

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021601.D
 Acq On : 30 Mar 2021 01:27
 Operator : JC/MD
 Sample : M1843-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210324

Quant Time: Mar 30 05:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

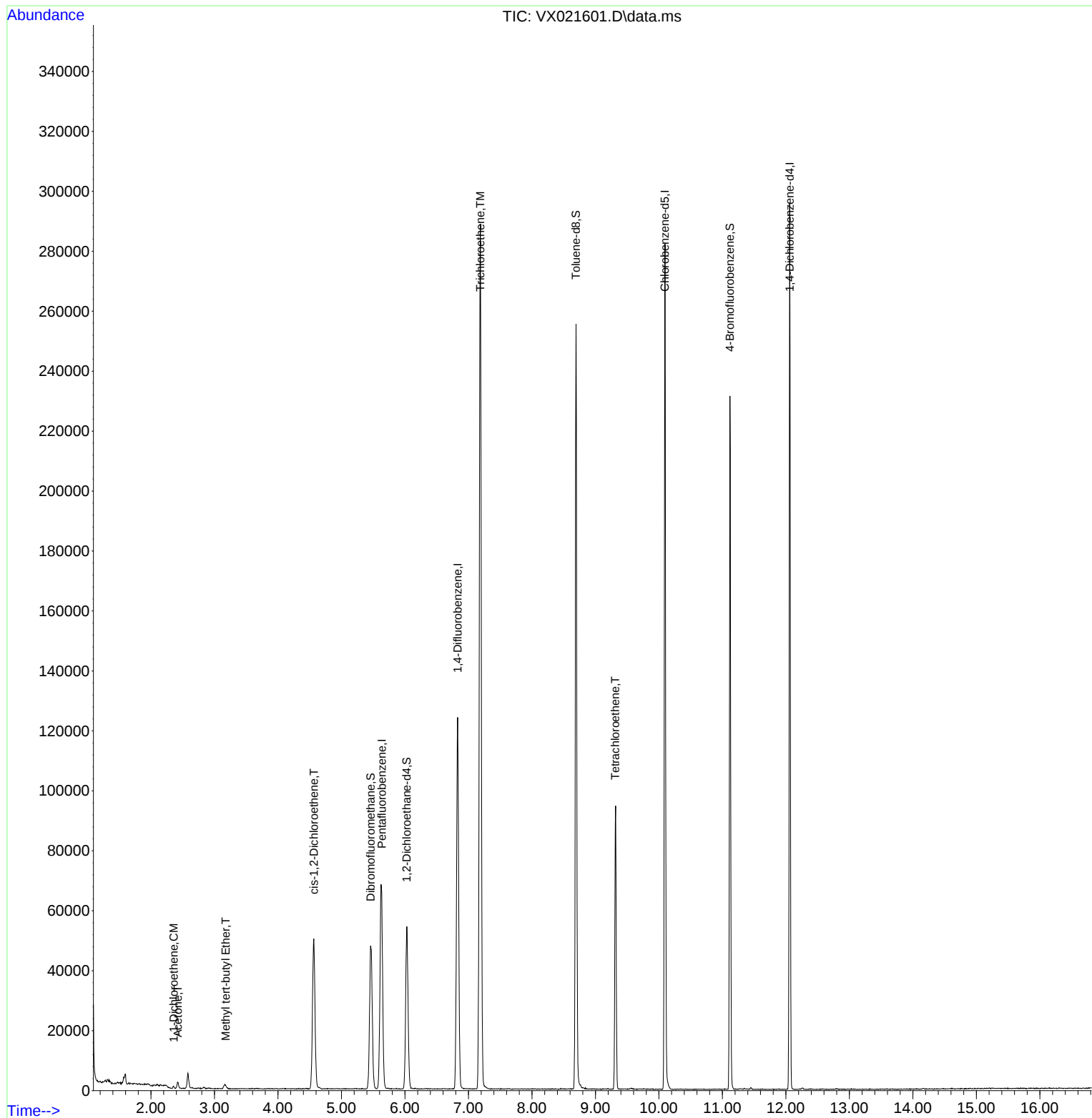
Internal Standards						
1) Pentafluorobenzene	5.635	168	59592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	114855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	120523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53131	53.58	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.16%		
35) Dibromofluoromethane	5.458	113	40580	49.74	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.48%		
50) Toluene-d8	8.694	98	145329	49.99	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.98%		
62) 4-Bromofluorobenzene	11.118	95	58729	51.96	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.92%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.358	96	205	0.34	ug/l #	64
16) Acetone	2.423	43	2197	5.86	ug/l #	81
19) Methyl tert-butyl Ether	3.176	73	1355	0.60	ug/l	92
27) cis-1,2-Dichloroethene	4.564	96	29789	38.89	ug/l	98
44) Trichloroethene	7.188	130	103712	122.98	ug/l	99
64) Tetrachloroethene	9.312	164	16578	20.53	ug/l	93

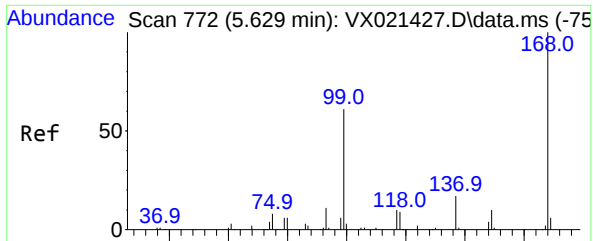
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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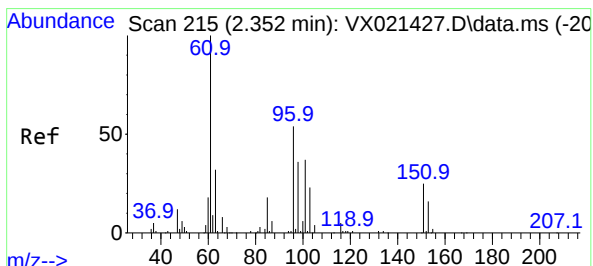
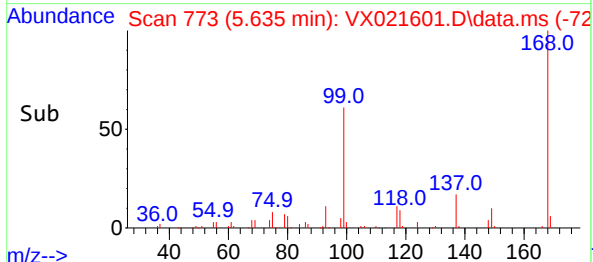
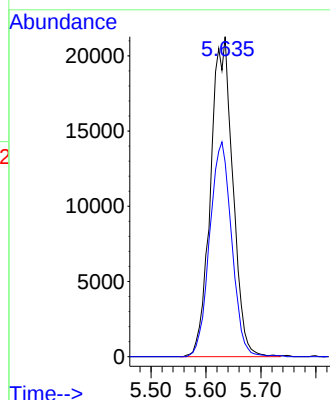
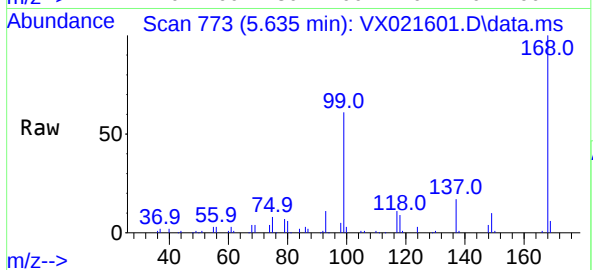




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

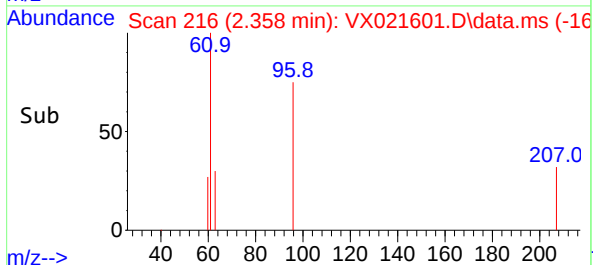
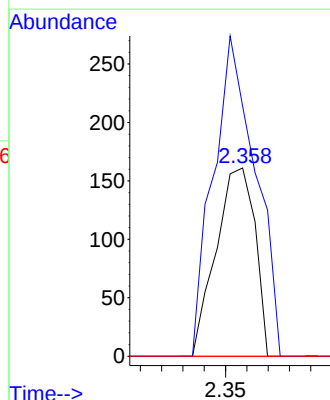
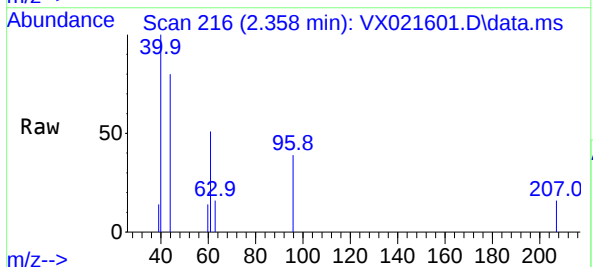
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

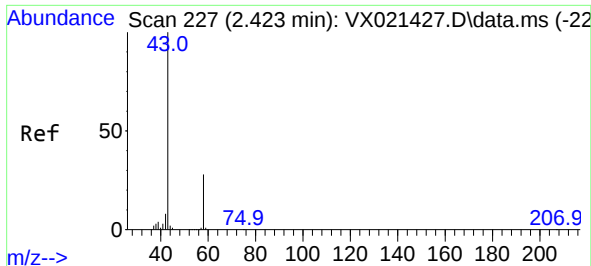
Tgt Ion:168 Resp: 59592
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 96 Resp: 205
Ion Ratio Lower Upper
96 100
61 132.9 124.6 187.0
98 0.0 50.6 76.0#

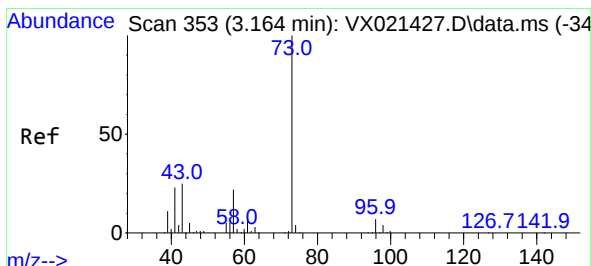
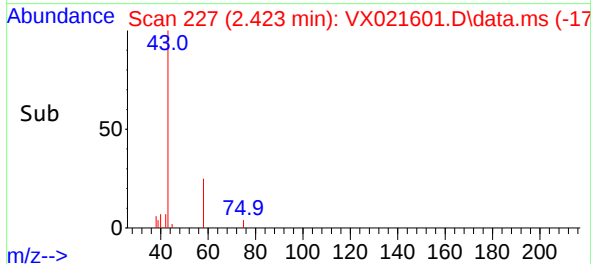
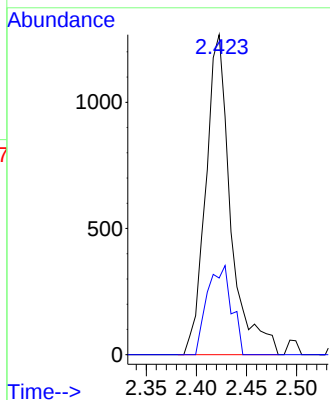
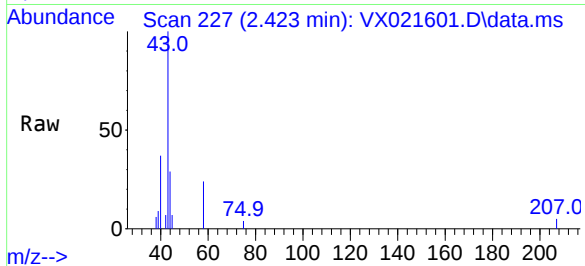




#16
Acetone
Concen: 5.86 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

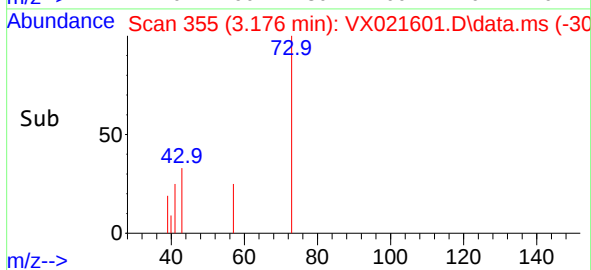
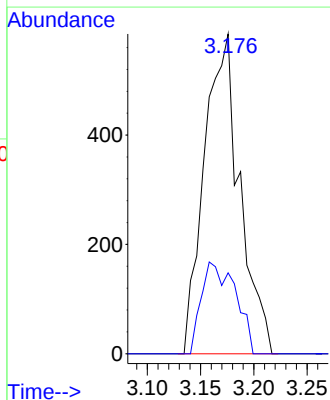
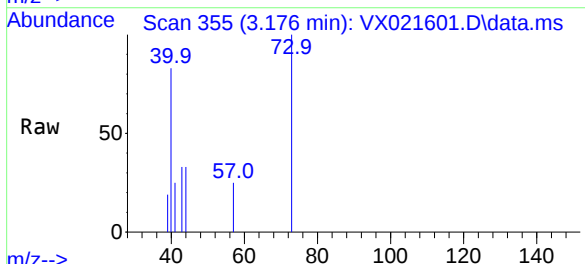
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

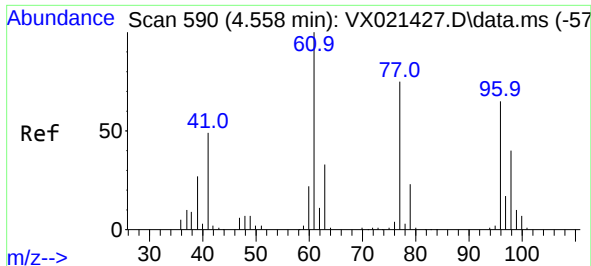
Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.60 ug/l
RT: 3.176 min Scan# 355
Delta R.T. 0.012 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 73 Resp: 1355
Ion Ratio Lower Upper
73 100
57 25.3 17.1 25.7





#27

cis-1,2-Dichloroethene

Concen: 38.89 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.006 min

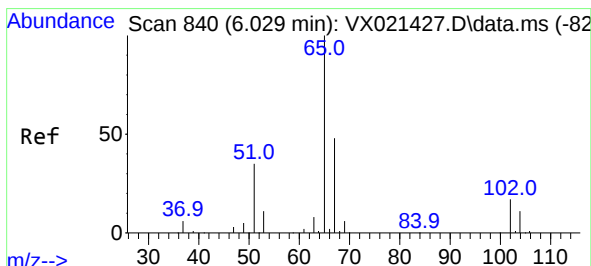
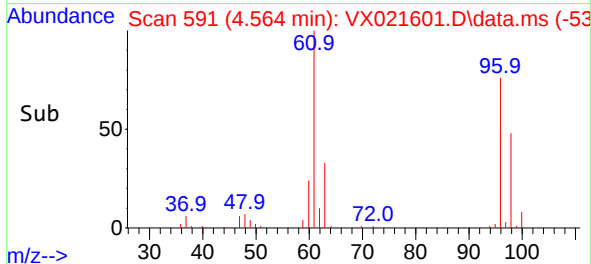
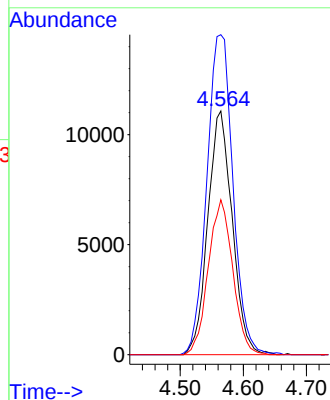
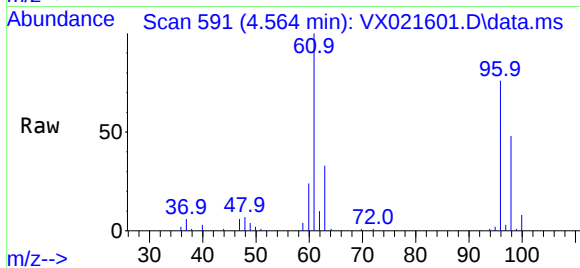
Lab File: VX021601.D

Acq: 30 Mar 2021 01:27

Tgt Ion: 96 Resp: 29789

Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	285.6
98	63.7	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324



#33

1,2-Dichloroethane-d4

Concen: 53.58 ug/l

RT: 6.029 min Scan# 840

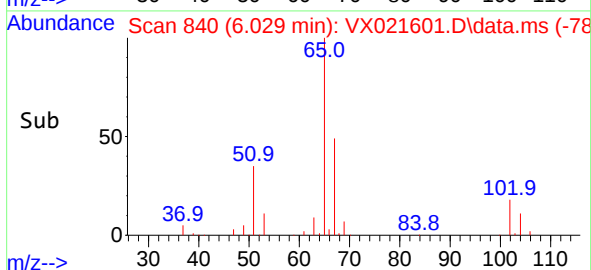
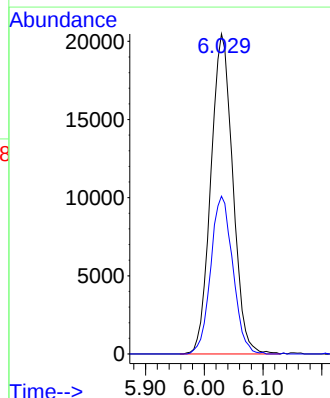
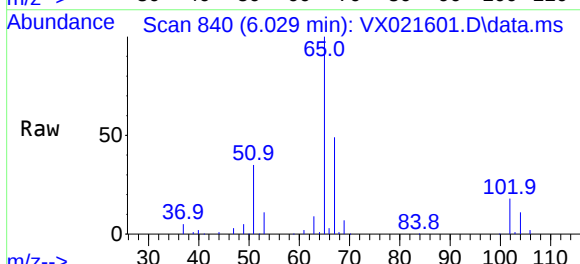
Delta R.T. 0.000 min

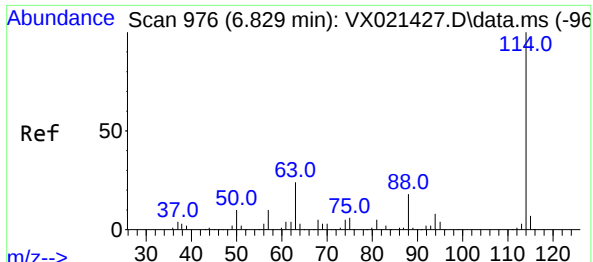
Lab File: VX021601.D

Acq: 30 Mar 2021 01:27

Tgt Ion: 65 Resp: 53131

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	105.4

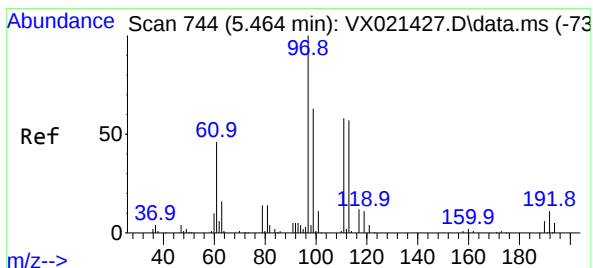
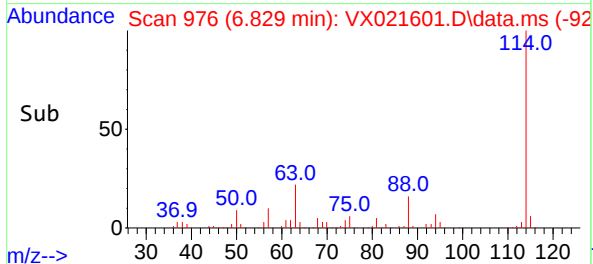
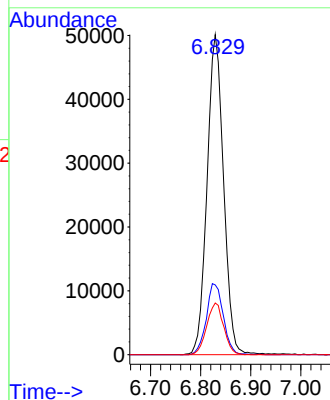
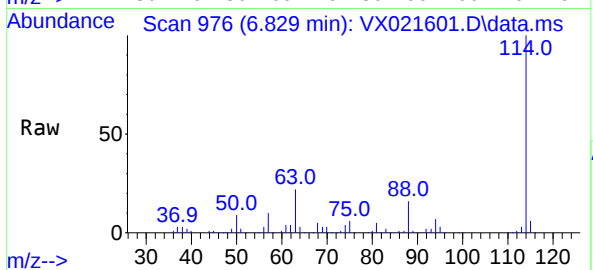




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

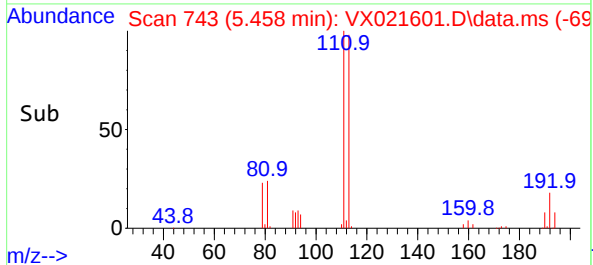
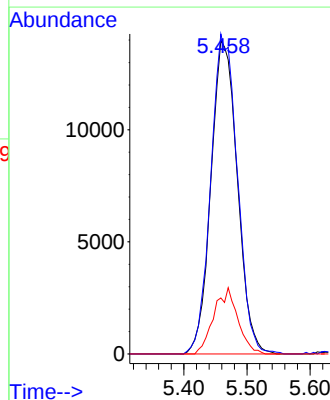
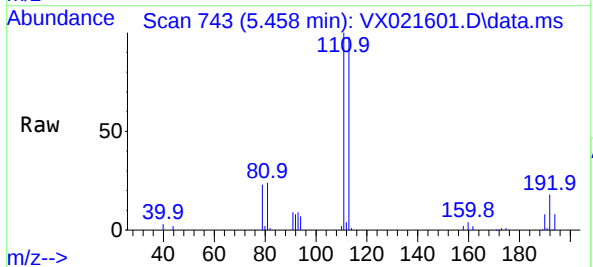
Instrument :
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ClientSampleId :
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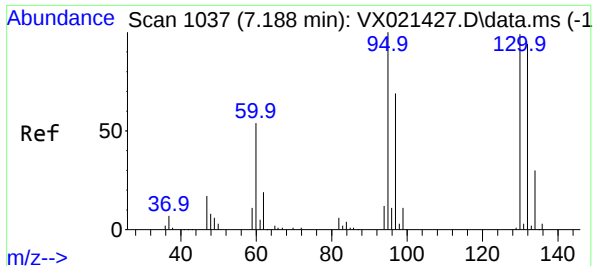
Tgt Ion:	114	Resp:	114855
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.74 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion:	113	Resp:	40580
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	19.2	16.7	25.1

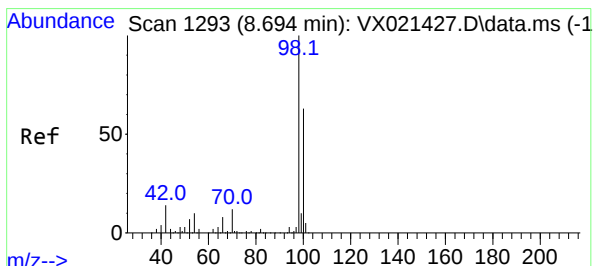
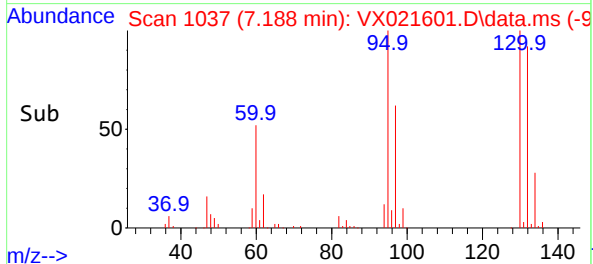
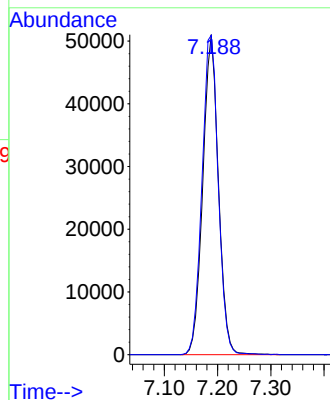
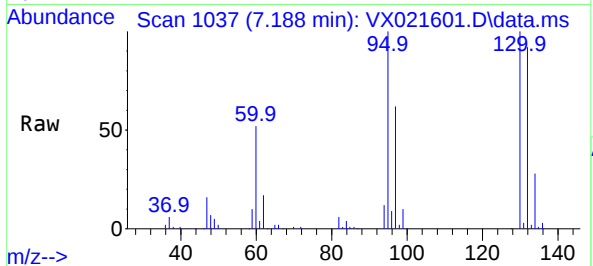




#44
Trichloroethene
Concen: 122.98 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

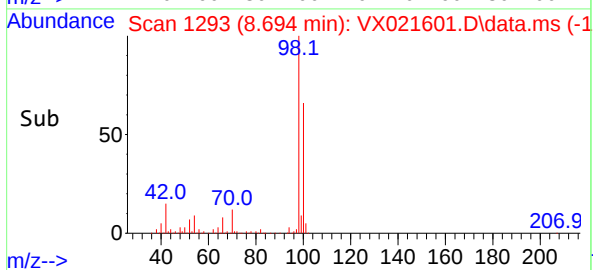
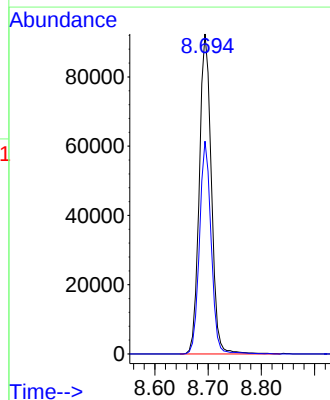
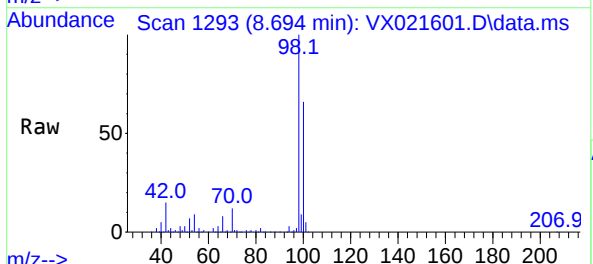
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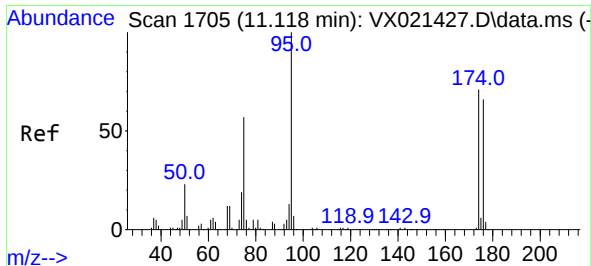
Tgt Ion:130 Resp: 103712
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.0



#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 98 Resp: 145329
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

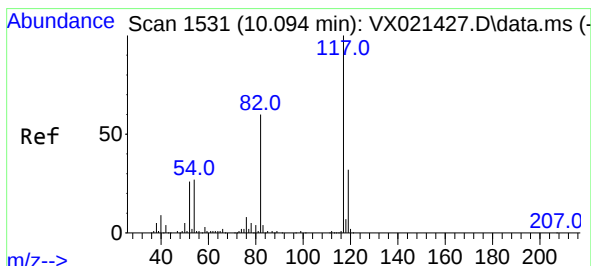
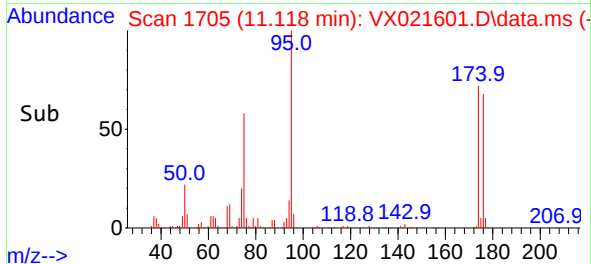
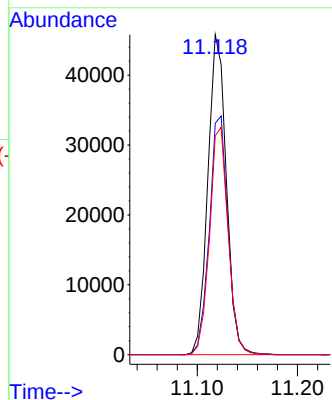
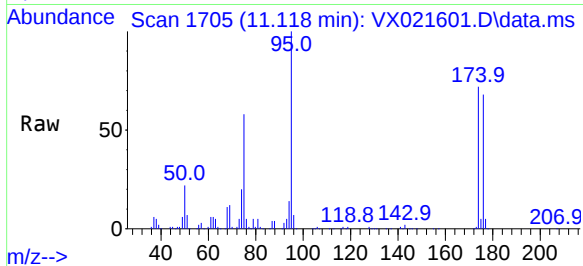




#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

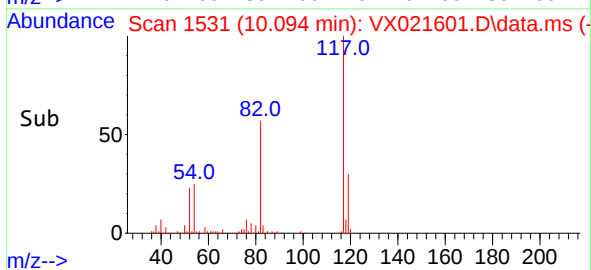
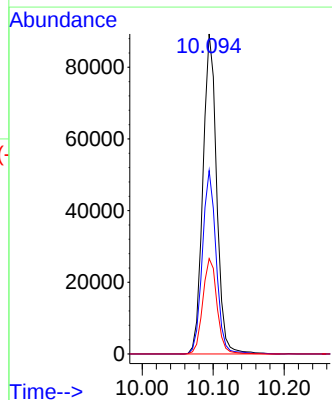
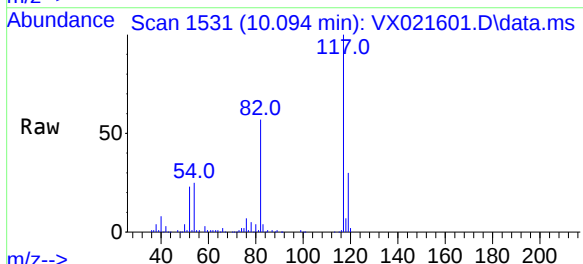
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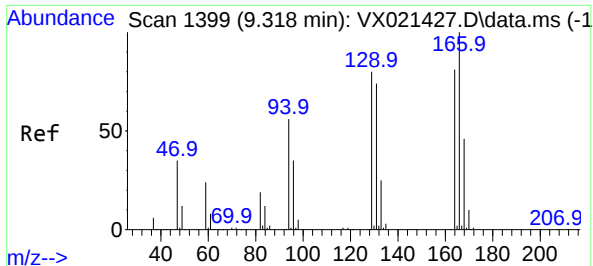
Tgt Ion:	95	Resp:	58729
Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	154.6
176	71.4	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion:	117	Resp:	120523
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	29.8	26.6	39.8

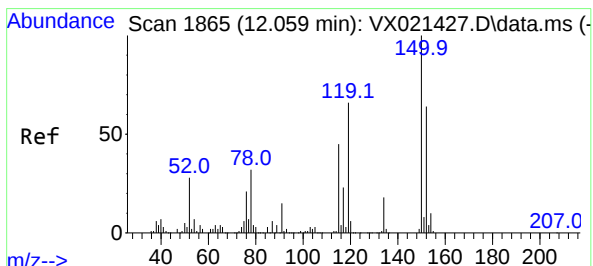
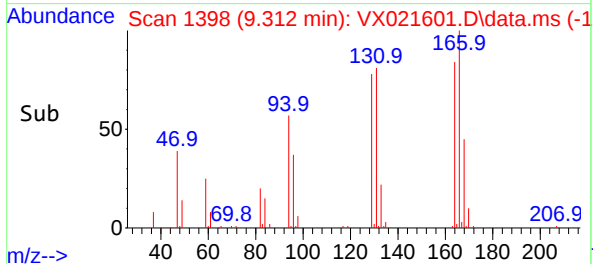
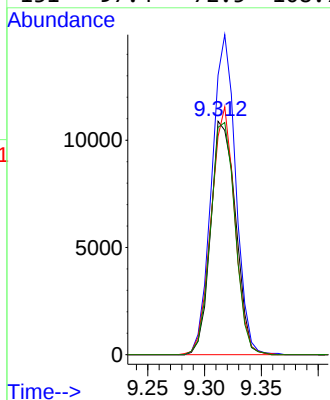
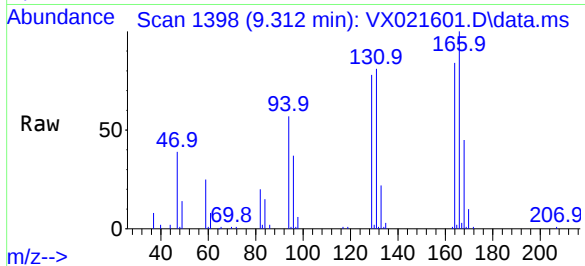




#64
Tetrachloroethene
Concen: 20.53 ug/l
RT: 9.312 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

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Tgt Ion:164 Resp: 16578
Ion Ratio Lower Upper
164 100
166 119.7 103.4 155.2
129 93.5 70.8 106.2
131 97.4 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion:152 Resp: 52023
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 160.0 0.0 349.0

