

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021652.D
 Acq On : 31 Mar 2021 00:40
 Operator : JC/MD
 Sample : M1843-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20210324DL

Quant Time: Mar 31 06:11:19 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)

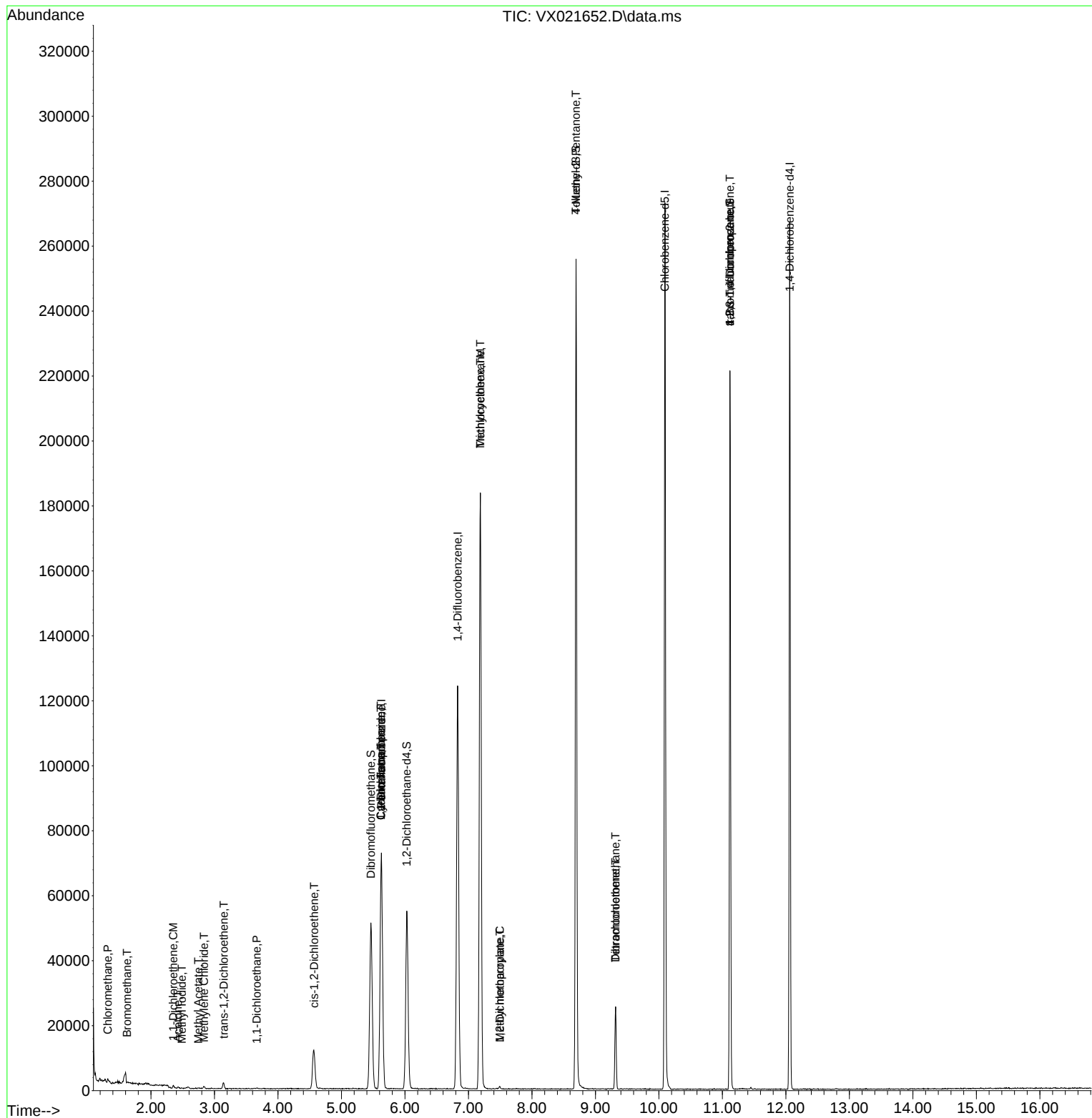
Internal Standards						
1) Pentafluorobenzene	5.629	168	62529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53537	51.46	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.92%			
35) Dibromofluoromethane	5.464	113	41322	51.45	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.90%			
50) Toluene-d8	8.694	98	142728	49.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.74%			
62) 4-Bromofluorobenzene	11.118	95	54803	49.25	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.50%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1528	1.97	ug/l	90
5) Bromomethane	1.623	94	94	0.33	ug/l #	2
10) Methyl Iodide	2.487	142	46	6.72	ug/l #	42
12) 1,1-Dichloroethene	2.352	96	255	0.40	ug/l	94
16) Acetone	2.423	43	484	1.23	ug/l #	40
18) Methyl Acetate	2.746	43	275	0.24	ug/l #	47
20) Methylene Chloride	2.835	84	297	0.39	ug/l #	76
21) trans-1,2-Dichloroethene	3.146	96	721	1.04	ug/l	96
24) 1,1-Dichloroethane	3.664	63	355	0.26	ug/l #	81
27) cis-1,2-Dichloroethene	4.570	96	7387	9.19	ug/l	97
31) Cyclohexane	5.623	56	1754	1.53	ug/l #	30
36) 1,1-Dichloropropene	5.623	75	5694	5.14	ug/l #	49
38) Carbon Tetrachloride	5.623	117	6873	5.77	ug/l #	16
39) Methylcyclohexane	7.188	83	991	0.81	ug/l #	1
44) Trichloroethene	7.188	130	64897	78.17	ug/l	92
45) 1,2-Dichloropropane	7.494	63	236	0.28	ug/l #	43
48) Methyl methacrylate	7.494	41	230	0.21	ug/l #	6
51) 4-Methyl-2-Pentanone	8.694	43	779	0.61	ug/l #	1
60) Dibromochloromethane	9.318	129	4463	4.86	ug/l #	11
64) Tetrachloroethene	9.318	164	4523	5.93	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	31101	27.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31101	84.67	ug/l #	12

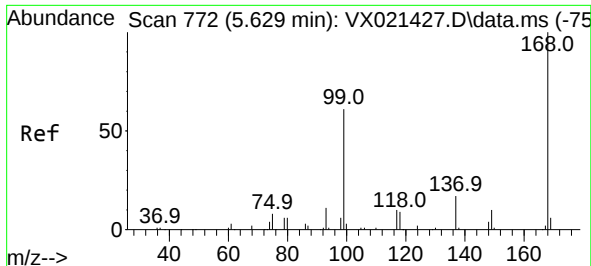
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

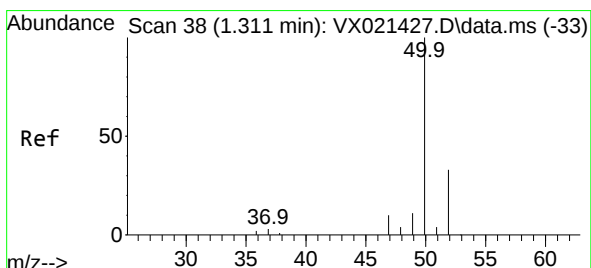
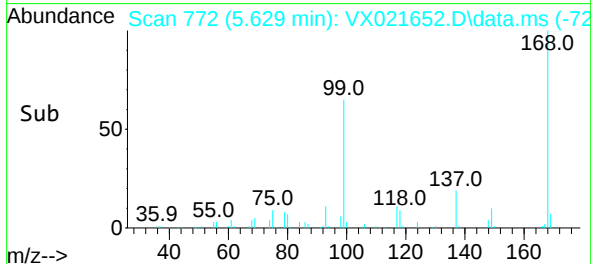
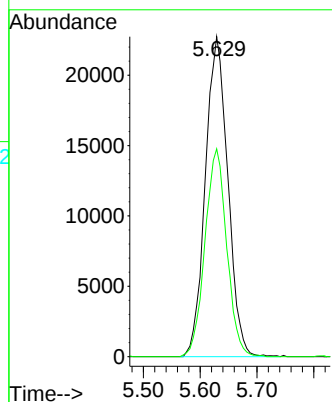
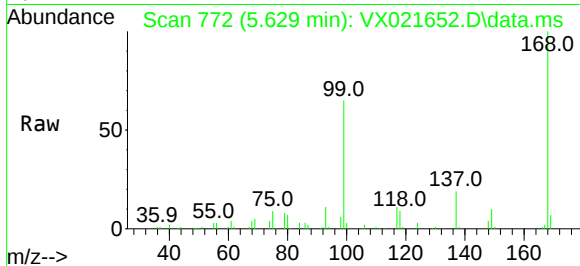




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

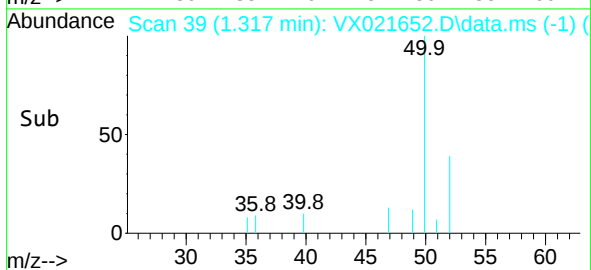
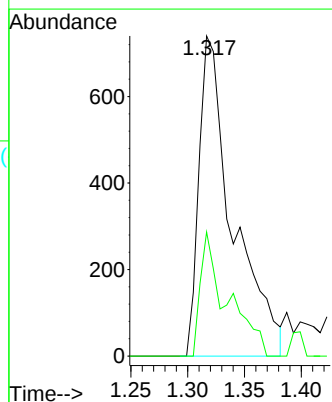
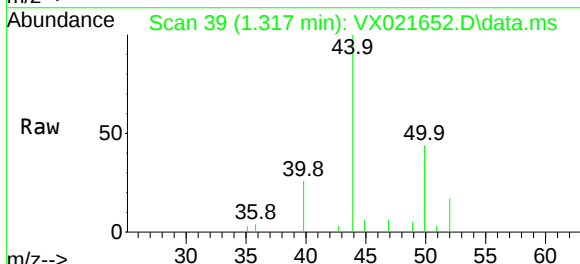
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

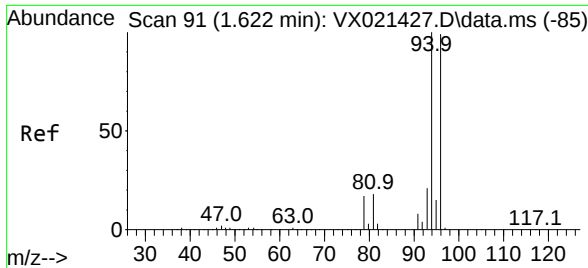
Tgt Ion:168 Resp: 62529
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#3
Chloromethane
Concen: 1.97 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 50 Resp: 1528
Ion Ratio Lower Upper
50 100
52 38.8 26.4 39.6

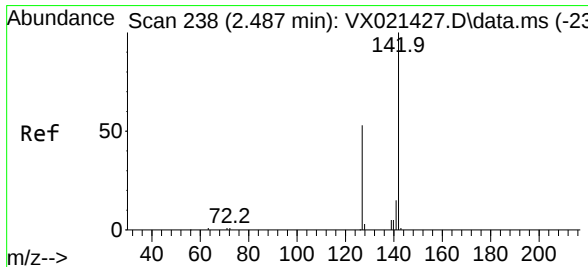
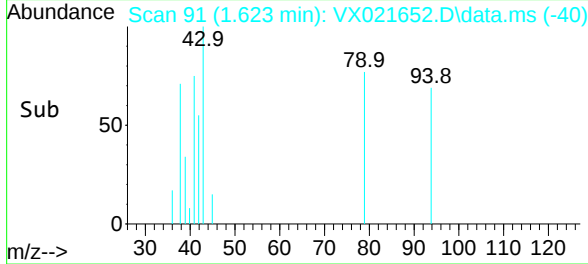
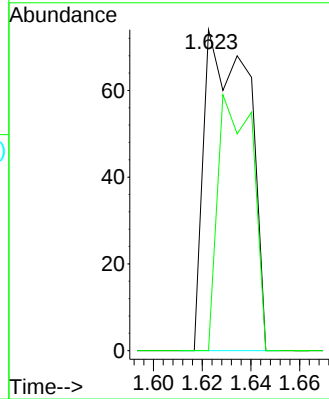
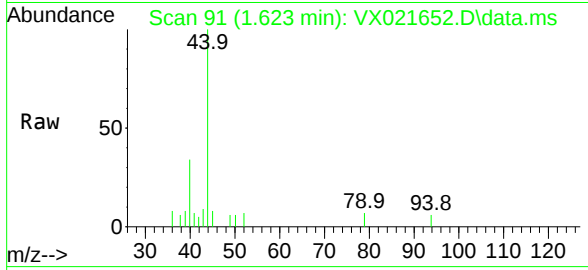




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.623 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

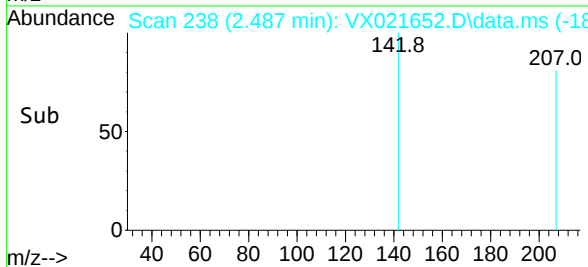
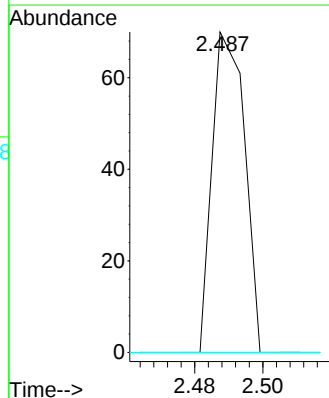
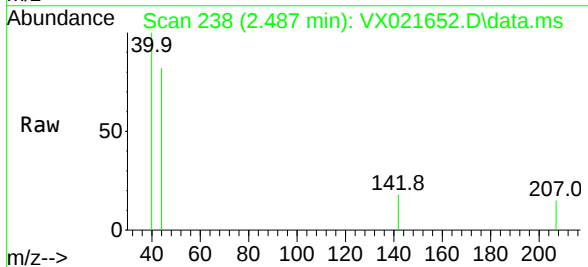
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

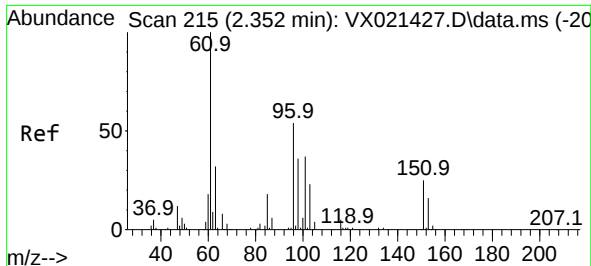
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.40 ug/l

RT: 2.352 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX021652.D

Acq: 31 Mar 2021 00:40

Tgt Ion: 96 Resp: 255

Ion Ratio Lower Upper

96 100

61 144.9 124.6 187.0

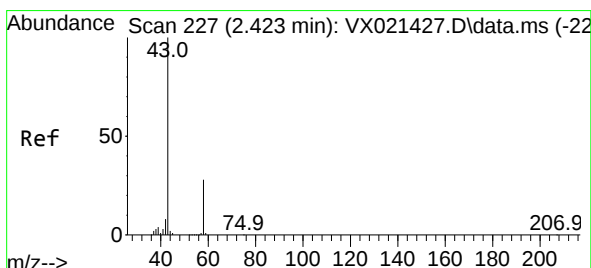
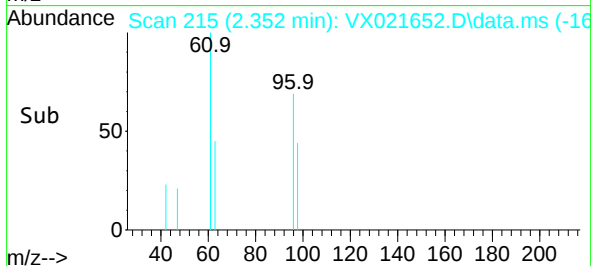
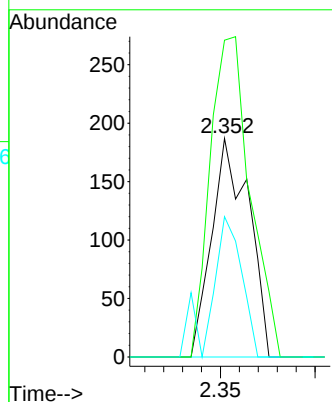
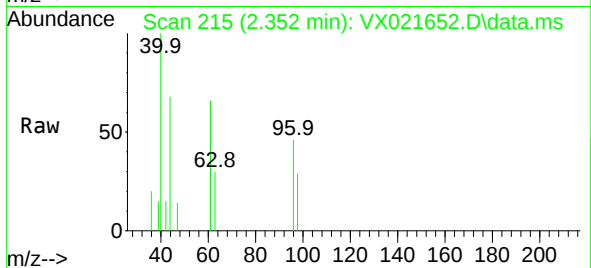
98 64.2 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20210324DL



#16

Acetone

Concen: 1.23 ug/l

RT: 2.423 min Scan# 227

Delta R.T. -0.000 min

Lab File: VX021652.D

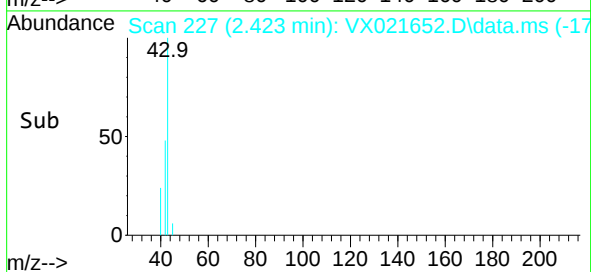
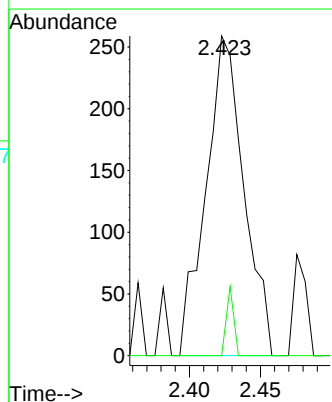
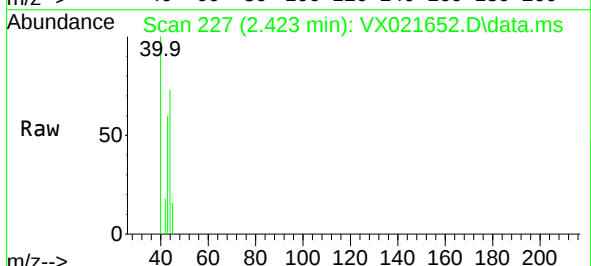
Acq: 31 Mar 2021 00:40

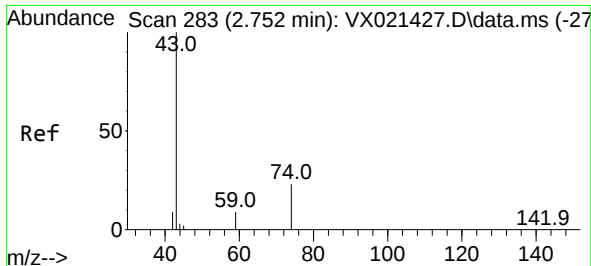
Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#

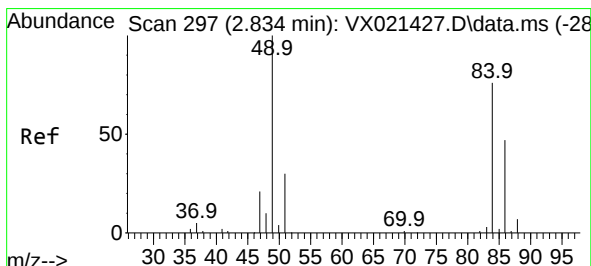
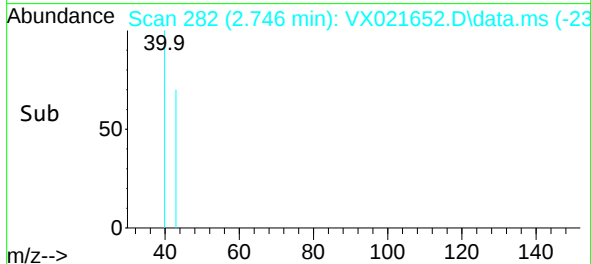
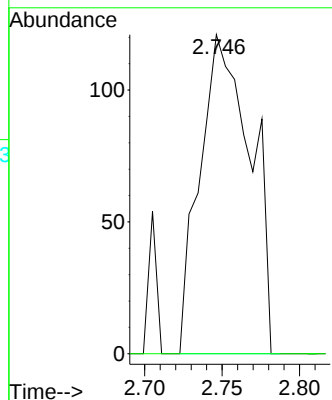
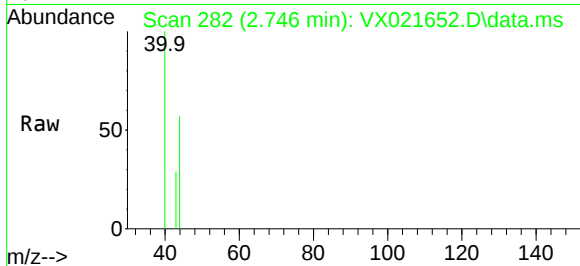




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

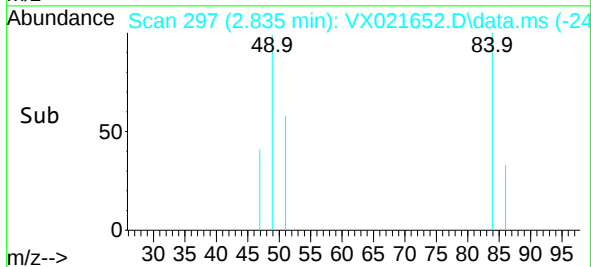
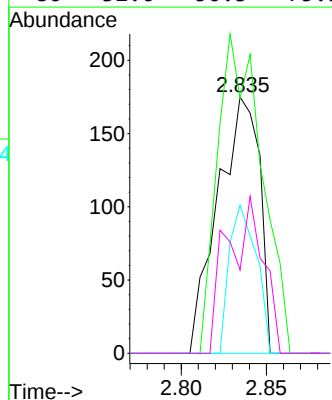
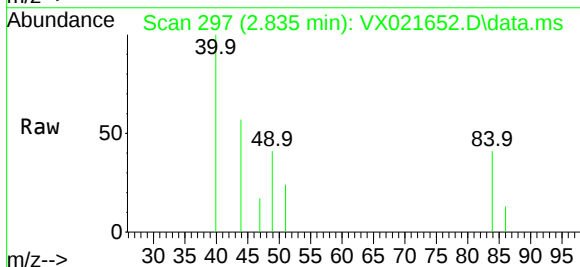
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

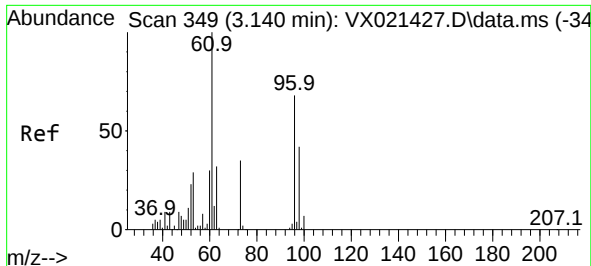
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.001 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

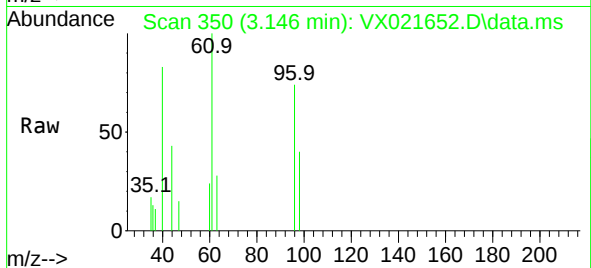
Tgt Ion: 84 Resp: 297
Ion Ratio Lower Upper
84 100
49 99.4 88.6 132.8
51 57.7 27.0 40.6#
86 32.6 50.3 75.5#



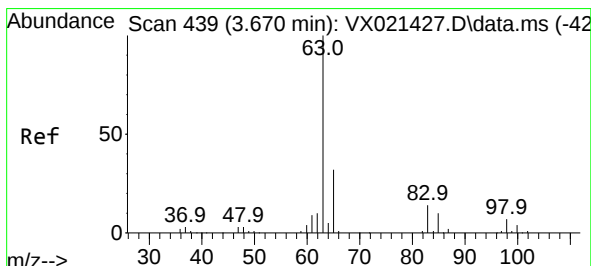
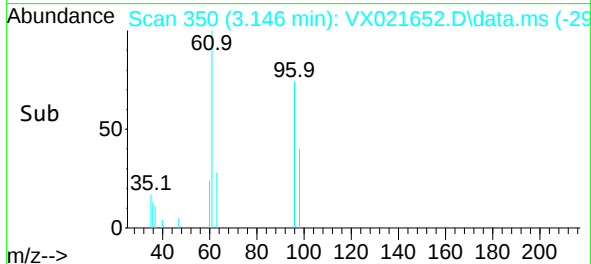
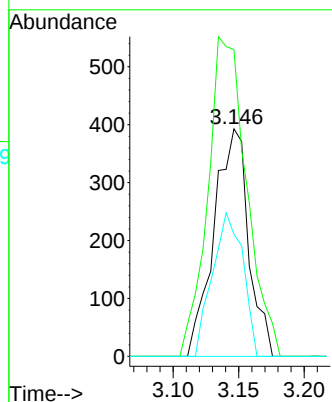


#21
trans-1,2-Dichloroethene
Concen: 1.04 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

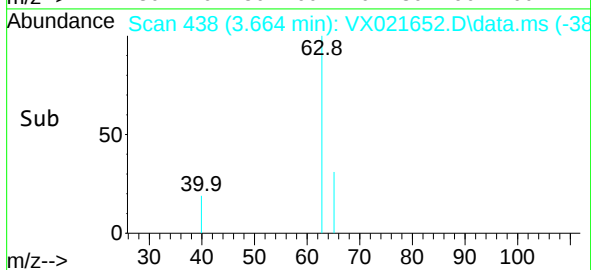
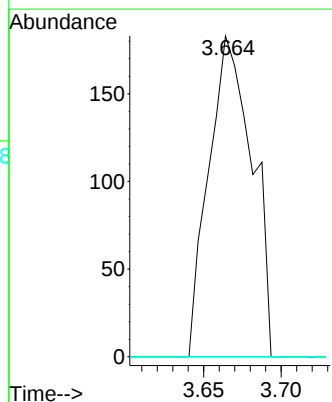
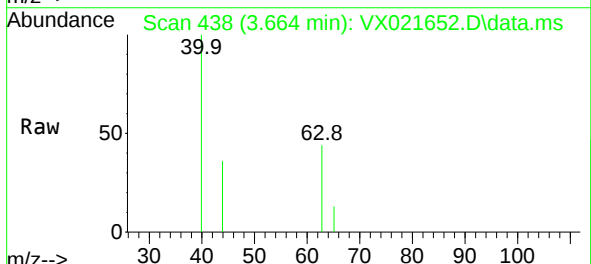


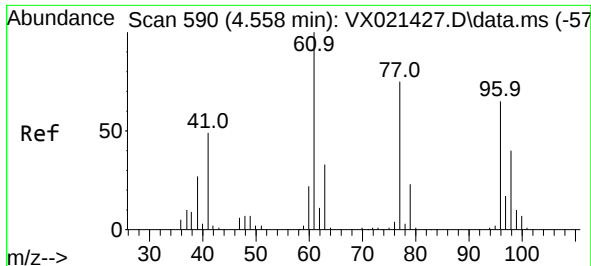
Tgt Ion: 96 Resp: 721
Ion Ratio Lower Upper
96 100
61 134.9 107.7 161.5
98 53.7 50.4 75.6



#24
1,1-Dichloroethane
Concen: 0.26 ug/l
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 63 Resp: 355
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 9.19 ug/l

RT: 4.570 min Scan# 592

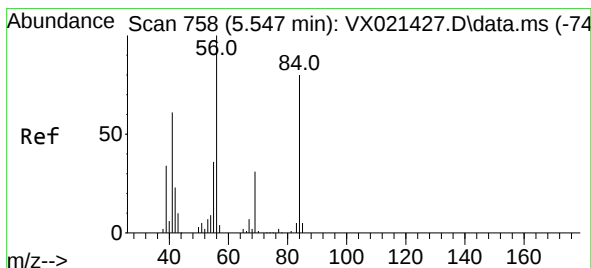
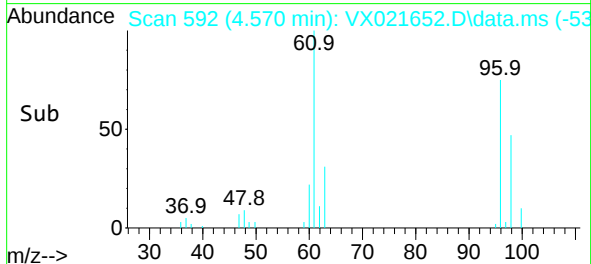
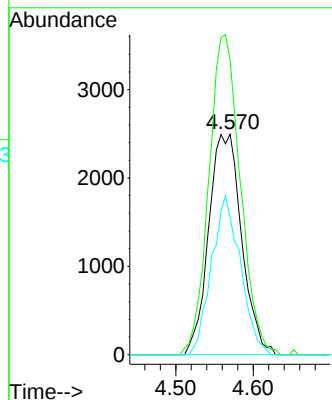
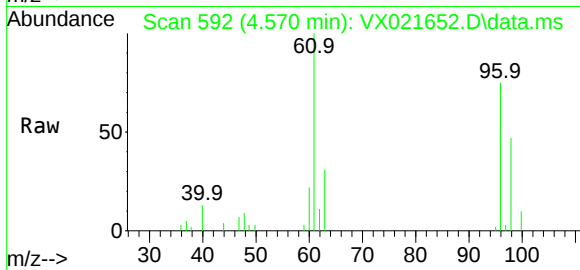
Delta R.T. 0.012 min

Lab File: VX021652.D

Acq: 31 Mar 2021 00:40

Tgt Ion: 96 Resp: 7387

Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	285.6
98	63.2	0.0	129.6



#31

Cyclohexane

Concen: 1.53 ug/l

RT: 5.623 min Scan# 771

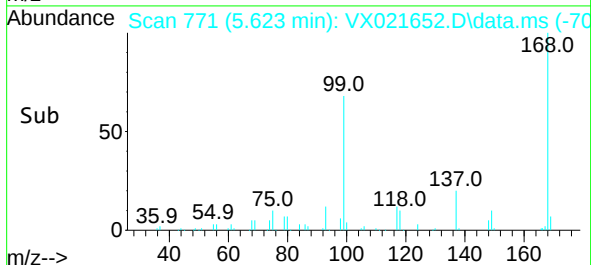
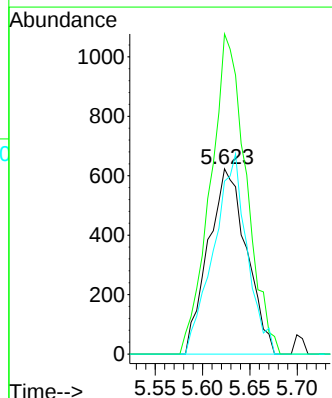
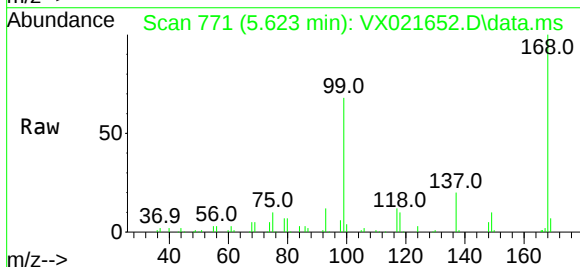
Delta R.T. 0.076 min

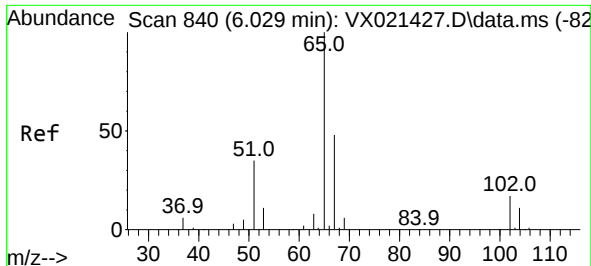
Lab File: VX021652.D

Acq: 31 Mar 2021 00:40

Tgt Ion: 56 Resp: 1754

Ion	Ratio	Lower	Upper
56	100		
69	172.9	25.3	37.9#
84	93.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 51.46 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021652.D

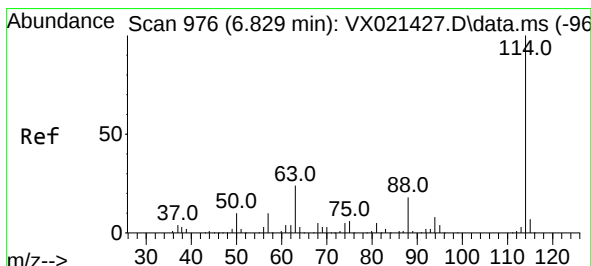
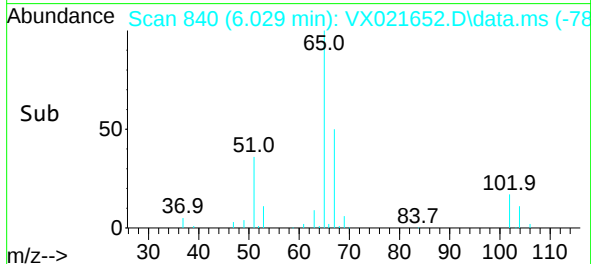
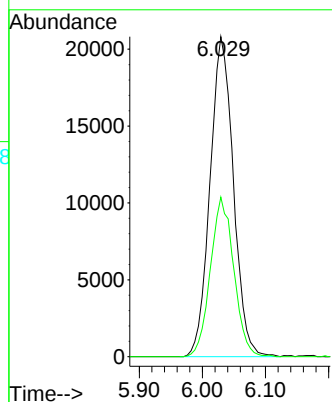
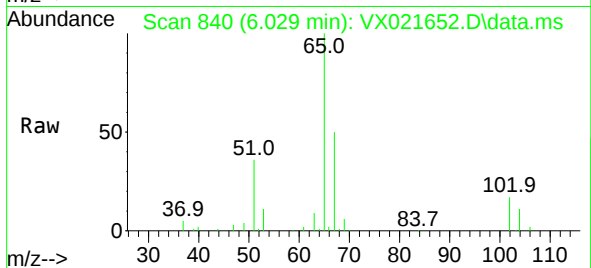
Acq: 31 Mar 2021 00:40

Tgt Ion: 65 Resp: 53537

Ion Ratio Lower Upper

65 100

67 49.8 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: VX021652.D

Acq: 31 Mar 2021 00:40

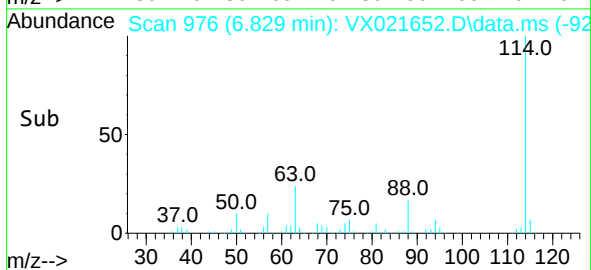
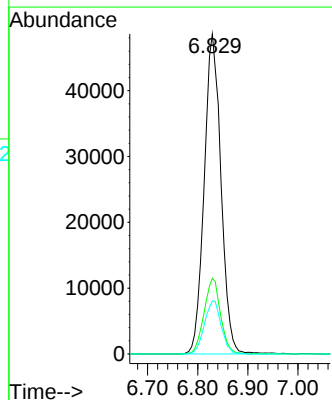
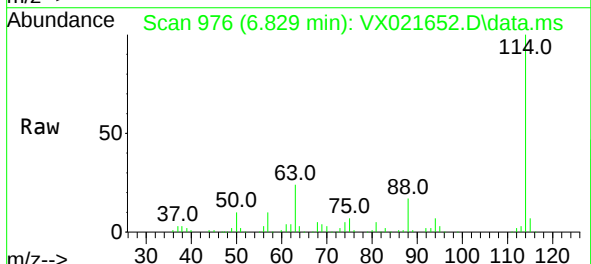
Tgt Ion: 114 Resp: 113064

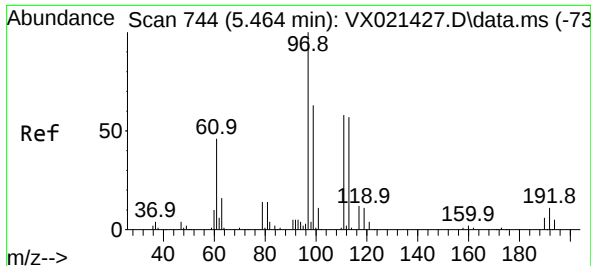
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

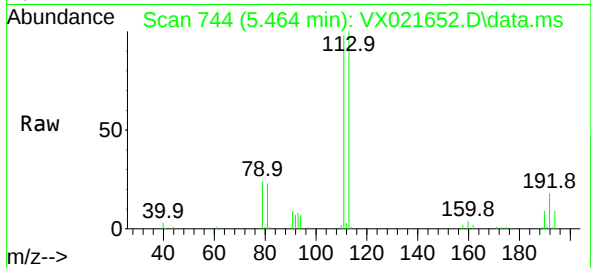
88 16.6 0.0 32.8





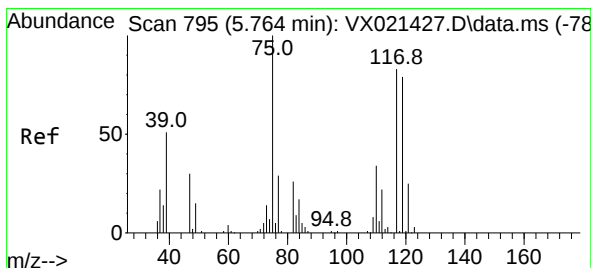
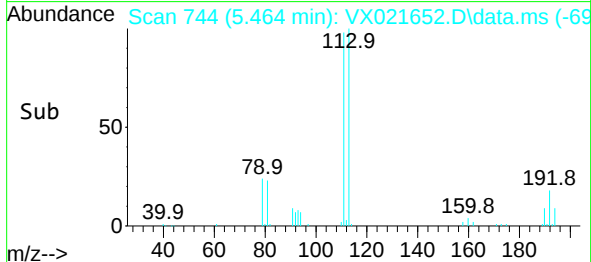
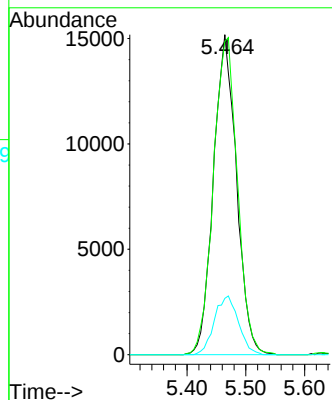
#35
Dibromofluoromethane
Concen: 51.45 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL



Tgt Ion:113 Resp: 41322

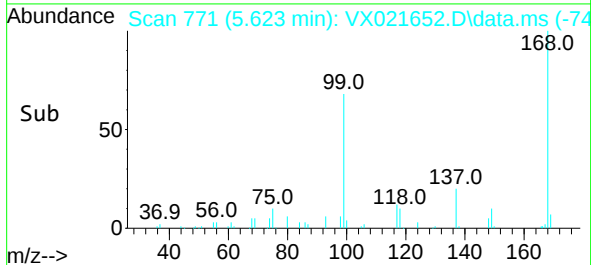
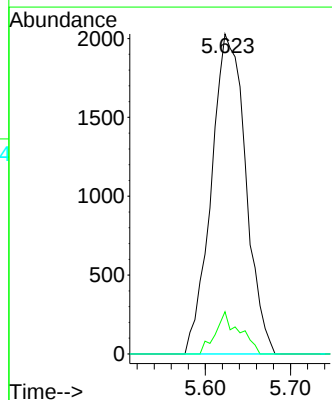
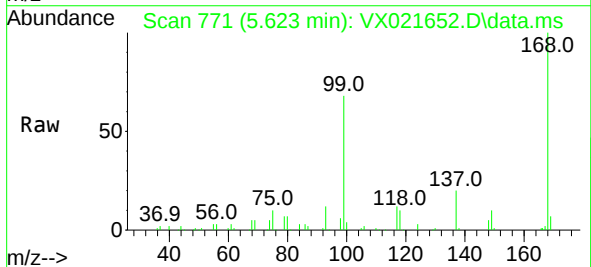
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	19.2	16.7	25.1

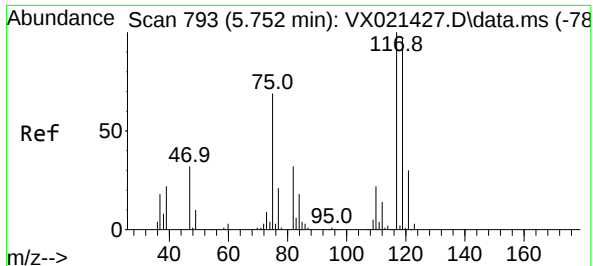


#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 75 Resp: 5694

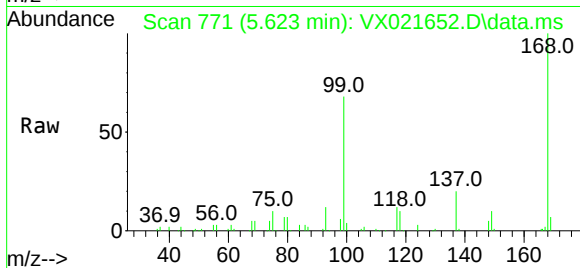
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#



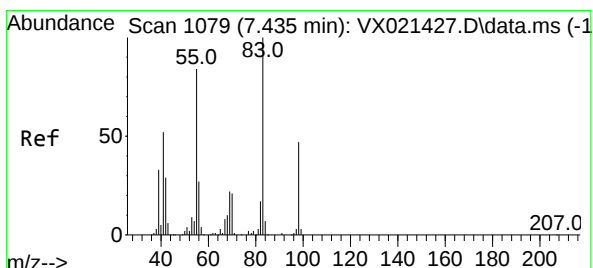
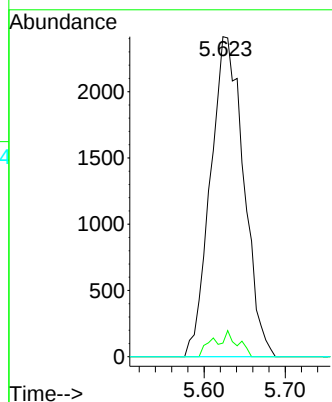
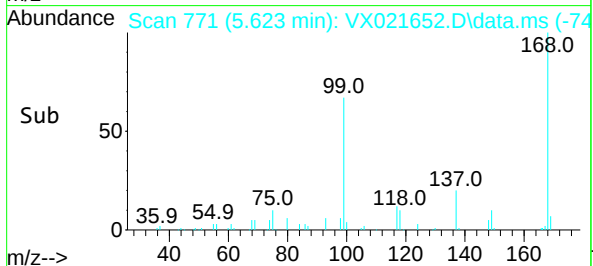


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

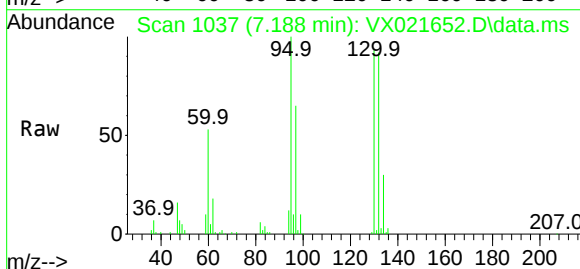
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL



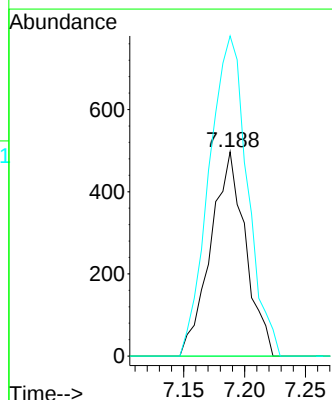
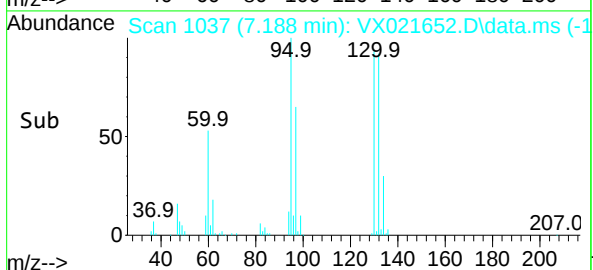
Tgt Ion:117 Resp: 6873
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

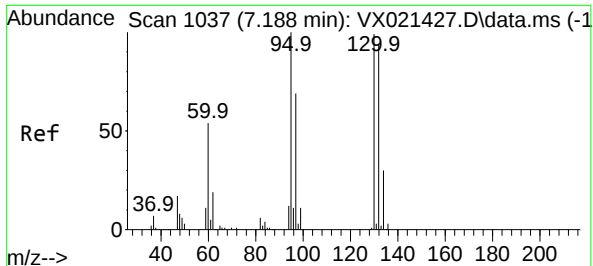


#39
Methylcyclohexane
Concen: 0.81 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40



Tgt Ion: 83 Resp: 991
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 156.7 38.1 57.1#

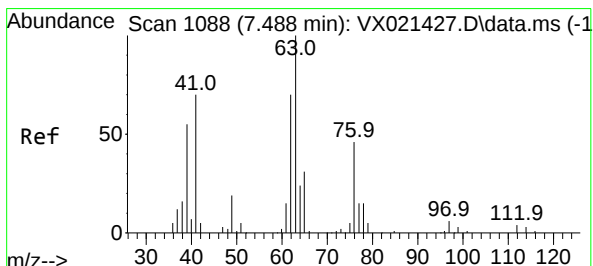
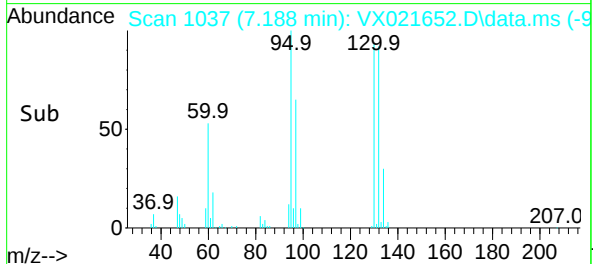
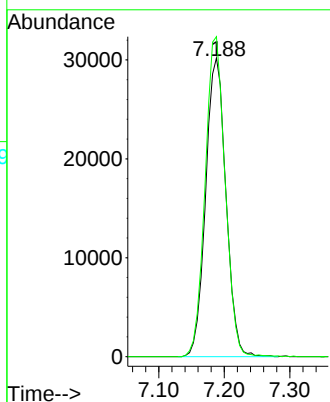
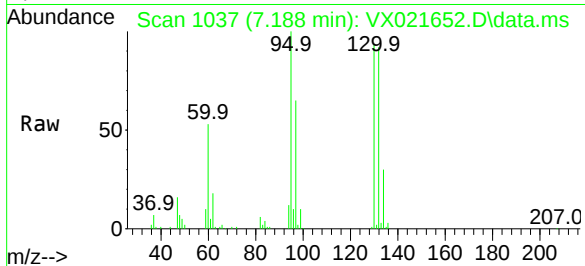




#44
Trichloroethene
Concen: 78.17 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

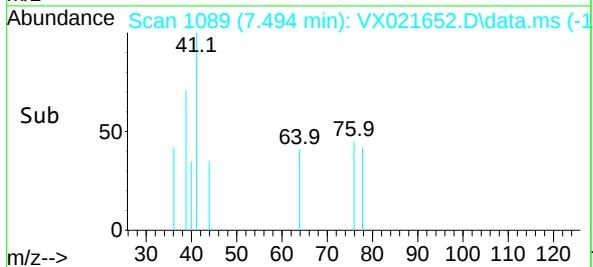
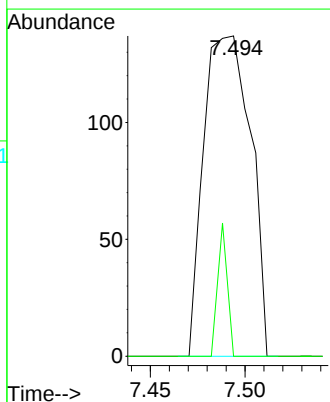
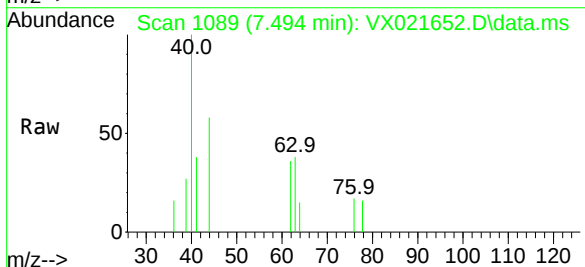
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

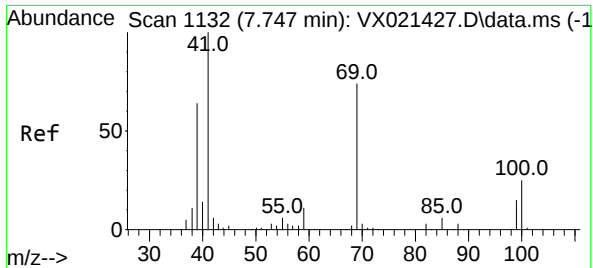
Tgt Ion:130 Resp: 64897
Ion Ratio Lower Upper
130 100
95 107.1 0.0 198.0



#45
1,2-Dichloropropane
Concen: 0.28 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 63 Resp: 236
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

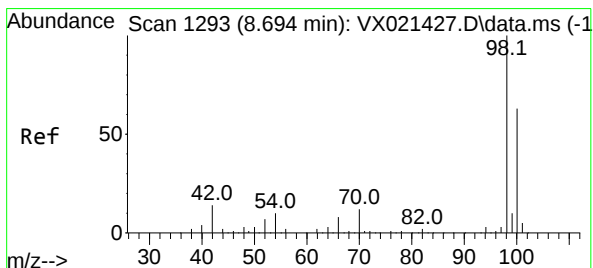
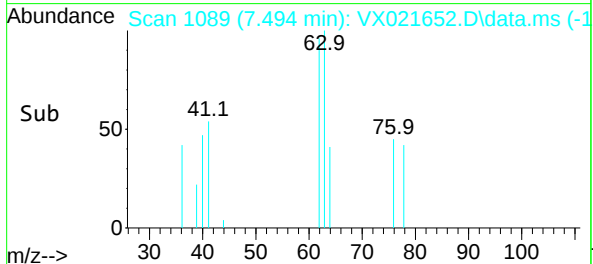
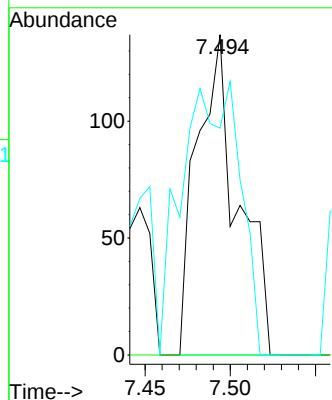
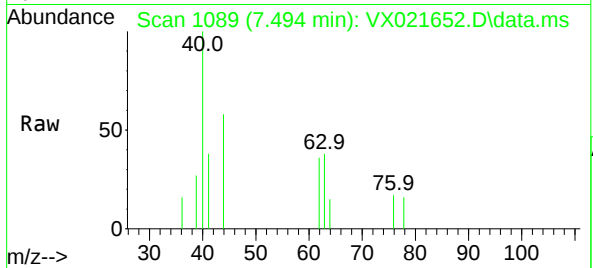




#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. -0.253 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

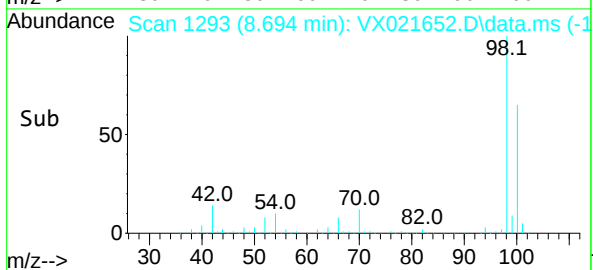
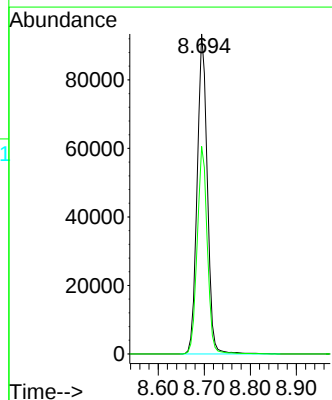
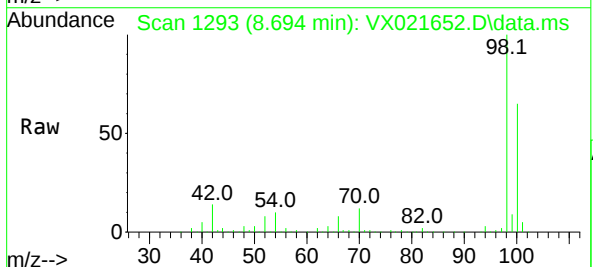
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

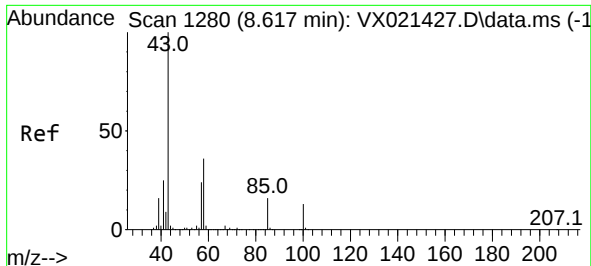
Tgt Ion: 41 Resp: 230
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 120.0 44.6 67.0#



#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 98 Resp: 142728
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

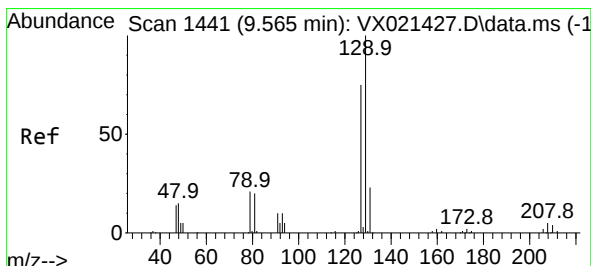
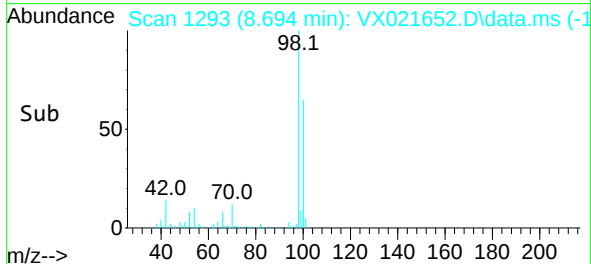
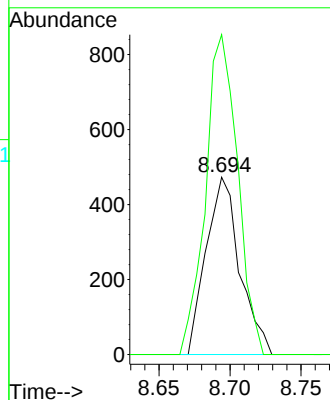
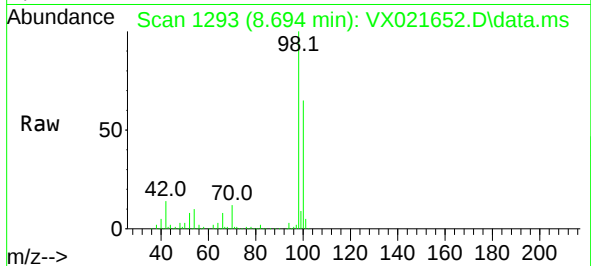




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

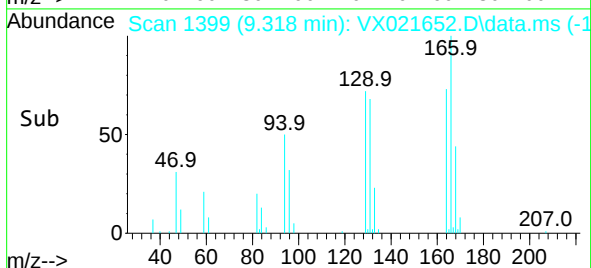
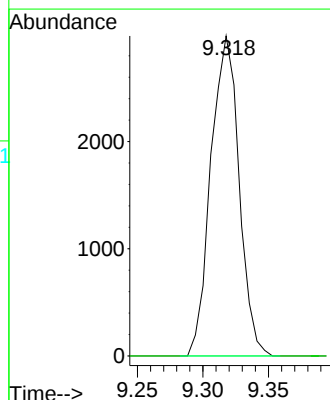
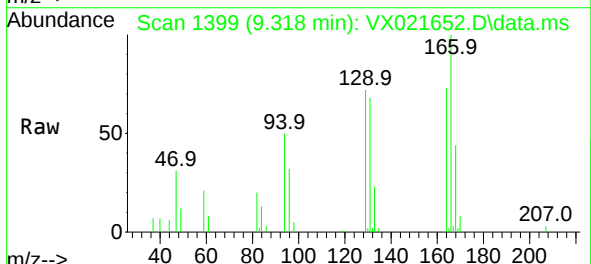
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

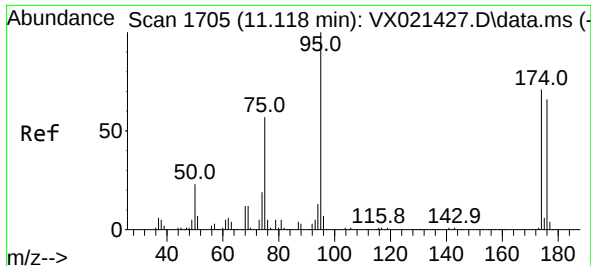
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 172.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.86 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 129 Resp: 4463
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

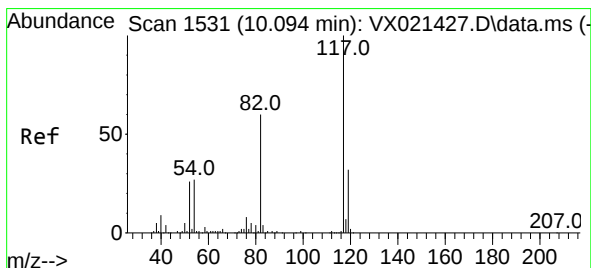
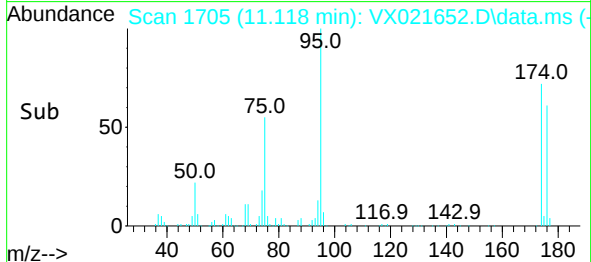
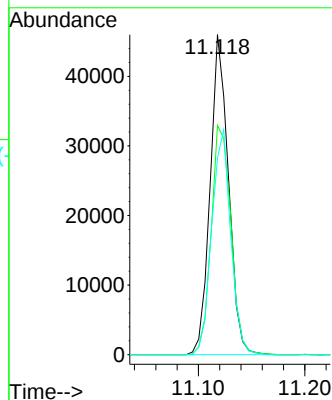
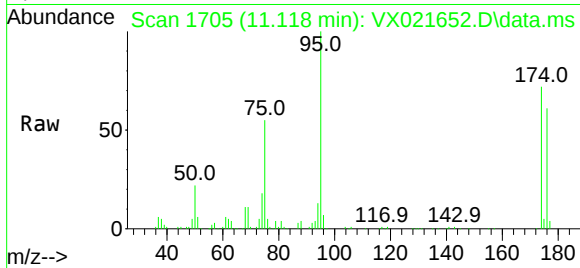




#62
4-Bromofluorobenzene
Concen: 49.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

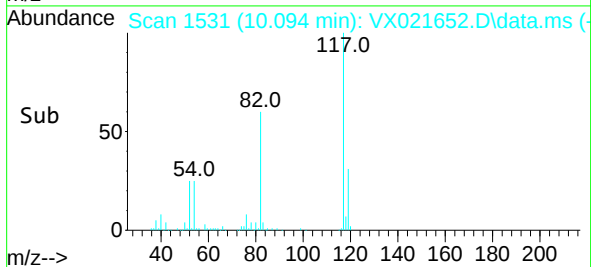
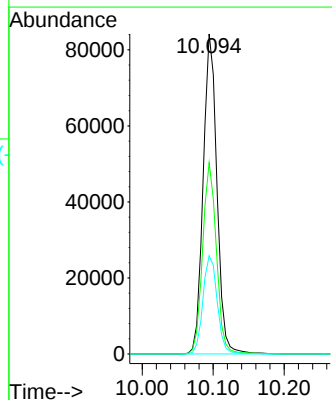
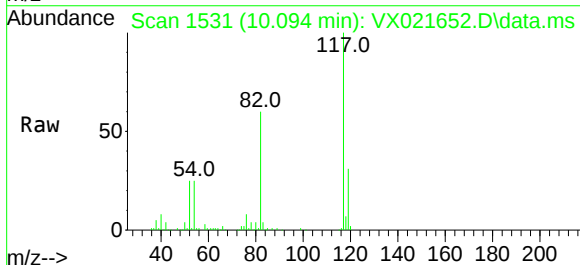
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

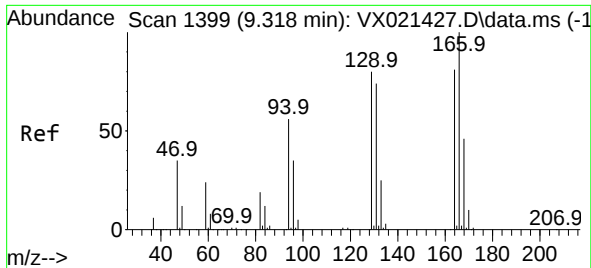
Tgt Ion: 95 Resp: 54803
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 72.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

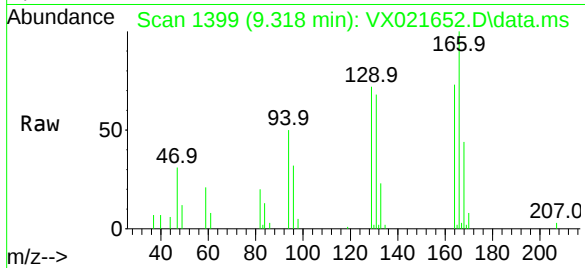
Tgt Ion: 117 Resp: 113776
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 30.7 26.6 39.8



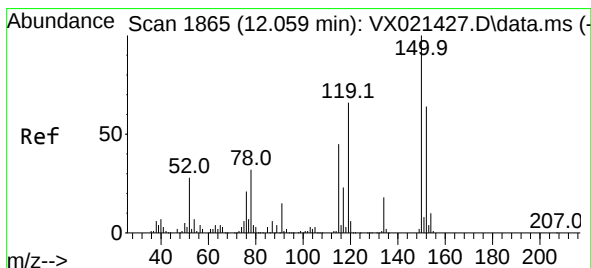
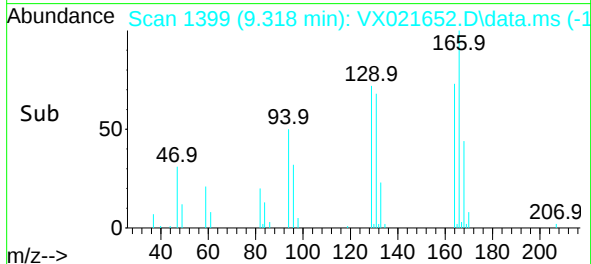
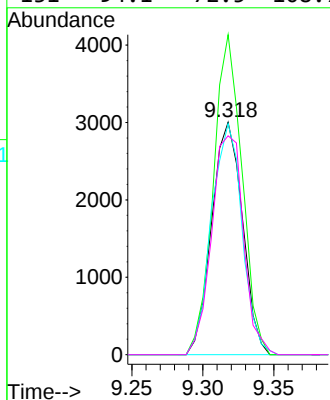


#64
Tetrachloroethene
Concen: 5.93 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

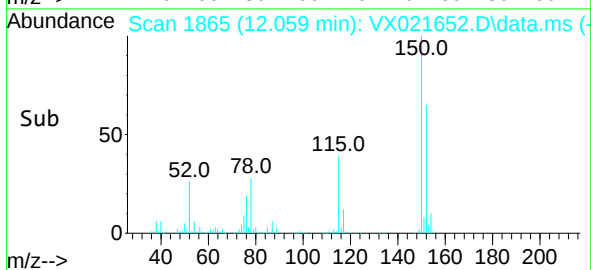
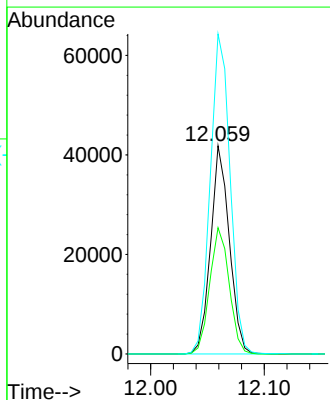
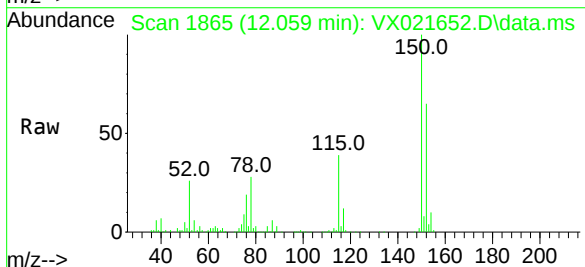


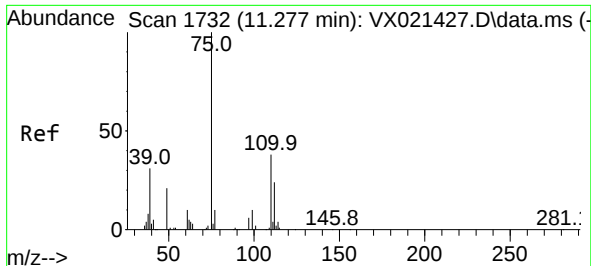
Tgt Ion:	164	Resp:	4523
Ion	Ratio	Lower	Upper
164	100		
166	137.6	103.4	155.2
129	99.3	70.8	106.2
131	94.1	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion:	152	Resp:	48060
Ion	Ratio	Lower	Upper
152	100		
115	62.7	41.1	123.3
150	162.5	0.0	349.0

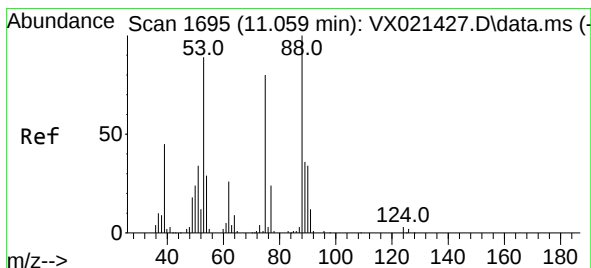
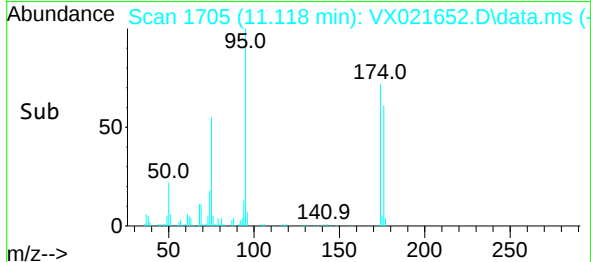
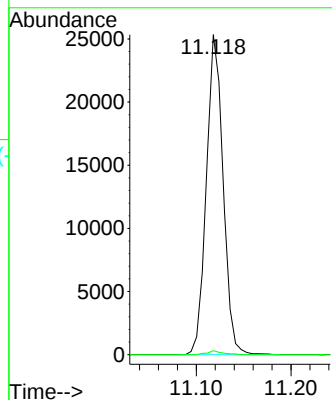
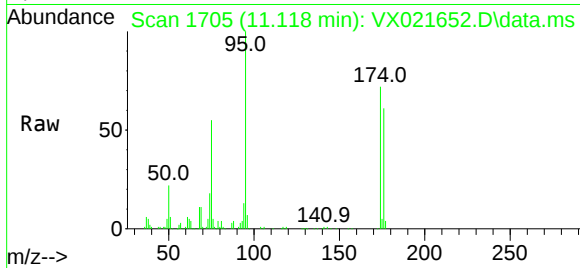




#76
1,2,3-Trichloropropane
Concen: 27.80 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210324DL

Tgt Ion: 75 Resp: 31101
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021652.D
Acq: 31 Mar 2021 00:40

Tgt Ion: 75 Resp: 31101
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

