

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022762.D
 Acq On : 18 Jun 2021 13:02
 Operator : JC/MD
 Sample : M2750-21DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210616DL

Quant Time: Jun 19 01:43:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

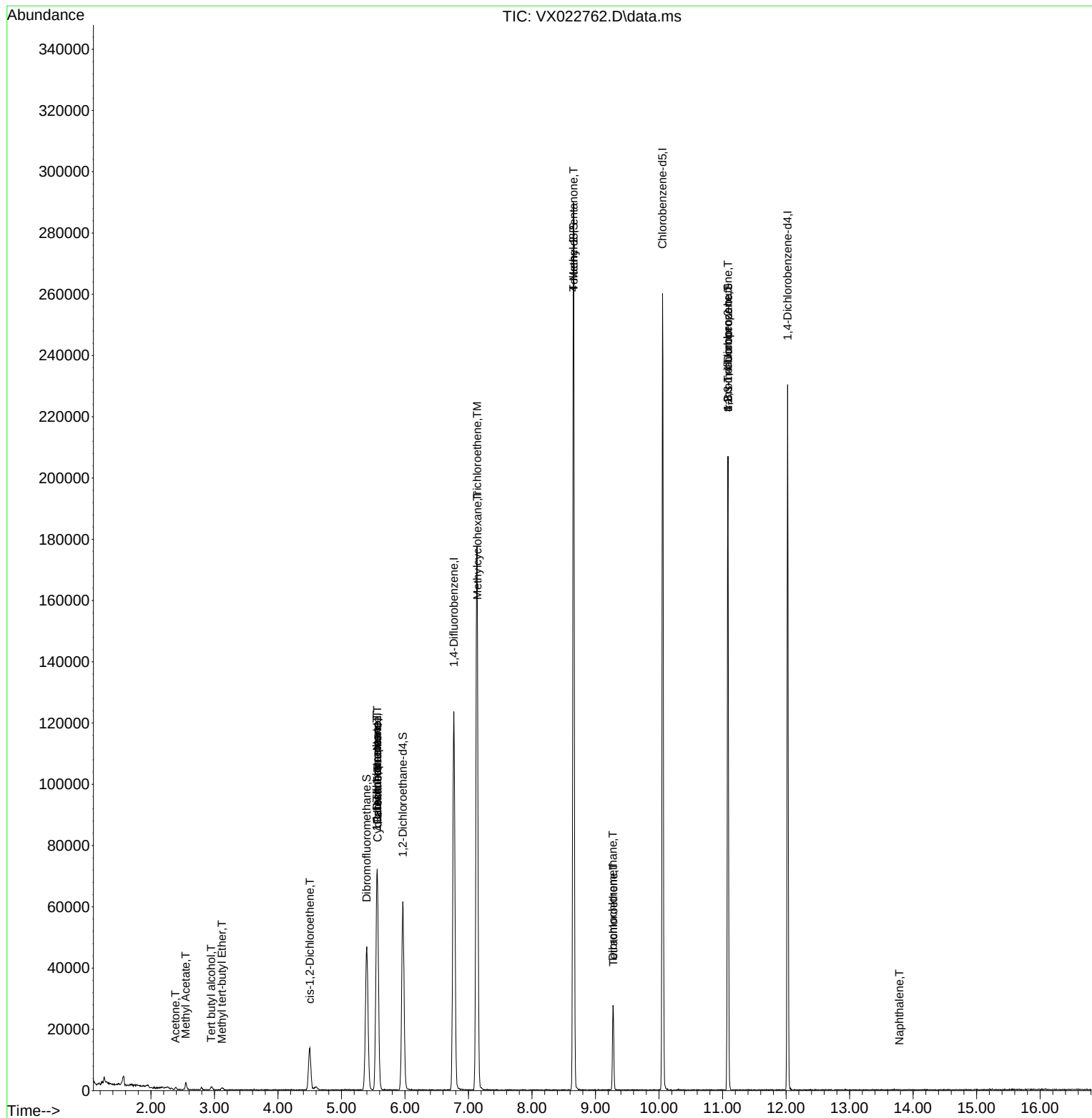
Internal Standards						
1) Pentafluorobenzene	5.562	168	60741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	121570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56070	51.327	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.397	113	39665	51.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	8.653	98	160016	52.333	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.085	95	54544	47.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.340%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	330	1.305	ug/l	# 73
16) Acetone	2.386	43	690	1.411	ug/l	88
18) Methyl Acetate	2.544	43	765	0.520	ug/l	# 47
19) Methyl tert-butyl Ether	3.117	73	689	0.269	ug/l	# 69
27) cis-1,2-Dichloroethene	4.501	96	7826	7.860	ug/l	97
31) Cyclohexane	5.568	56	1894	1.437	ug/l	# 46
32) 1,1,1-Trichloroethane	5.556	97	19	0.920	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6095	5.032	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	7003	6.759	ug/l	# 15
39) Methylcyclohexane	7.141	83	985	0.779	ug/l	# 15
44) Trichloroethene	7.135	130	63540	75.109	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	902	0.584	ug/l	# 1
60) Dibromochloromethane	9.275	129	4879	8.238	ug/l	# 11
64) Tetrachloroethene	9.281	164	4432	6.534	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	29750	27.857	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29750	69.455	ug/l	# 12
95) Naphthalene	13.786	128	70	1.494	ug/l	# 69

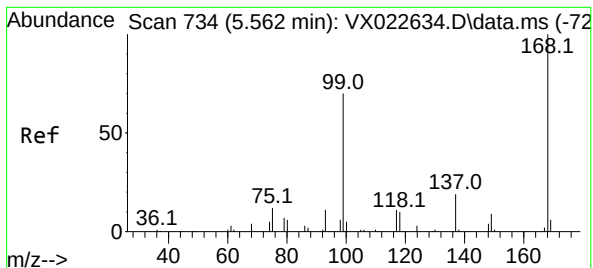
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 01:43:22 2021
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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX022762.D

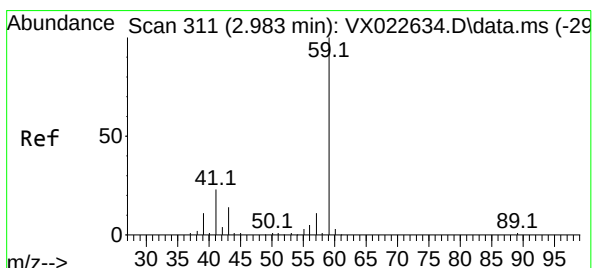
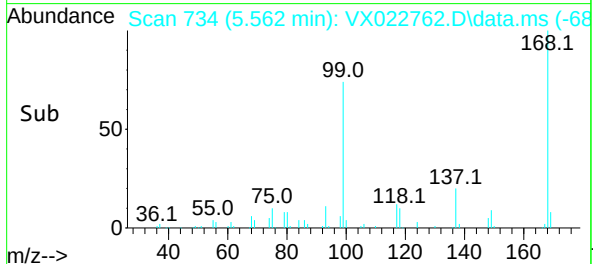
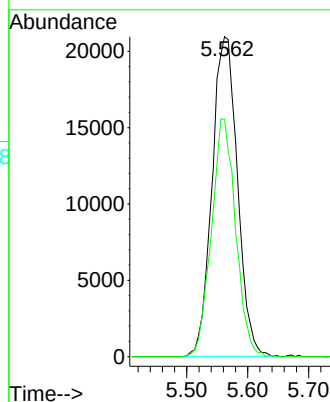
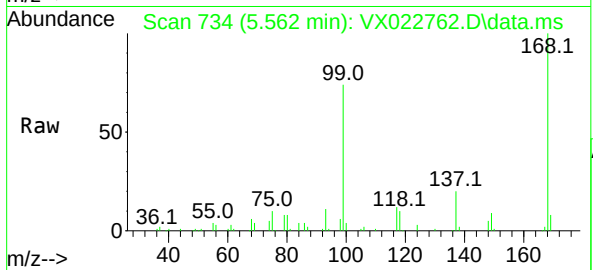
Acq: 18 Jun 2021 13:02

Tgt Ion:168 Resp: 60741

Ion Ratio Lower Upper

168 100

99 74.2 45.8 68.6#



#11

Tert butyl alcohol

Concen: 1.305 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX022762.D

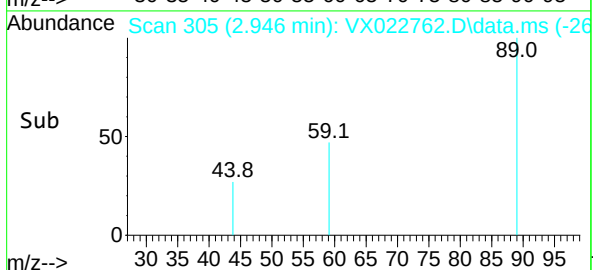
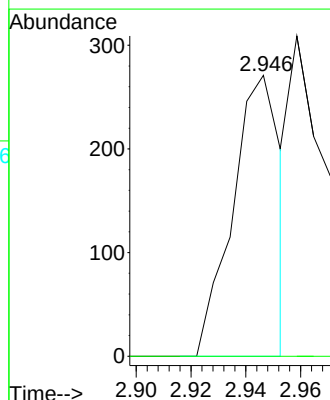
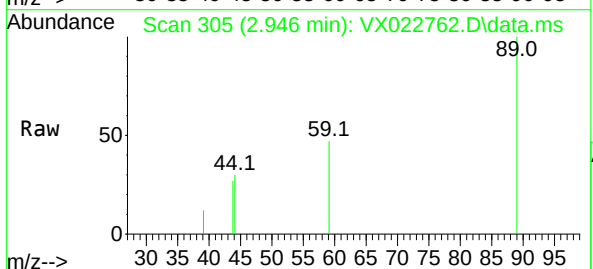
Acq: 18 Jun 2021 13:02

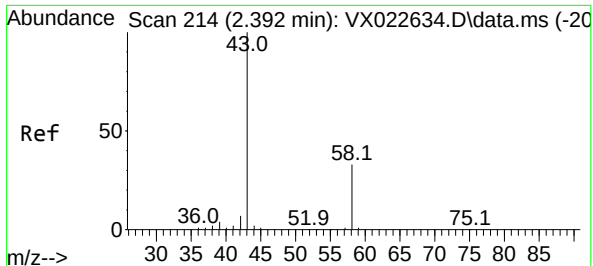
Tgt Ion: 59 Resp: 330

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

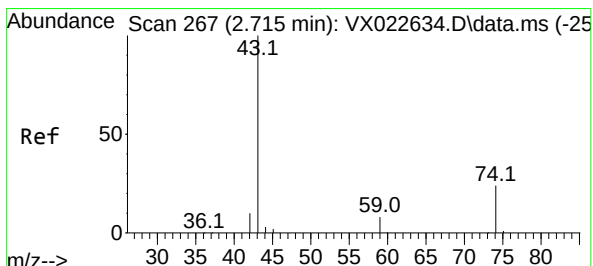
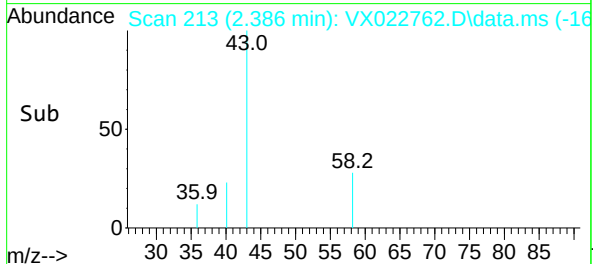
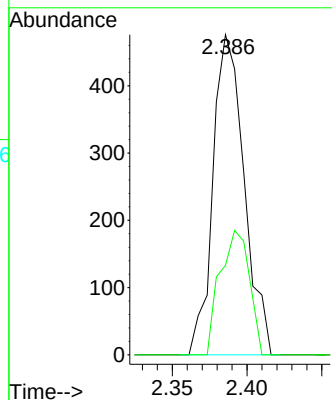
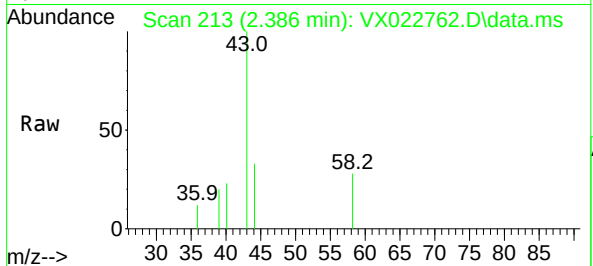




#16
Acetone
Concen: 1.411 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

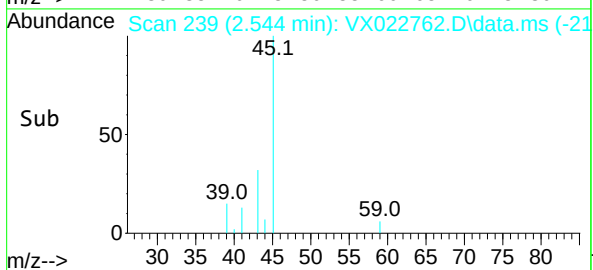
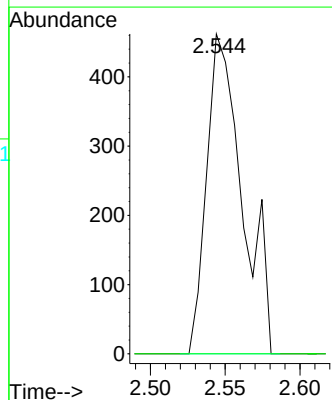
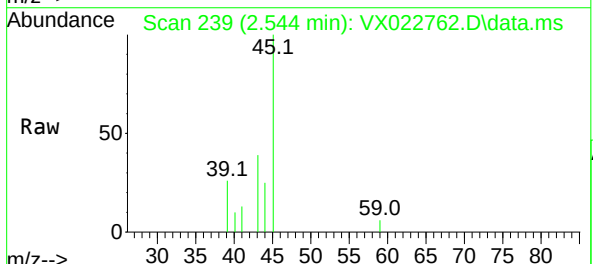
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

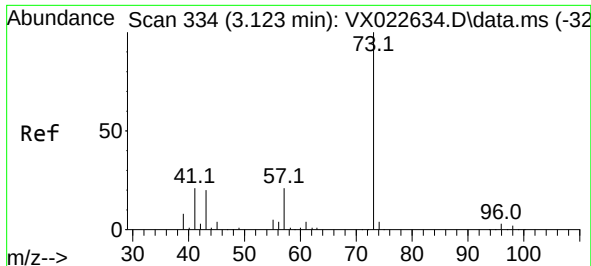
Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.520 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

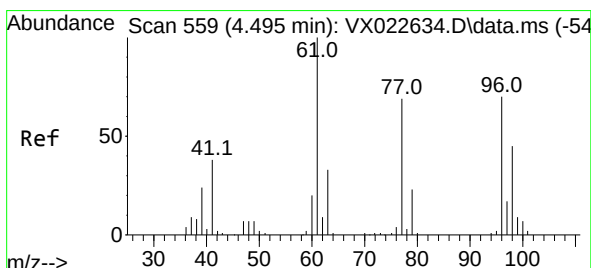
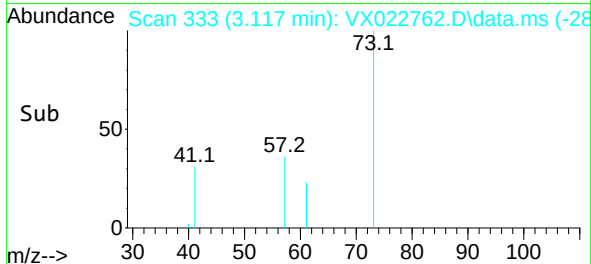
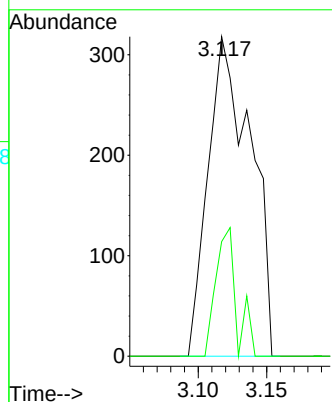
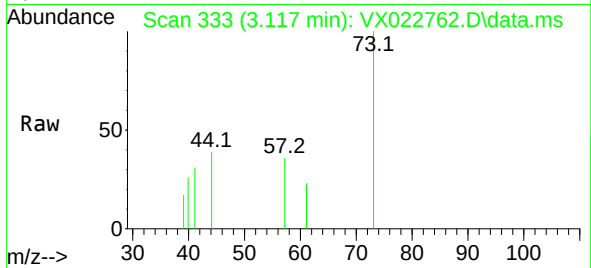




#19
Methyl tert-butyl Ether
Concen: 0.269 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

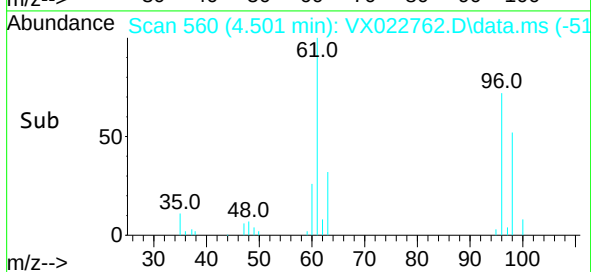
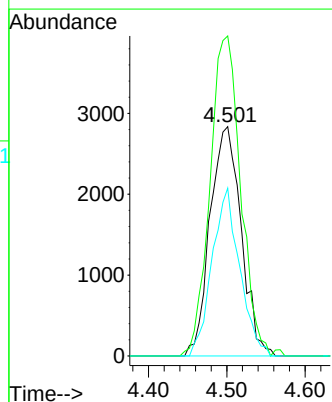
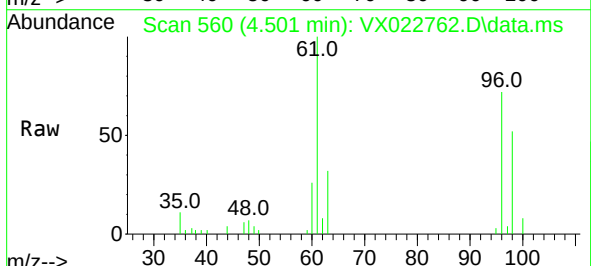
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

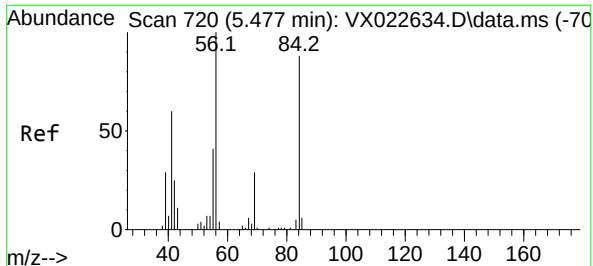
Tgt Ion: 73 Resp: 689
Ion Ratio Lower Upper
73 100
57 35.8 17.1 25.7#



#27
cis-1,2-Dichloroethene
Concen: 7.860 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

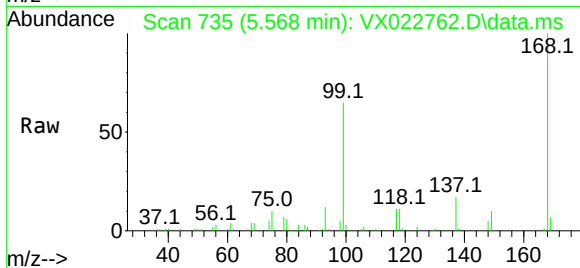
Tgt Ion: 96 Resp: 7826
Ion Ratio Lower Upper
96 100
61 138.1 0.0 285.6
98 64.9 0.0 129.6



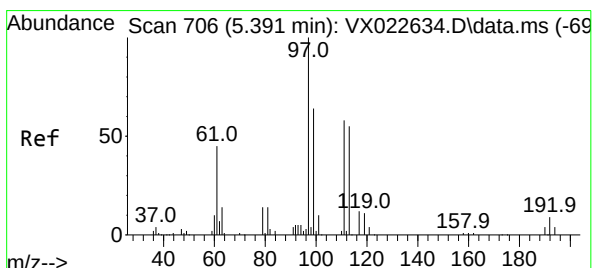
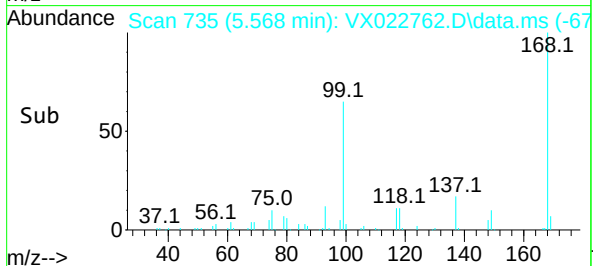
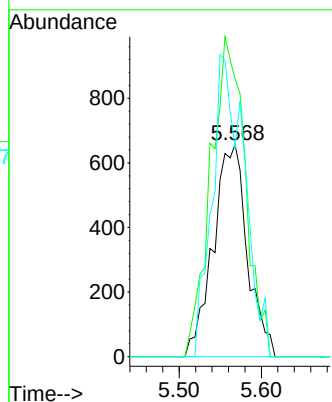


#31
Cyclohexane
Concen: 1.437 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

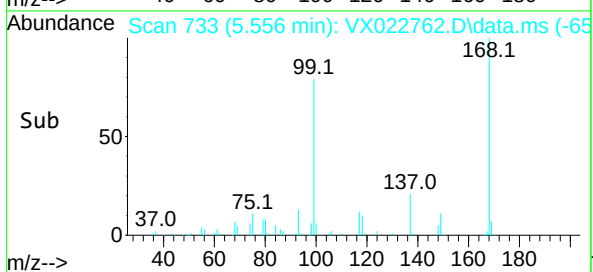
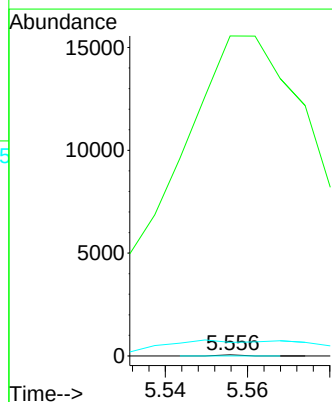
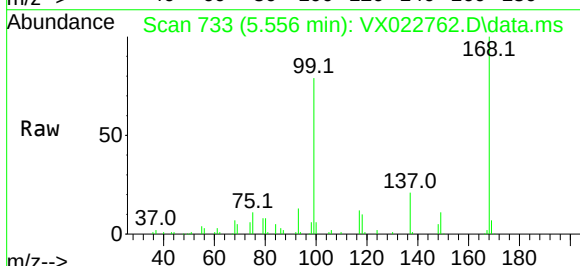


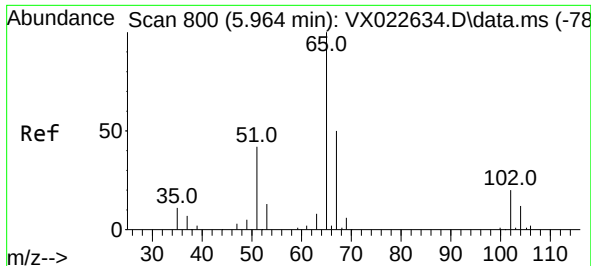
Tgt Ion: 56 Resp: 1894
Ion Ratio Lower Upper
56 100
69 131.1 25.3 37.9#
84 98.8 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.920 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.165 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 97 Resp: 19
Ion Ratio Lower Upper
97 100
99 225931.6 51.5 77.3#
61 11478.9 34.2 51.4#



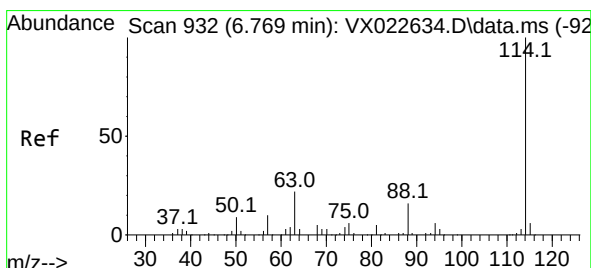
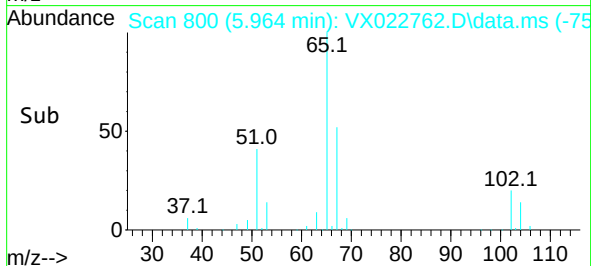
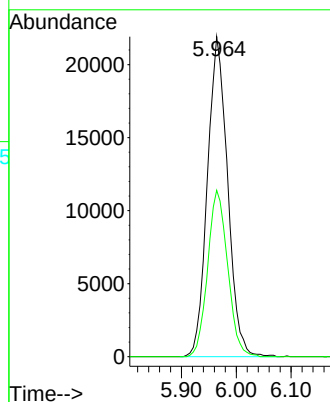
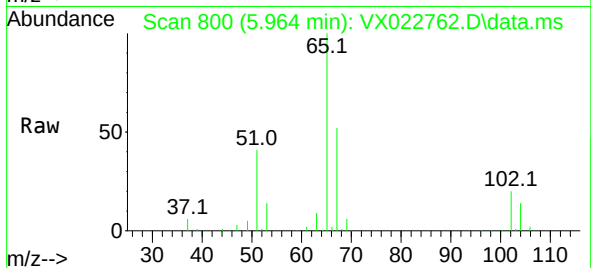


#33

1,2-Dichloroethane-d4
Concen: 51.327 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

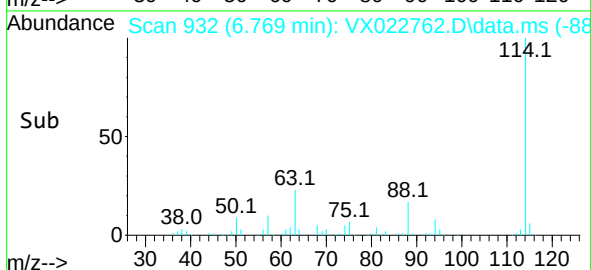
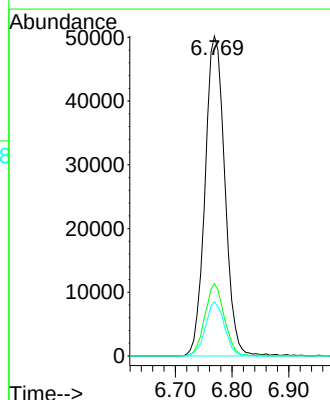
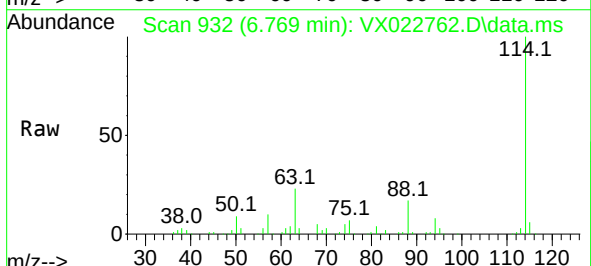
Tgt Ion: 65 Resp: 56070
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

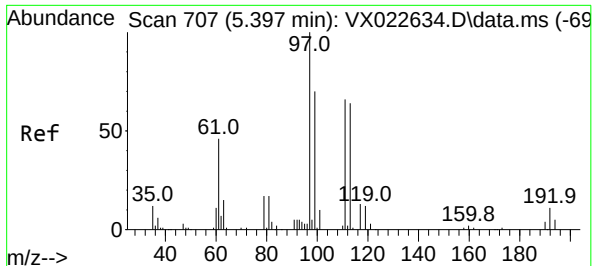


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 114 Resp: 121570
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.138 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022762.D

Acq: 18 Jun 2021 13:02

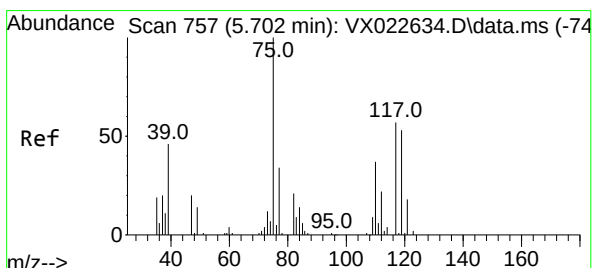
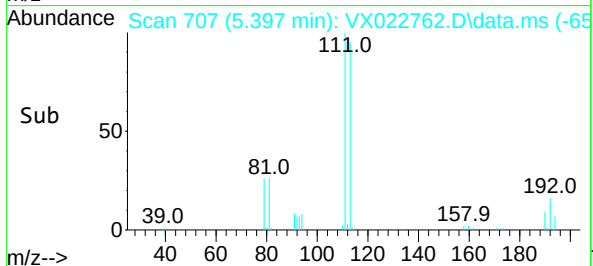
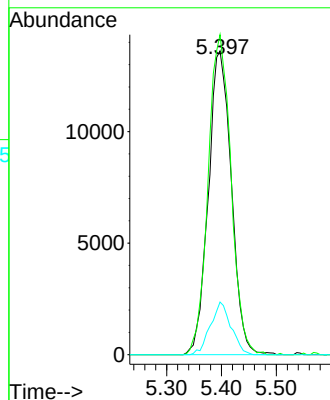
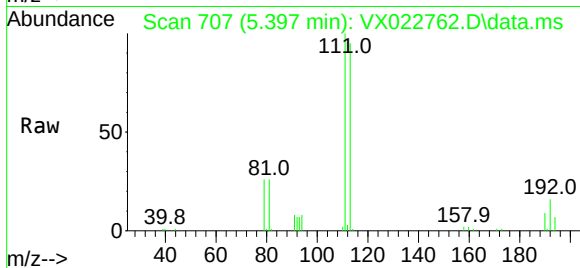
Tgt Ion:113 Resp: 39665

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022762.D

Acq: 18 Jun 2021 13:02

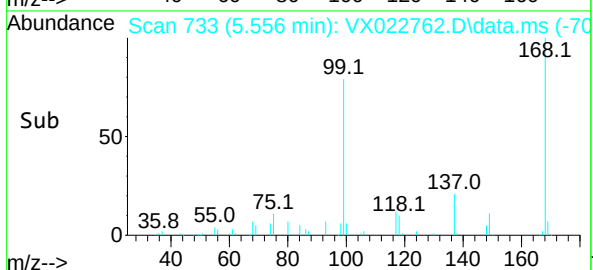
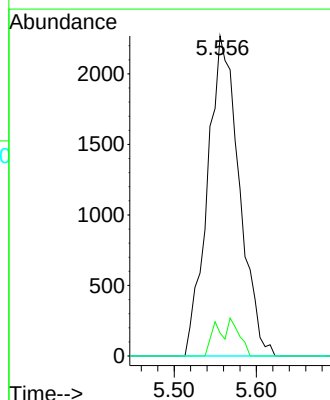
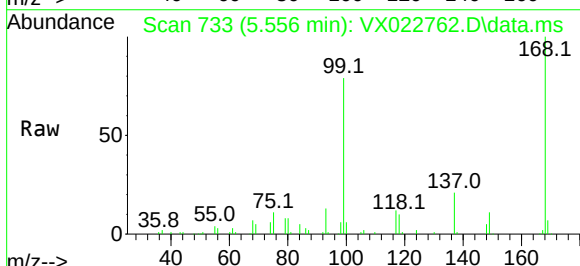
Tgt Ion: 75 Resp: 6095

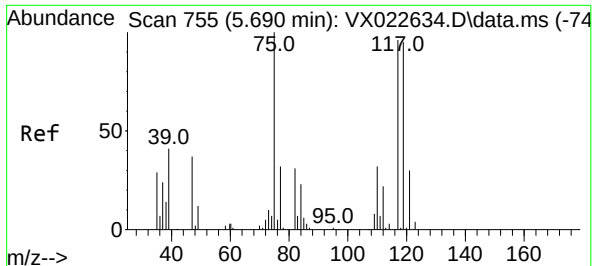
Ion Ratio Lower Upper

75 100

110 3.9 18.1 54.4#

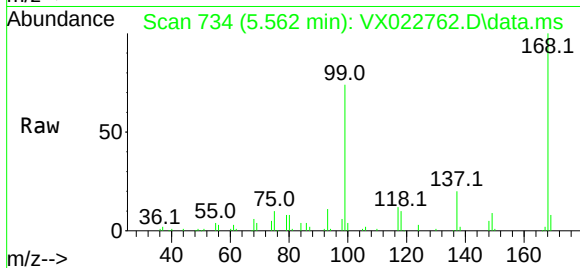
77 0.0 25.3 37.9#



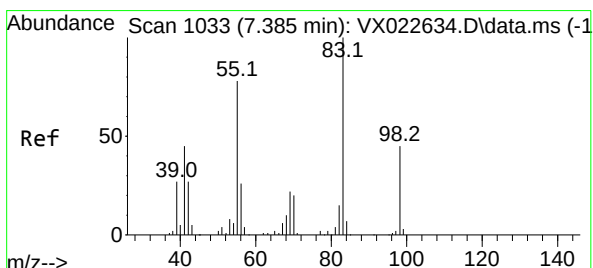
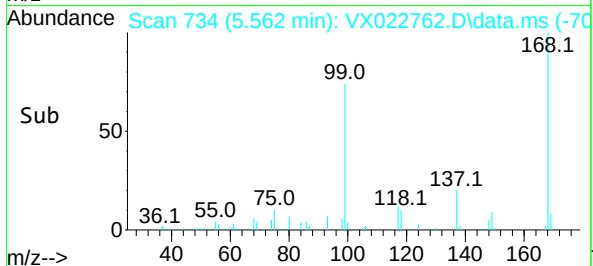
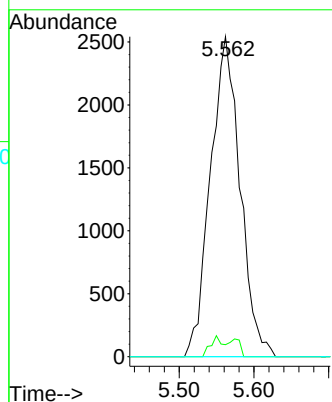


#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

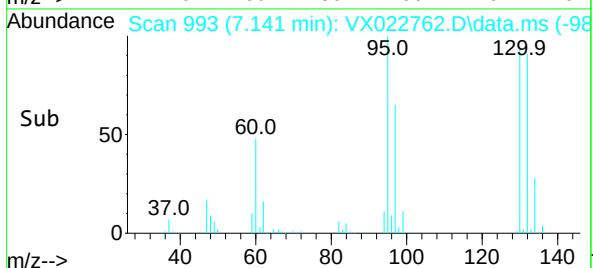
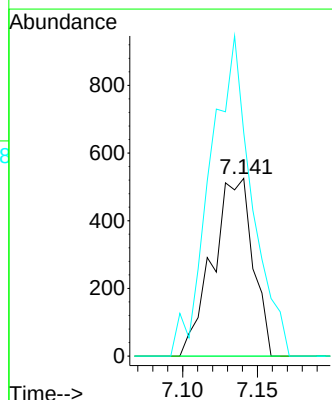
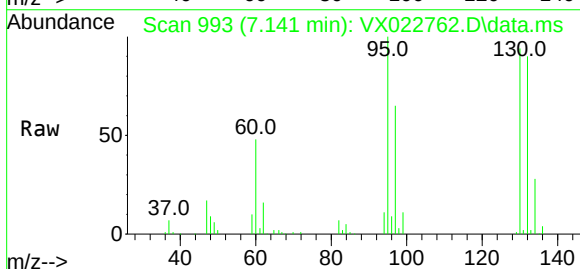


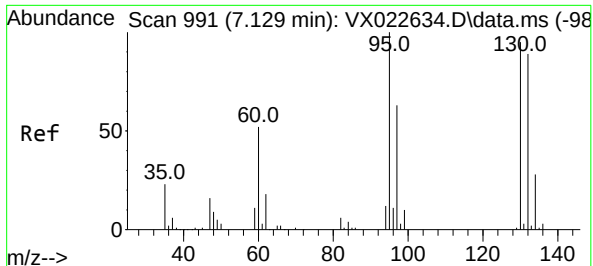
Tgt Ion: 117 Resp: 7003
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.779 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 83 Resp: 985
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 101.9 38.1 57.1#

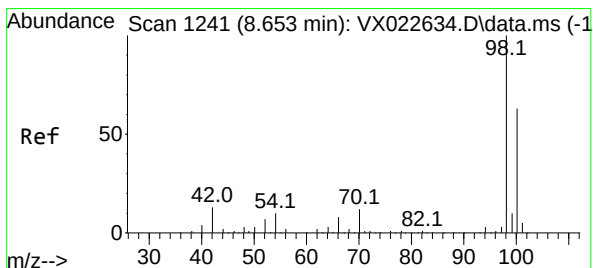
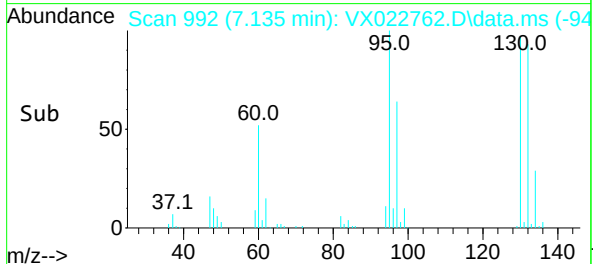
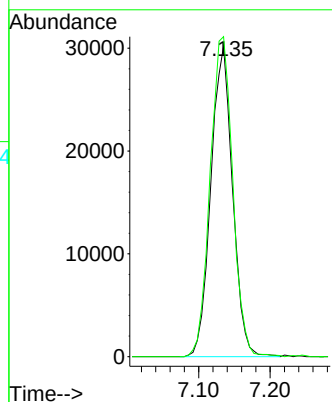
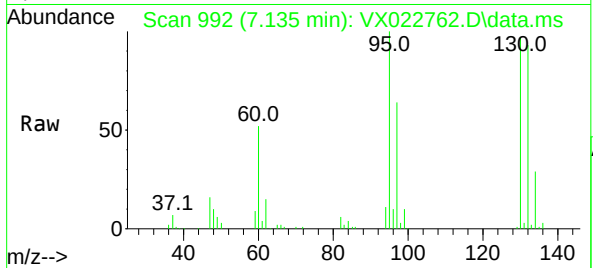




#44
 Trichloroethene
 Concen: 75.109 ug/l
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX022762.D
 Acq: 18 Jun 2021 13:02

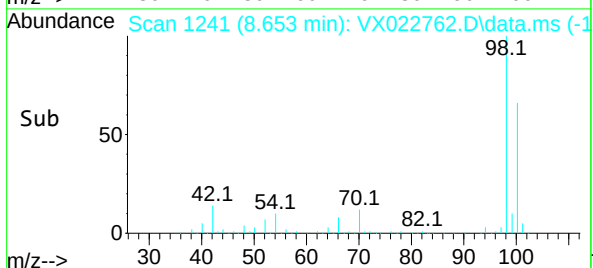
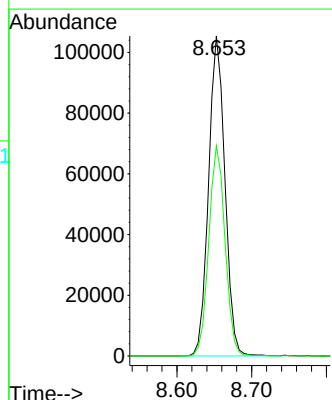
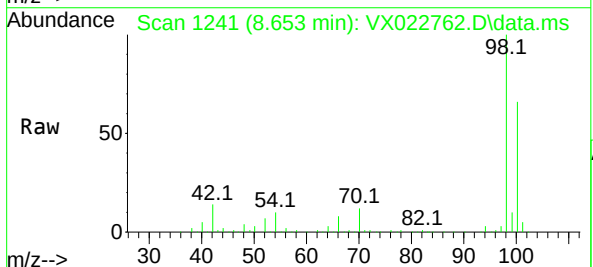
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210616DL

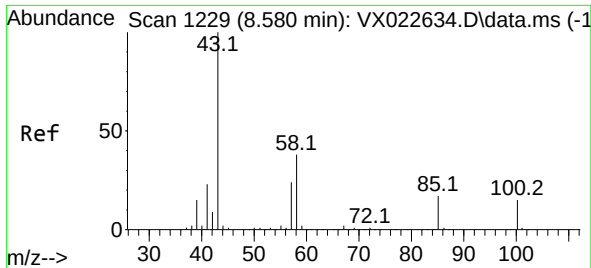
Tgt Ion:130 Resp: 63540
 Ion Ratio Lower Upper
 130 100
 95 103.1 0.0 198.0



#50
 Toluene-d8
 Concen: 52.333 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX022762.D
 Acq: 18 Jun 2021 13:02

Tgt Ion: 98 Resp: 160016
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.9 77.9

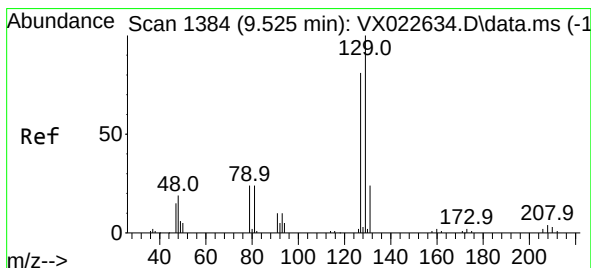
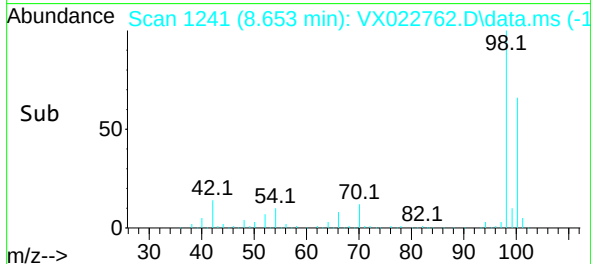
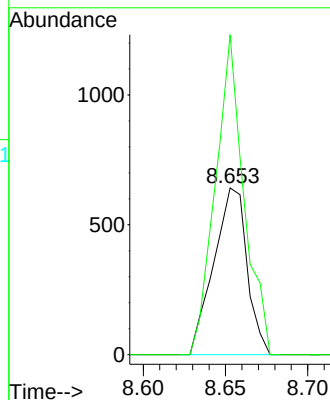
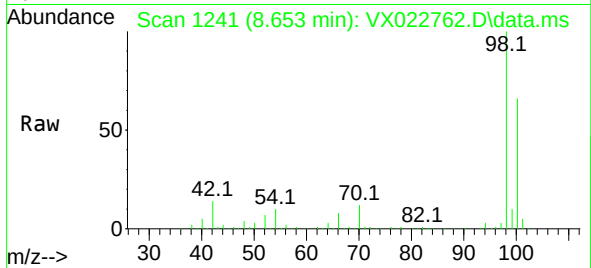




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

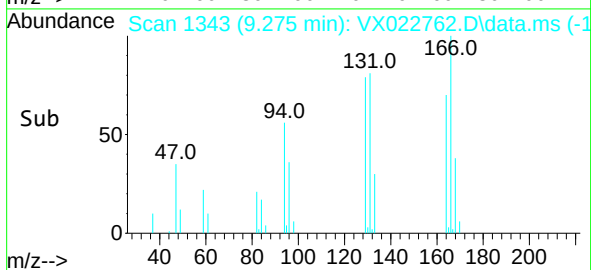
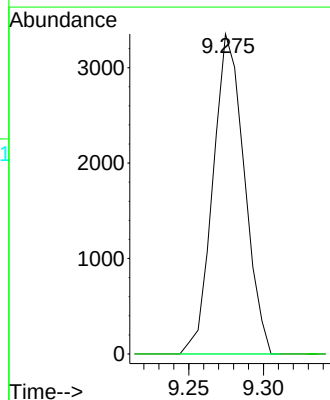
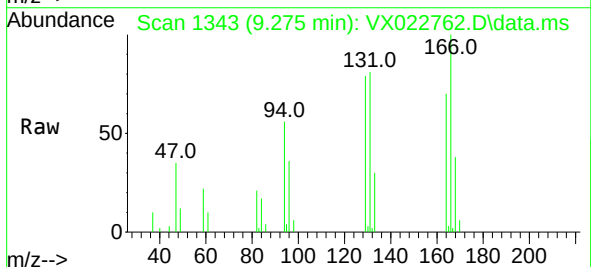
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

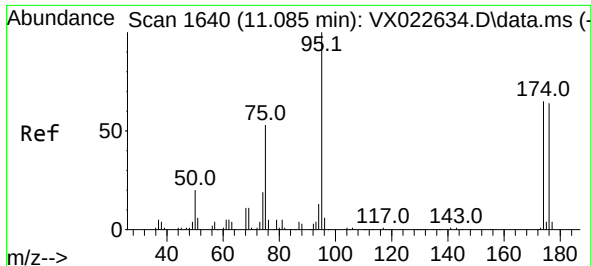
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 164.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 8.238 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 129 Resp: 4879
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

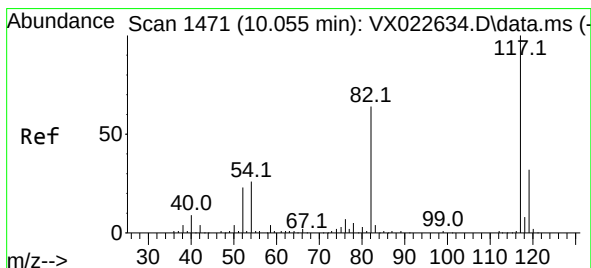
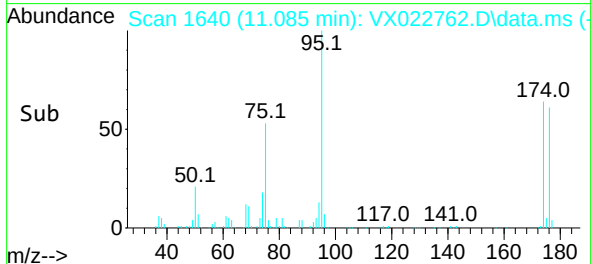
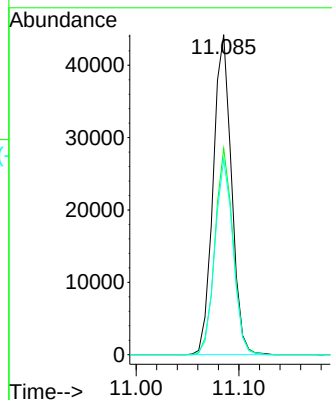
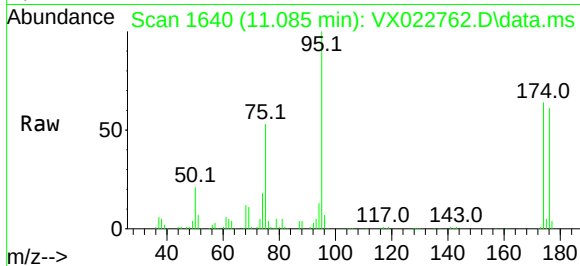




#62
4-Bromofluorobenzene
Concen: 47.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

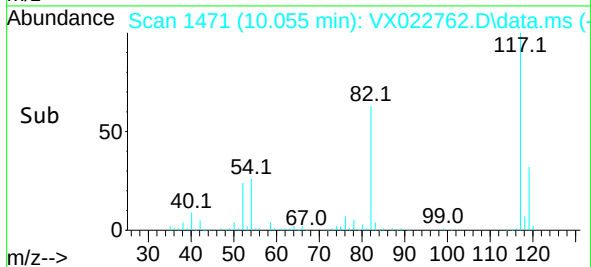
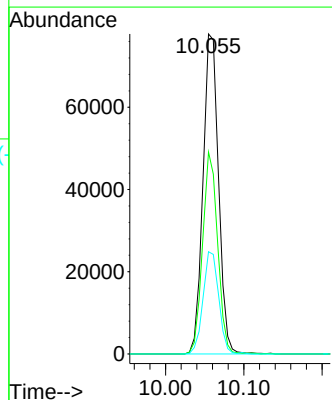
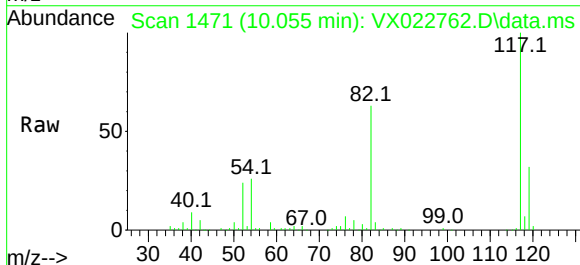
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

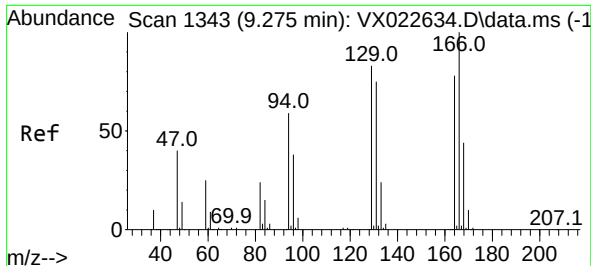
Tgt Ion: 95 Resp: 54544
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 117 Resp: 107265
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 32.0 26.6 39.8



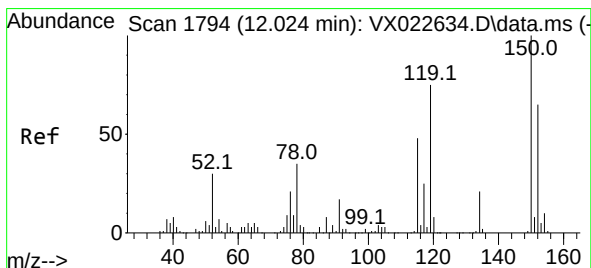
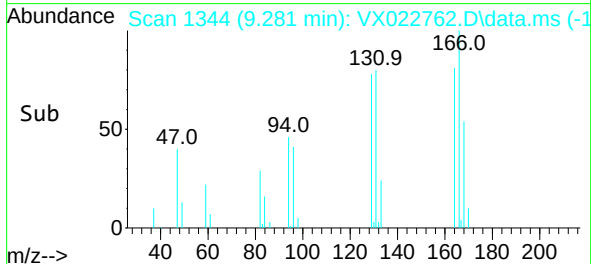
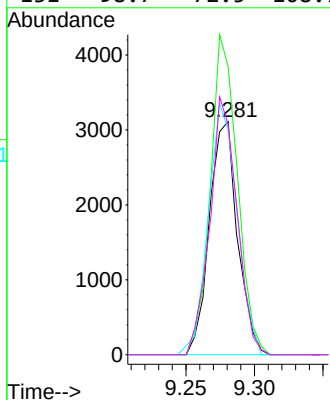
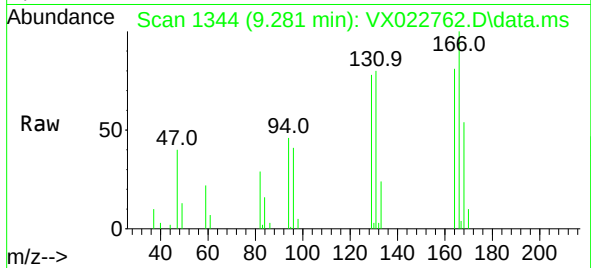


#64
Tetrachloroethene
Concen: 6.534 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

Tgt Ion:164 Resp: 4432

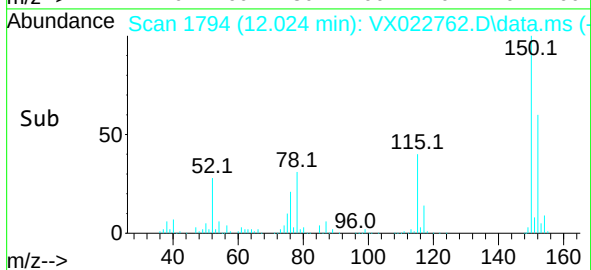
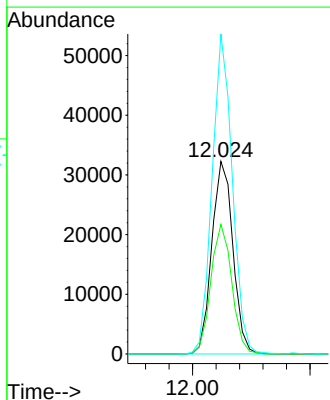
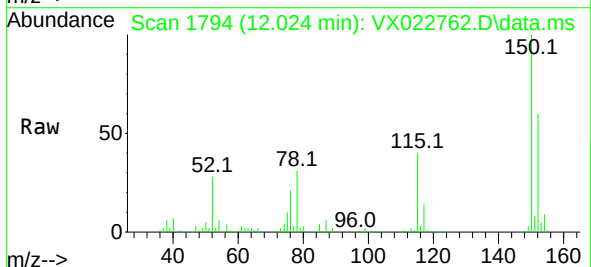
Ion	Ratio	Lower	Upper
164	100		
166	123.6	103.4	155.2
129	96.5	70.8	106.2
131	98.7	72.5	108.7

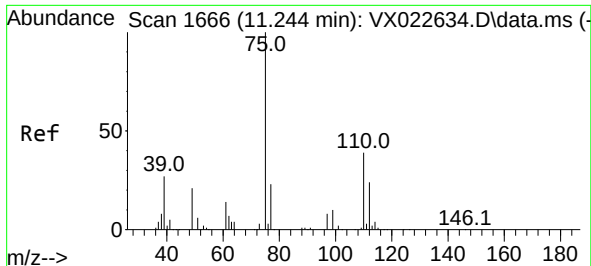


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion:152 Resp: 40279

Ion	Ratio	Lower	Upper
152	100		
115	66.7	41.1	123.3
150	159.2	0.0	349.0

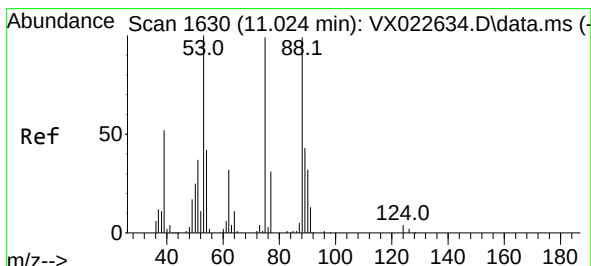
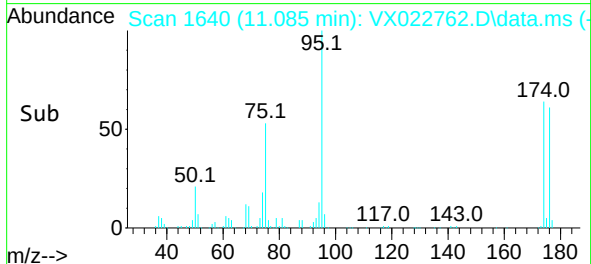
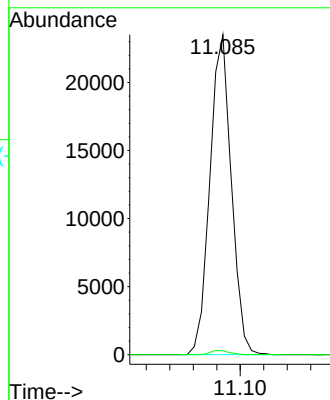
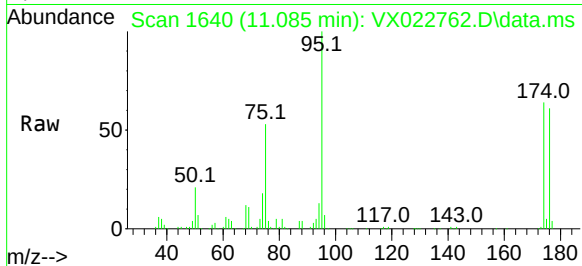




#76
1,2,3-Trichloropropane
Concen: 27.857 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

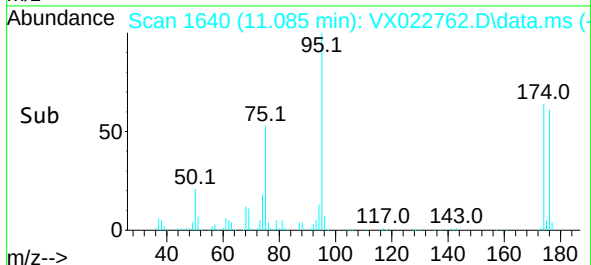
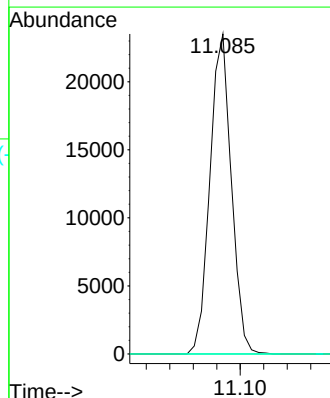
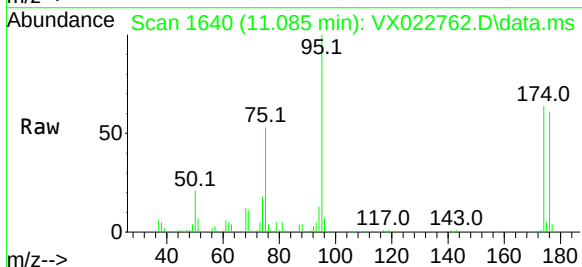
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

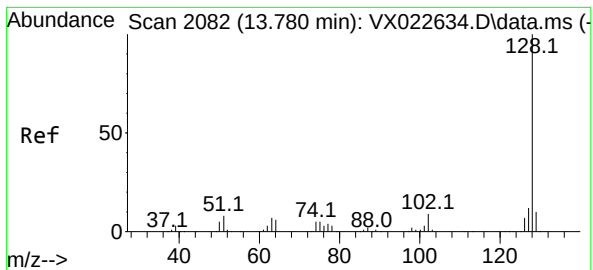
Tgt Ion: 75 Resp: 29750
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.455 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Tgt Ion: 75 Resp: 29750
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.494 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022762.D
Acq: 18 Jun 2021 13:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616DL

Tgt Ion:128 Resp: 70
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

