

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%	

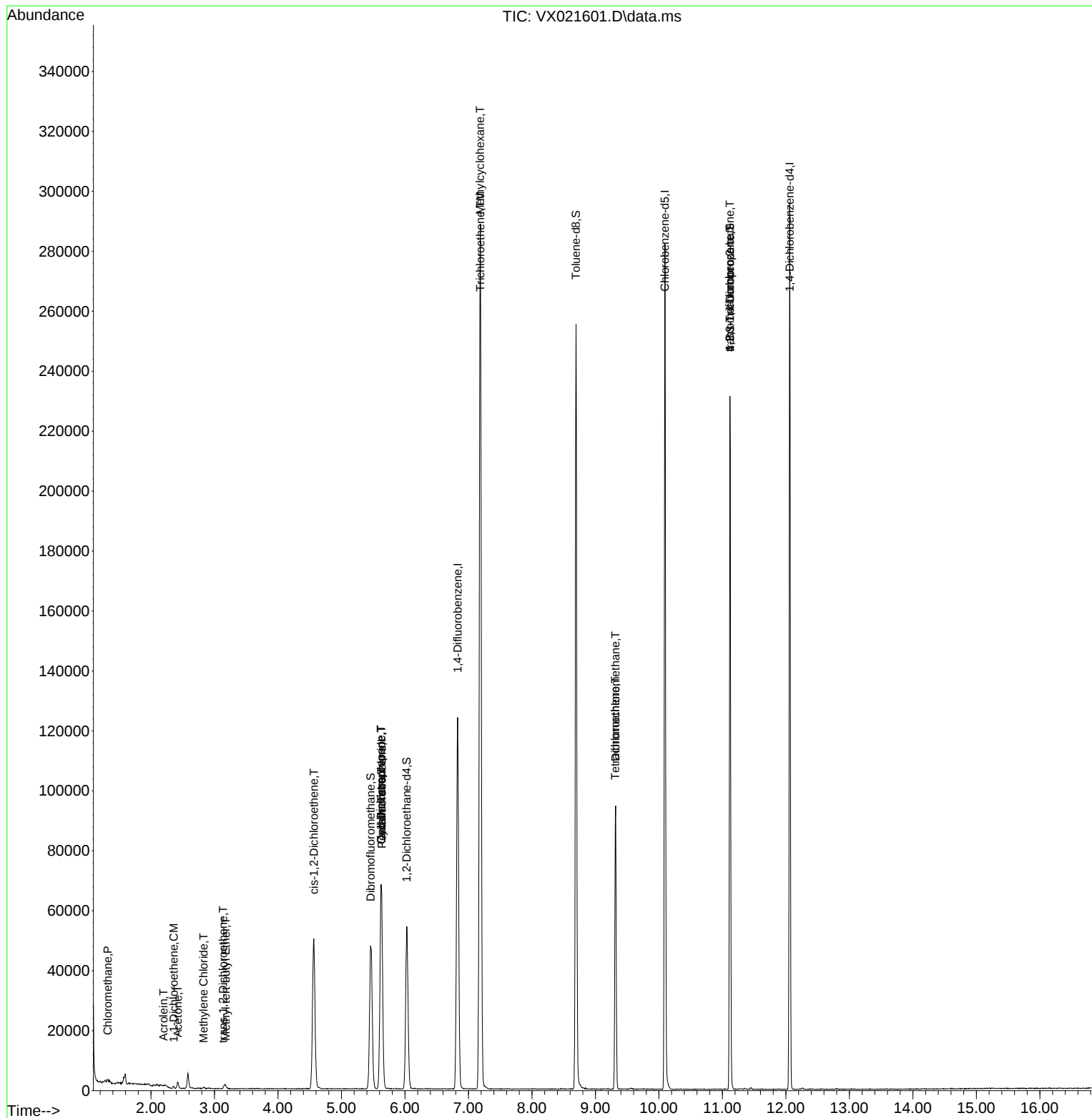
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1455	1.97	ug/l	93
12) 1,1-Dichloroethene	2.358	96	205	0.34	ug/l #	64
13) Acrolein	2.199	56	19	4.52	ug/l #	1
16) Acetone	2.423	43	2197	5.86	ug/l #	81
19) Methyl tert-butyl Ether	3.176	73	1355	0.60	ug/l	92
20) Methylene Chloride	2.829	84	235	0.32	ug/l #	68
21) trans-1,2-Dichloroethene	3.135	96	163	0.25	ug/l #	64
27) cis-1,2-Dichloroethene	4.564	96	29789	38.89	ug/l	98
31) Cyclohexane	5.629	56	1657	1.52	ug/l #	12
36) 1,1-Dichloropropene	5.623	75	5399	4.80	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6841	5.66	ug/l #	16
39) Methylcyclohexane	7.182	83	1432	1.15	ug/l #	1
44) Trichloroethene	7.188	130	103712	122.98	ug/l	99
60) Dibromochloromethane	9.318	129	16704	17.90	ug/l #	11
64) Tetrachloroethene	9.312	164	16578	20.53	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	33740	27.86	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33740	84.86	ug/l #	12

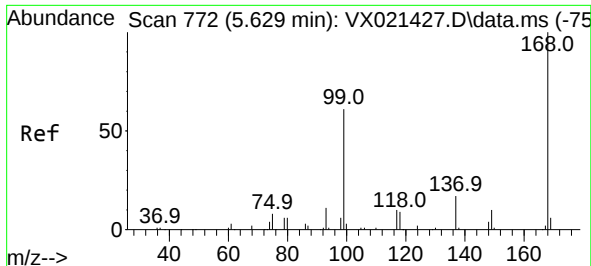
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

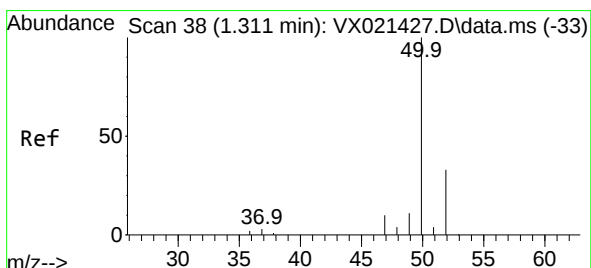
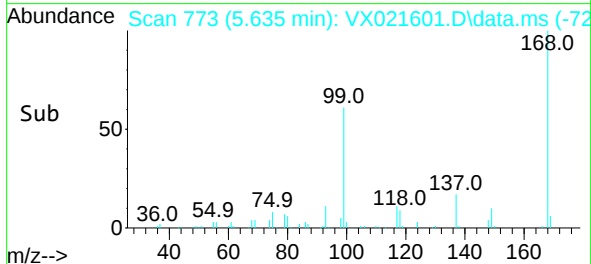
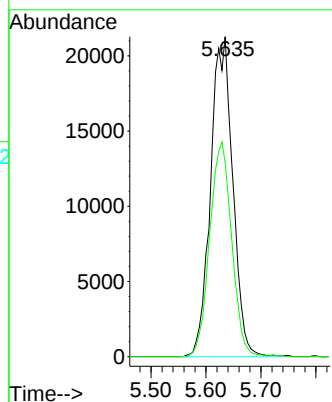
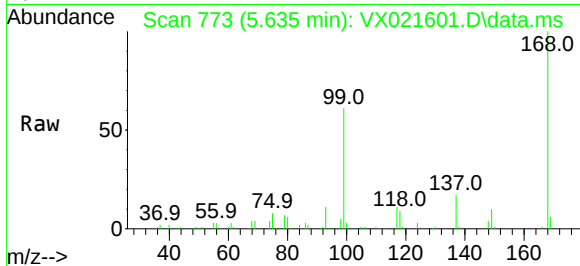




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

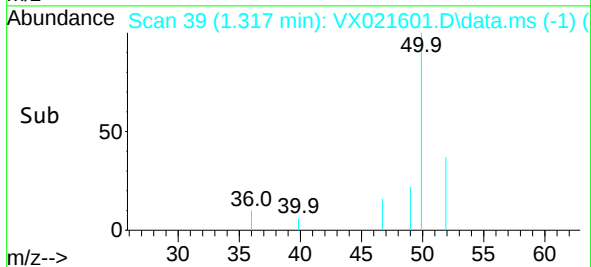
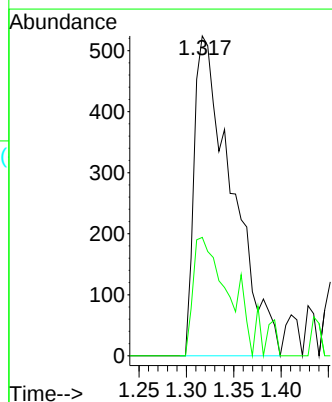
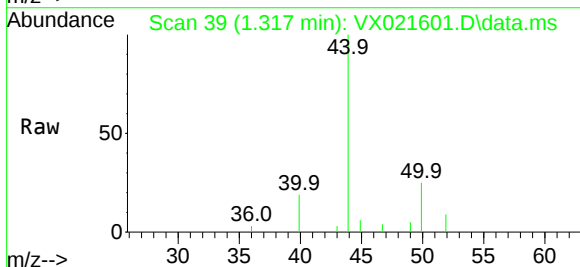
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

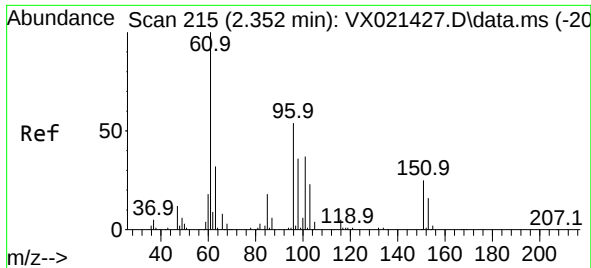
Tgt Ion:168 Resp: 59592
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#3
Chloromethane
Concen: 1.97 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 50 Resp: 1455
Ion Ratio Lower Upper
50 100
52 37.0 26.4 39.6

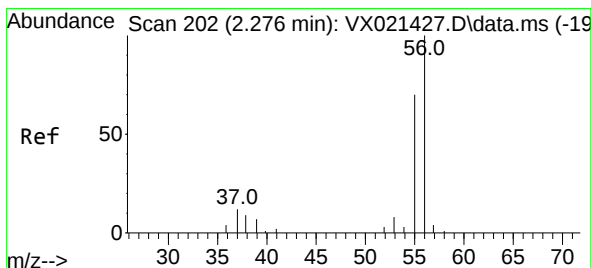
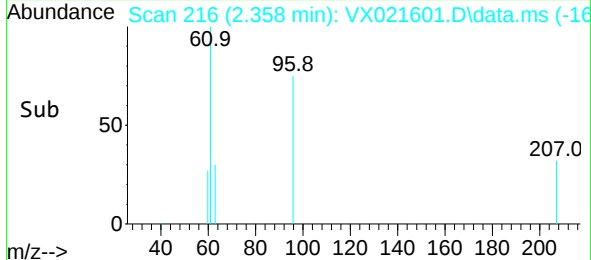
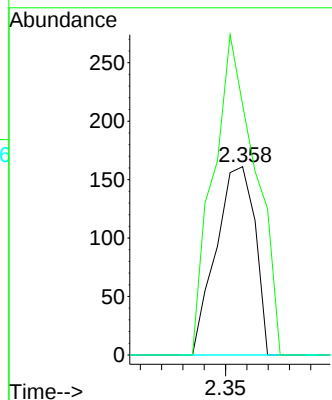
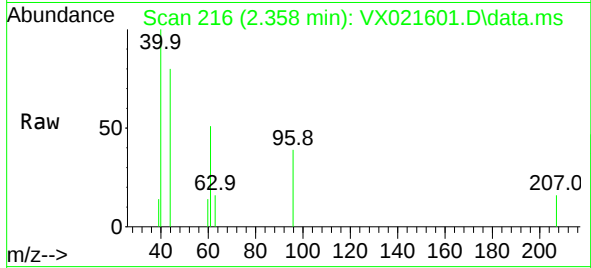




#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

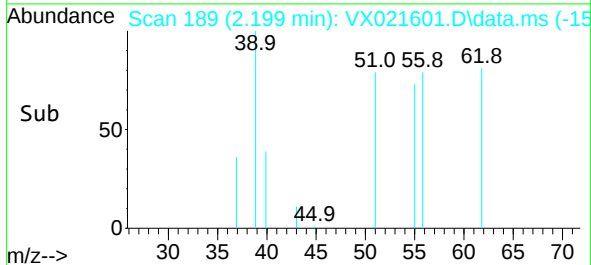
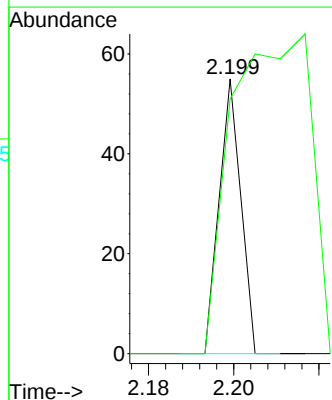
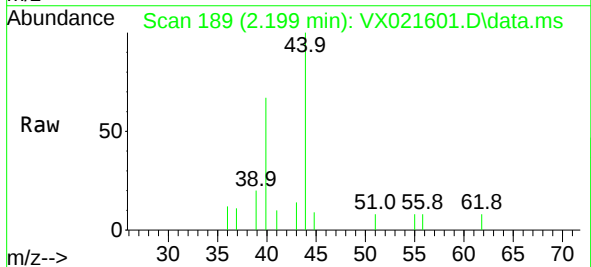
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

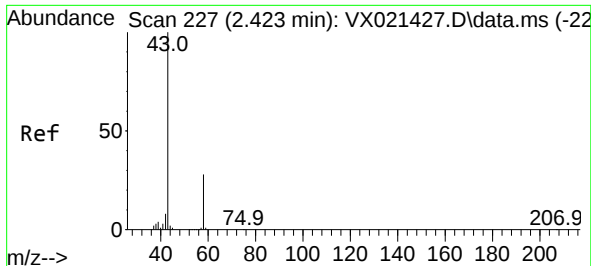
Tgt Ion: 96 Resp: 205
Ion Ratio Lower Upper
96 100
61 132.9 124.6 187.0
98 0.0 50.6 76.0#



#13
Acrolein
Concen: 4.52 ug/l
RT: 2.199 min Scan# 189
Delta R.T. -0.077 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 436.8 56.4 84.6#

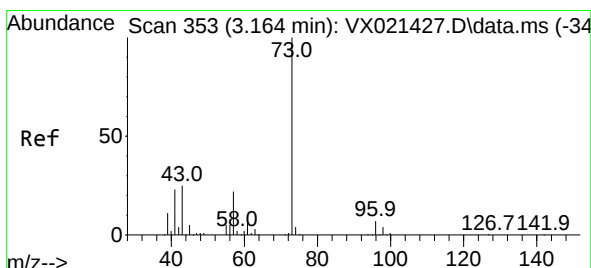
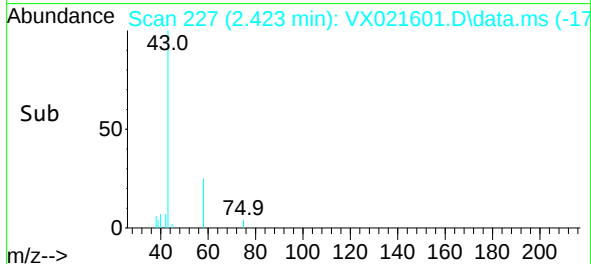
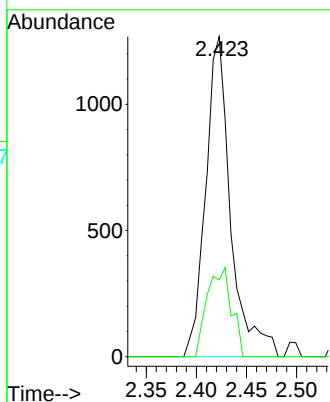
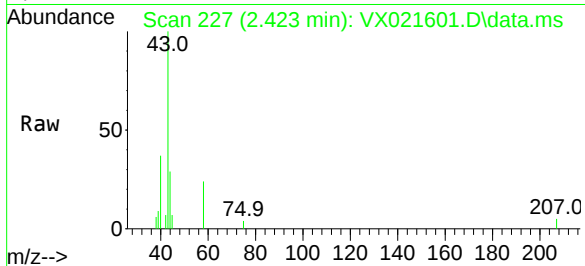




#16
Acetone
Concen: 5.86 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

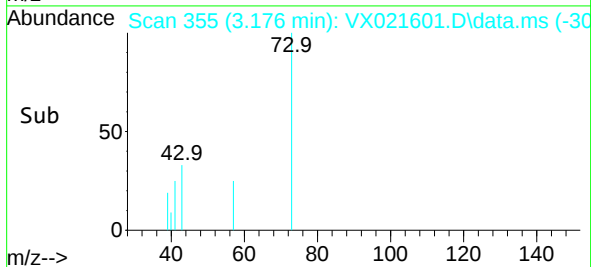
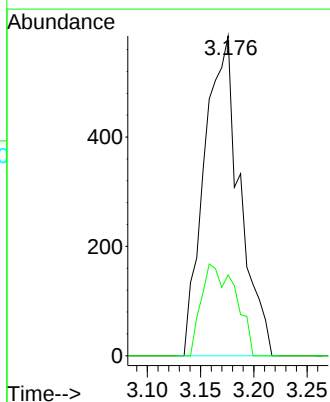
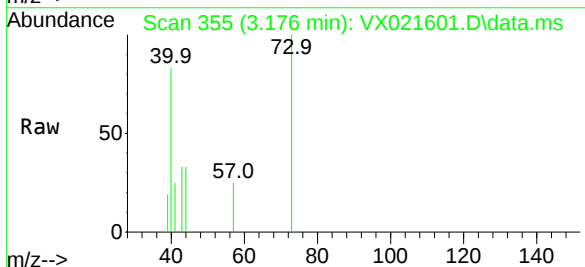
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

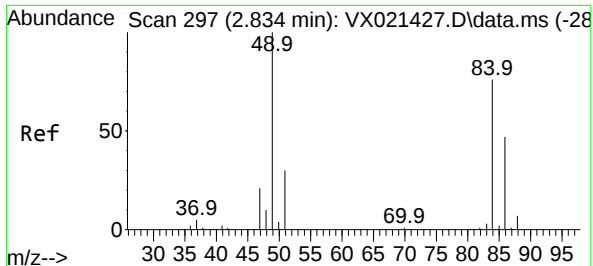
Tgt Ion: 43 Resp: 2197
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#



#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



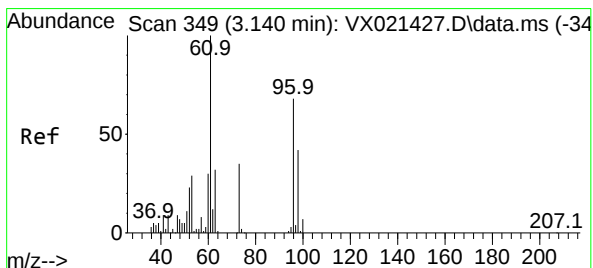
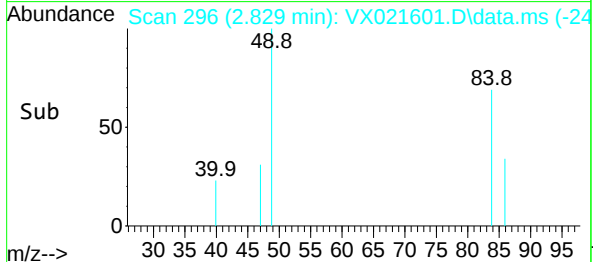
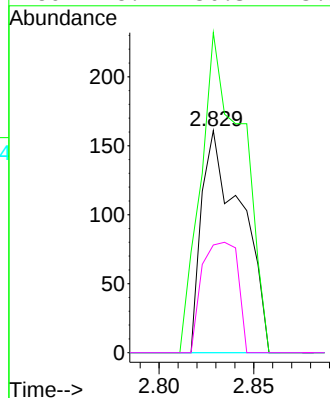
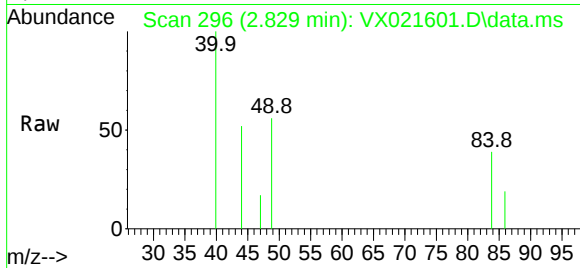


#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

Tgt Ion: 84 Resp: 235

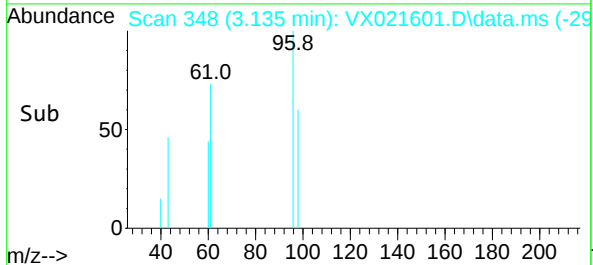
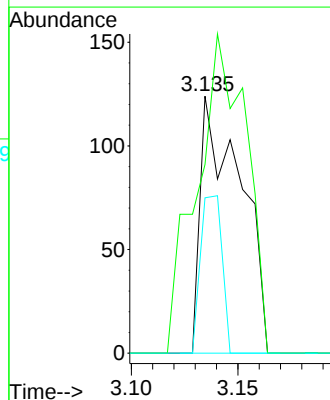
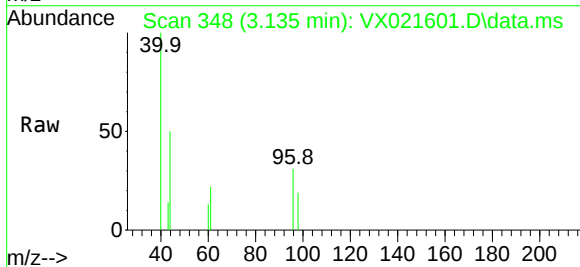
Ion	Ratio	Lower	Upper
84	100		
49	144.1	88.6	132.8#
51	0.0	27.0	40.6#
86	48.4	50.3	75.5#

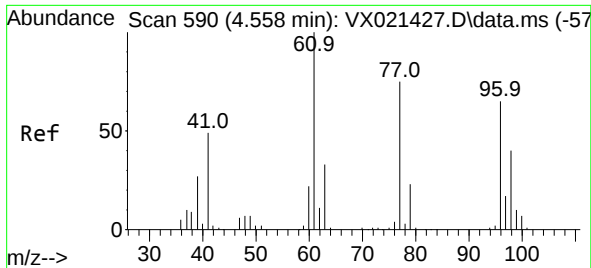


#21
trans-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 3.135 min Scan# 348
Delta R.T. -0.005 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 96 Resp: 163

Ion	Ratio	Lower	Upper
96	100		
61	73.4	107.7	161.5#
98	60.5	50.4	75.6





#27

cis-1,2-Dichloroethene

Concen: 38.89 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.006 min

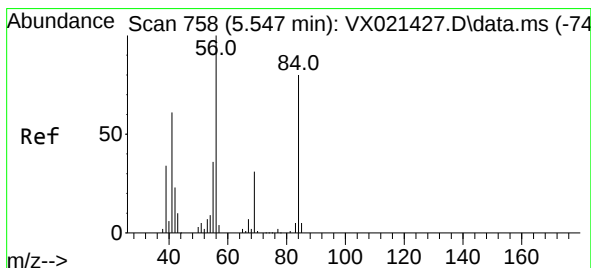
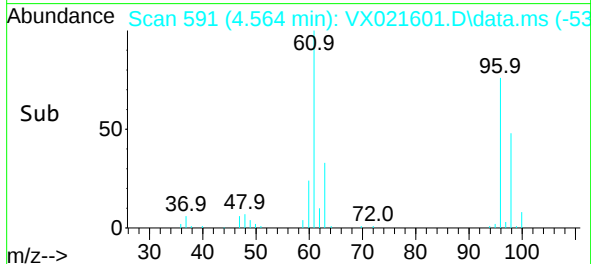
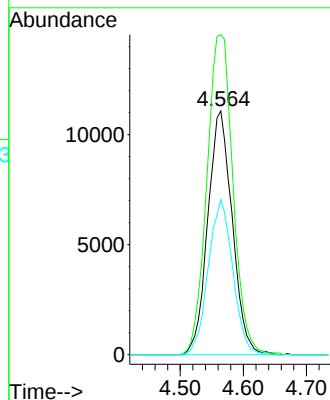
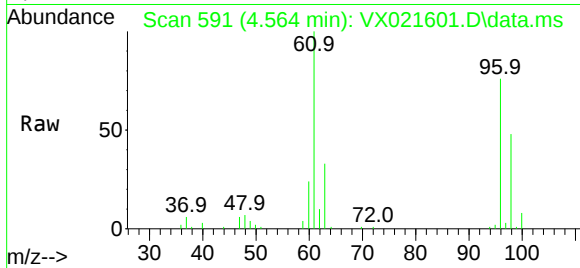
Lab File: VX021601.D

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 :
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#31

Cyclohexane

Concen: 1.52 ug/l

RT: 5.629 min Scan# 772

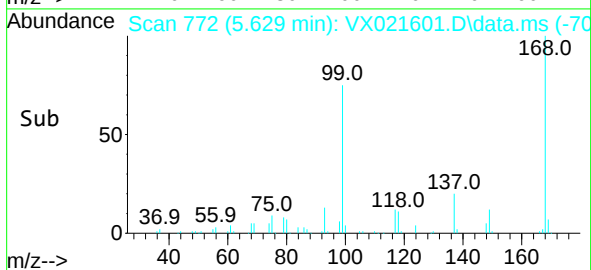
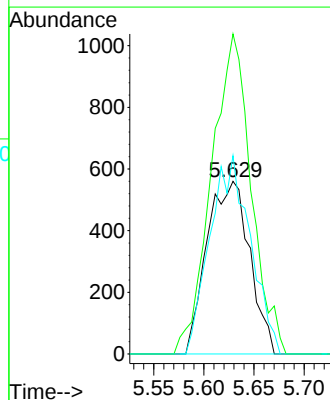
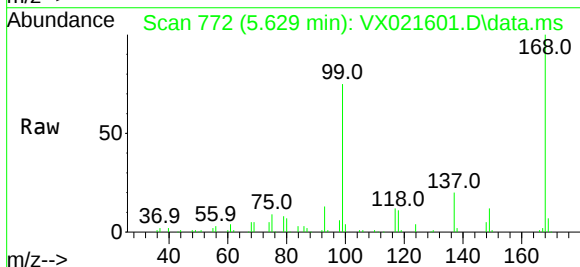
Delta R.T. 0.082 min

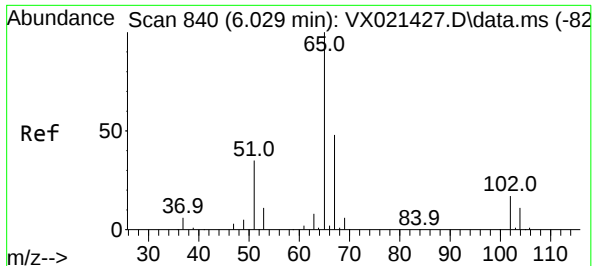
Lab File: VX021601.D

Acq: 30 Mar 2021 01:27

Tgt Ion: 56 Resp: 1657

Ion	Ratio	Lower	Upper
56	100		
69	176.1	25.3	37.9#
84	114.8	71.4	107.0#





#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

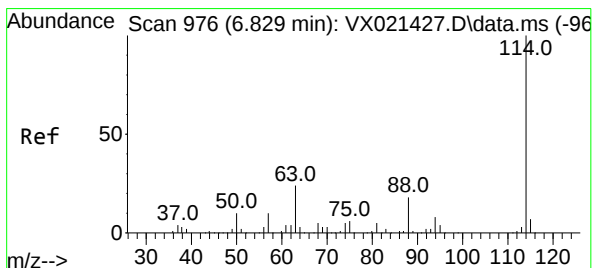
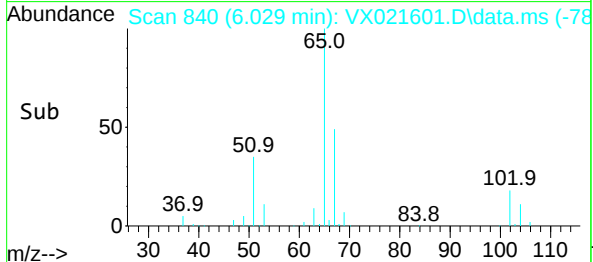
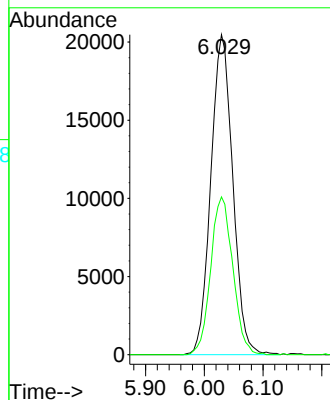
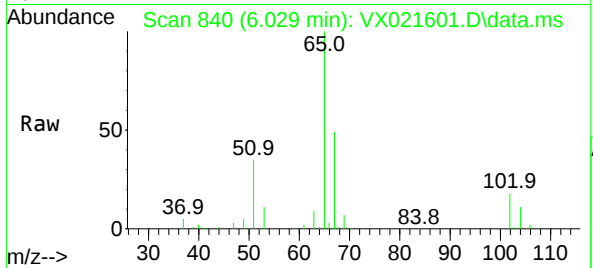
Acq: 30 Mar 2021 01:27

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

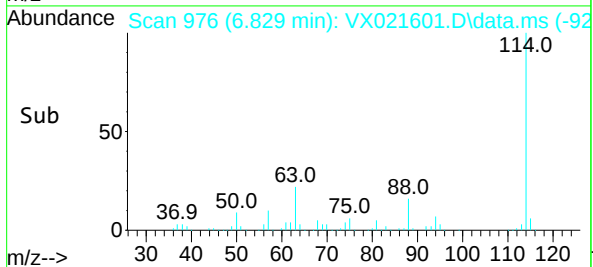
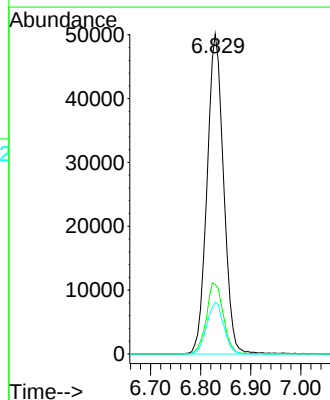
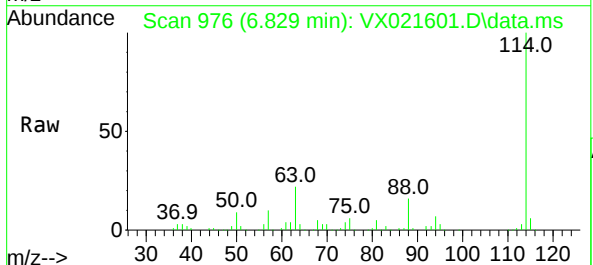
Tgt Ion: 114 Resp: 114855

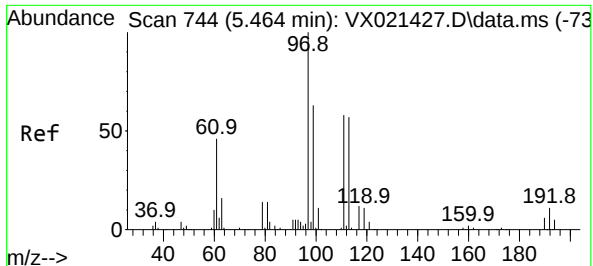
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 16.2 0.0 32.8

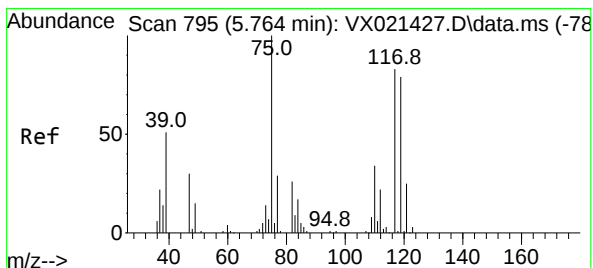
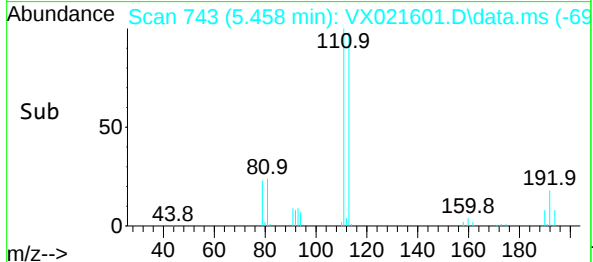
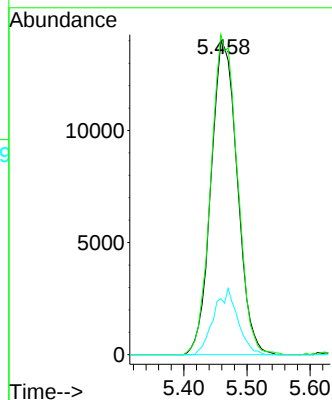
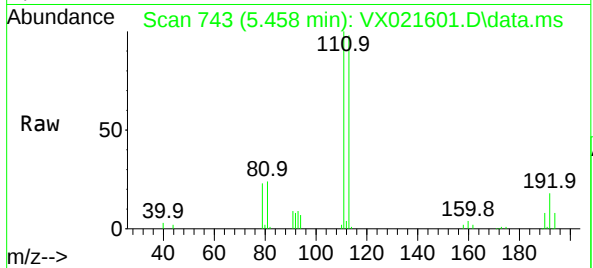




#35
Dibromofluoromethane
Concen: 49.74 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

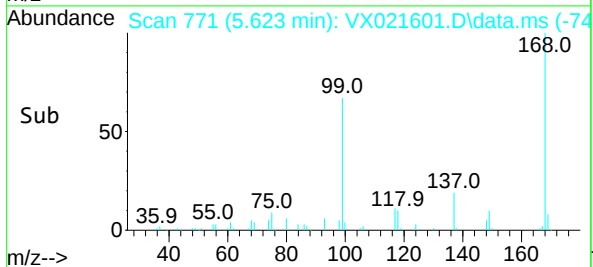
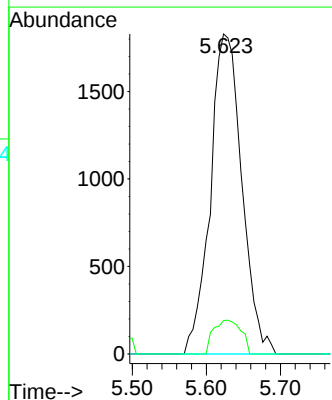
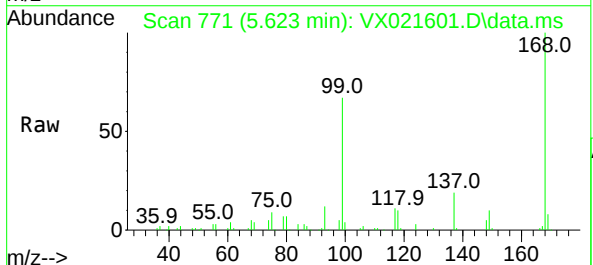
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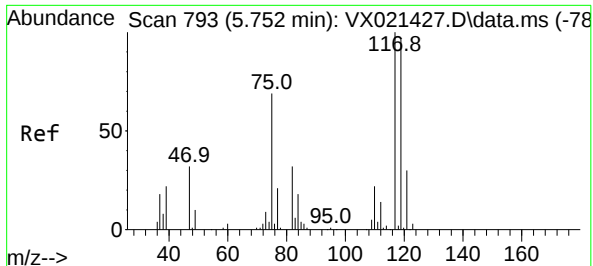
Tgt Ion:113 Resp: 40580
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

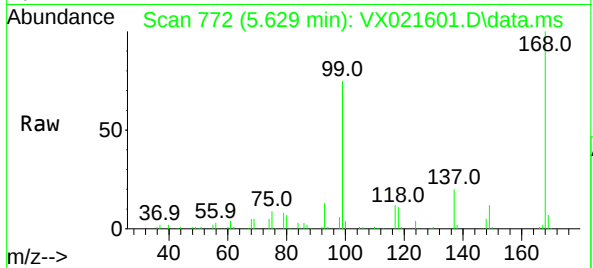
Tgt Ion: 75 Resp: 5399
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



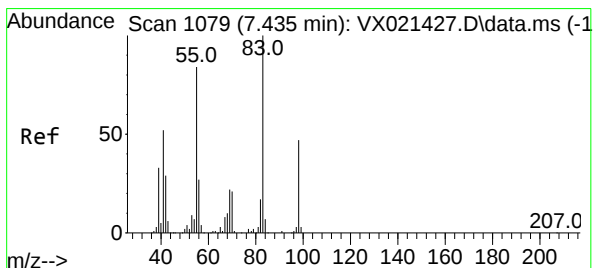
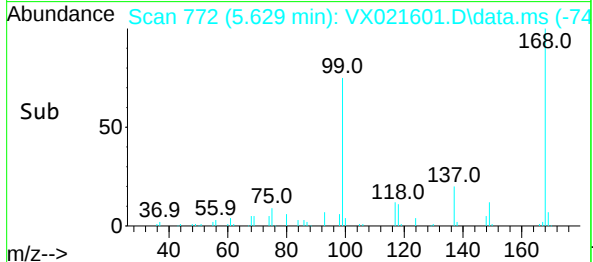
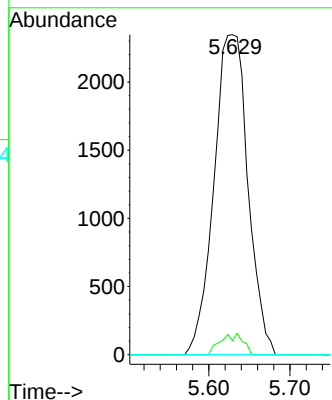


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Instrument :
MSVOA_X
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MW179D-20210324

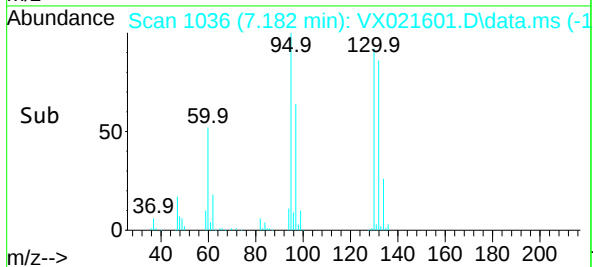
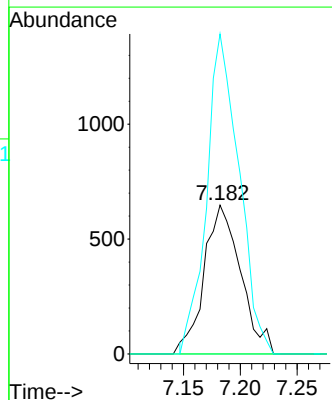
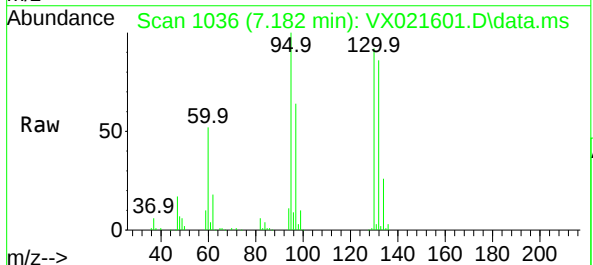


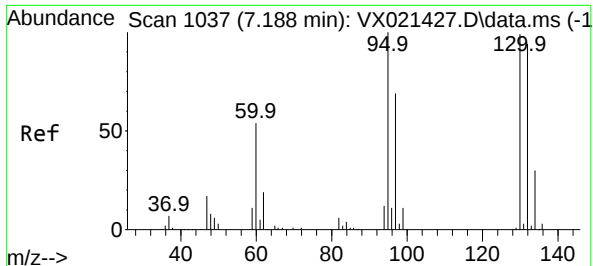
Tgt Ion: 117 Resp: 6841
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.15 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Tgt Ion: 83 Resp: 1432
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 215.0 38.1 57.1#

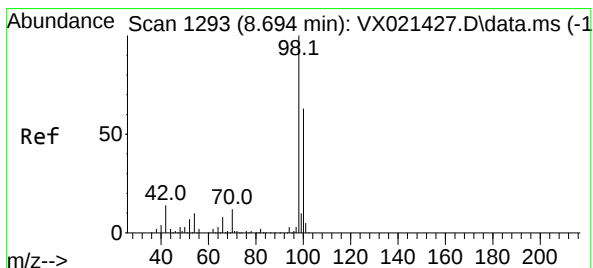
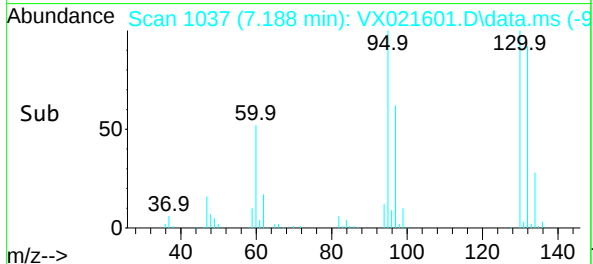
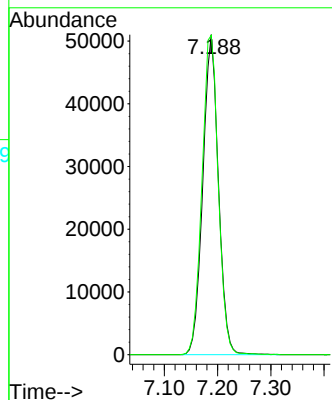
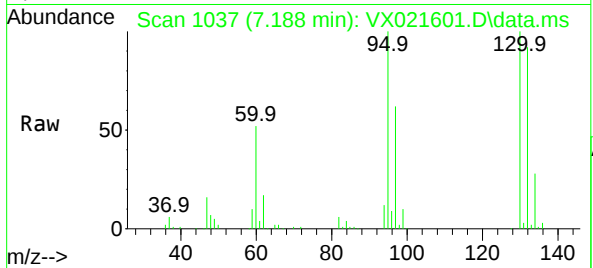




#44
Trichloroethene
Concen: 122.98 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

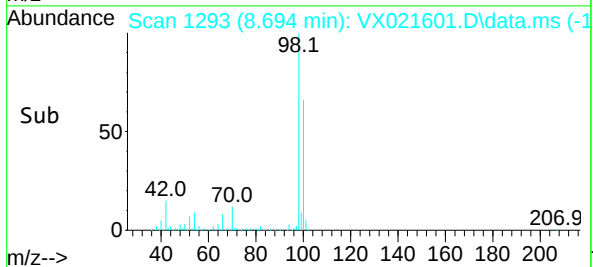
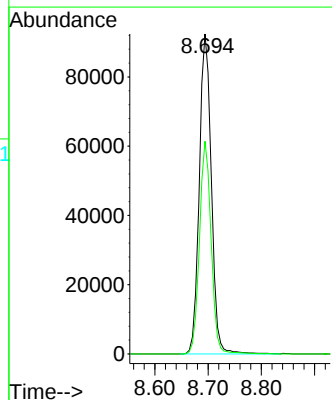
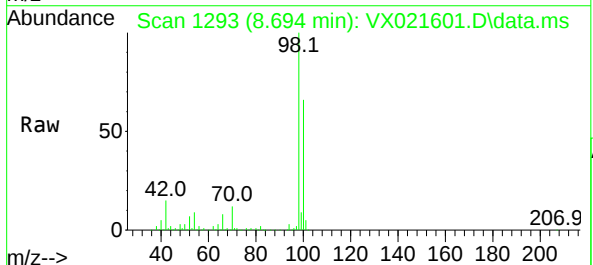
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

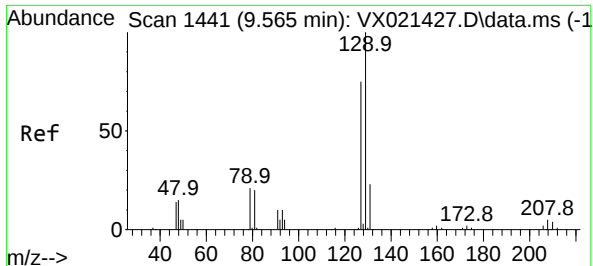
Tgt Ion:130 Resp: 103712
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.0



#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

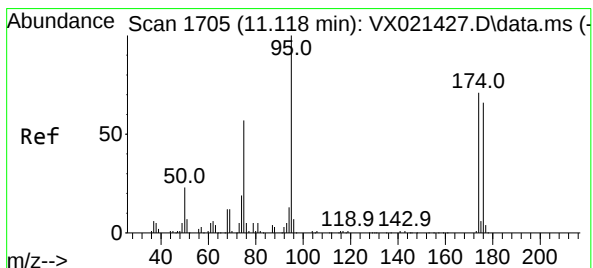
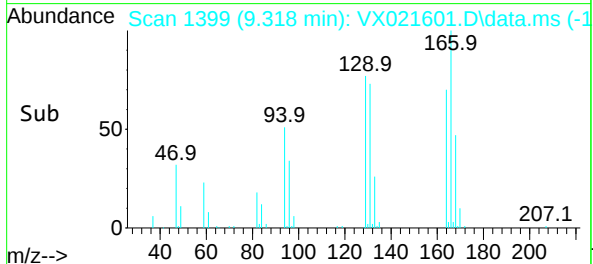
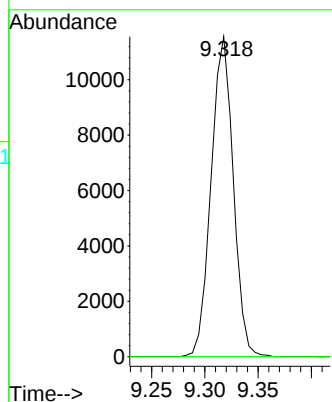
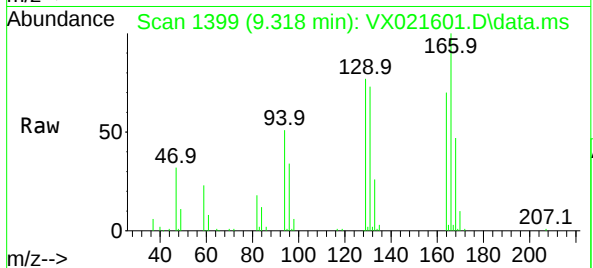




#60
Dibromochloromethane
Concen: 17.90 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

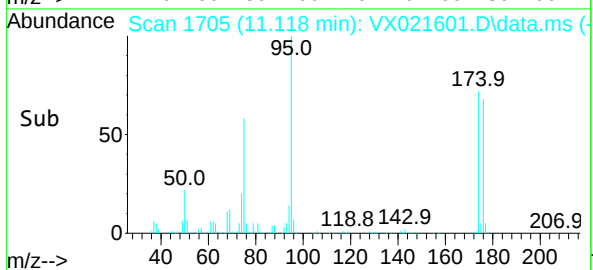
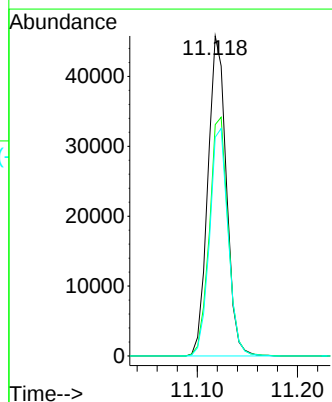
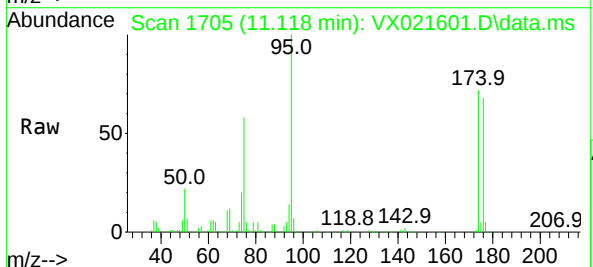
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

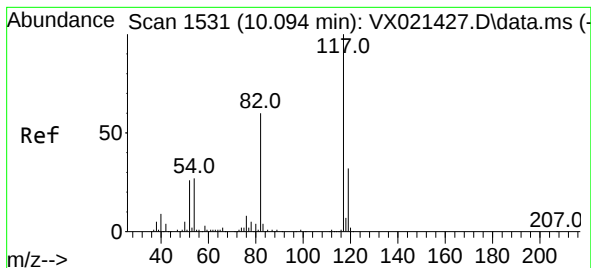
Tgt Ion:129 Resp: 16704
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#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

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

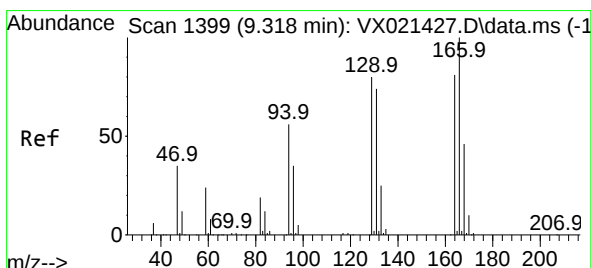
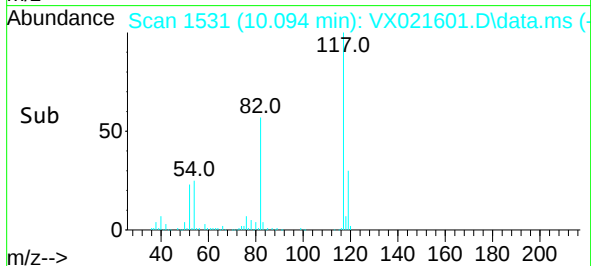
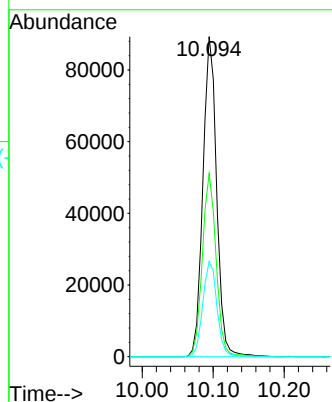
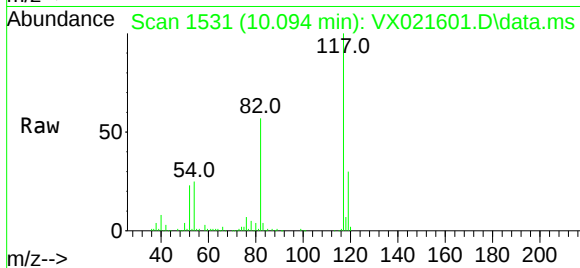




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

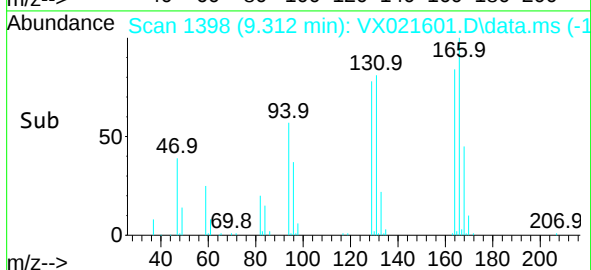
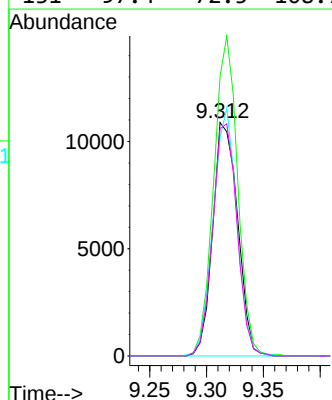
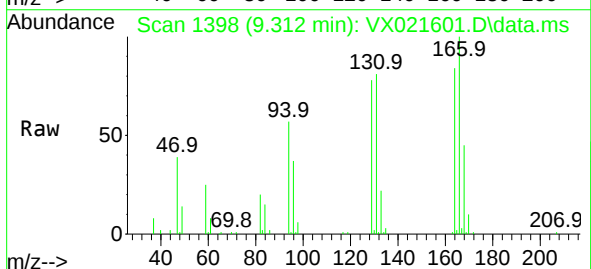
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

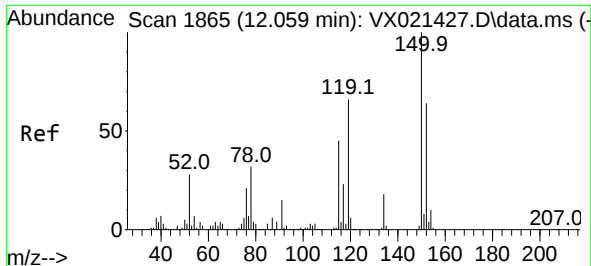
Tgt Ion:	117	Resp:	120523
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	29.8	26.6	39.8



#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

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

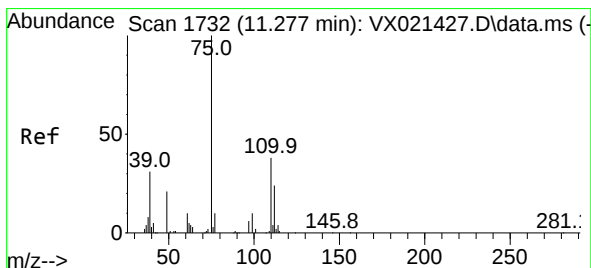
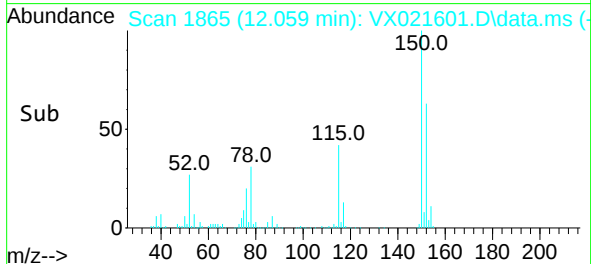
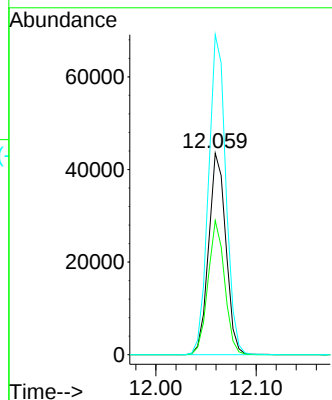
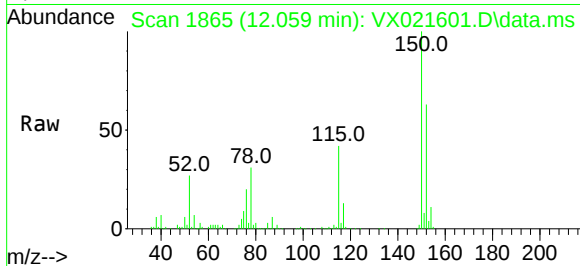




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

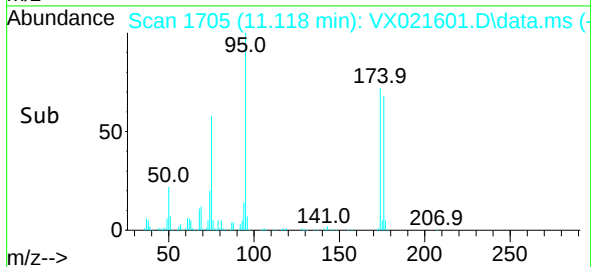
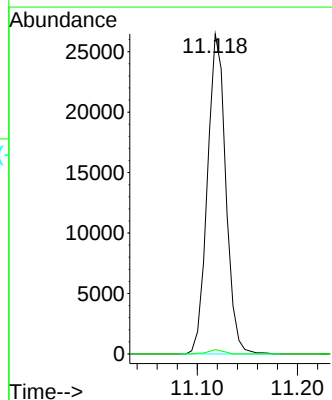
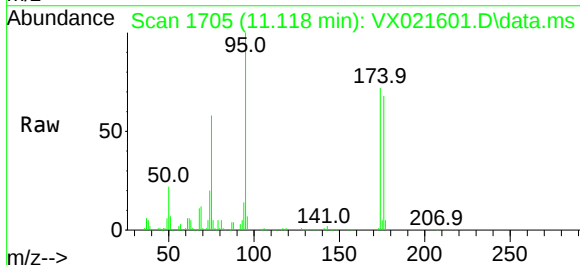
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324

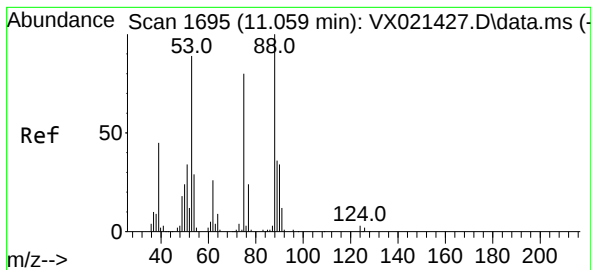
Tgt Ion:152 Resp: 52023
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 160.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

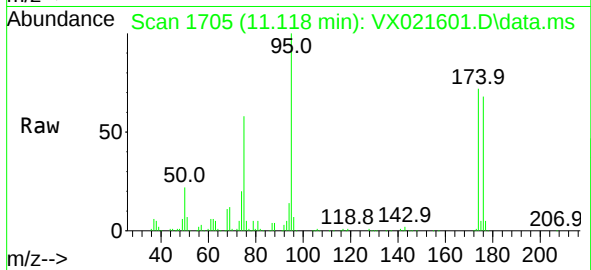
Tgt Ion: 75 Resp: 33740
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021601.D
Acq: 30 Mar 2021 01:27

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210324



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

