

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024484.D
 Acq On : 24 Sep 2021 05:49
 Operator : JC/MD
 Sample : M3829-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20210918

Quant Time: Sep 24 07:44:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

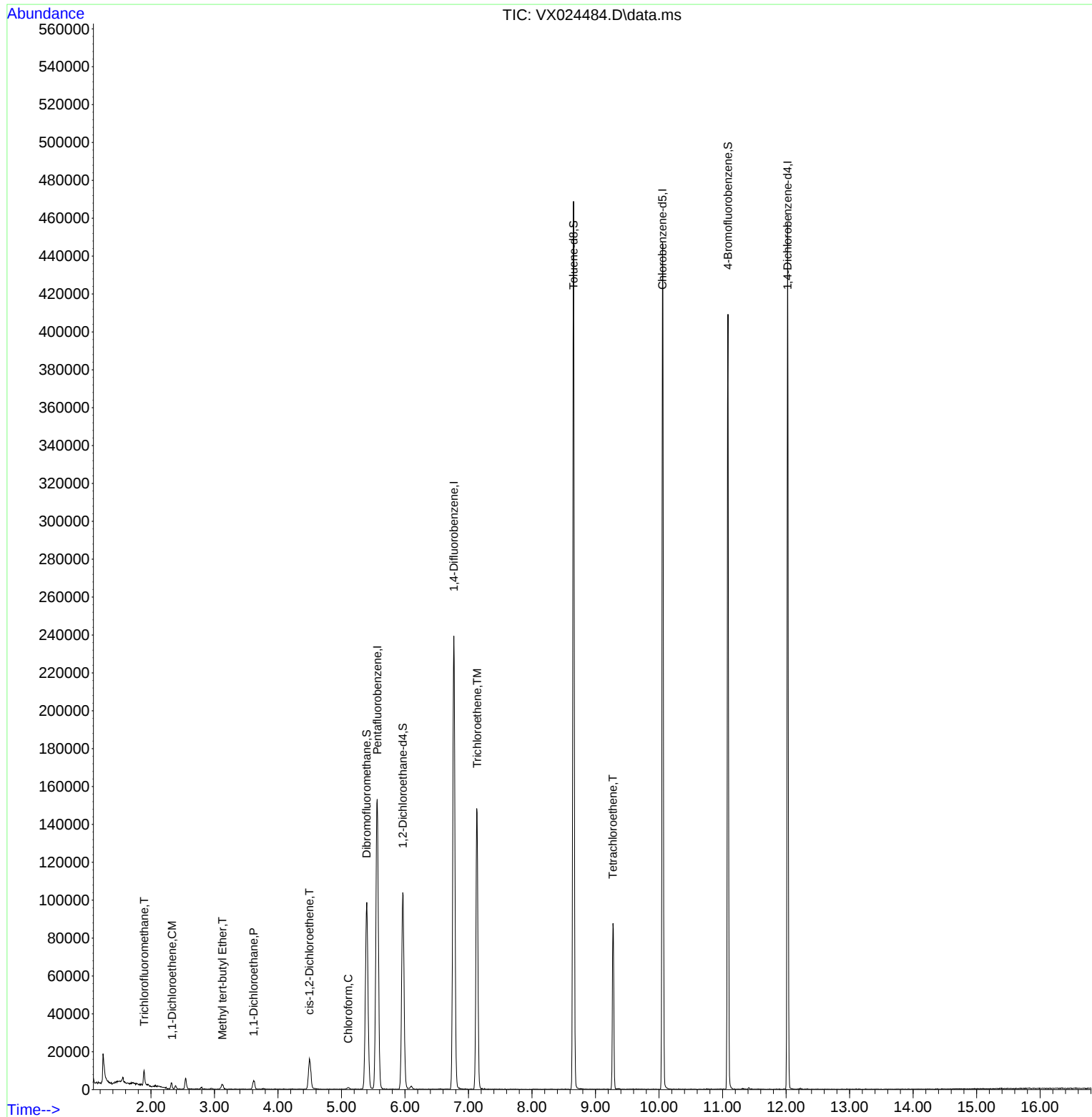
Internal Standards						
1) Pentafluorobenzene	5.562	168	142302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104810	52.259	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.397	113	83712	52.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	8.653	98	261800	44.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.760%#			
62) 4-Bromofluorobenzene	11.085	95	106203	46.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.600%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.892	101	4735	1.900	ug/l	89
12) 1,1-Dichloroethene	2.331	96	1224	0.938	ug/l #	66
19) Methyl tert-butyl Ether	3.123	73	2721	0.553	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	5293	1.956	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	9924	5.732	ug/l	93
30) Chloroform	5.105	83	1171	0.392	ug/l	91
44) Trichloroethene	7.135	130	56183	31.223	ug/l	99
64) Tetrachloroethene	9.275	164	17147	12.269	ug/l	96

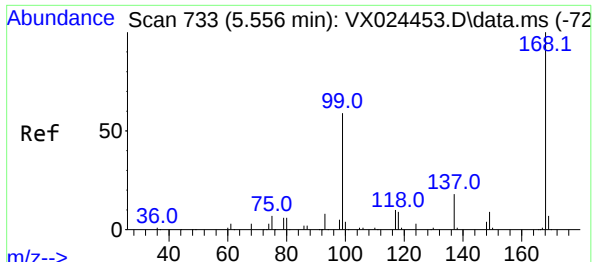
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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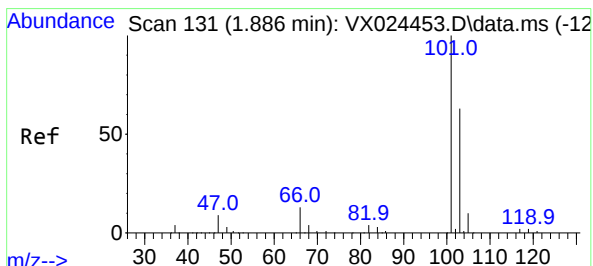
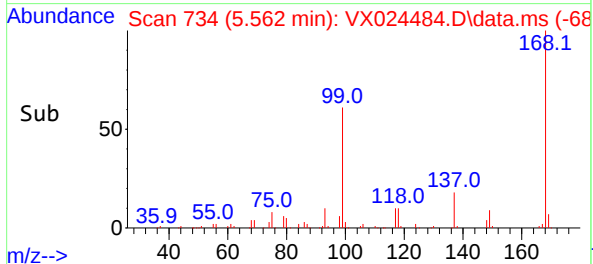
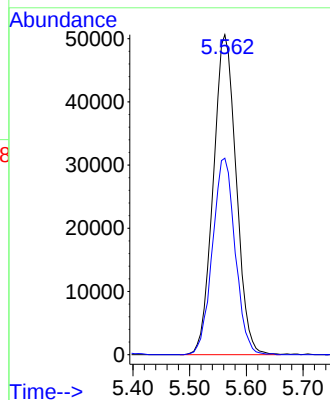
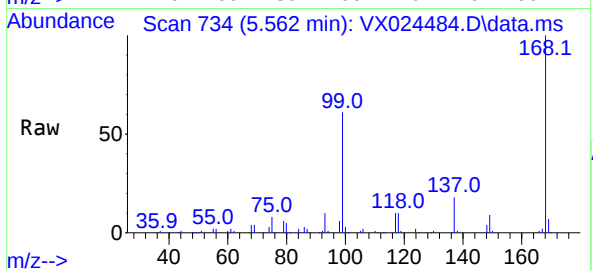




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

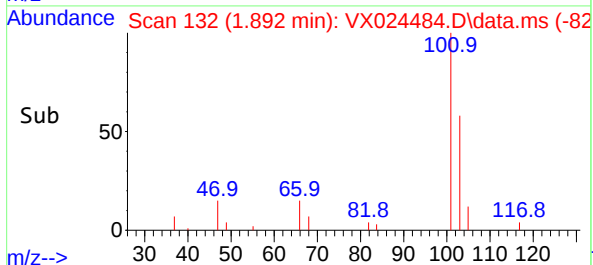
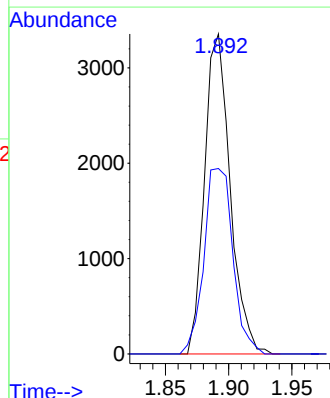
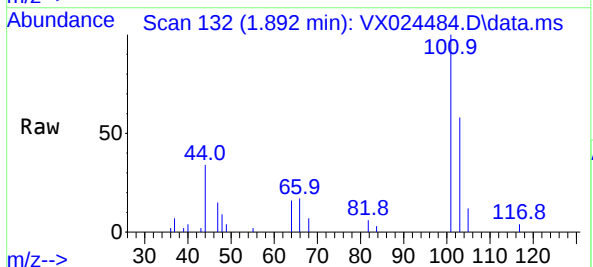
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210918

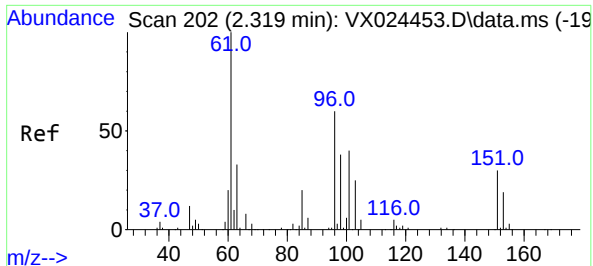
Tgt Ion:168 Resp: 142302
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#7
Trichlorofluoromethane
Concen: 1.900 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion:101 Resp: 4735
Ion Ratio Lower Upper
101 100
103 58.0 53.2 79.8

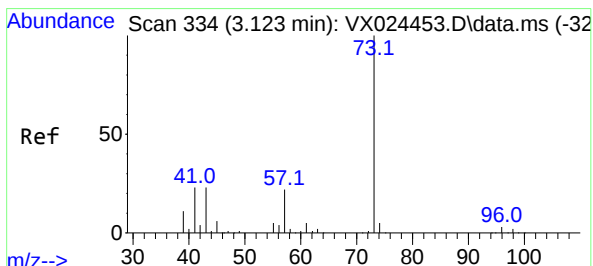
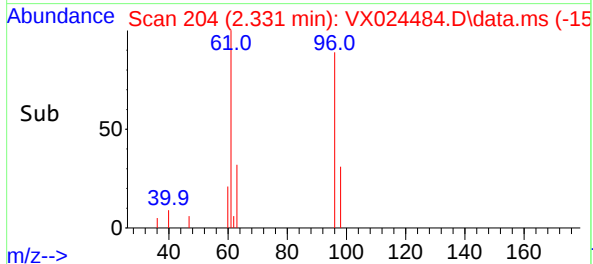
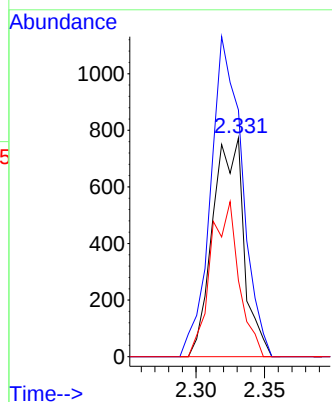
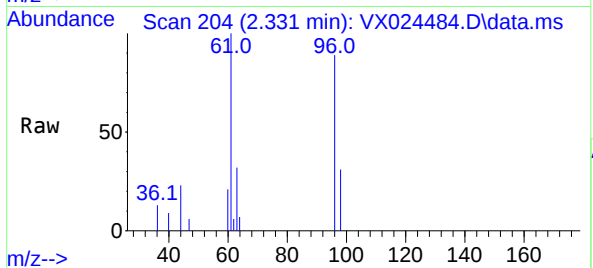




#12
1,1-Dichloroethene
Concen: 0.938 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

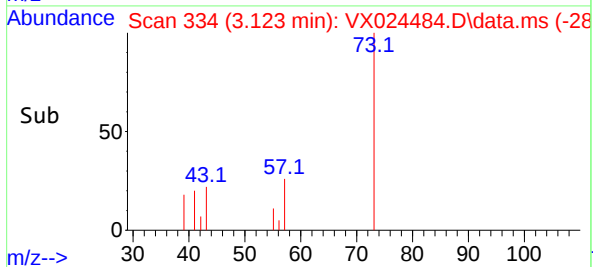
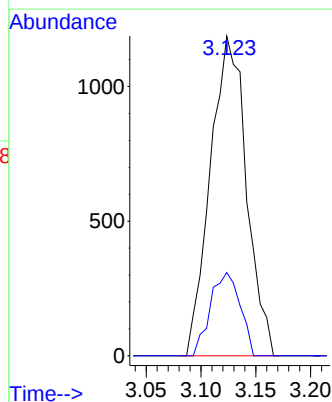
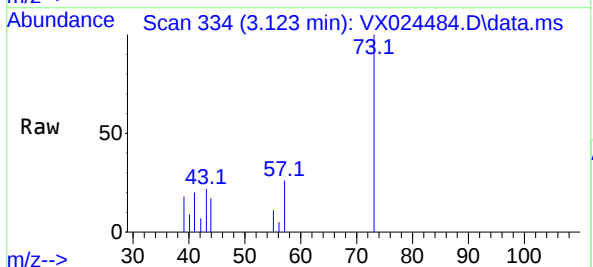
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210918

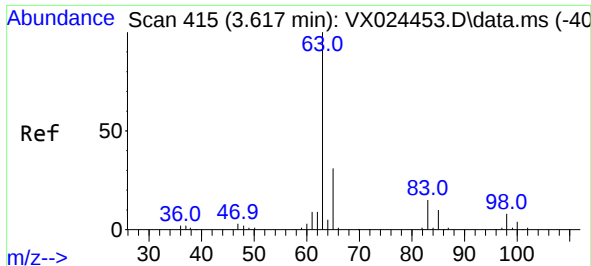
Tgt Ion: 96 Resp: 1224
Ion Ratio Lower Upper
96 100
61 112.8 124.6 187.0#
98 34.8 50.6 76.0#



#19
Methyl tert-butyl Ether
Concen: 0.553 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion: 73 Resp: 2721
Ion Ratio Lower Upper
73 100
57 26.0 17.1 25.7#

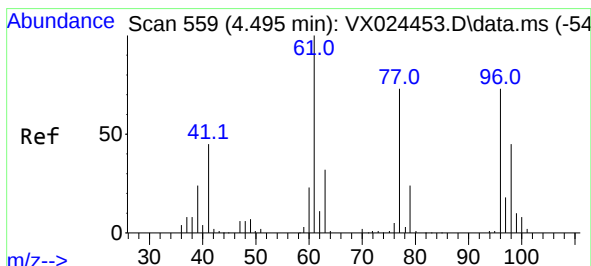
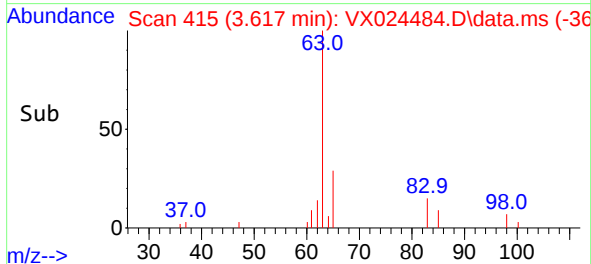
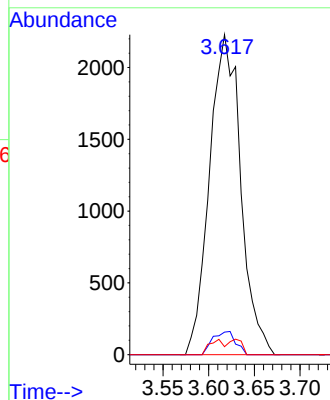
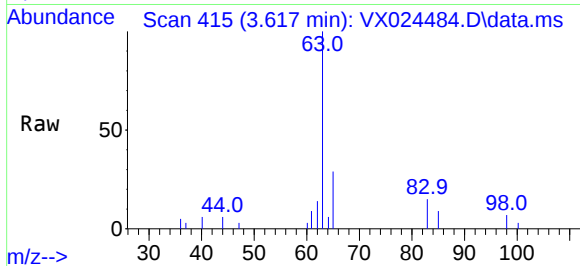




#24
1,1-Dichloroethane
Concen: 1.956 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

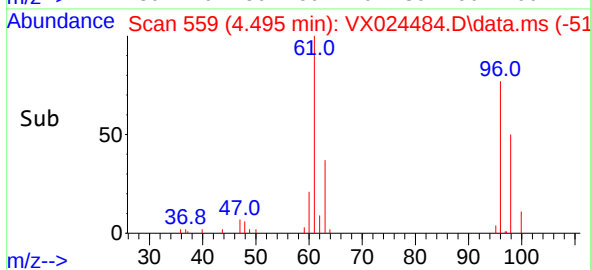
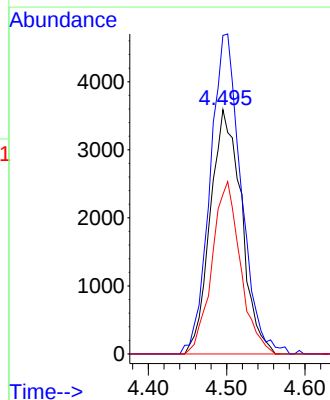
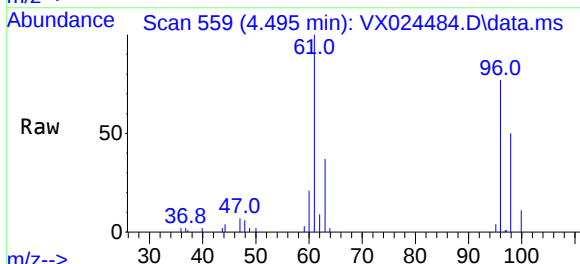
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210918

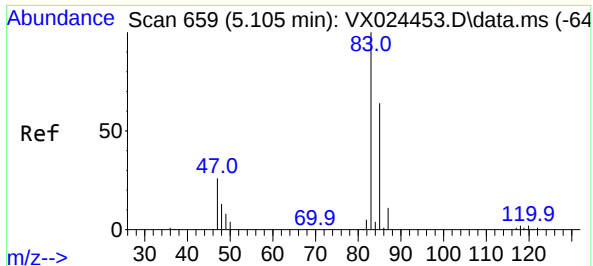
Tgt Ion:	63	Resp:	5293
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	2.5	2.5	7.5



#27
cis-1,2-Dichloroethene
Concen: 5.732 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion:	96	Resp:	9924
Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	285.6
98	64.4	0.0	129.6





#30

Chloroform

Concen: 0.392 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024484.D

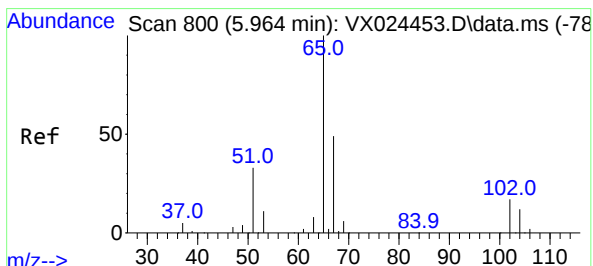
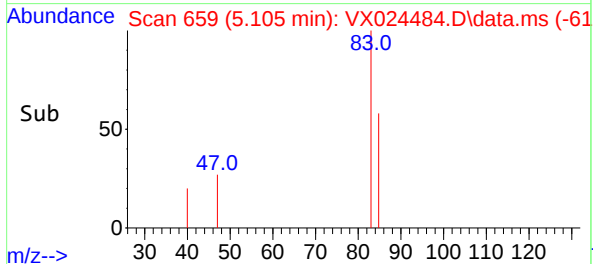
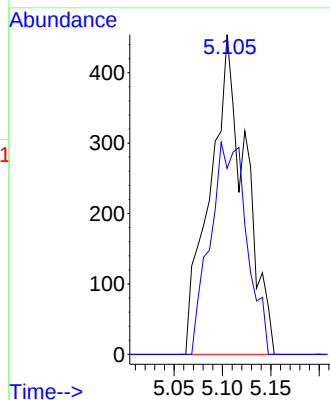
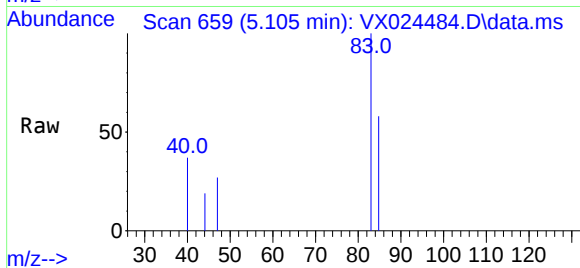
Acq: 24 Sep 2021 05:49

Tgt Ion: 83 Resp: 1171

Ion Ratio Lower Upper

83 100

85 58.1 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 52.259 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024484.D

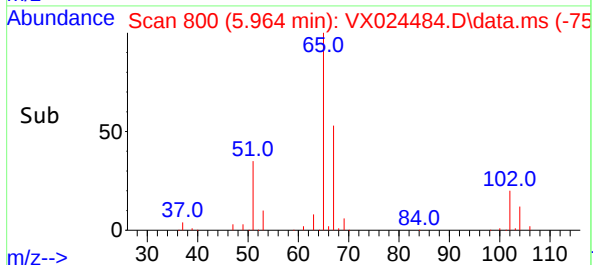
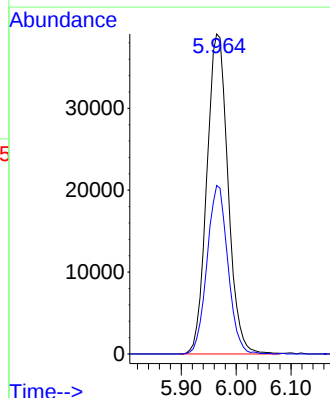
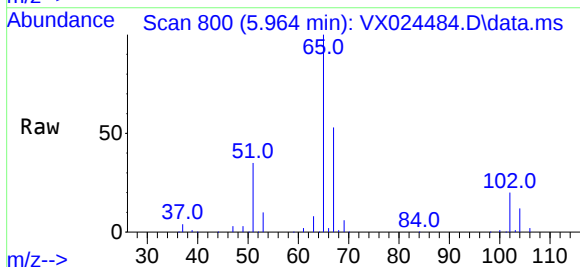
Acq: 24 Sep 2021 05:49

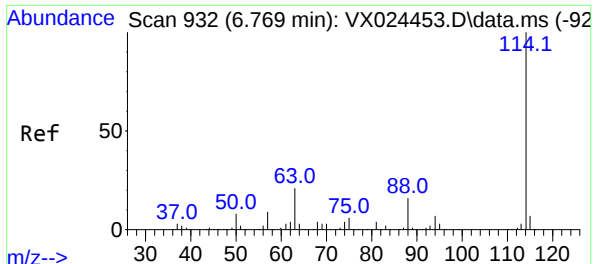
Tgt Ion: 65 Resp: 104810

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.4



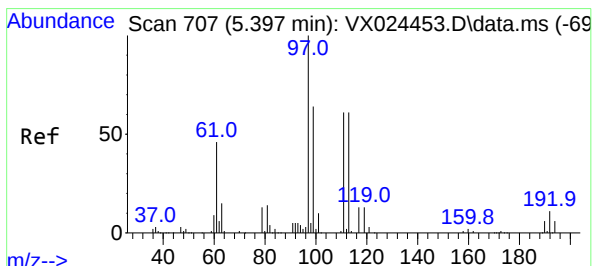
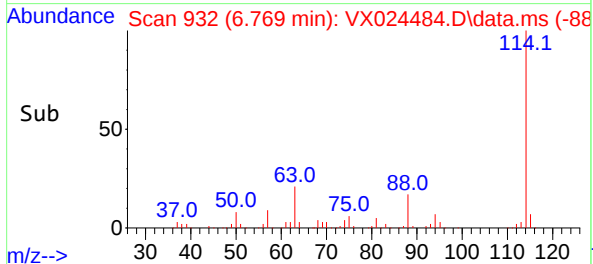
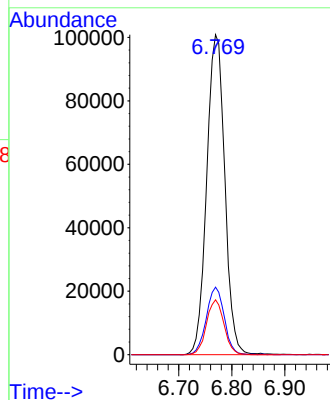
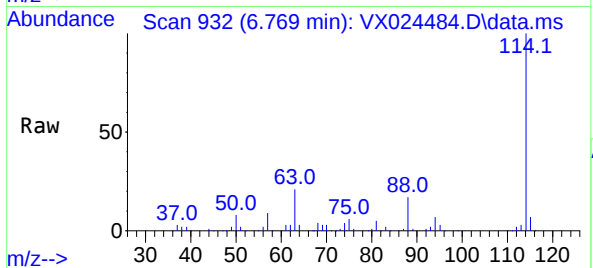


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Instrument :
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ClientSampleId :
MW202D-20210918

Tgt Ion:114 Resp: 238575

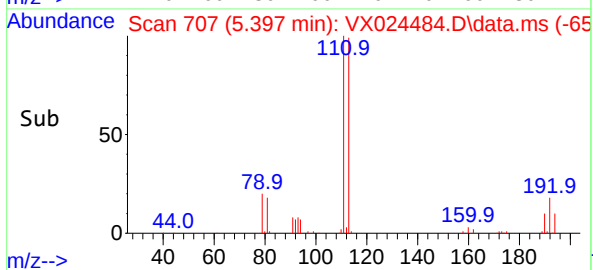
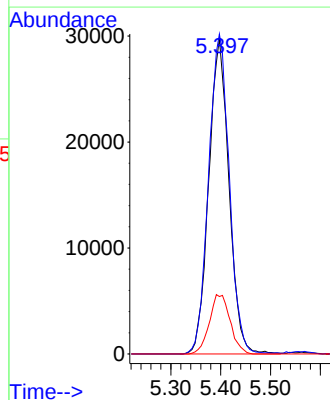
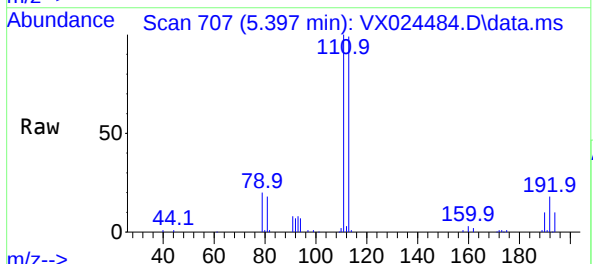
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	17.1	0.0	32.8

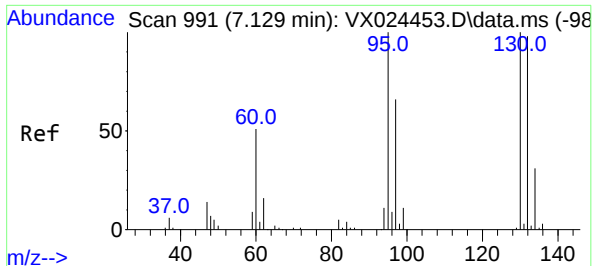


#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion:113 Resp: 83712

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	19.4	16.7	25.1

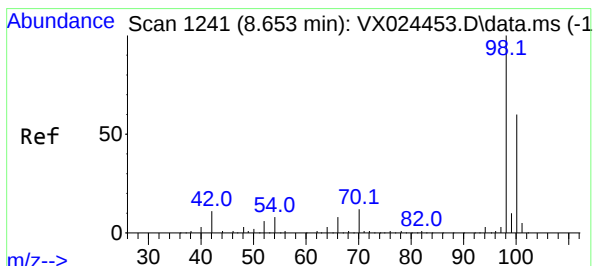
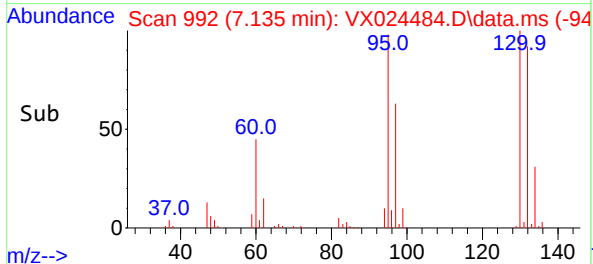
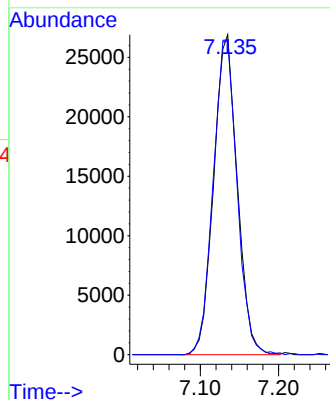
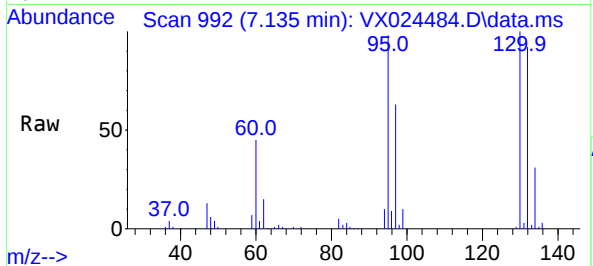




#44
Trichloroethene
Concen: 31.223 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

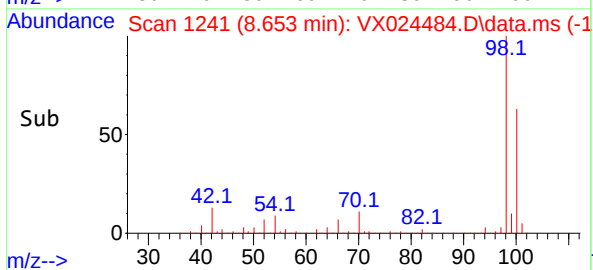
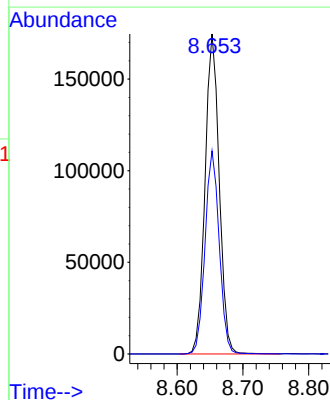
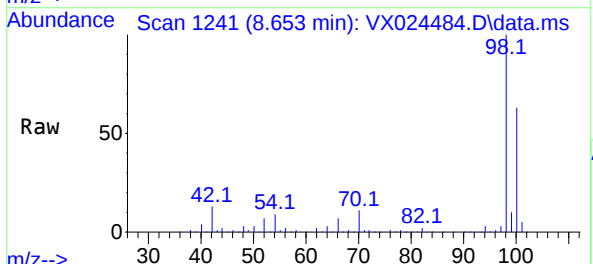
Instrument :
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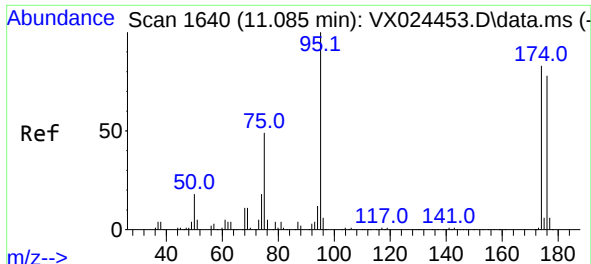
Tgt Ion:130 Resp: 56183
Ion Ratio Lower Upper
130 100
95 98.4 0.0 198.0



#50
Toluene-d8
Concen: 44.880 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion: 98 Resp: 261800
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

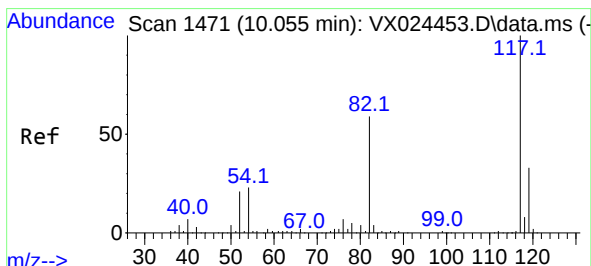
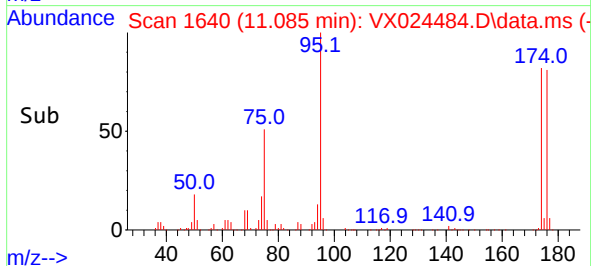
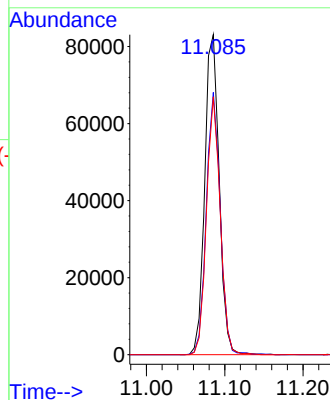
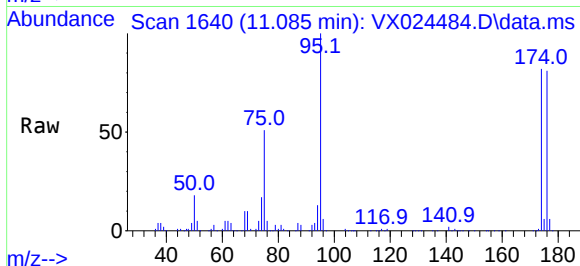




#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

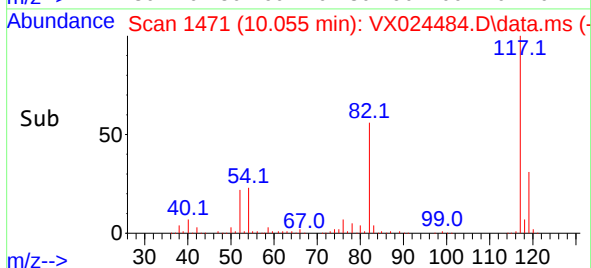
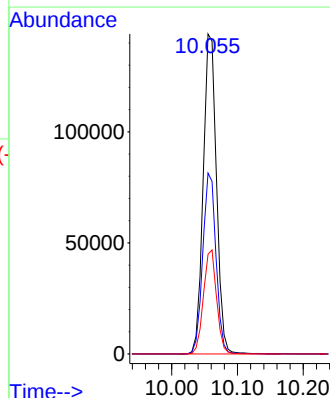
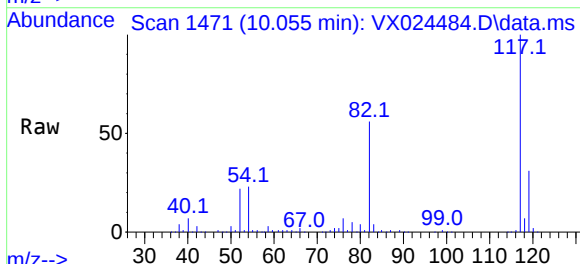
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210918

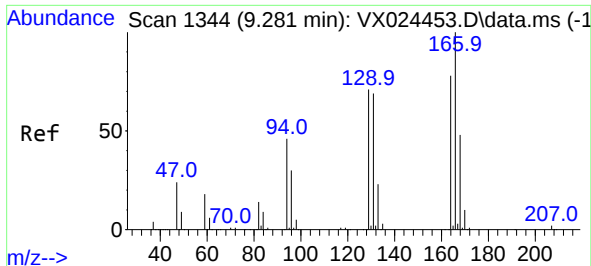
Tgt Ion: 95 Resp: 106203
Ion Ratio Lower Upper
95 100
174 79.0 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion: 117 Resp: 201931
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.2 26.6 39.8

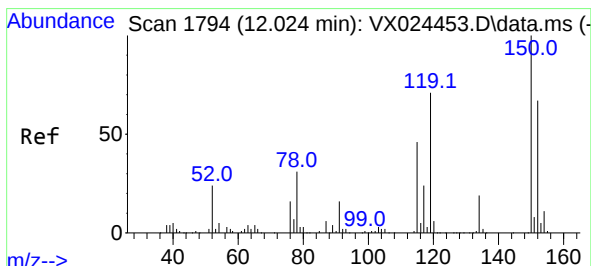
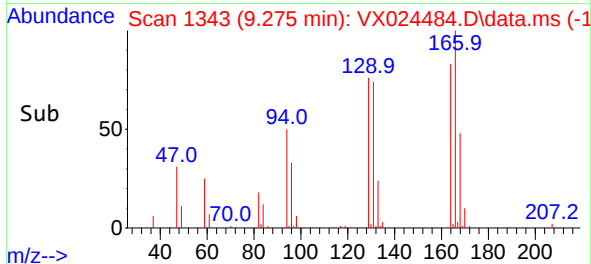
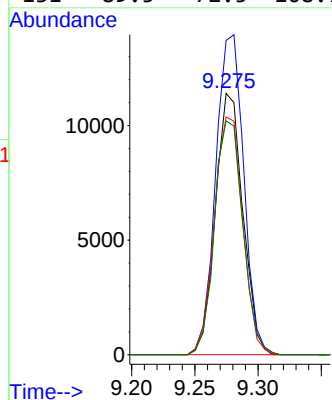
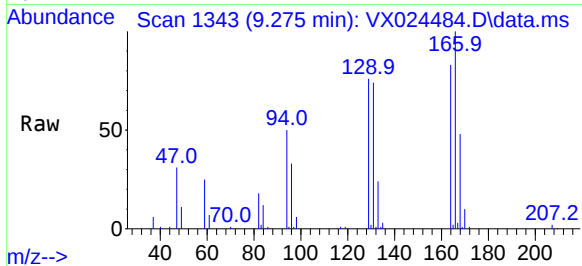




#64
Tetrachloroethene
Concen: 12.269 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210918

Tgt Ion:164 Resp: 17147
Ion Ratio Lower Upper
164 100
166 120.2 103.4 155.2
129 91.0 70.8 106.2
131 89.5 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024484.D
Acq: 24 Sep 2021 05:49

Tgt Ion:152 Resp: 88049
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.7 0.0 349.0

