

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022881.D
 Acq On : 24 Jun 2021 20:30
 Operator : JC/MD
 Sample : M2803-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20210618

Quant Time: Jun 25 05:40:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

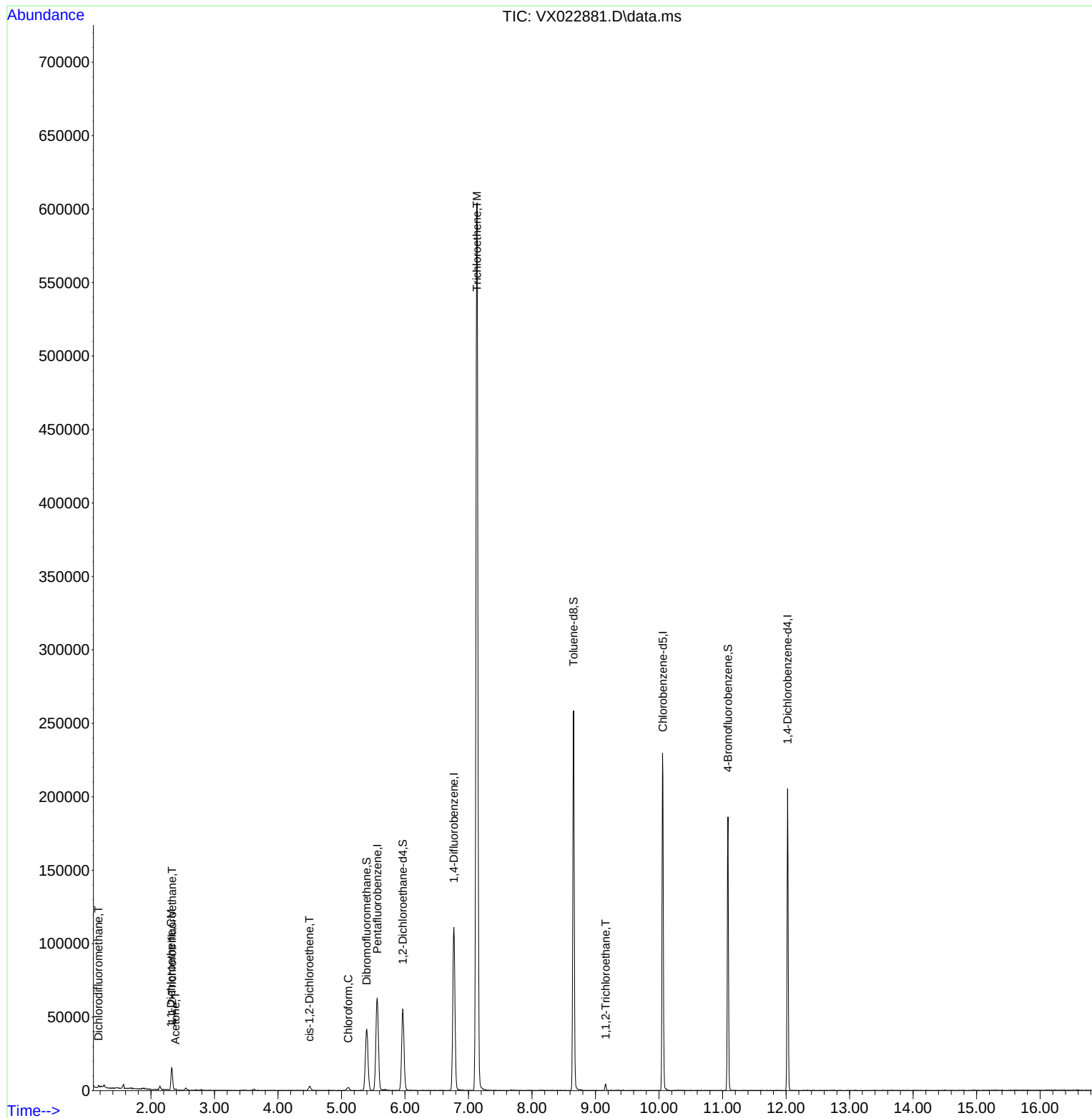
Internal Standards						
1) Pentafluorobenzene	5.562	168	52649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	107731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	96119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50261	52.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.200%
35) Dibromofluoromethane	5.397	113	35213	51.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	8.653	98	144222	53.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.085	95	49046	49.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	498	0.670	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	3884	5.673	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	2064	3.022	ug/l	89
16) Acetone	2.386	43	1160	2.739	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	1725	2.051	ug/l	91
30) Chloroform	5.105	83	2614	1.802	ug/l	100
44) Trichloroethene	7.135	130	207882	265.667	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	1139	1.423	ug/l #	82

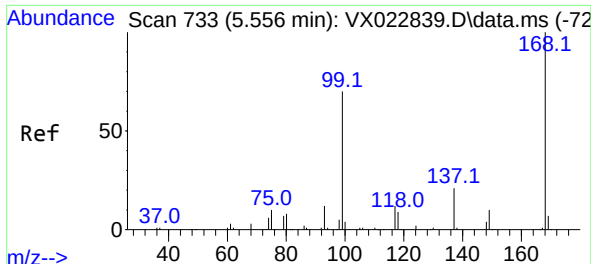
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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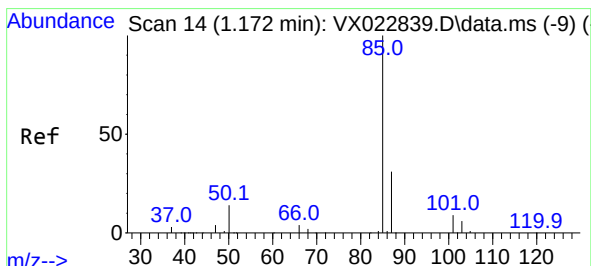
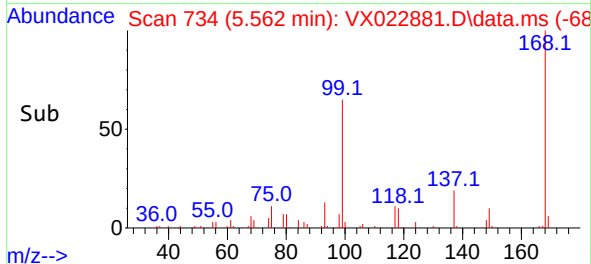
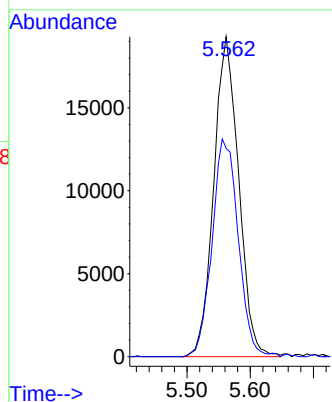
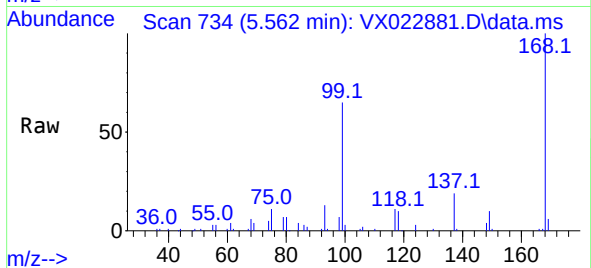




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

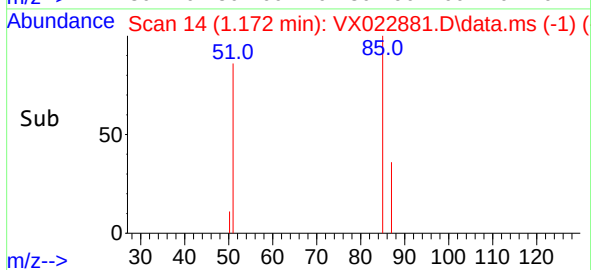
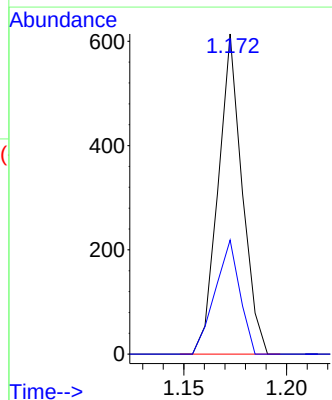
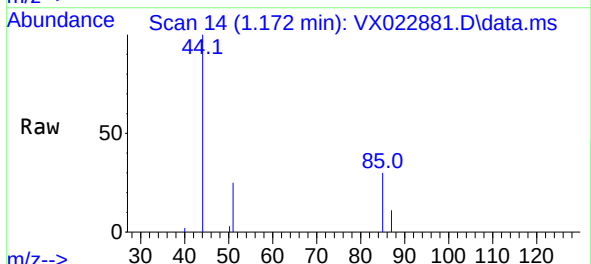
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210618

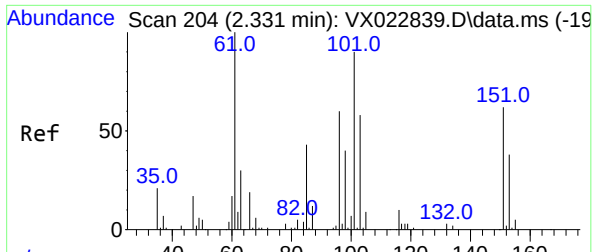
Tgt Ion:168 Resp: 52649
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.670 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion: 85 Resp: 498
Ion Ratio Lower Upper
85 100
87 35.7 16.4 49.2

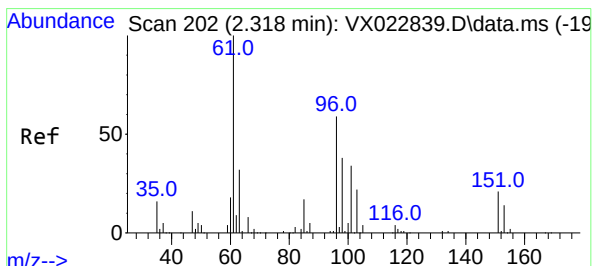
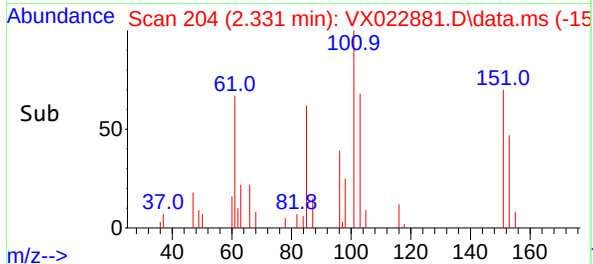
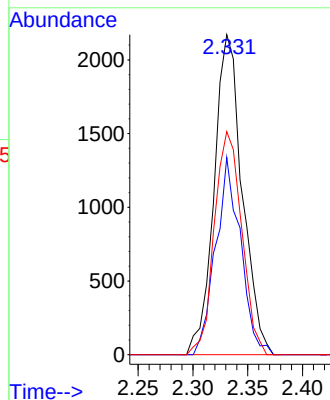
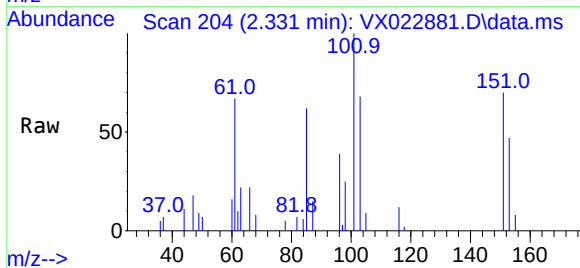




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.673 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

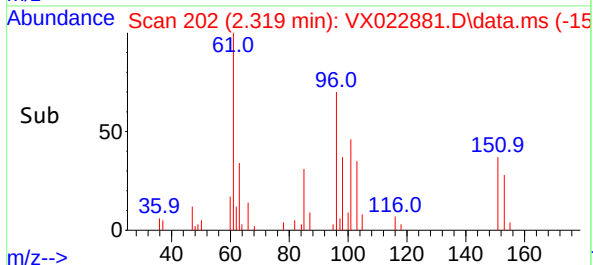
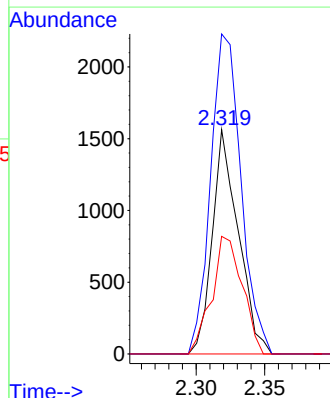
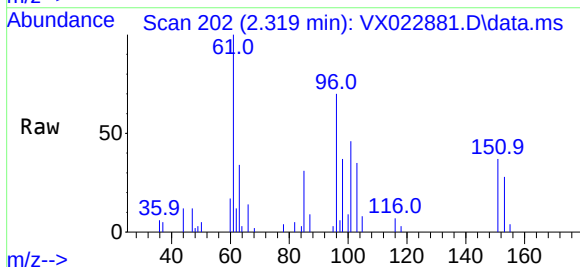
Instrument :
MSVOA_X
ClientSampleId :
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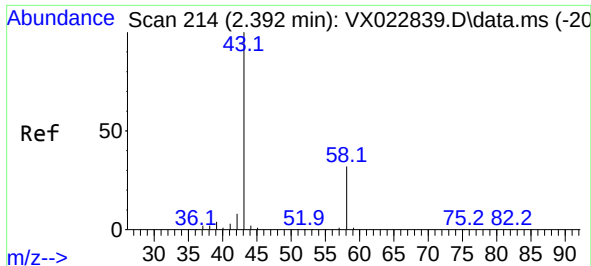
Tgt Ion:101 Resp: 3884
Ion Ratio Lower Upper
101 100
85 54.4 34.9 52.3#
151 67.6 61.4 92.2



#12
1,1-Dichloroethene
Concen: 3.022 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion: 96 Resp: 2064
Ion Ratio Lower Upper
96 100
61 142.7 124.6 187.0
98 52.5 50.6 76.0

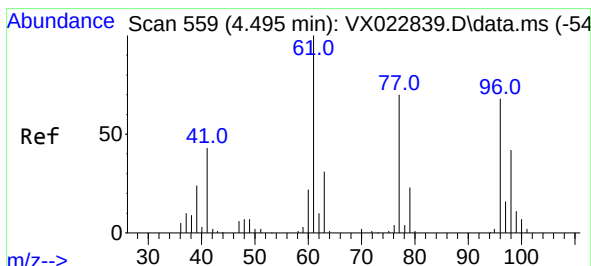
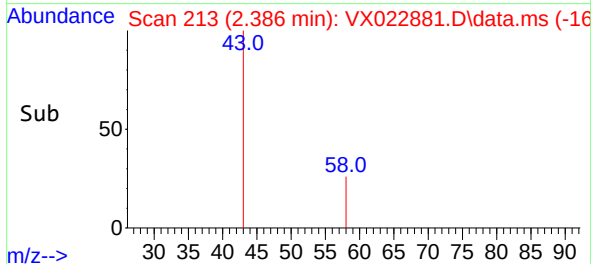
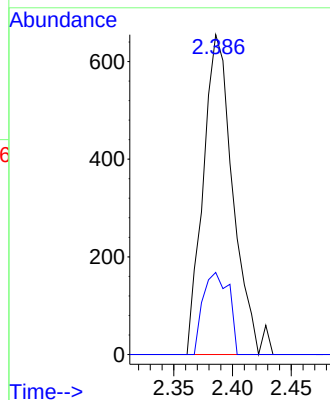
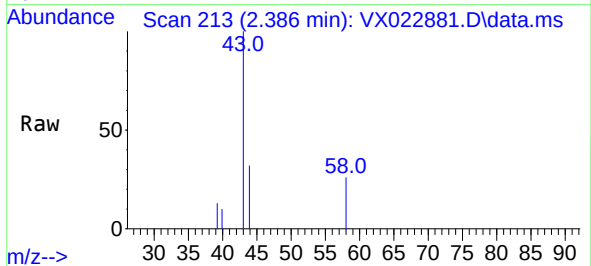




#16
Acetone
Concen: 2.739 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

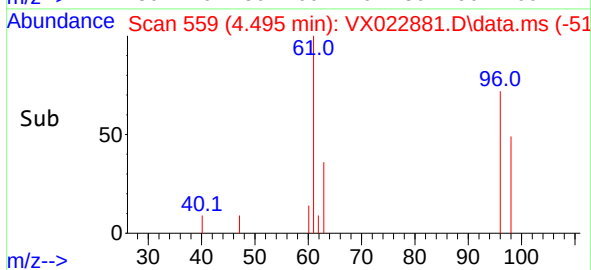
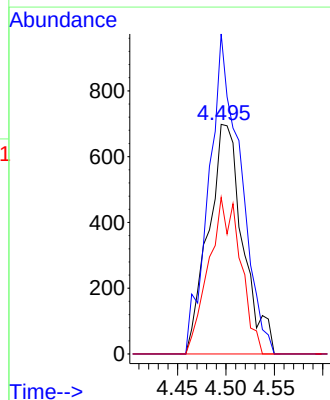
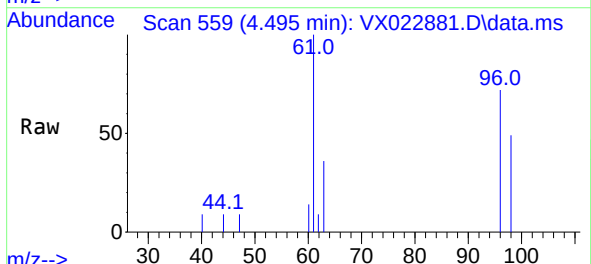
Instrument :
MSVOA_X
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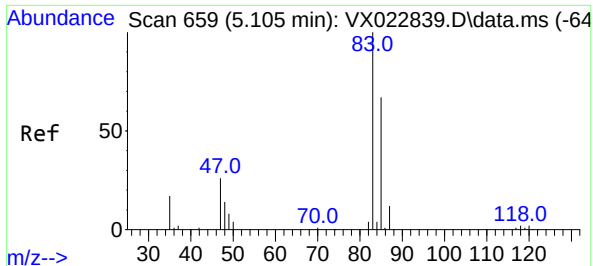
Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#



#27
cis-1,2-Dichloroethene
Concen: 2.051 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion: 96 Resp: 1725
Ion Ratio Lower Upper
96 100
61 128.5 0.0 285.6
98 63.2 0.0 129.6





#30

Chloroform

Concen: 1.802 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022881.D

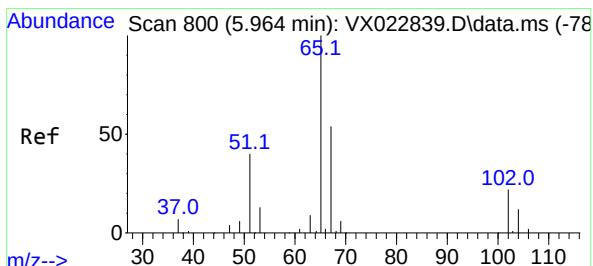
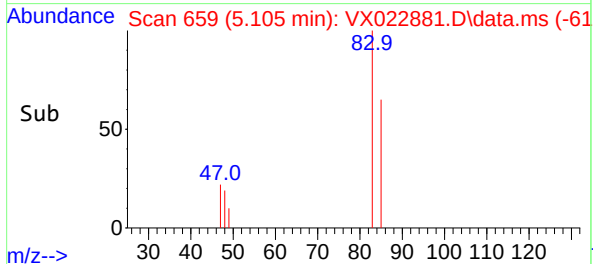
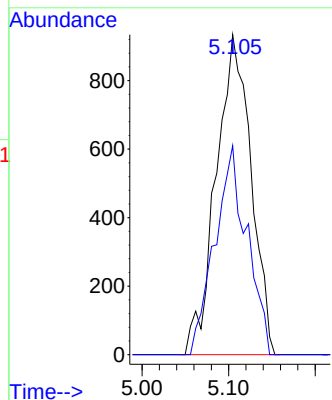
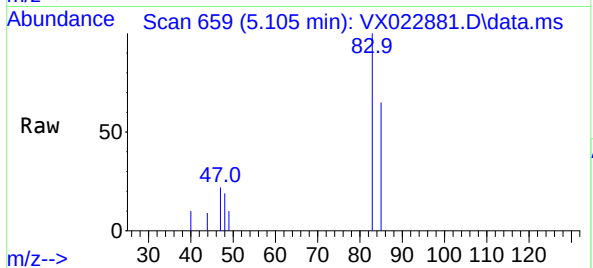
Acq: 24 Jun 2021 20:30

Tgt Ion: 83 Resp: 2614

Ion Ratio Lower Upper

83 100

85 65.3 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022881.D

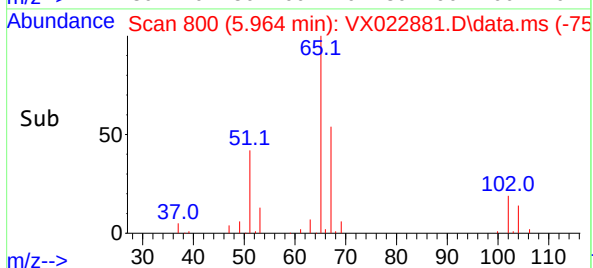
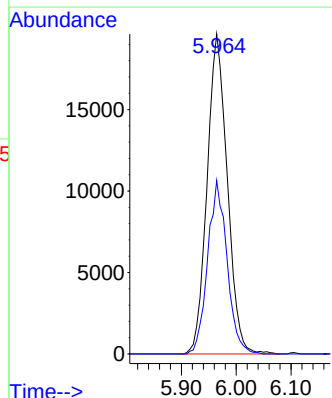
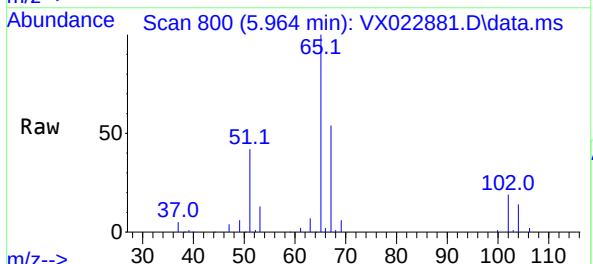
Acq: 24 Jun 2021 20:30

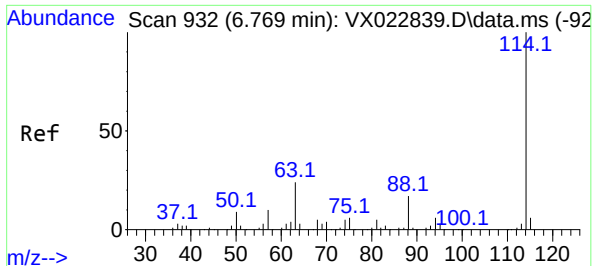
Tgt Ion: 65 Resp: 50261

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.4

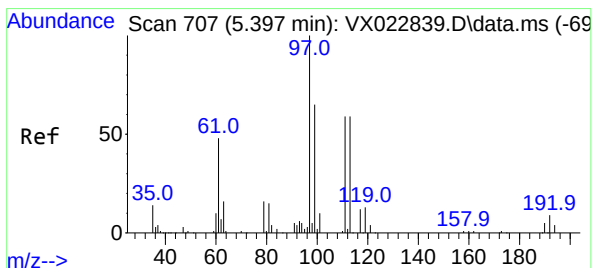
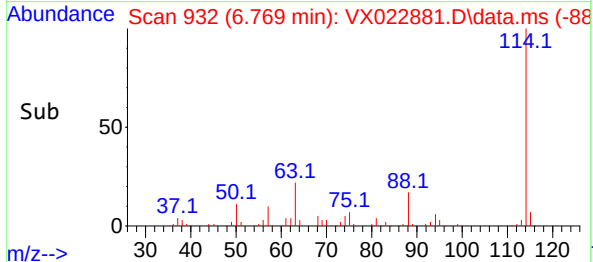
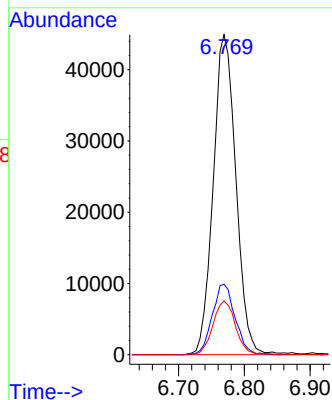
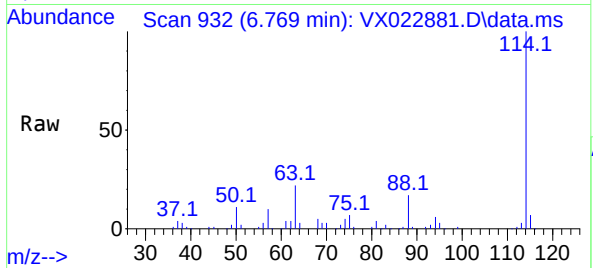




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

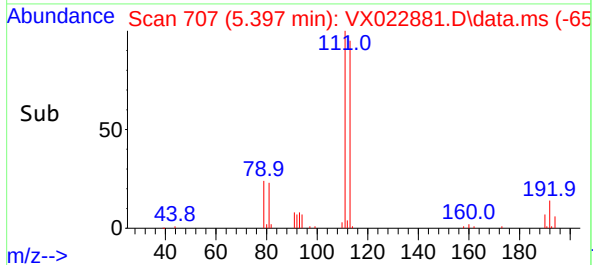
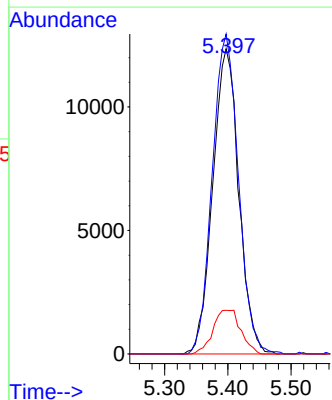
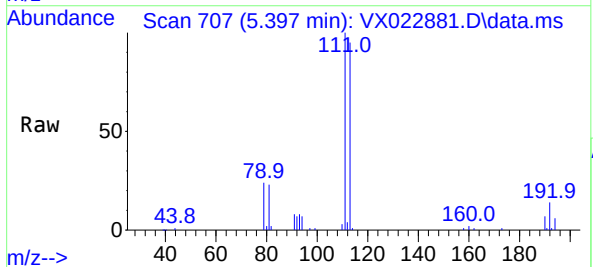
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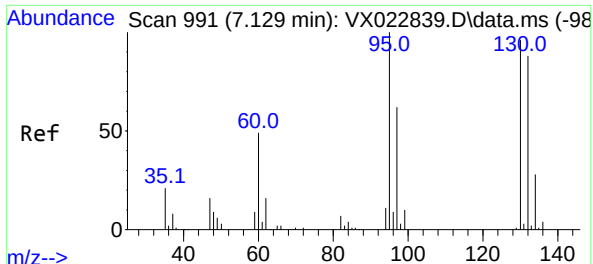
Tgt Ion:114 Resp: 107731
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion:113 Resp: 35213
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 15.3 16.7 25.1#

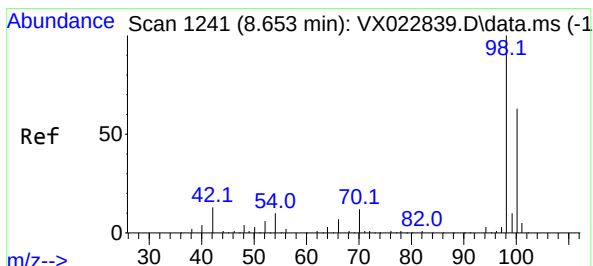
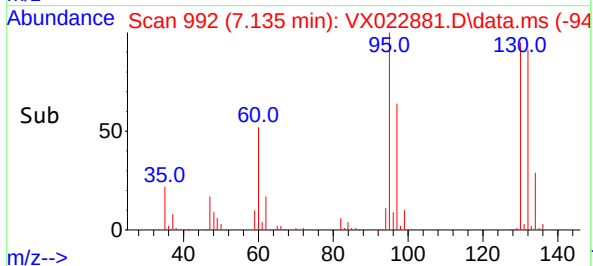
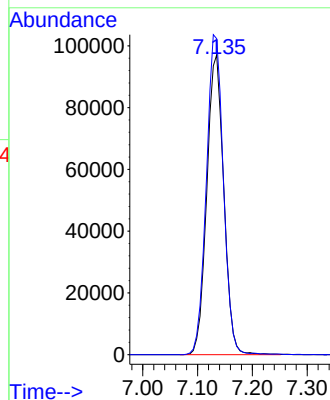
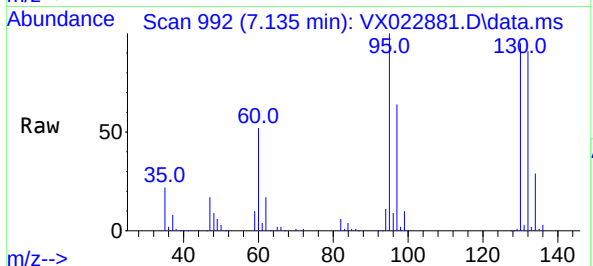




#44
Trichloroethene
Concen: 265.667 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

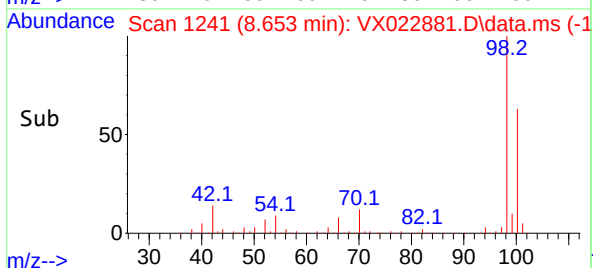
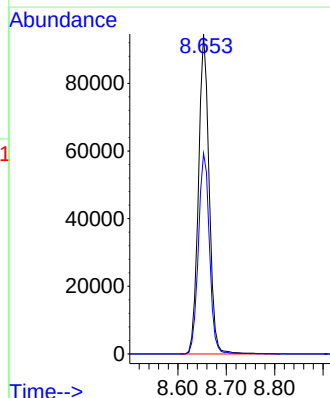
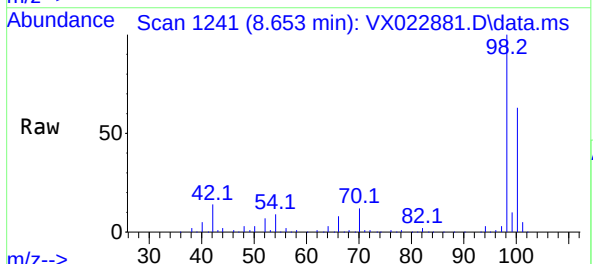
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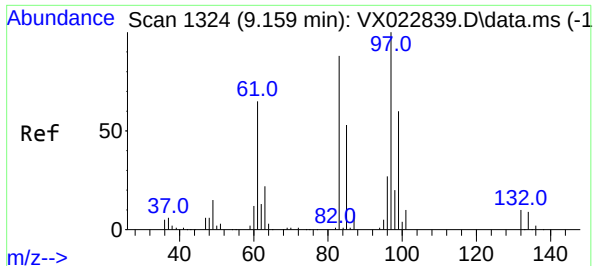
Tgt Ion:130 Resp: 207882
Ion Ratio Lower Upper
130 100
95 105.4 0.0 198.0



#50
Toluene-d8
Concen: 53.790 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion: 98 Resp: 144222
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



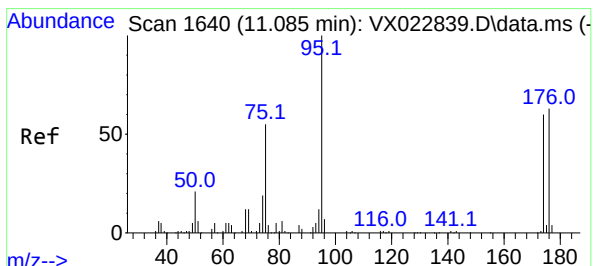
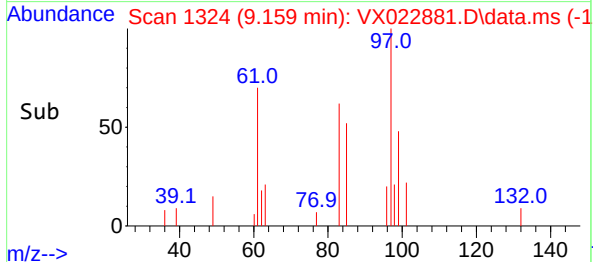
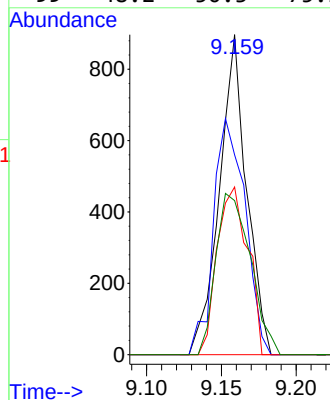
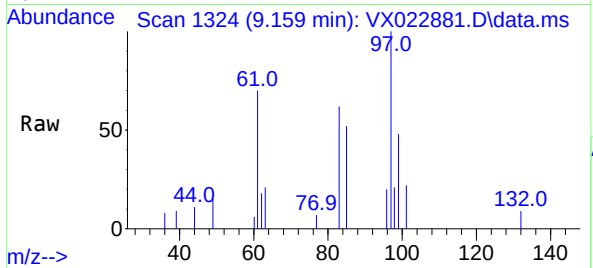


#55
1,1,2-Trichloroethane
Concen: 1.423 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Instrument :
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Tgt Ion: 97 Resp: 1139

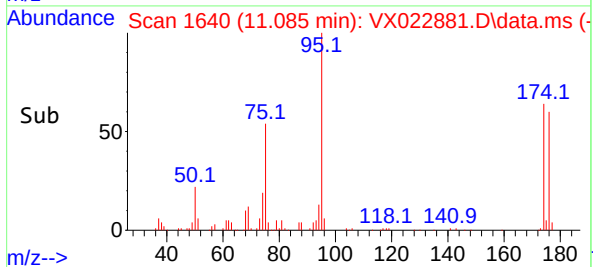
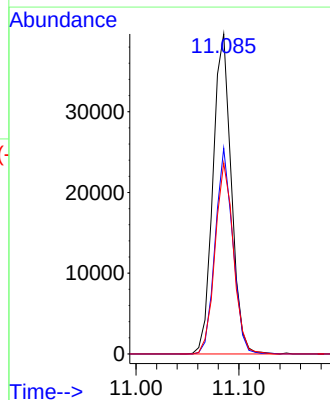
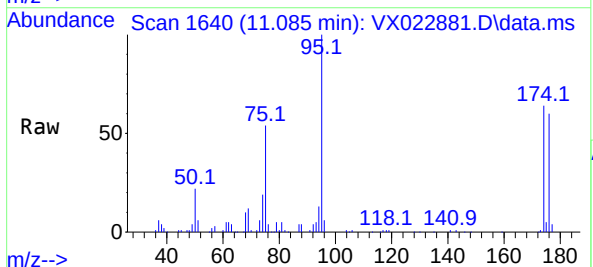
Ion	Ratio	Lower	Upper
97	100		
83	62.4	69.3	103.9#
85	52.4	44.3	66.5
99	48.2	50.3	75.5#

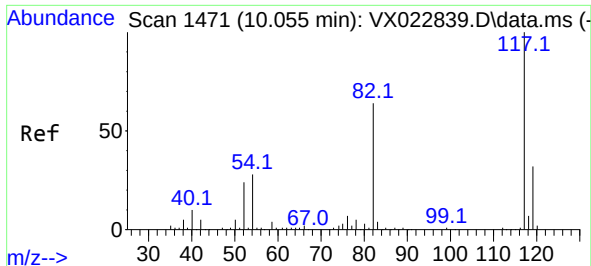


#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion: 95 Resp: 49046

Ion	Ratio	Lower	Upper
95	100		
174	61.5	0.0	154.6
176	59.7	0.0	155.8

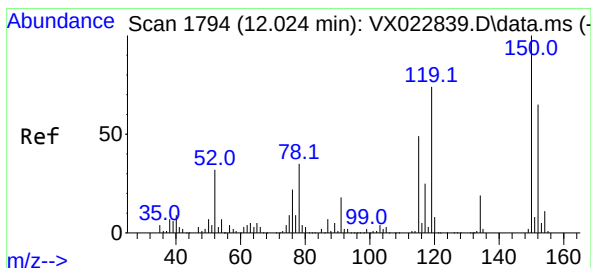
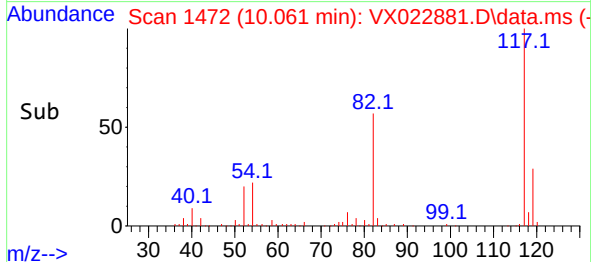
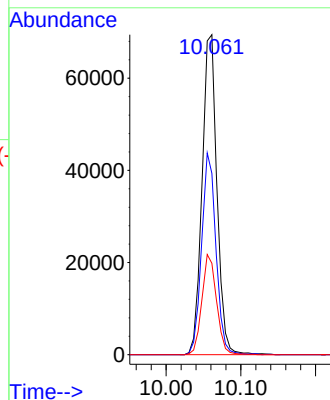
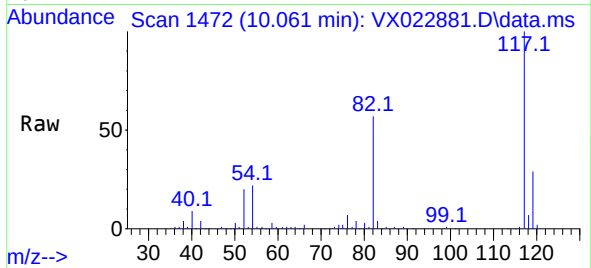




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210618

Tgt Ion:117 Resp: 96119
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 28.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022881.D
Acq: 24 Jun 2021 20:30

Tgt Ion:152 Resp: 35942
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 161.0 0.0 349.0

