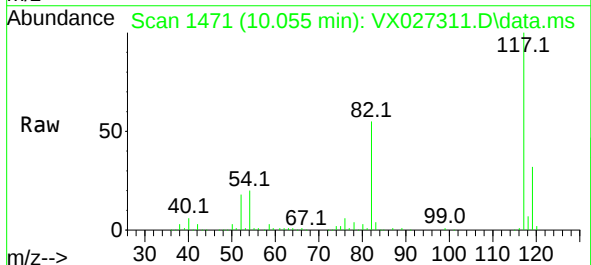
Instrument :
MSVOA_X
ClientSampleId :
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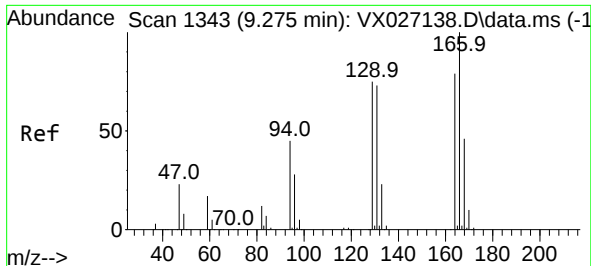
Tgt Ion: 95 Resp: 47492
Ion Ratio Lower Upper
95 100
174 81.9 0.0 148.6
176 79.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Tgt Ion: 117 Resp: 103195
Ion Ratio Lower Upper
117 100
82 54.6 45.2 67.8
119 32.2 26.2 39.2

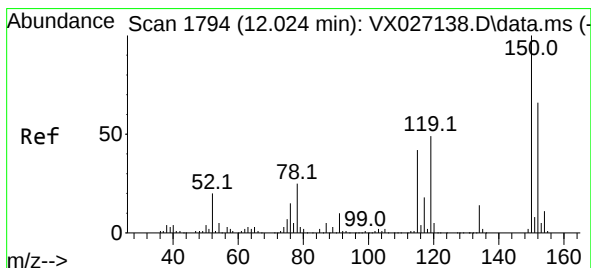
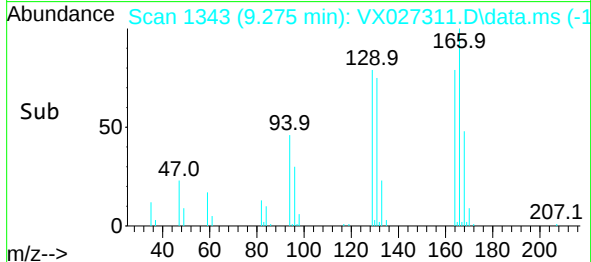
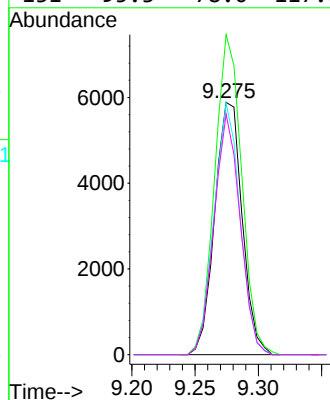
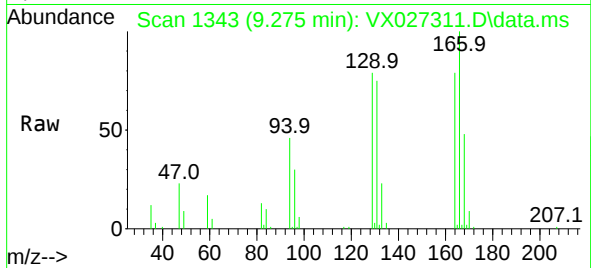




#64
Tetrachloroethene
Concen: 9.491 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:164	Resp:	8861
Ion	Ratio	Lower Upper
164	100	
166	126.8	101.8 152.6
129	99.7	83.3 124.9
131	95.3	78.0 117.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027311.D
Acq: 04 Mar 2022 19:01

Tgt Ion:152	Resp:	47478
Ion	Ratio	Lower Upper
152	100	
115	57.8	44.2 132.6
150	155.0	0.0 348.2

