

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022748.D
 Acq On : 17 Jun 2021 18:13
 Operator : JC/MD
 Sample : M2750-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210616

Quant Time: Jun 18 01:18:40 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)

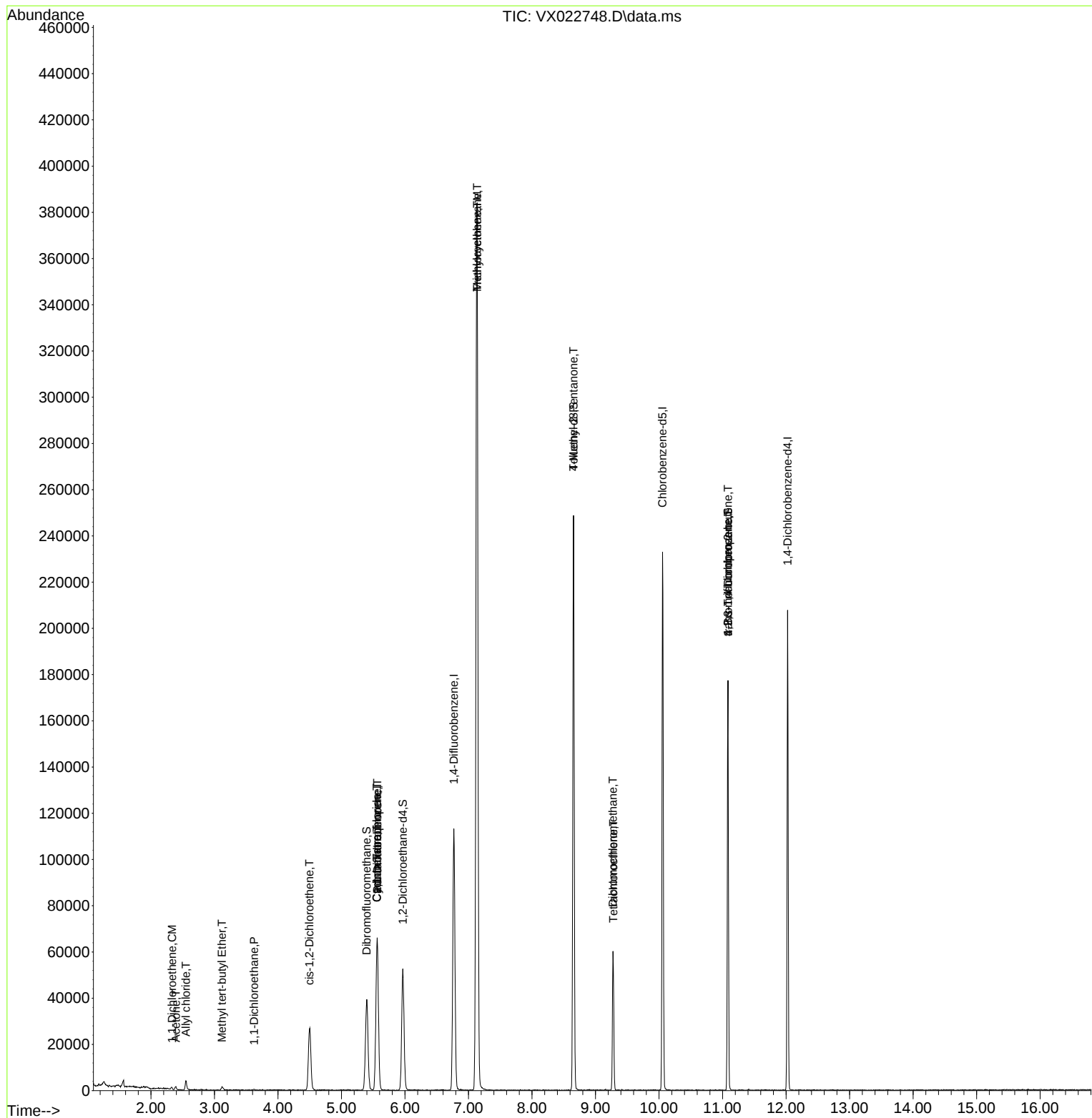
Internal Standards						
1) Pentafluorobenzene	5.562	168	54465	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46719	47.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.38%		
35) Dibromofluoromethane	5.397	113	33145	47.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.60%		
50) Toluene-d8	8.653	98	136202	49.30	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.60%		
62) 4-Bromofluorobenzene	11.085	95	46203	44.22	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.44%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.331	96	443	0.67	ug/l #	49
14) Allyl chloride	2.550	41	490	0.38	ug/l #	23
16) Acetone	2.392	43	1376	3.14	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1500	0.65	ug/l	98
20) Methylene Chloride	2.800	84	160	Below Cal	#	65
24) 1,1-Dichloroethane	3.623	63	398	0.27	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	16652	18.65	ug/l	93
31) Cyclohexane	5.556	56	1697	1.44	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5497	5.02	ug/l #	45
38) Carbon Tetrachloride	5.556	117	6488	6.93	ug/l #	15
39) Methylcyclohexane	7.135	83	2062	1.81	ug/l #	1
44) Trichloroethene	7.135	130	133048	174.07	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	631	0.45	ug/l #	1
60) Dibromochloromethane	9.275	129	10440	15.18	ug/l #	11
64) Tetrachloroethene	9.281	164	9568	15.54	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	25356	26.27	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25356	65.84	ug/l #	12

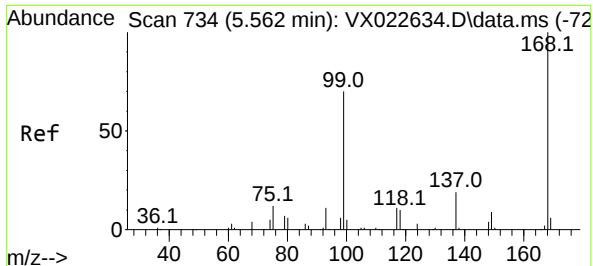
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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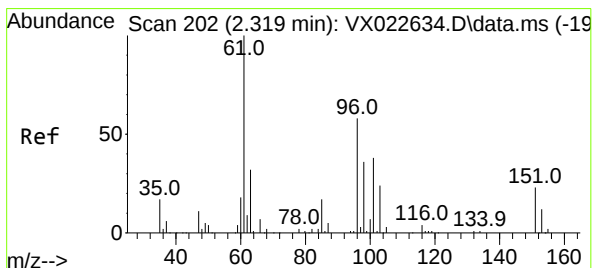
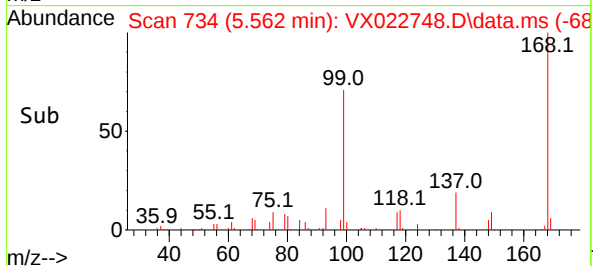
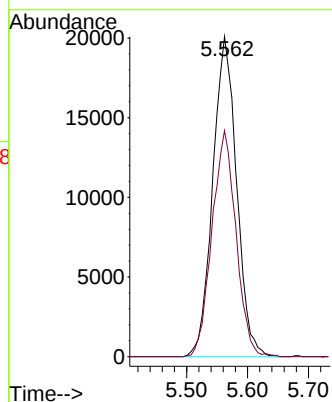
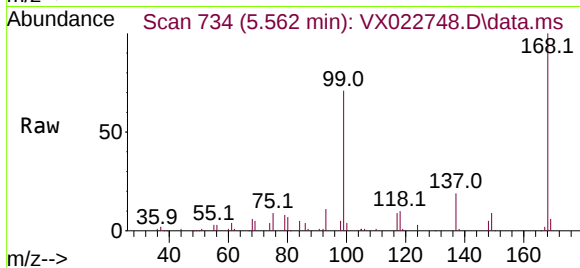




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

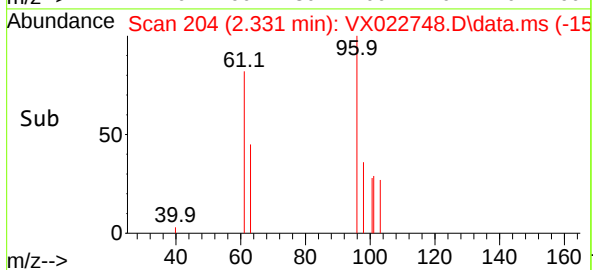
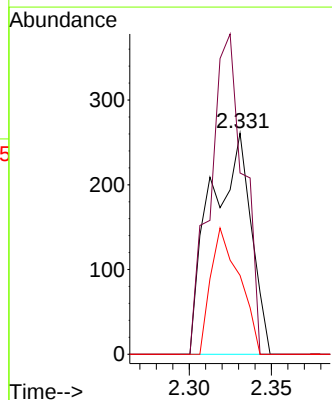
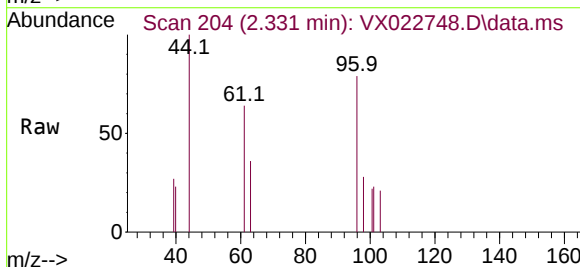
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

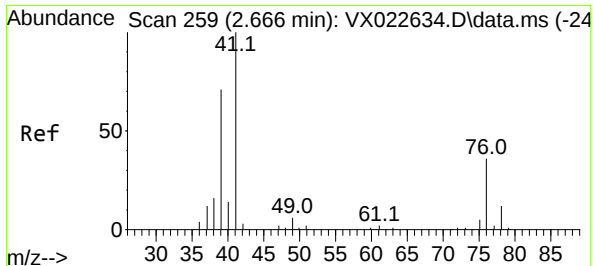
Tgt Ion:168 Resp: 54465
Ion Ratio Lower Upper
168 100
99 70.6 45.8 68.6#



#12
1,1-Dichloroethene
Concen: 0.67 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 82.0 124.6 187.0#
98 35.6 50.6 76.0#





#14

Allyl chloride

Concen: 0.38 ug/l

RT: 2.550 min Scan# 240

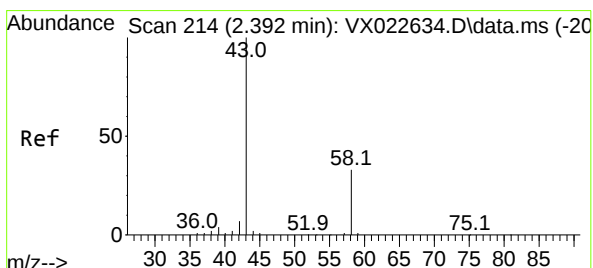
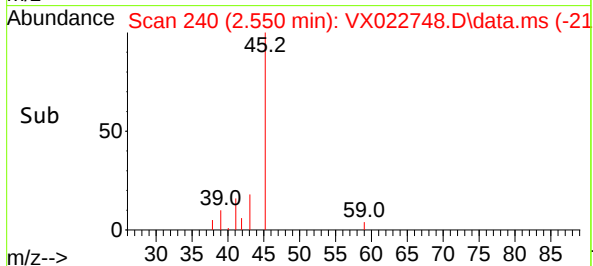
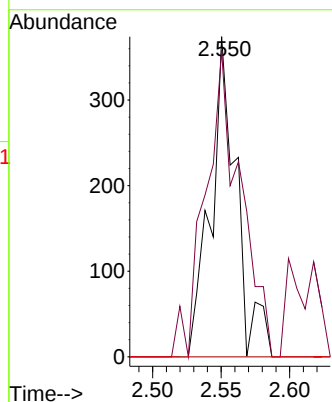
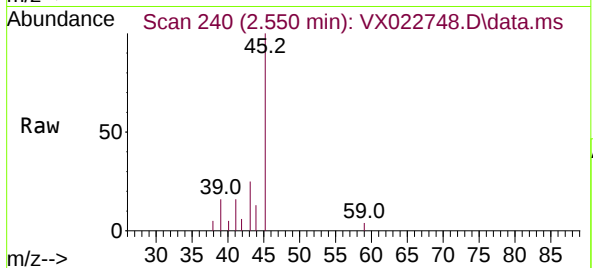
Delta R.T. -0.116 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

Tgt Ion: 41	Resp: 490
Ion Ratio	Lower Upper
41 100	
39 130.8	51.6 77.4#
76 0.0	30.5 45.7#

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616



#16

Acetone

Concen: 3.14 ug/l

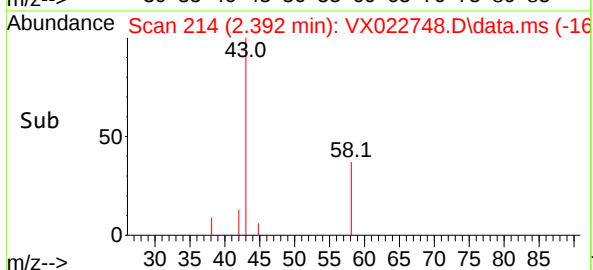
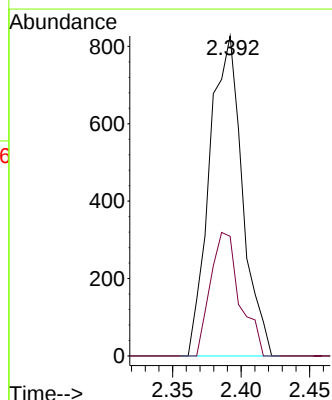
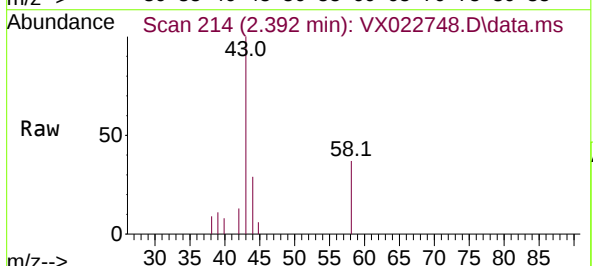
RT: 2.392 min Scan# 214

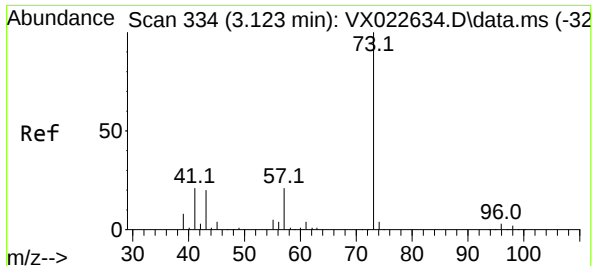
Delta R.T. -0.000 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

Tgt Ion: 43	Resp: 1376
Ion Ratio	Lower Upper
43 100	
58 37.4	27.8 41.8



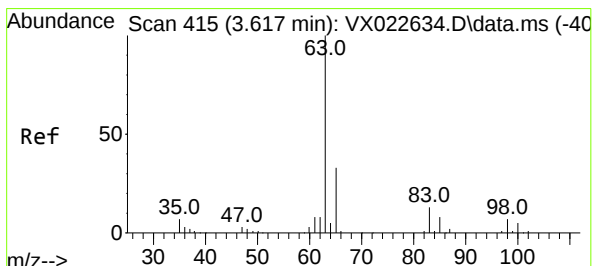
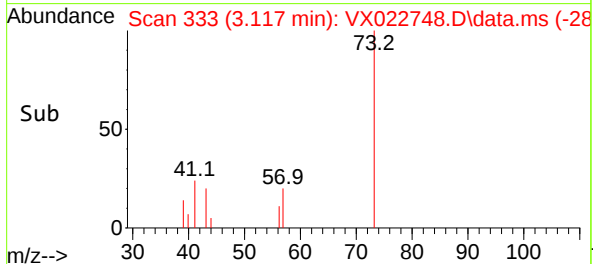
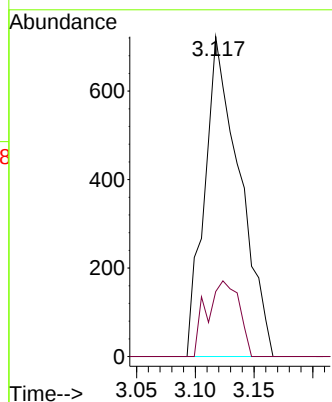
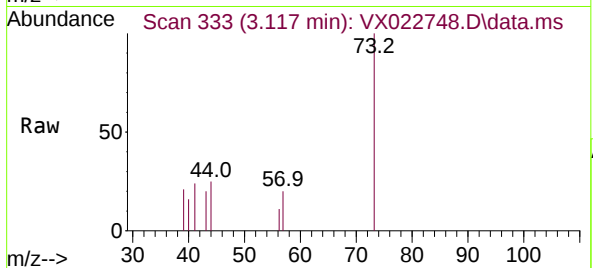


#19

Methyl tert-butyl Ether
Concen: 0.65 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

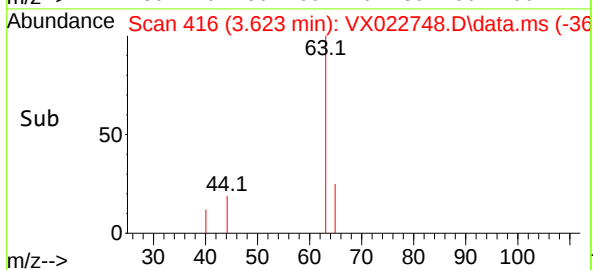
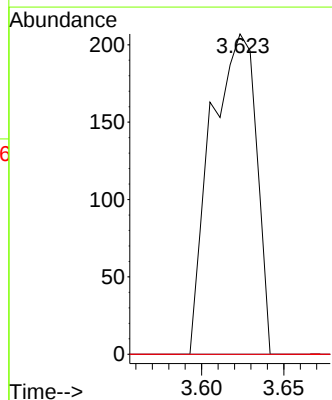
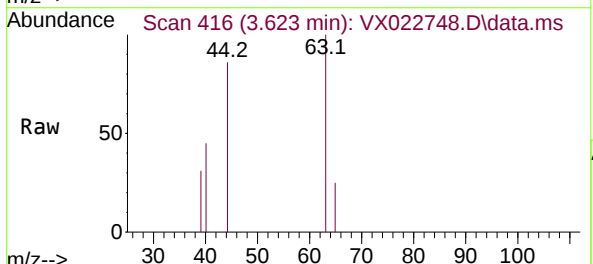
Tgt Ion: 73 Resp: 1500
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7

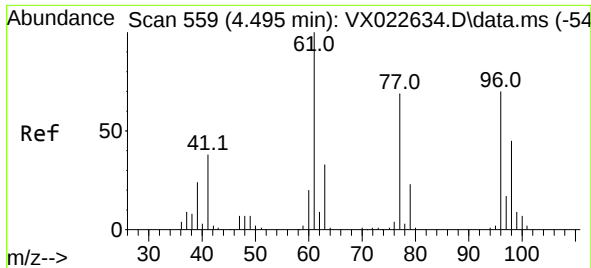


#24

1,1-Dichloroethane
Concen: 0.27 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 63 Resp: 398
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: 18.65 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

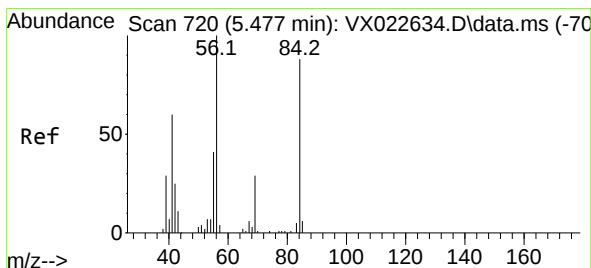
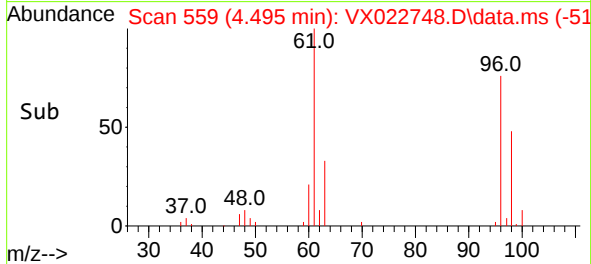
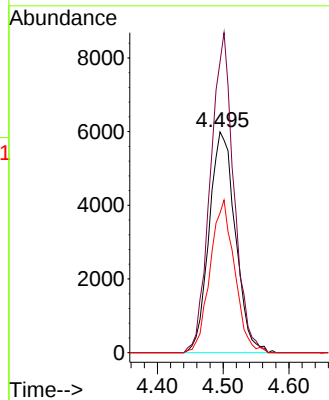
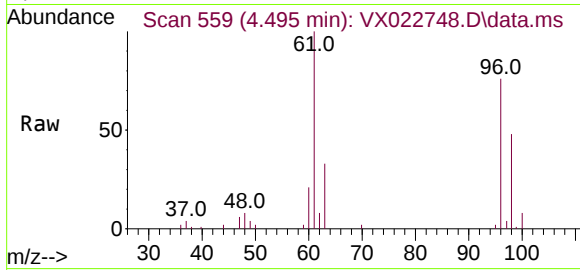
Tgt Ion:	96	Resp:	16652
Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	285.6
98	64.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20210616



#31

Cyclohexane

Concen: 1.44 ug/l

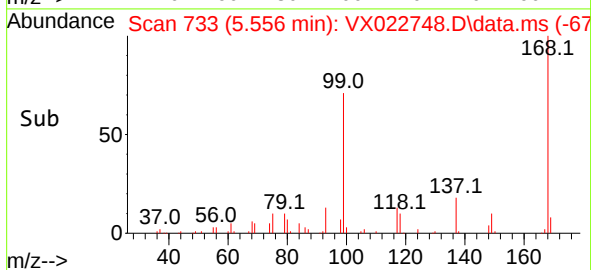
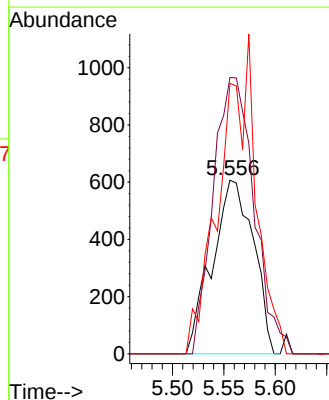
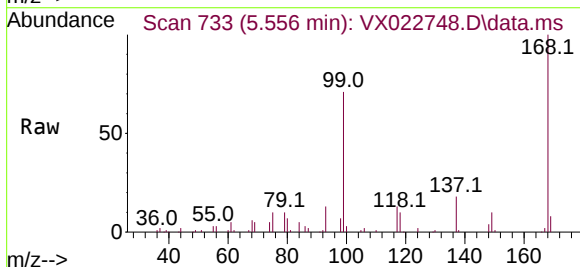
RT: 5.556 min Scan# 733

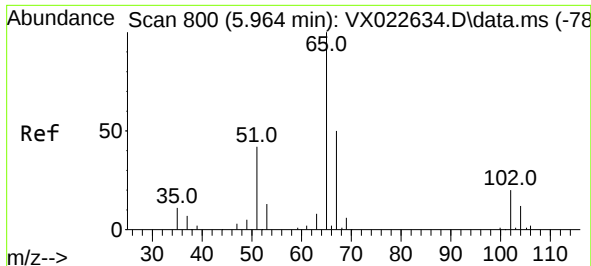
Delta R.T. 0.079 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

Tgt Ion:	56	Resp:	1697
Ion	Ratio	Lower	Upper
56	100		
69	159.1	25.3	37.9#
84	155.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.69 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

Tgt Ion: 65 Resp: 46719

Ion Ratio Lower Upper

65 100

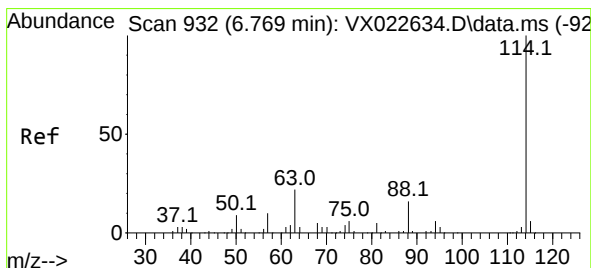
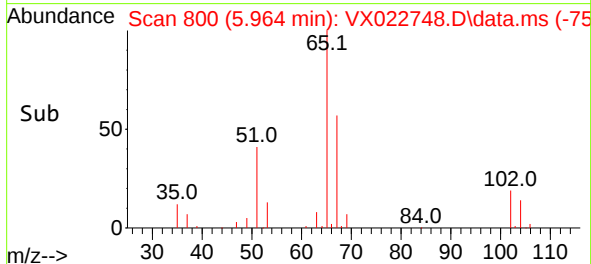
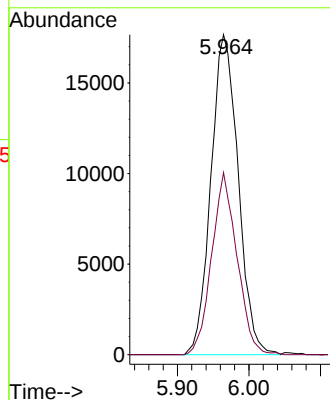
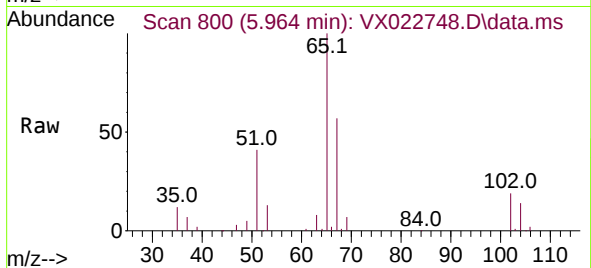
67 52.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20210616



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022748.D

Acq: 17 Jun 2021 18:13

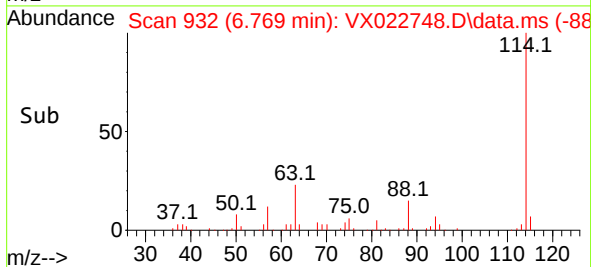
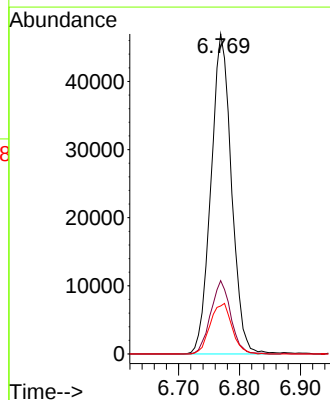
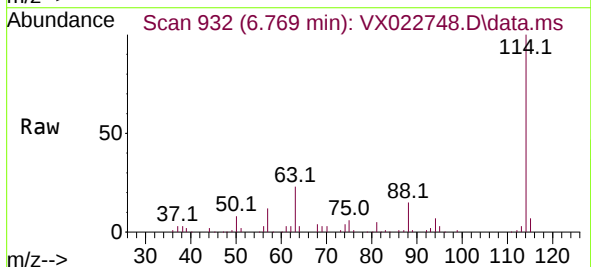
Tgt Ion: 114 Resp: 109839

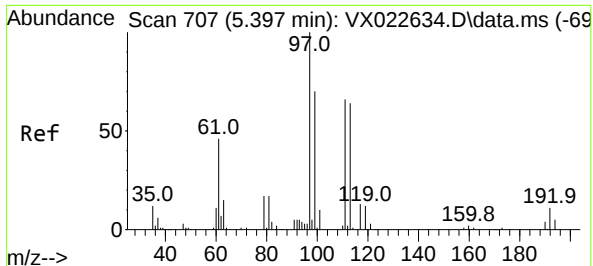
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.8

88 15.0 0.0 32.8

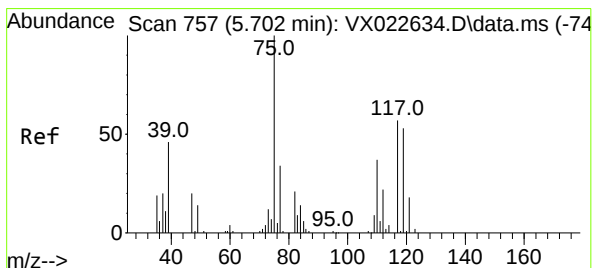
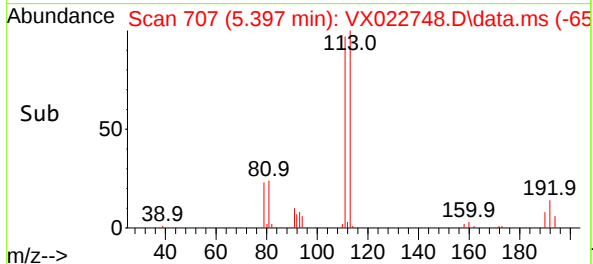
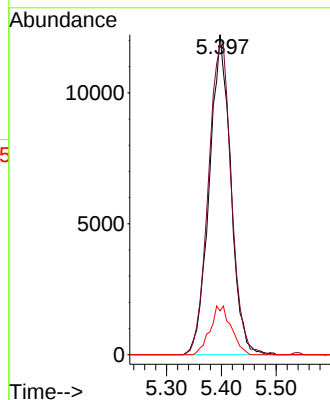
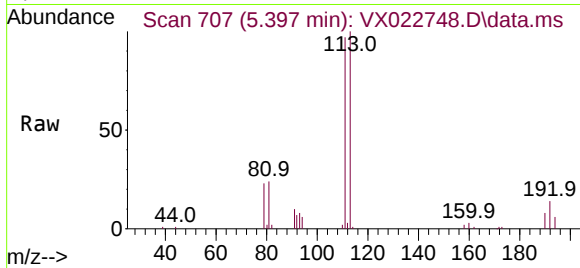




#35
Dibromofluoromethane
Concen: 47.30 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

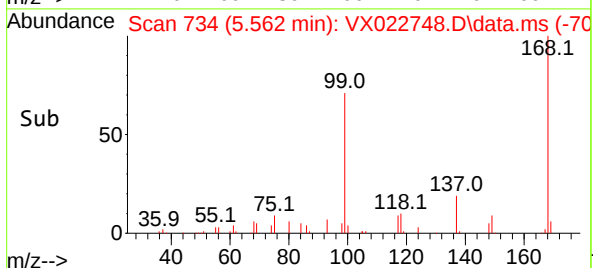
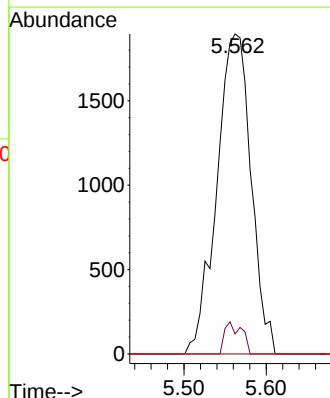
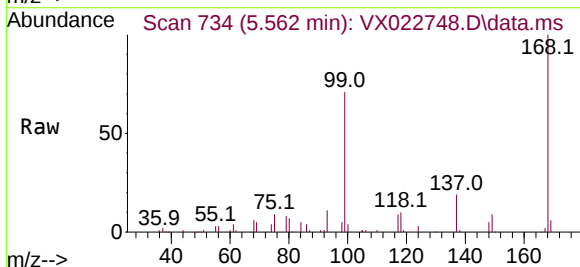
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MSVOA_X
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MW179D1-20210616

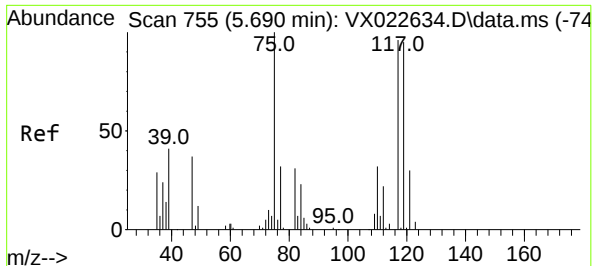
Tgt Ion:113 Resp: 33145
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

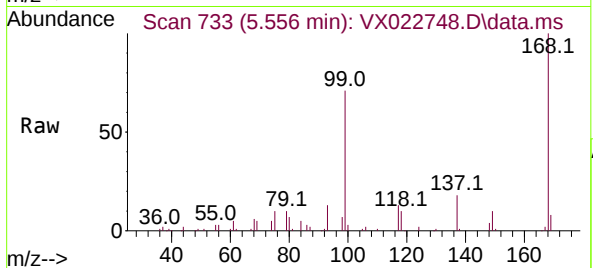
Tgt Ion: 75 Resp: 5497
Ion Ratio Lower Upper
75 100
110 5.0 18.1 54.4#
77 0.0 25.3 37.9#



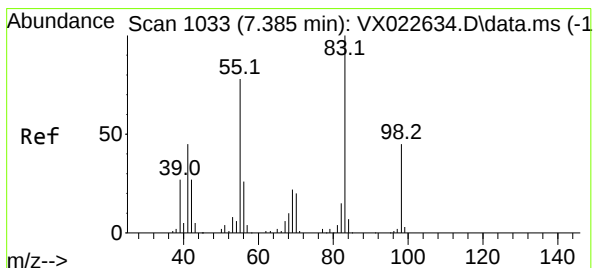
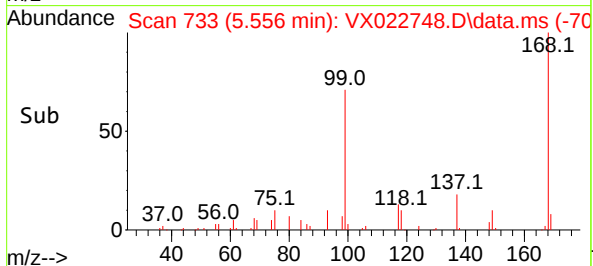
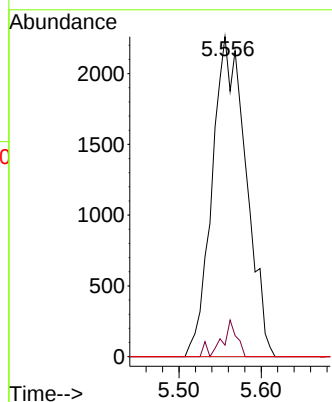


#38
Carbon Tetrachloride
Concen: 6.93 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
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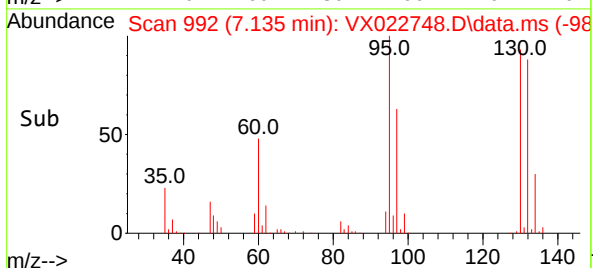
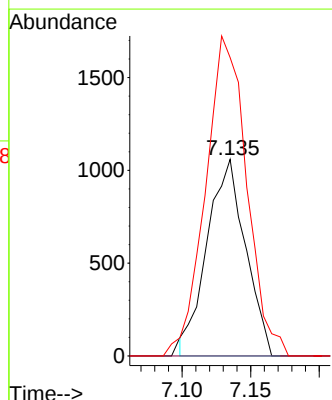
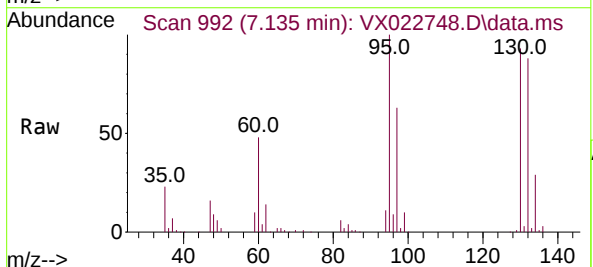


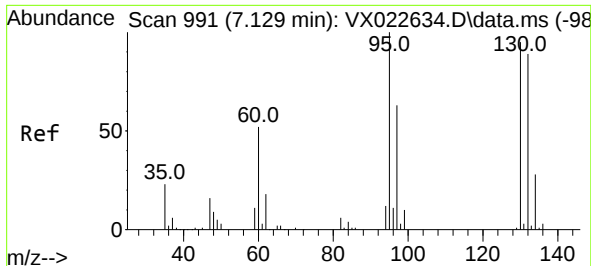
Tgt Ion:117 Resp: 6488
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.81 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 83 Resp: 2062
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 142.7 38.1 57.1#

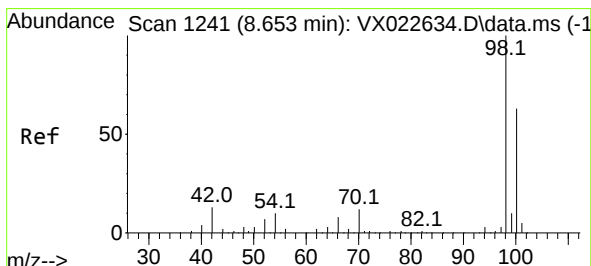
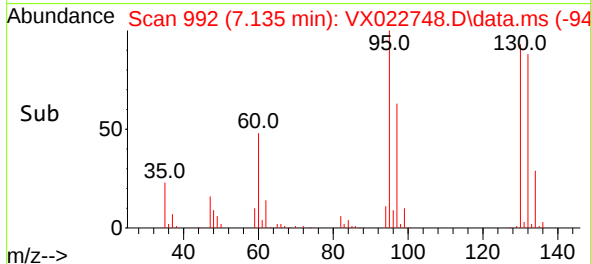
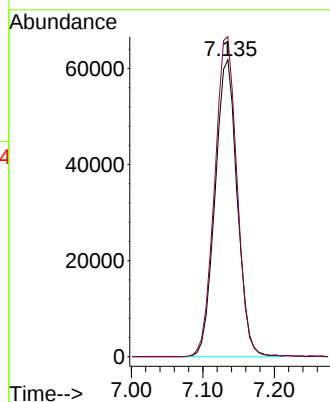
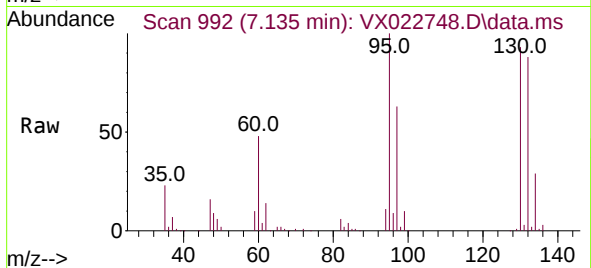




#44
Trichloroethene
Concen: 174.07 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

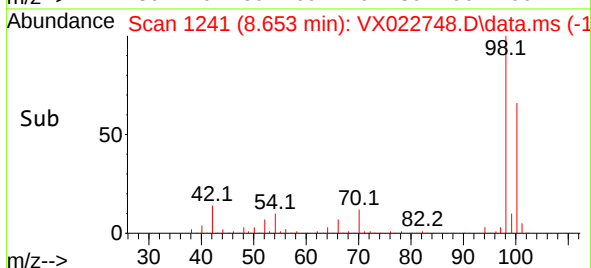
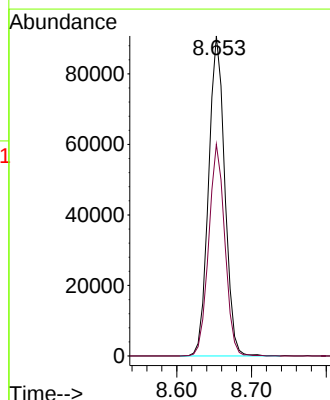
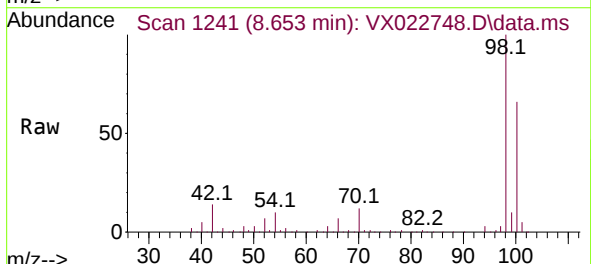
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

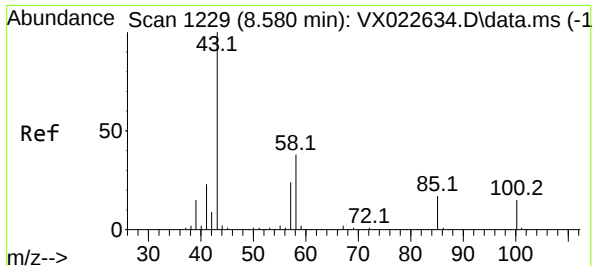
Tgt Ion:130 Resp: 133048
Ion Ratio Lower Upper
130 100
95 107.7 0.0 198.0



#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 98 Resp: 136202
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

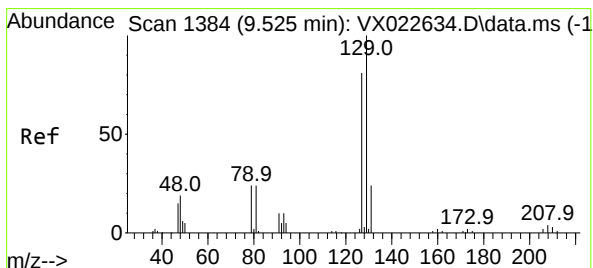
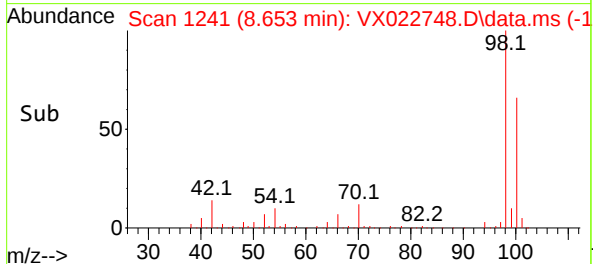
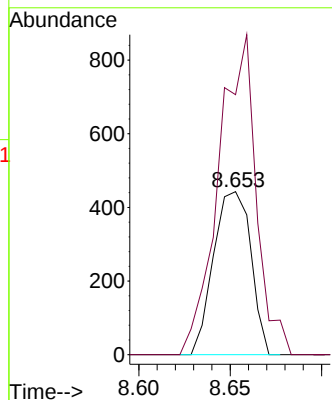
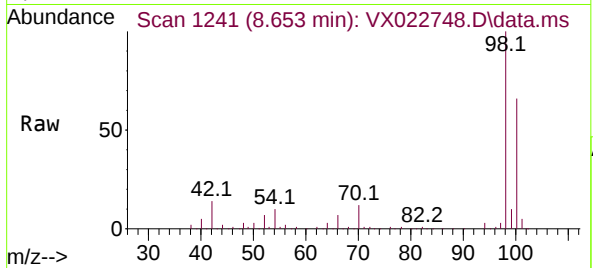




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

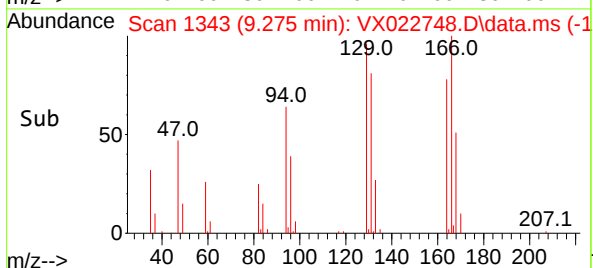
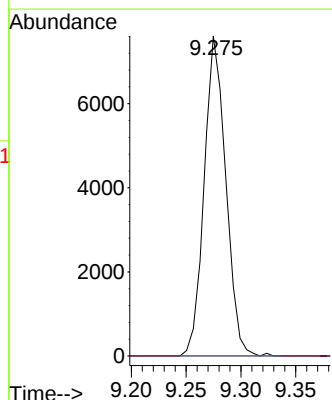
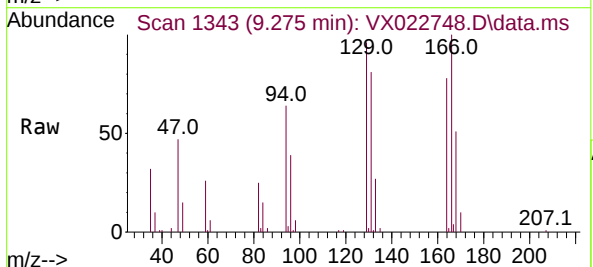
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

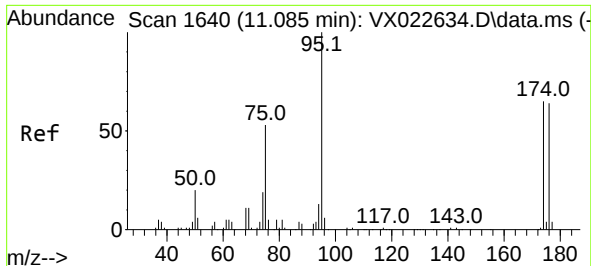
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 197.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 15.18 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 129 Resp: 10440
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

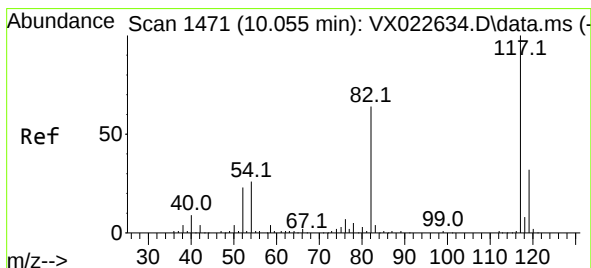
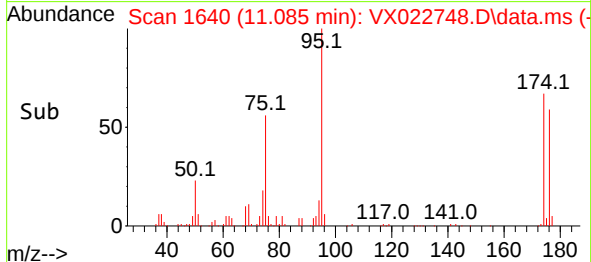
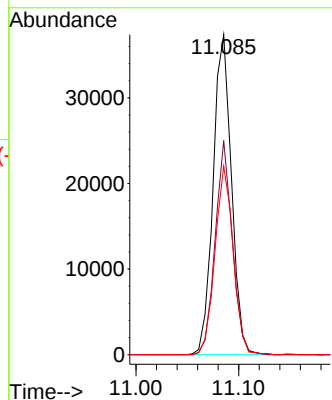
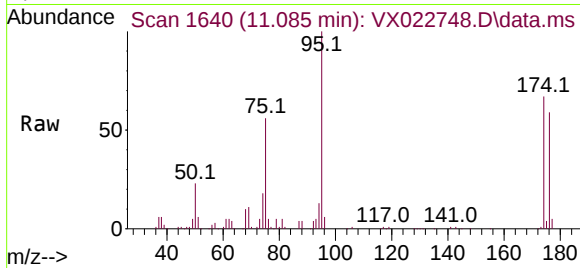




#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

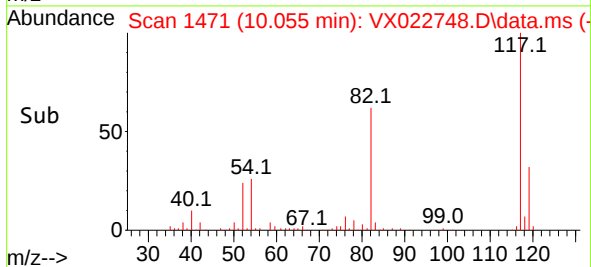
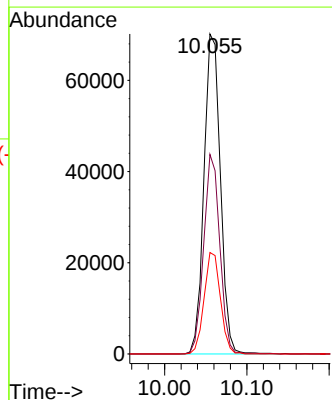
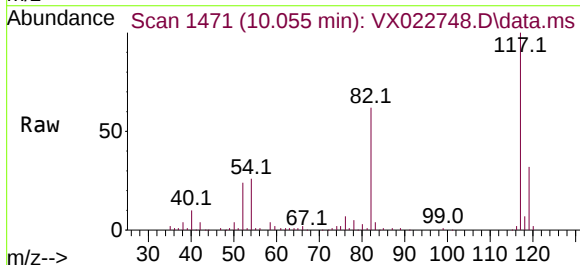
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

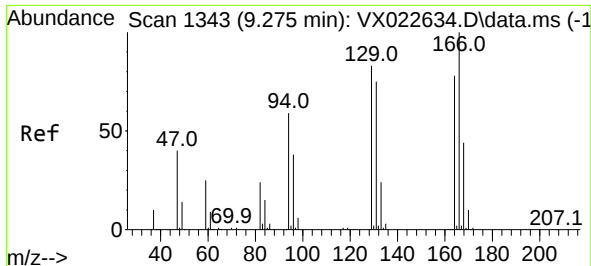
Tgt Ion: 95 Resp: 46203
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 58.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 117 Resp: 97381
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.7 26.6 39.8



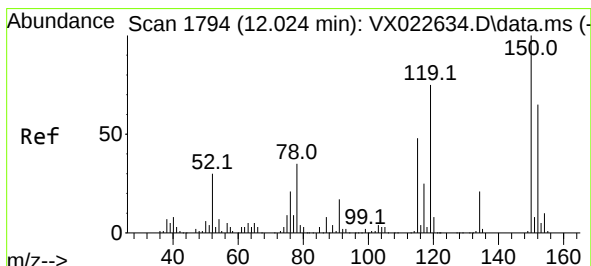
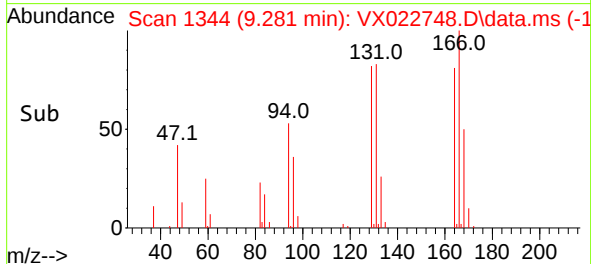
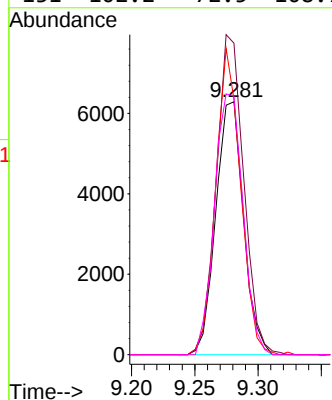
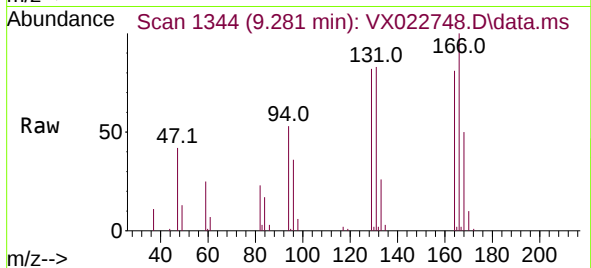


#64
Tetrachloroethene
Concen: 15.54 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

Tgt Ion:164 Resp: 9568

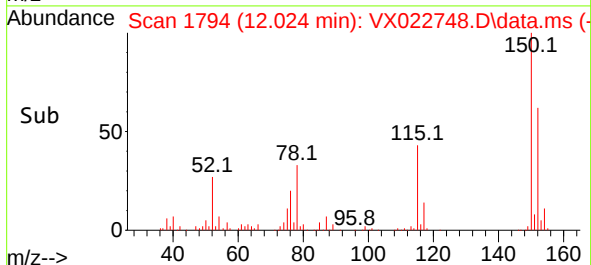
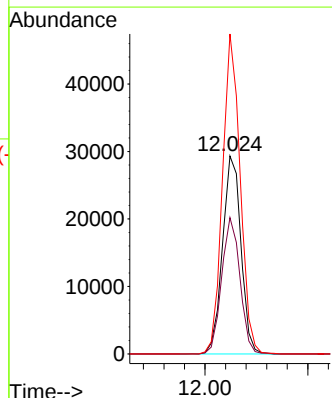
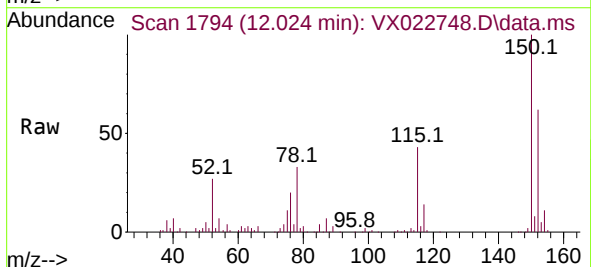
Ion	Ratio	Lower	Upper
164	100		
166	123.2	103.4	155.2
129	100.9	70.8	106.2
131	102.2	72.5	108.7

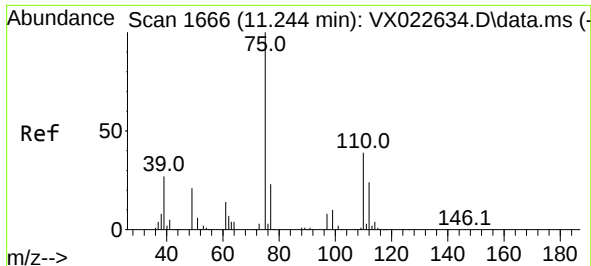


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion:152 Resp: 36405

Ion	Ratio	Lower	Upper
152	100		
115	68.4	41.1	123.3
150	154.7	0.0	349.0

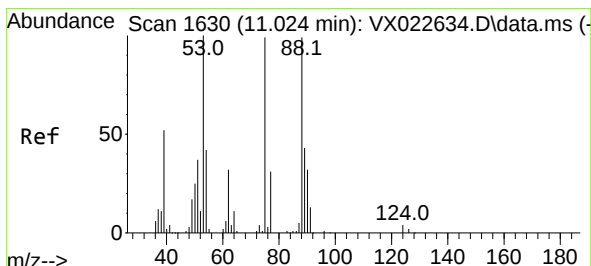
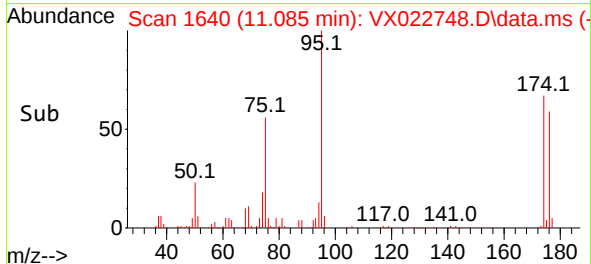
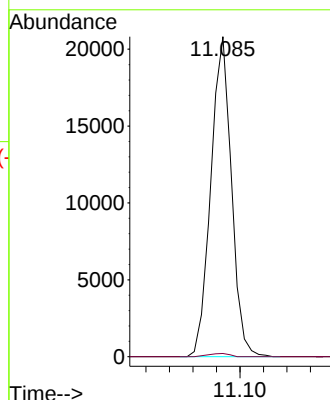
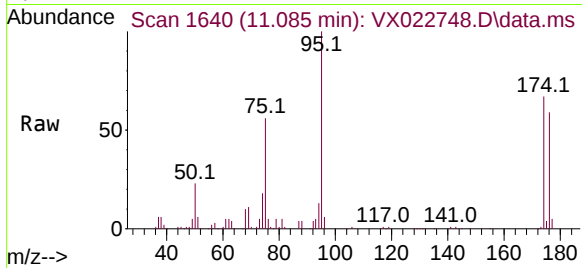




#76
1,2,3-Trichloropropane
Concen: 26.27 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

Tgt Ion: 75 Resp: 25356
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 75 Resp: 25356
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

