

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022749.D
 Acq On : 17 Jun 2021 18:37
 Operator : JC/MD
 Sample : M2750-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20210616

Quant Time: Jun 18 01:18:49 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

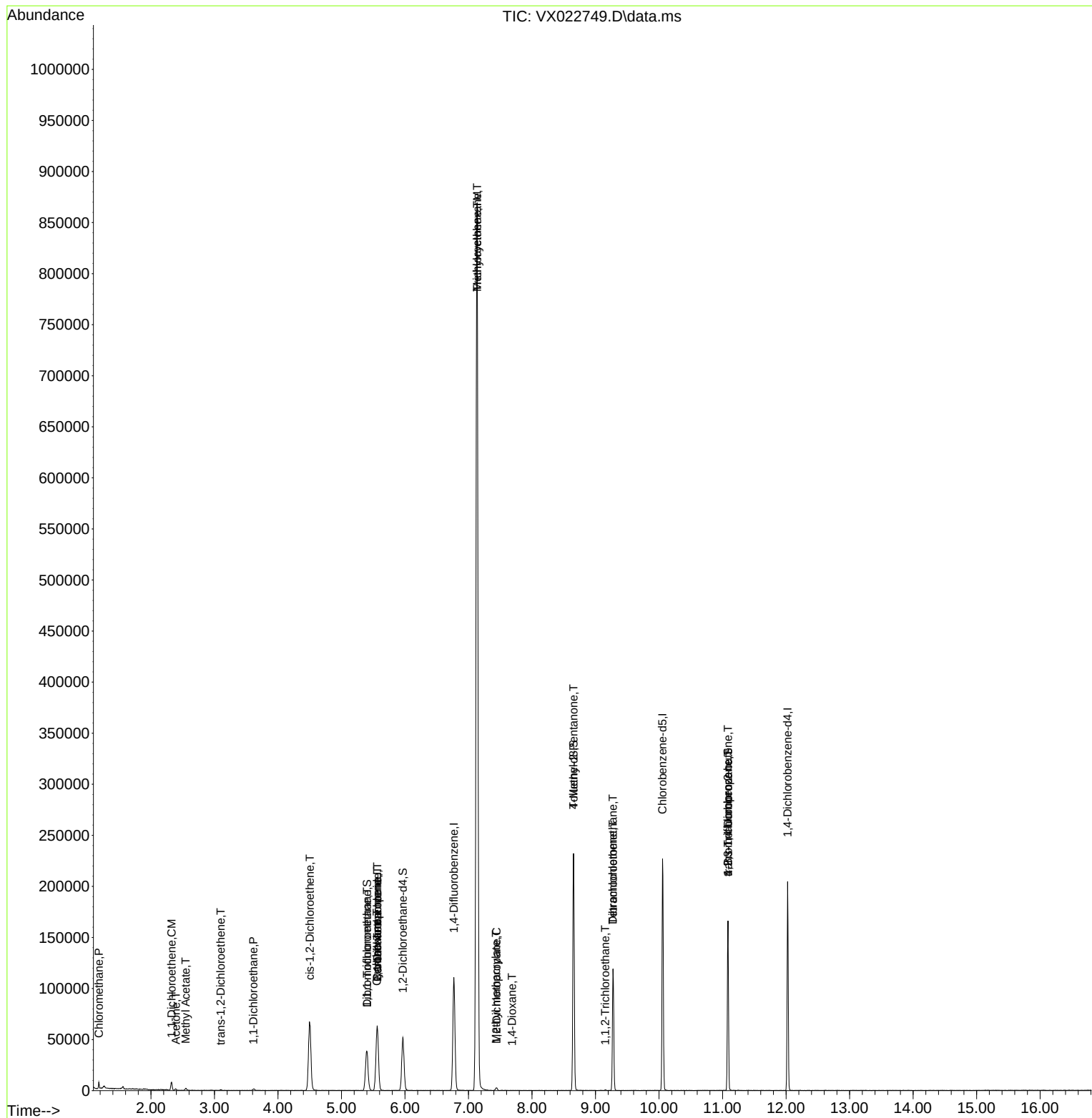
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	52375	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	105983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46475	49.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.68%
35) Dibromofluoromethane	5.403	113	32468	48.02	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.04%
50) Toluene-d8	8.653	98	130827	49.08	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.16%
62) 4-Bromofluorobenzene	11.085	95	43714	43.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.72%
Target Compounds						
						Qvalue
3) Chloromethane	1.178	50	239	0.32	ug/l	# 42
12) 1,1-Dichloroethene	2.324	96	2462	3.87	ug/l	79
16) Acetone	2.392	43	1288	3.05	ug/l	89
18) Methyl Acetate	2.544	43	705	0.56	ug/l	# 47
21) trans-1,2-Dichloroethene	3.099	96	203	0.29	ug/l	# 70
24) 1,1-Dichloroethane	3.611	63	1661	1.18	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	39847	46.42	ug/l	95
31) Cyclohexane	5.556	56	1587	1.40	ug/l	# 6
32) 1,1,1-Trichloroethane	5.403	97	824	1.58	ug/l	# 24
36) 1,1-Dichloropropene	5.562	75	5374	5.09	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6673	7.39	ug/l	# 18
39) Methylcyclohexane	7.135	83	4525	4.11	ug/l	# 1
44) Trichloroethene	7.135	130	296533	402.07	ug/l	92
45) 1,2-Dichloropropane	7.439	63	1015	1.20	ug/l	# 85
48) Methyl methacrylate	7.433	41	697	0.68	ug/l	# 2
49) 1,4-Dioxane	7.683	88	59	3.05	ug/l	# 24
51) 4-Methyl-2-Pentanone	8.653	43	689	0.51	ug/l	# 1
55) 1,1,2-Trichloroethane	9.152	97	214	0.27	ug/l	# 43
60) Dibromochloromethane	9.274	129	20201	27.25	ug/l	# 11
64) Tetrachloroethene	9.274	164	18925	31.77	ug/l	# 84
76) 1,2,3-Trichloropropane	11.085	75	23880	25.45	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	23880	63.96	ug/l	# 12

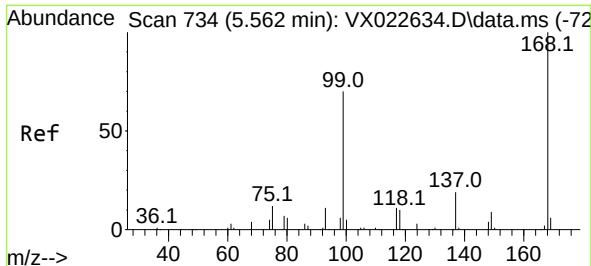
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

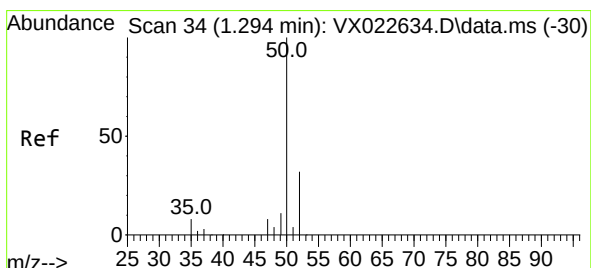
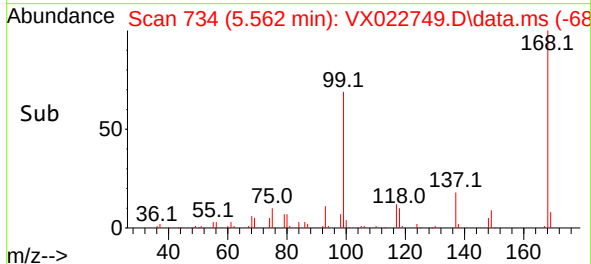
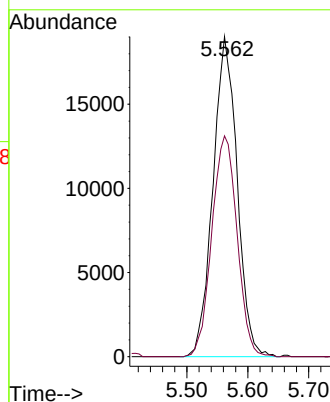
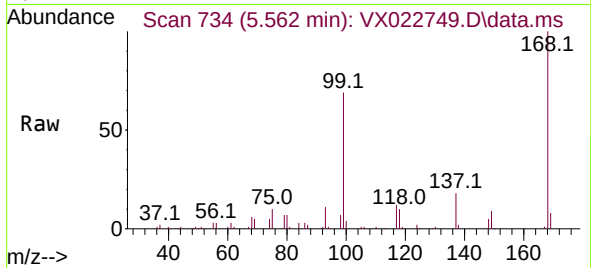




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

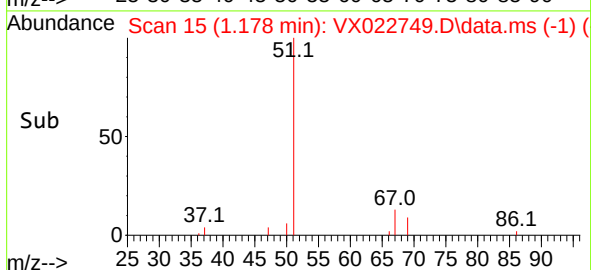
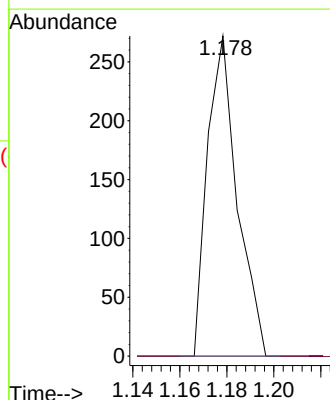
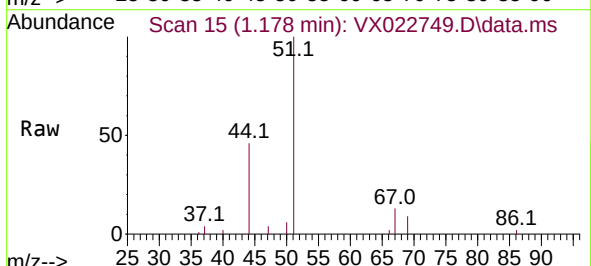
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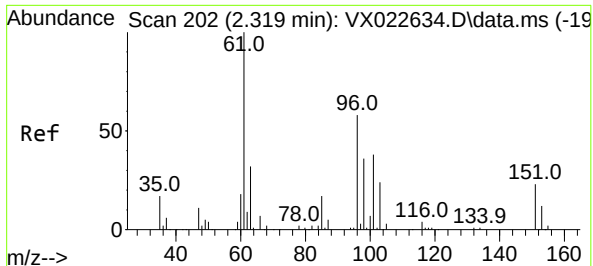
Tgt Ion:168 Resp: 52375
Ion Ratio Lower Upper
168 100
99 69.0 45.8 68.6#



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.178 min Scan# 15
Delta R.T. -0.116 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#





#12

1,1-Dichloroethene

Concen: 3.87 ug/l

RT: 2.324 min Scan# 203

Delta R.T. 0.005 min

Lab File: VX022749.D

Acq: 17 Jun 2021 18:37

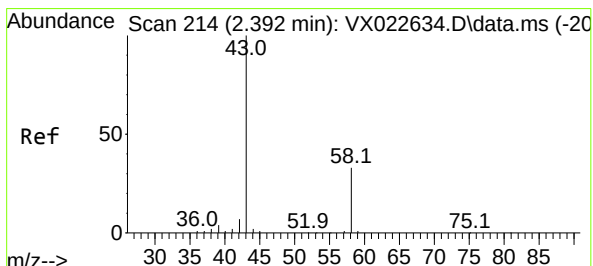
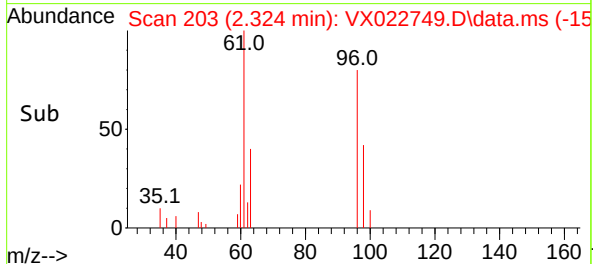
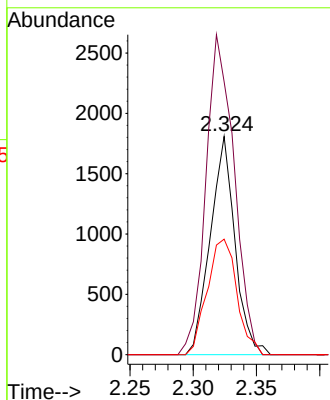
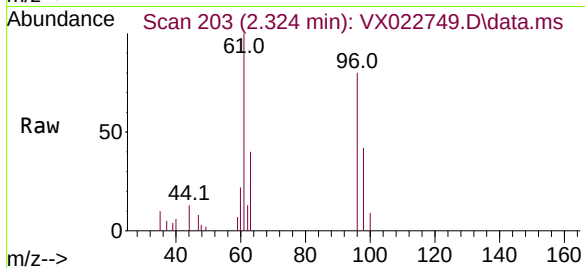
Tgt Ion: 96 Resp: 2462

Ion Ratio Lower Upper

96 100

61 125.0 124.6 187.0

98 52.9 50.6 76.0



#16

Acetone

Concen: 3.05 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022749.D

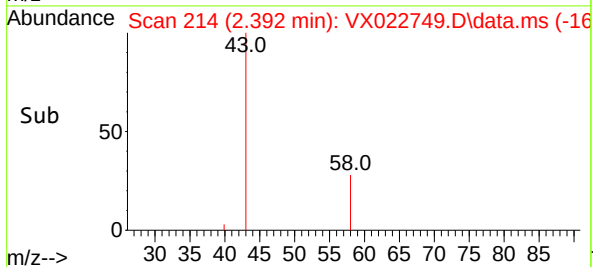
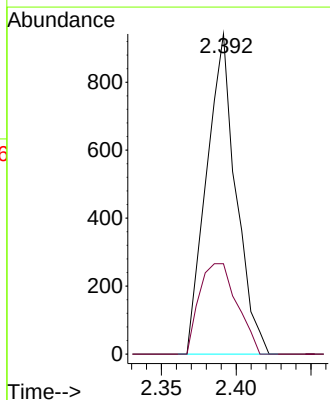
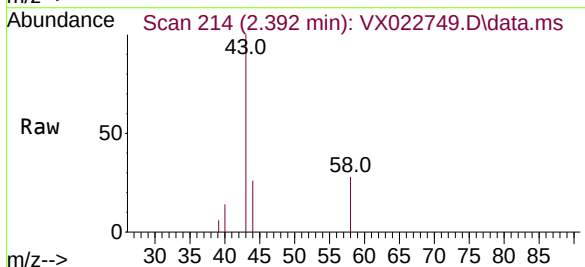
Acq: 17 Jun 2021 18:37

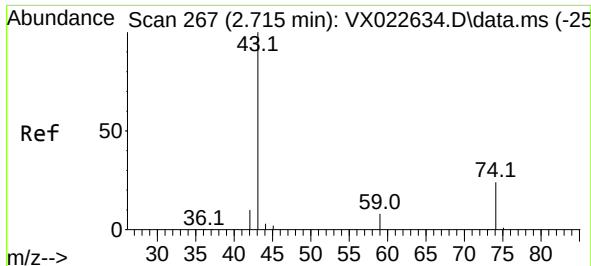
Tgt Ion: 43 Resp: 1288

Ion Ratio Lower Upper

43 100

58 28.2 27.8 41.8

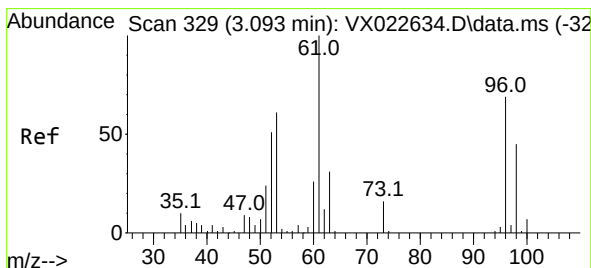
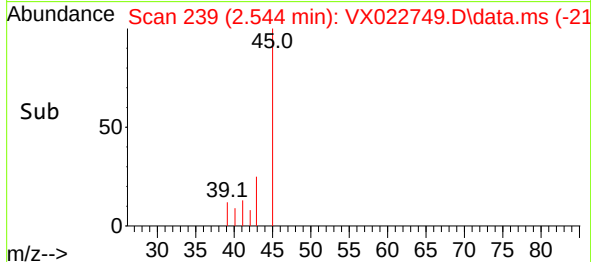
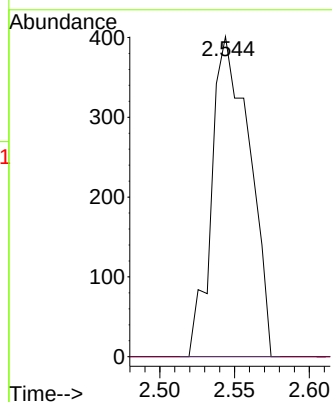
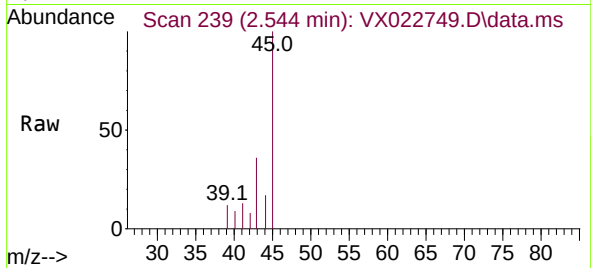




#18
Methyl Acetate
Concen: 0.56 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

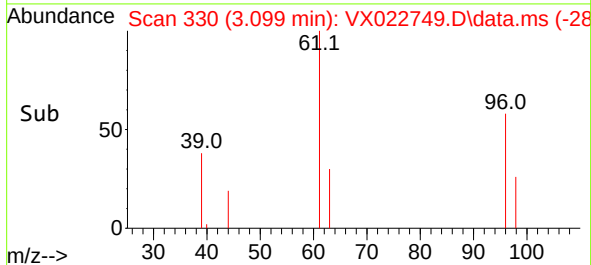
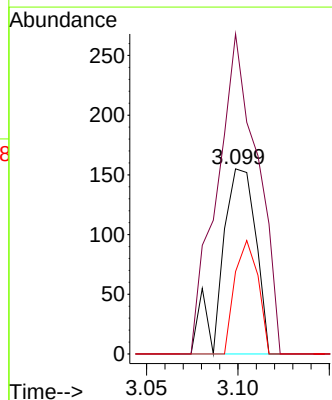
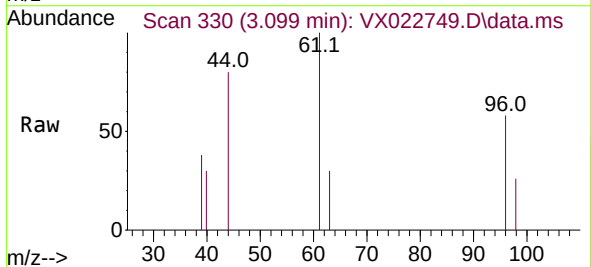
Instrument :
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MW179D2-20210616

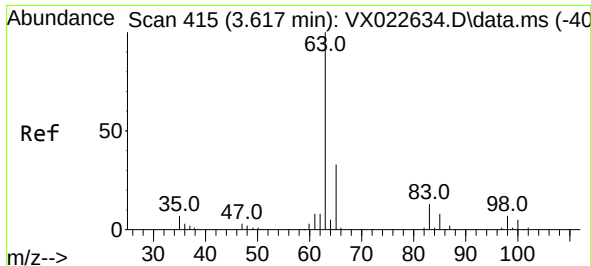
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 0.29 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 96 Resp: 203
Ion Ratio Lower Upper
96 100
61 172.9 107.7 161.5#
98 44.5 50.4 75.6#

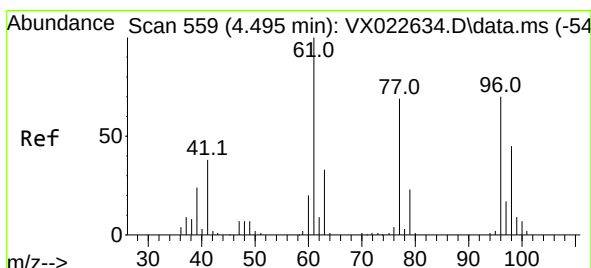
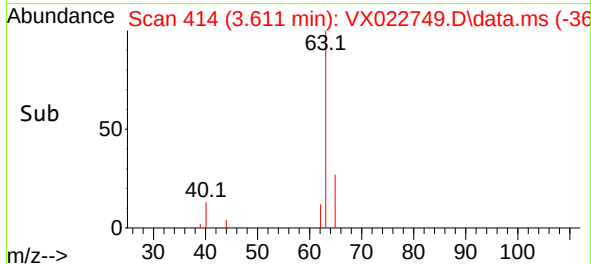
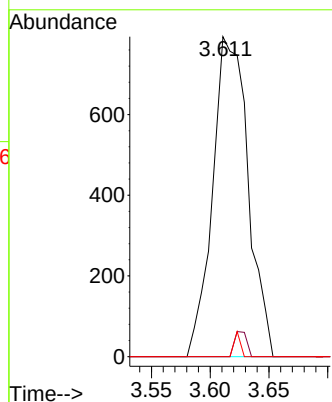
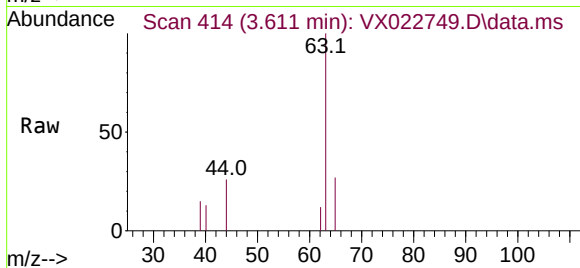




#24
1,1-Dichloroethane
Concen: 1.18 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

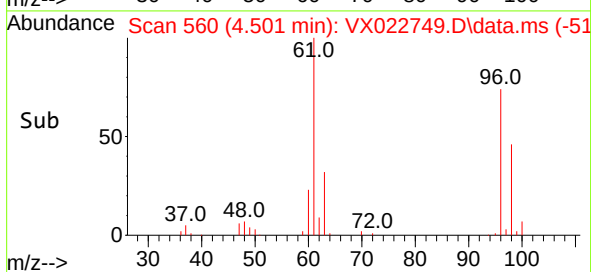
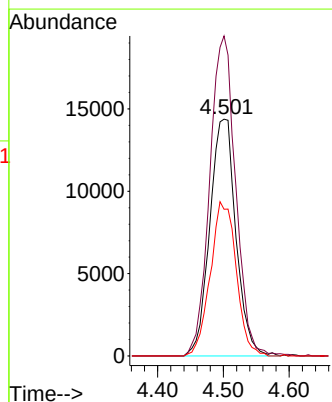
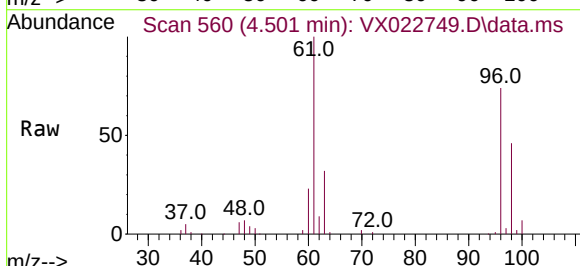
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

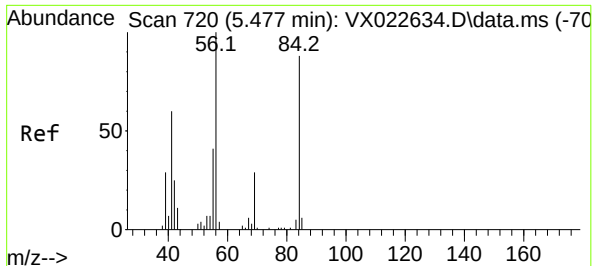
Tgt Ion: 63 Resp: 1661
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 46.42 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

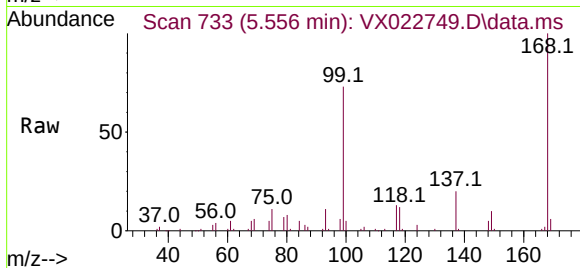
Tgt Ion: 96 Resp: 39847
Ion Ratio Lower Upper
96 100
61 133.9 0.0 285.6
98 64.4 0.0 129.6



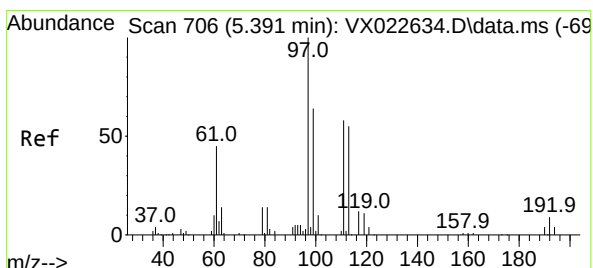
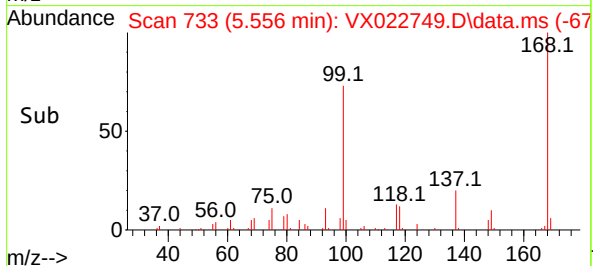
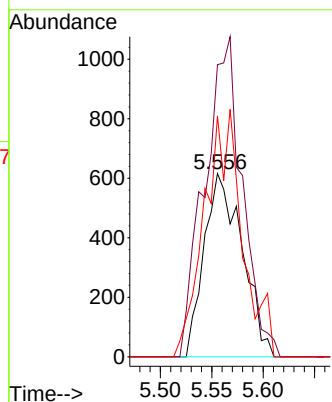


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

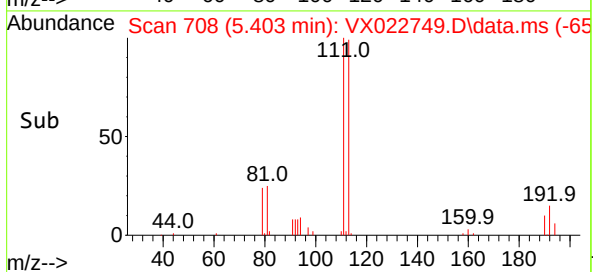
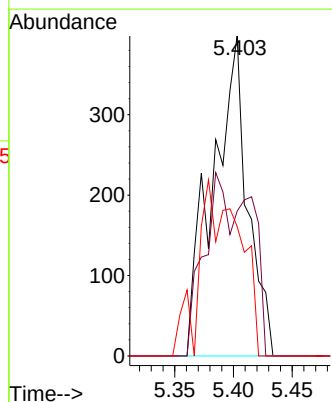
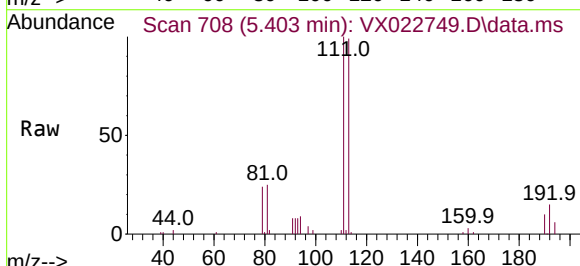


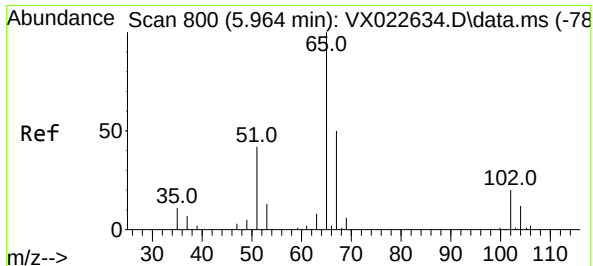
Tgt Ion: 56 Resp: 1587
Ion Ratio Lower Upper
56 100
69 159.4 25.3 37.9#
84 131.5 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 1.58 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 97 Resp: 824
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#

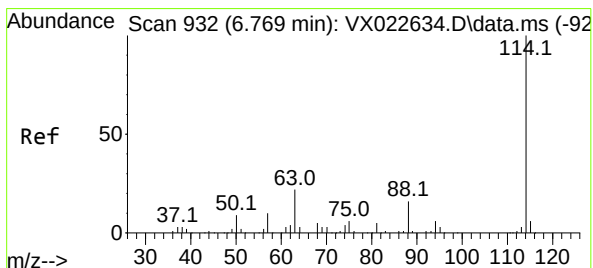
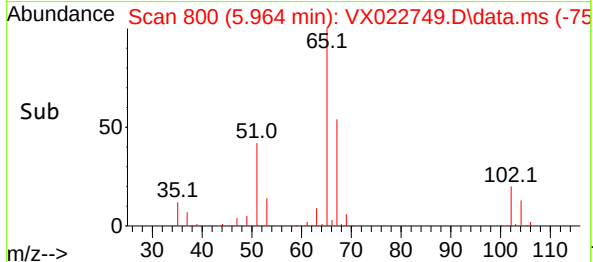
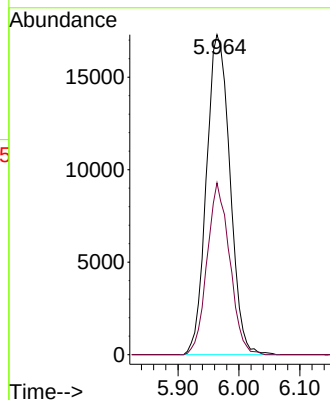
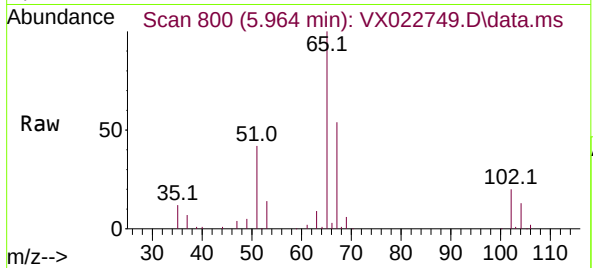




#33
 1,2-Dichloroethane-d4
 Concen: 49.34 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022749.D
 Acq: 17 Jun 2021 18:37

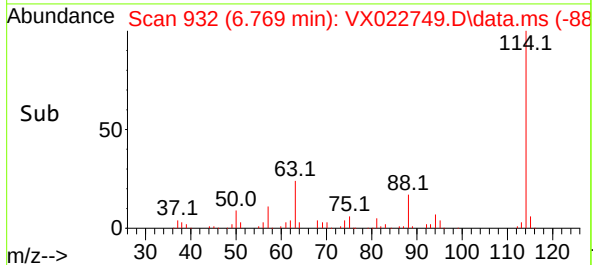
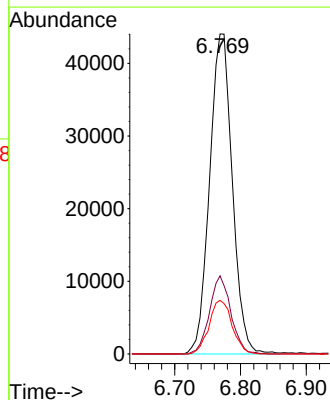
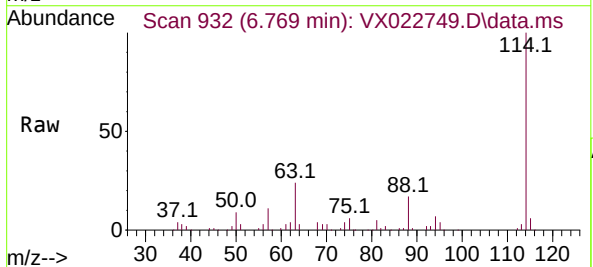
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 MSVOA_X
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 MW179D2-20210616

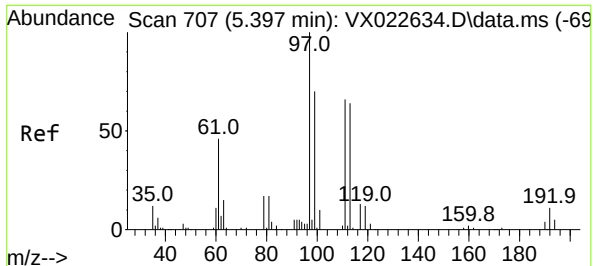
Tgt Ion: 65 Resp: 46475
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX022749.D
 Acq: 17 Jun 2021 18:37

Tgt Ion: 114 Resp: 105983
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 40.8
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.02 ug/l

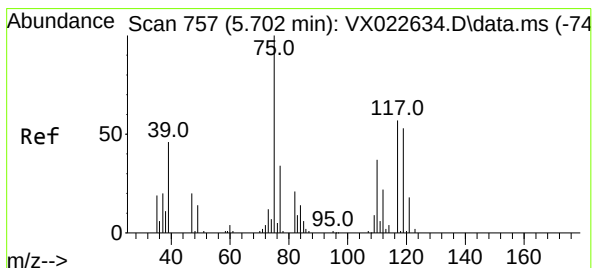
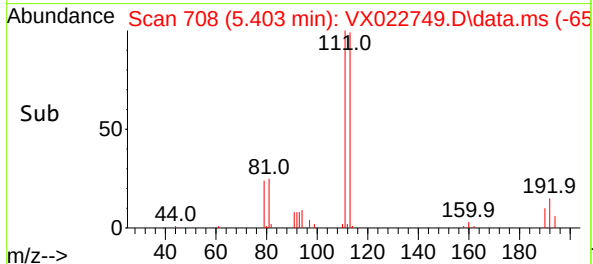
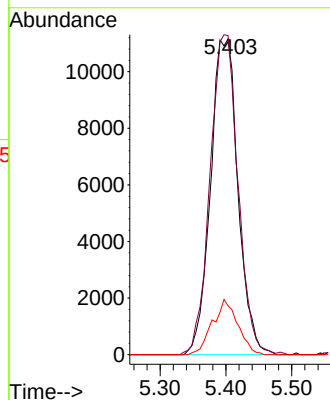
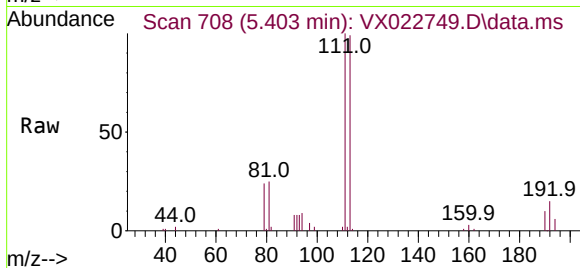
RT: 5.403 min Scan# 708

Delta R.T. 0.012 min

Lab File: VX022749.D

Acq: 17 Jun 2021 18:37

Tgt Ion:	113	Resp:	32468
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	16.1	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.09 ug/l

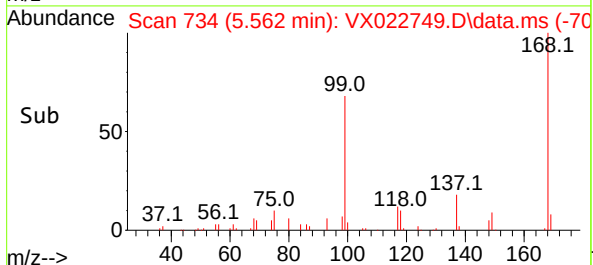
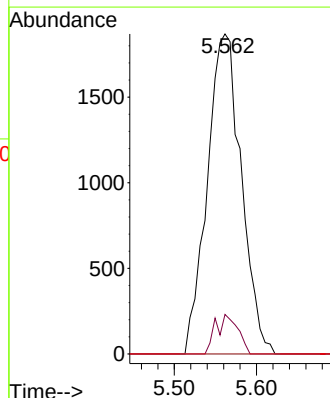
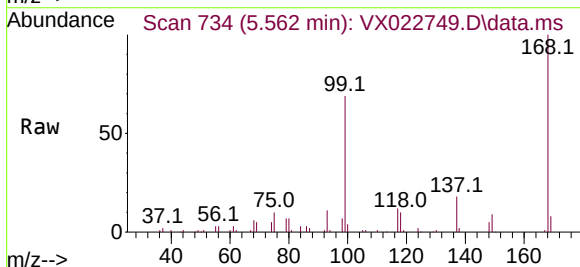
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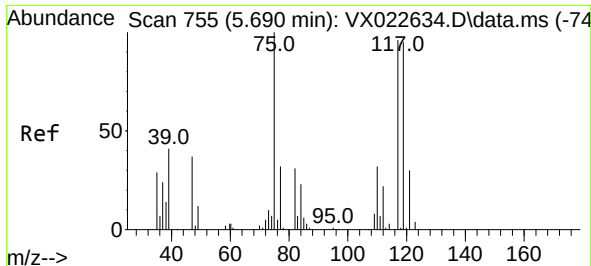
Delta R.T. -0.140 min

Lab File: VX022749.D

Acq: 17 Jun 2021 18:37

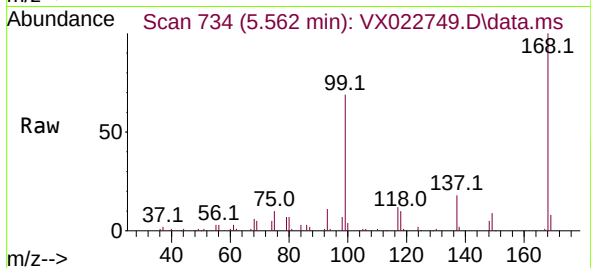
Tgt Ion:	75	Resp:	5374
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.3	37.9#



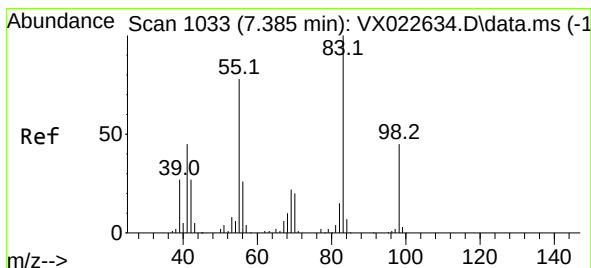
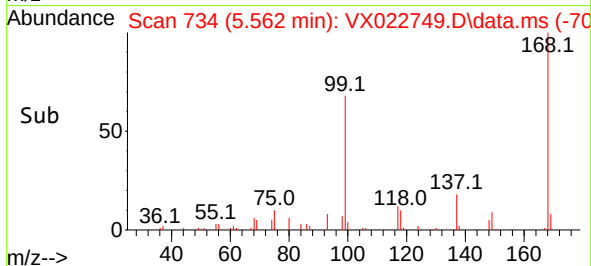
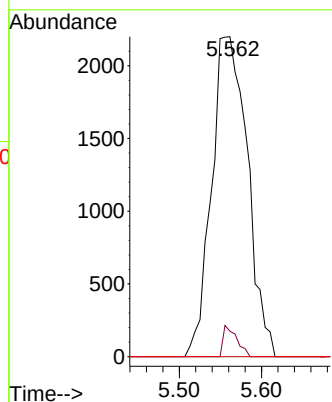


#38
Carbon Tetrachloride
Concen: 7.39 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

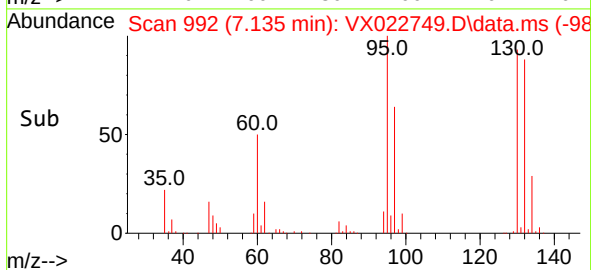
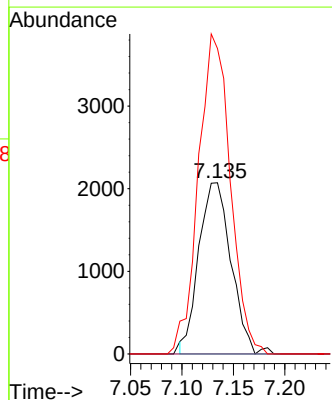
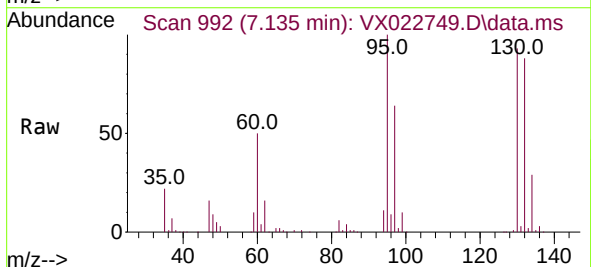


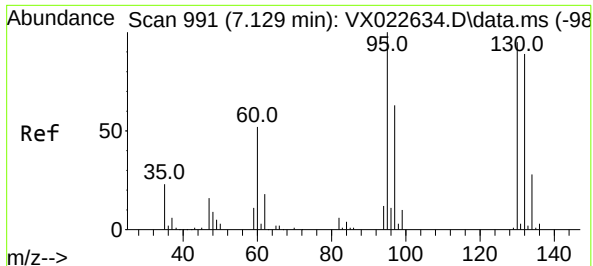
Tgt Ion:117 Resp: 6673
Ion Ratio Lower Upper
117 100
119 8.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 4.11 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 83 Resp: 4525
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 178.3 38.1 57.1#

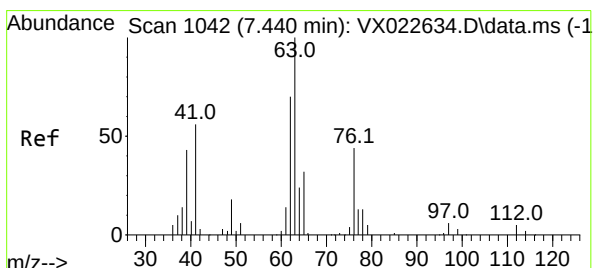
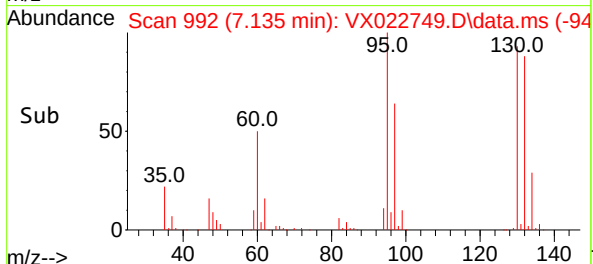
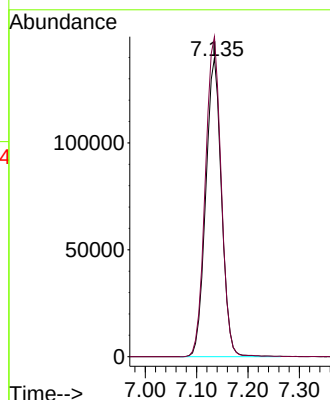
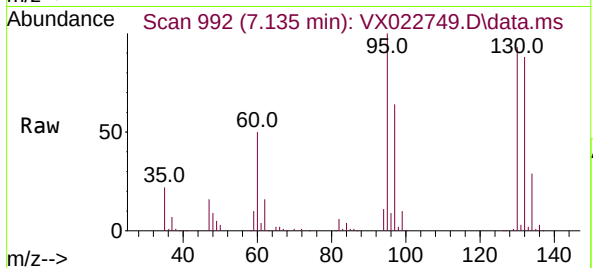




#44
Trichloroethene
Concen: 402.07 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

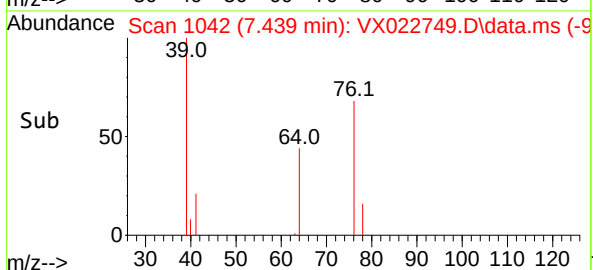
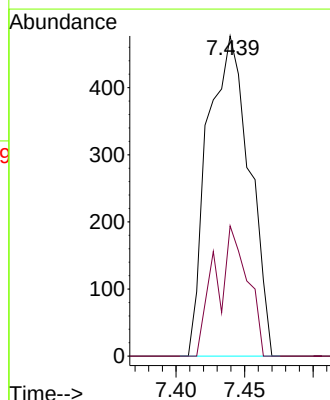
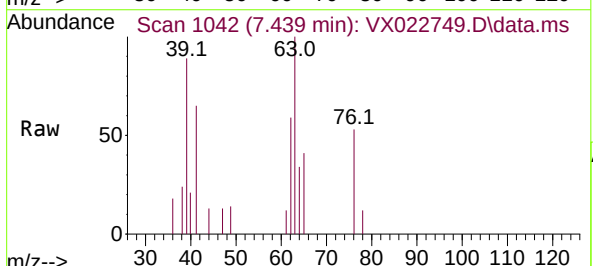
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

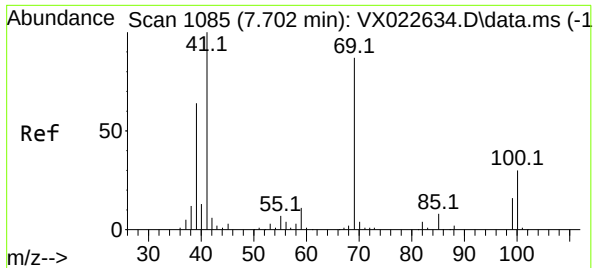
Tgt Ion:130 Resp: 296533
Ion Ratio Lower Upper
130 100
95 107.1 0.0 198.0



#45
1,2-Dichloropropane
Concen: 1.20 ug/l
RT: 7.439 min Scan# 1042
Delta R.T. -0.001 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 63 Resp: 1015
Ion Ratio Lower Upper
63 100
65 40.7 25.7 38.5#

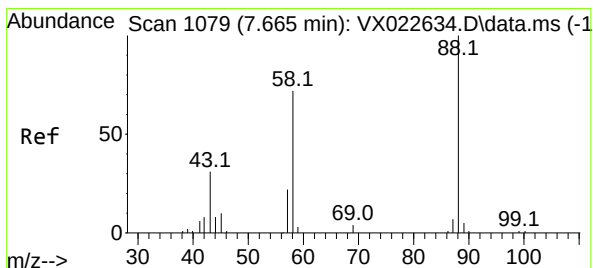
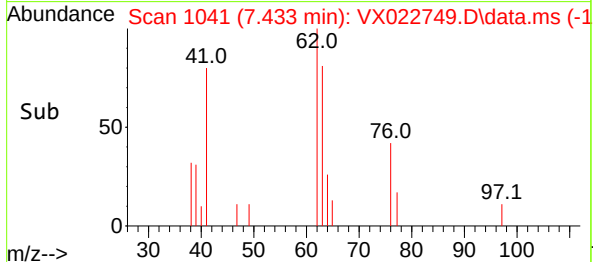
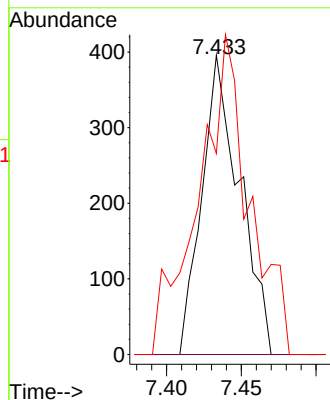
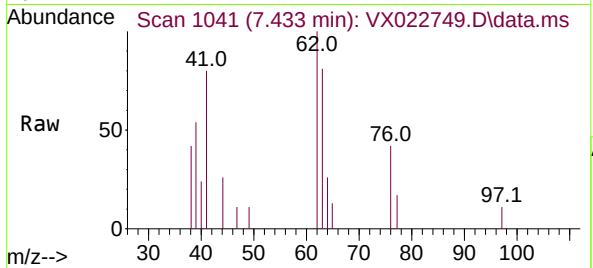




#48
Methyl methacrylate
Concen: 0.68 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.263 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

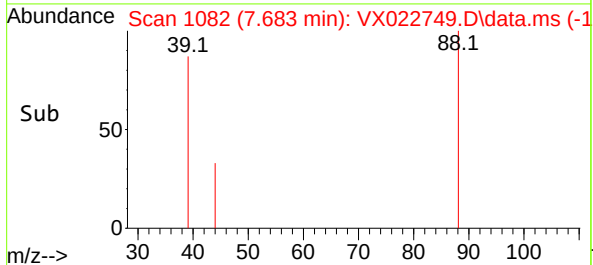
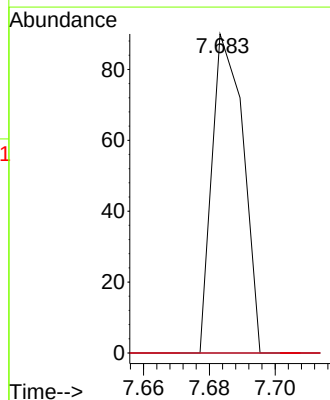
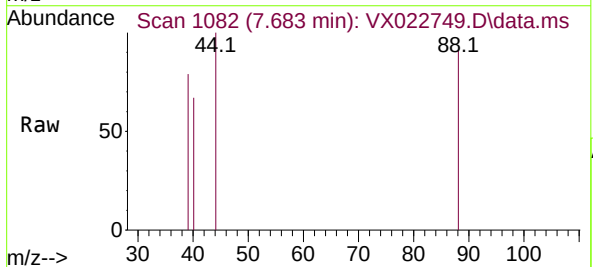
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

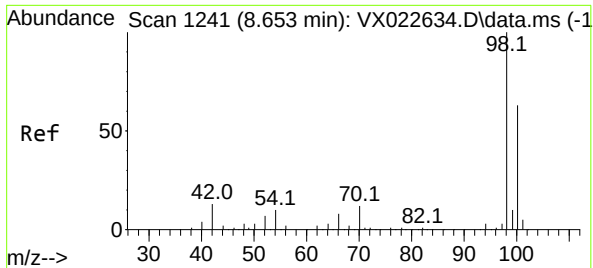
Tgt Ion: 41 Resp: 697
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 127.3 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.05 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

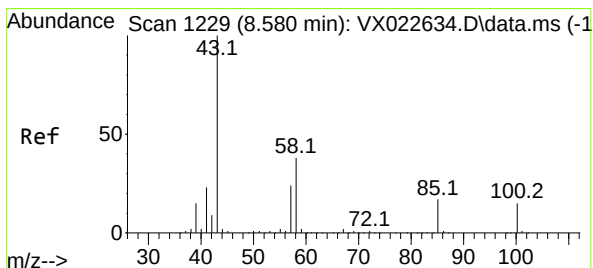
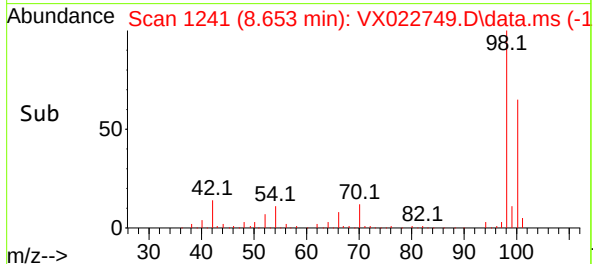
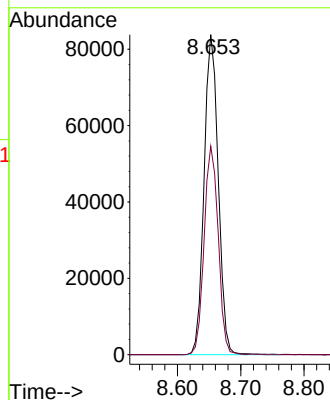
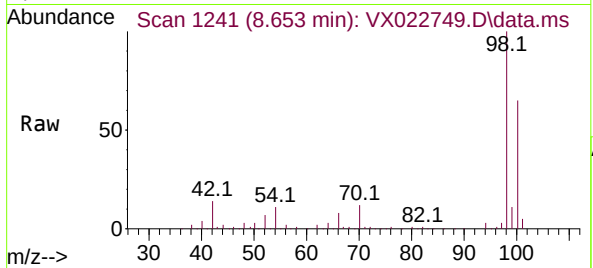




#50
Toluene-d8
Concen: 49.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

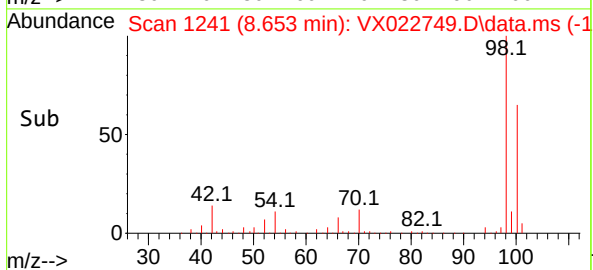
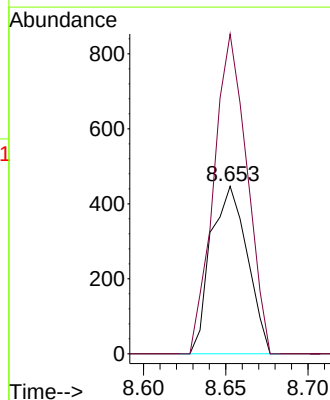
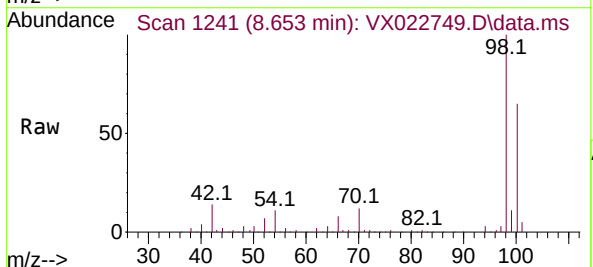
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

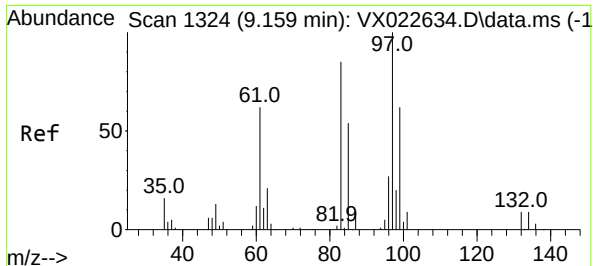
Tgt Ion: 98 Resp: 130827
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 174.2 35.4 53.0#





#55

1,1,2-Trichloroethane

Concen: 0.27 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.007 min

Lab File: VX022749.D

Acq: 17 Jun 2021 18:37

Tgt Ion: 97 Resp: 214

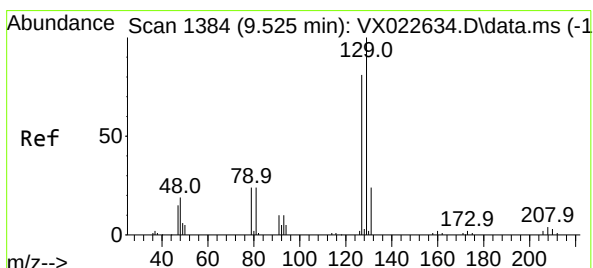
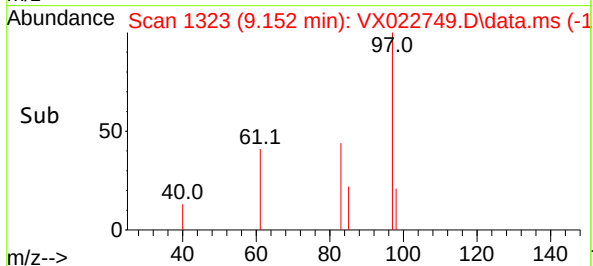
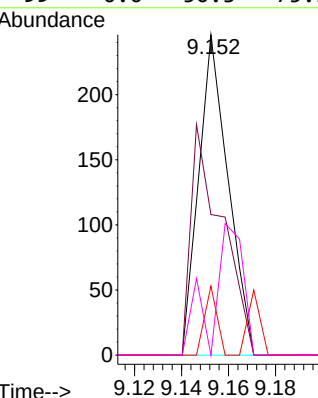
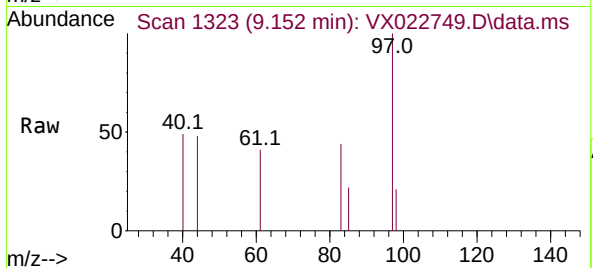
Ion Ratio Lower Upper

97 100

83 43.9 69.3 103.9#

85 21.5 44.3 66.5#

99 0.0 50.3 75.5#



#60

Dibromochloromethane

Concen: 27.25 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.251 min

Lab File: VX022749.D

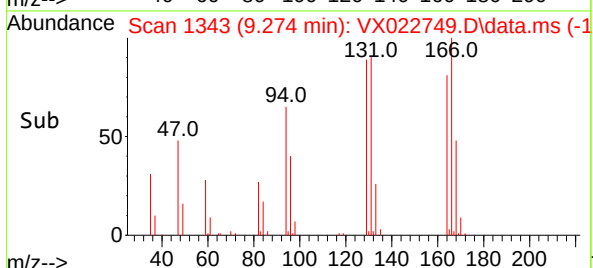
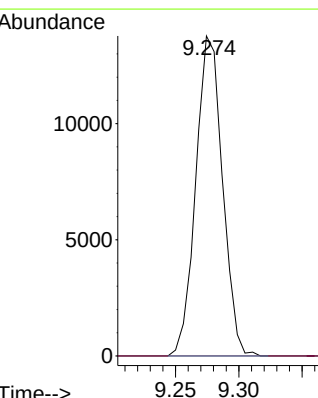
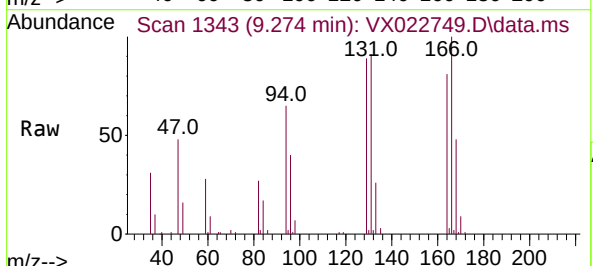
Acq: 17 Jun 2021 18:37

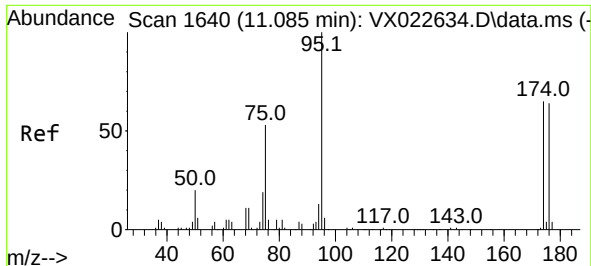
Tgt Ion: 129 Resp: 20201

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

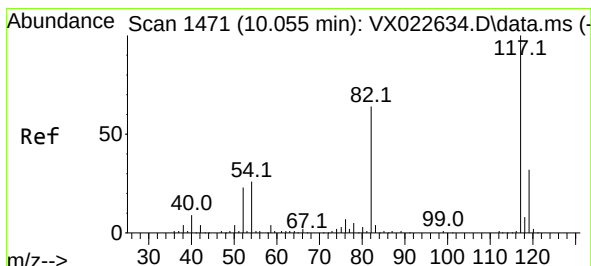
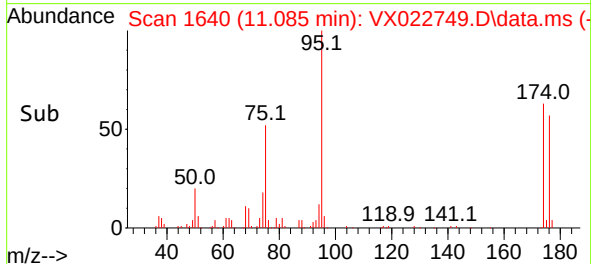
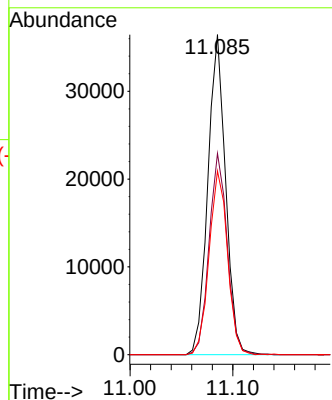
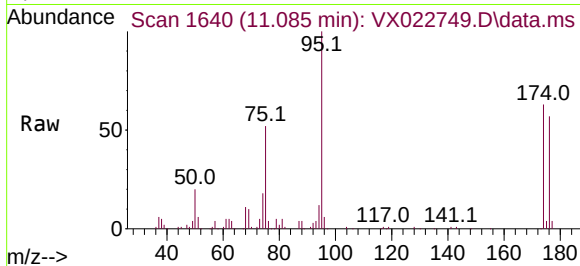




#62
4-Bromofluorobenzene
Concen: 43.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

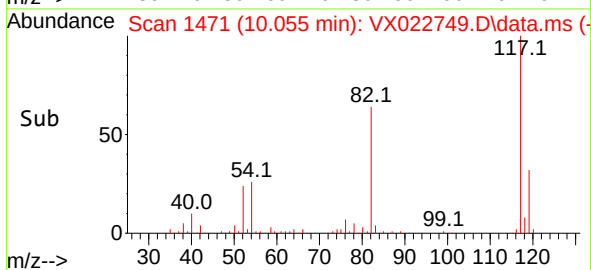
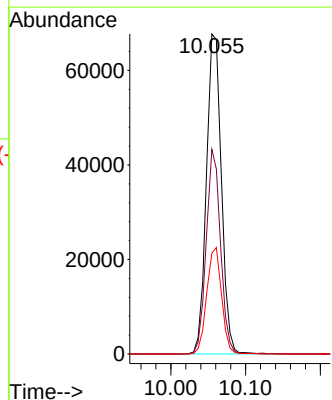
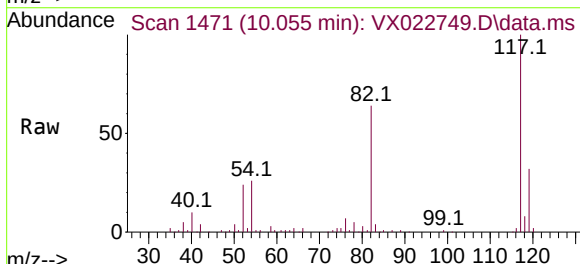
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

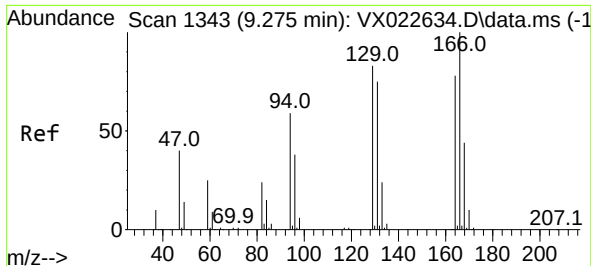
Tgt Ion: 95 Resp: 43714
Ion Ratio Lower Upper
95 100
174 64.3 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 117 Resp: 94185
Ion Ratio Lower Upper
117 100
82 63.9 47.4 71.2
119 31.5 26.6 39.8

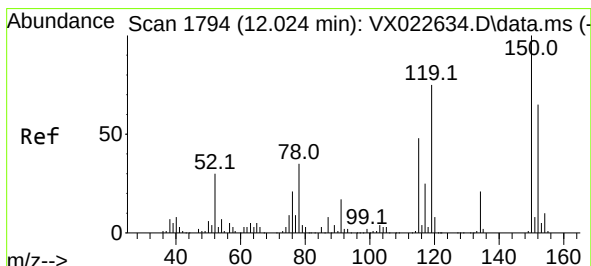
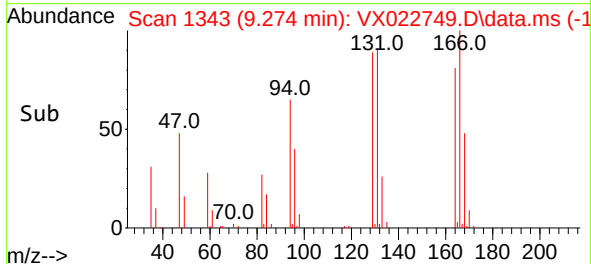
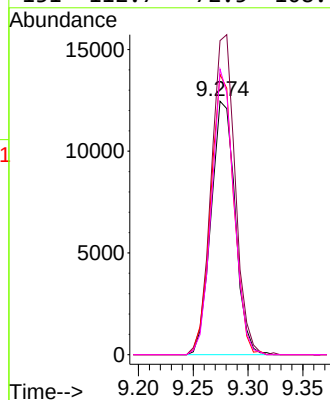
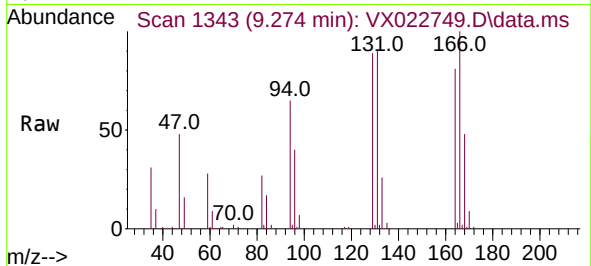




#64
Tetrachloroethene
Concen: 31.77 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.007 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

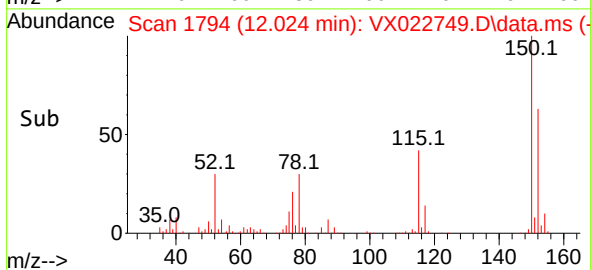
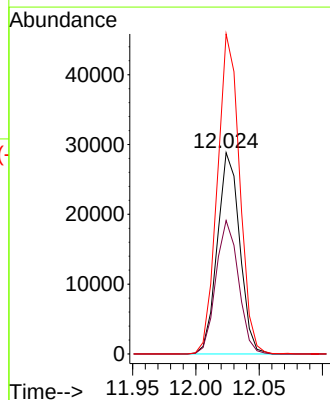
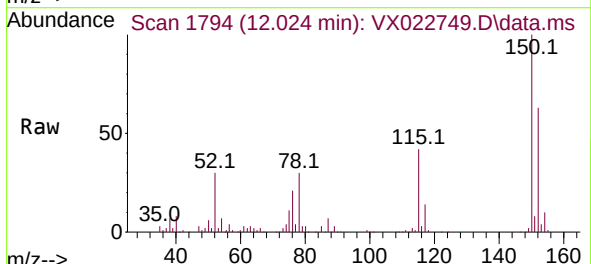
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

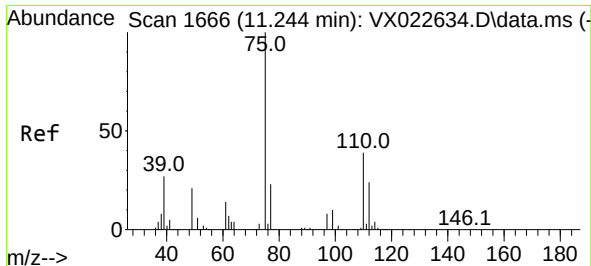
Tgt Ion:164	Resp:	18925
Ion Ratio	Lower	Upper
164	100	
166	124.0	103.4 155.2
129	110.6	70.8 106.2#
131	112.7	72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion:152	Resp:	35394
Ion Ratio	Lower	Upper
152	100	
115	67.0	41.1 123.3
150	158.2	0.0 349.0

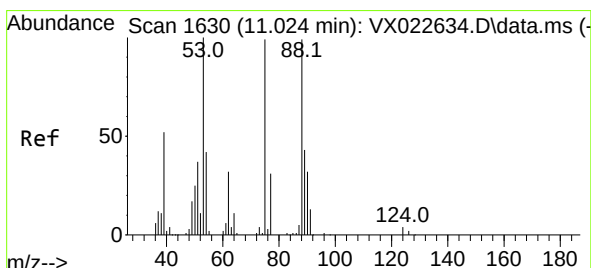
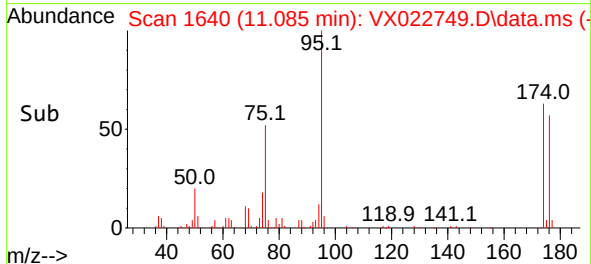
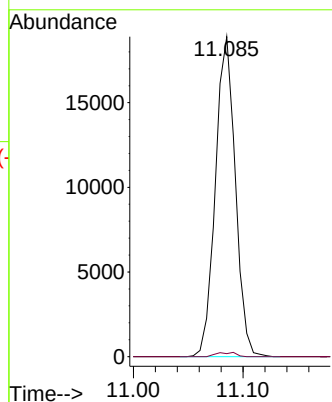
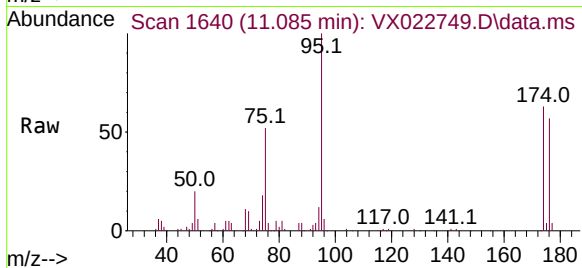




#76
1,2,3-Trichloropropane
Concen: 25.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616

Tgt Ion: 75 Resp: 23880
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022749.D
Acq: 17 Jun 2021 18:37

Tgt Ion: 75 Resp: 23880
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.4 37.9 56.9#

