

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022741.D
 Acq On : 17 Jun 2021 15:28
 Operator : JC/MD
 Sample : M2750-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210616

Quant Time: Jun 18 01:17:35 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	55889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	112972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47942	47.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.40%
35) Dibromofluoromethane	5.397	113	33815	46.91	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.82%
50) Toluene-d8	8.653	98	137387	48.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.70%
62) 4-Bromofluorobenzene	11.085	95	46237	43.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.06%

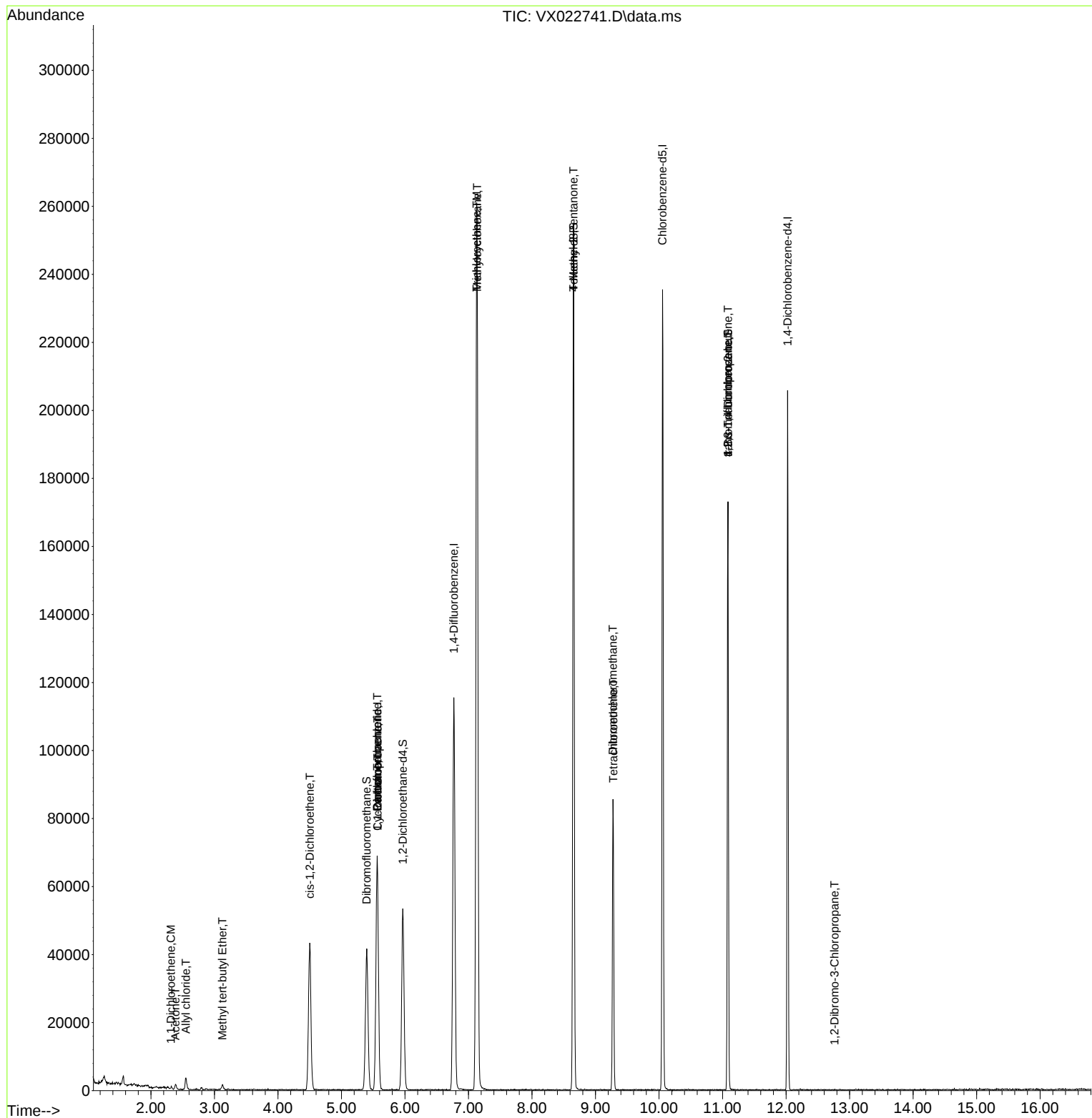
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	162	0.24	ug/l #	73
14) Allyl chloride	2.550	41	524	0.40	ug/l #	54
16) Acetone	2.386	43	1655	3.68	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	1481	0.63	ug/l #	81
20) Methylene Chloride	2.788	84	189	Below	Cal #	74
27) cis-1,2-Dichloroethene	4.501	96	26176	28.57	ug/l	91
31) Cyclohexane	5.568	56	1659	1.37	ug/l #	14
36) 1,1-Dichloropropene	5.568	75	5538	4.92	ug/l #	45
38) Carbon Tetrachloride	5.562	117	6511	6.76	ug/l #	15
39) Methylcyclohexane	7.135	83	1210	1.03	ug/l #	1
44) Trichloroethene	7.129	130	90396	114.99	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	814	0.57	ug/l #	1
60) Dibromochloromethane	9.275	129	14574	19.46	ug/l #	11
64) Tetrachloroethene	9.281	164	13567	22.08	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	24958	25.59	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	24958	64.30	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.762	75	19	4.01	ug/l #	1

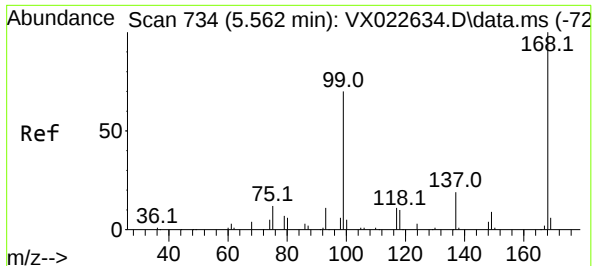
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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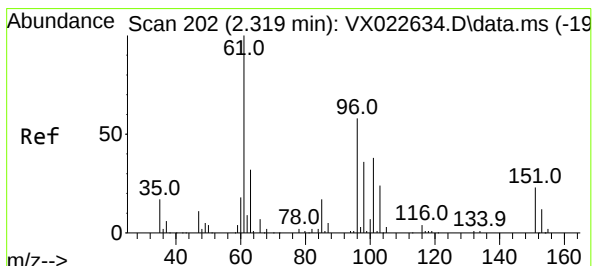
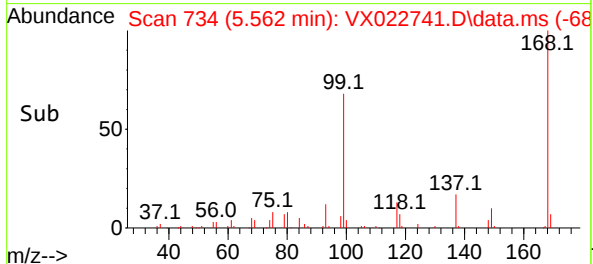
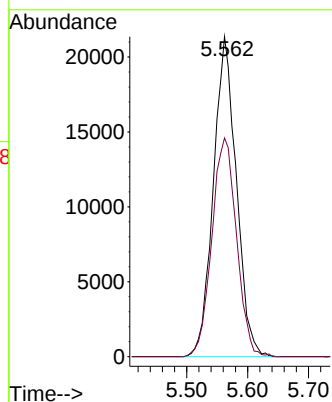
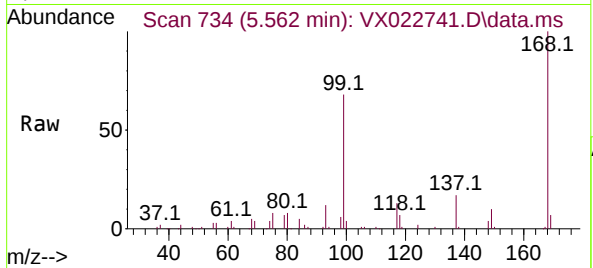




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

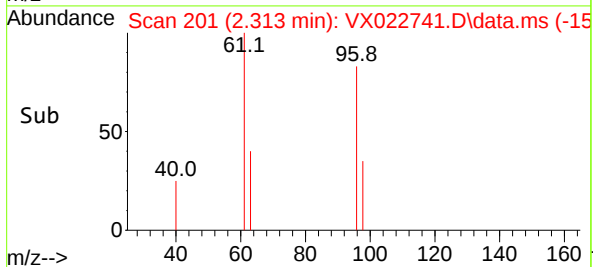
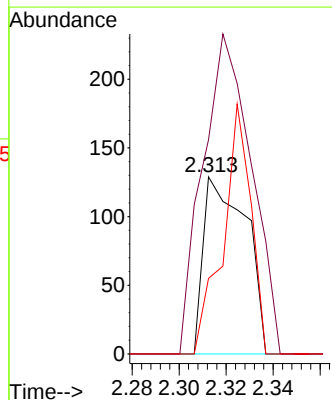
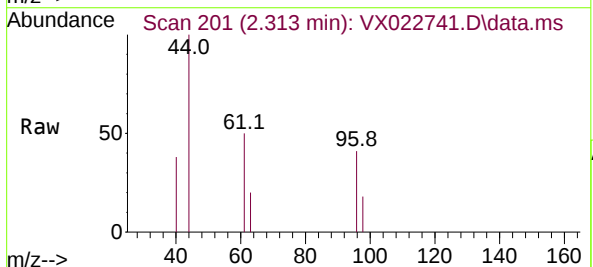
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

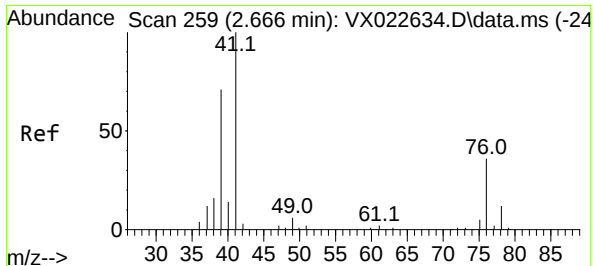
Tgt Ion:168 Resp: 55889
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#12
1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 96 Resp: 162
Ion Ratio Lower Upper
96 100
61 120.9 124.6 187.0#
98 42.6 50.6 76.0#

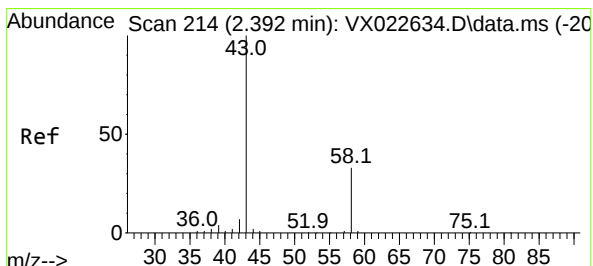
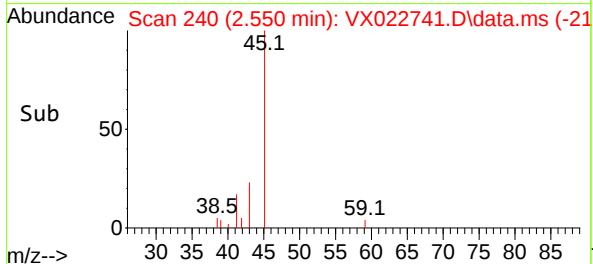
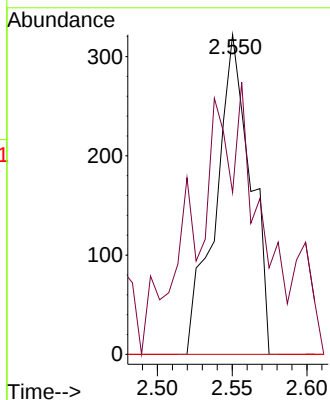
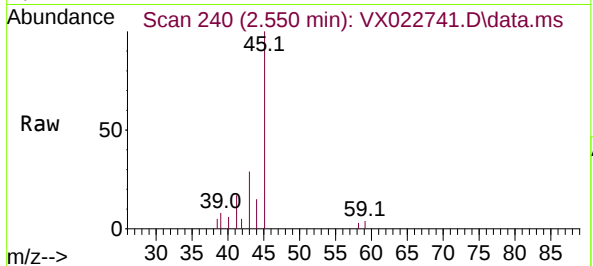




#14
 Allyl chloride
 Concen: 0.40 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX022741.D
 Acq: 17 Jun 2021 15:28

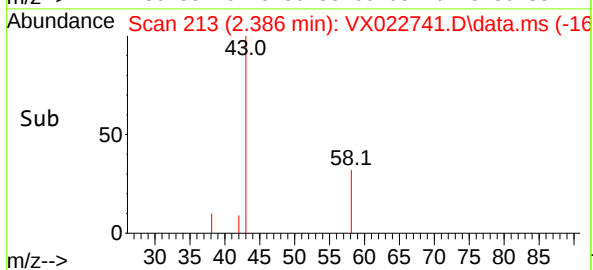
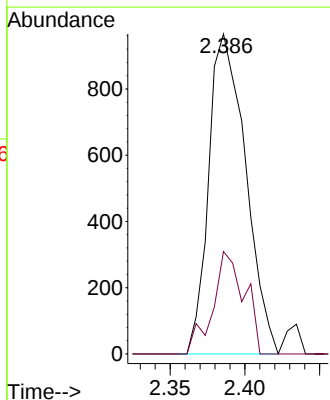
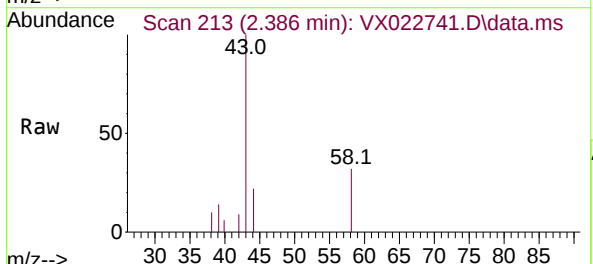
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210616

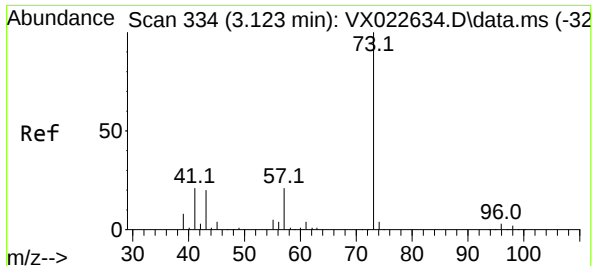
Tgt Ion: 41	Resp: 524
Ion Ratio	Lower Upper
41 100	
39 92.2	51.6 77.4#
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: 3.68 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022741.D
 Acq: 17 Jun 2021 15:28

Tgt Ion: 43	Resp: 1655
Ion Ratio	Lower Upper
43 100	
58 32.0	27.8 41.8



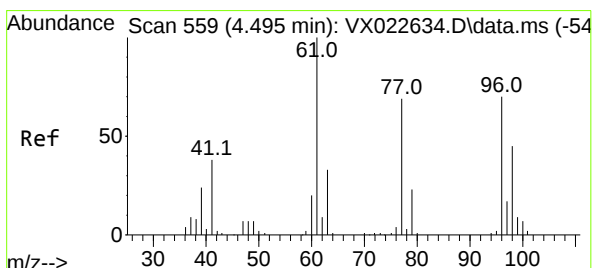
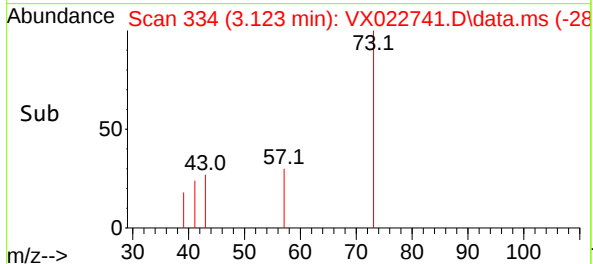
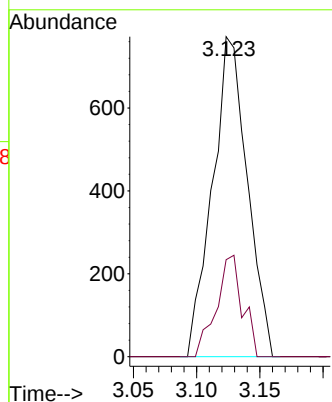
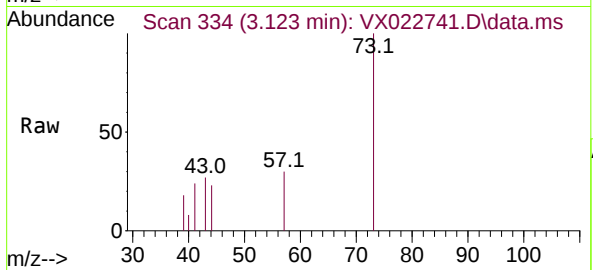


#19

Methyl tert-butyl Ether
Concen: 0.63 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

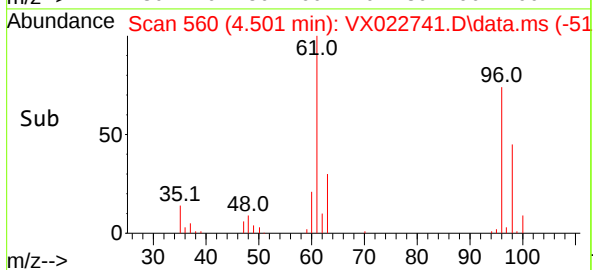
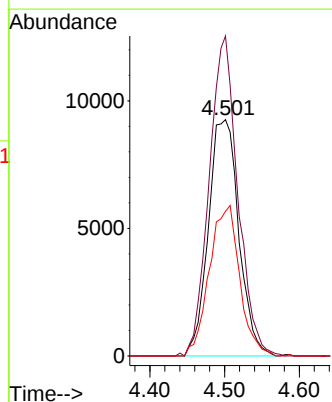
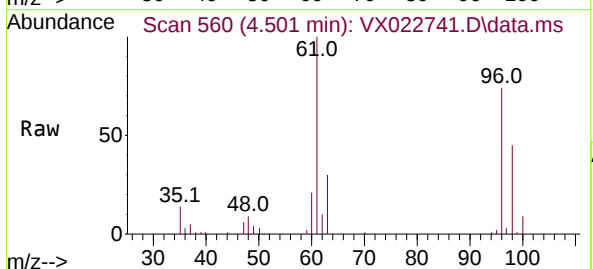
Tgt Ion: 73 Resp: 1481
Ion Ratio Lower Upper
73 100
57 30.3 17.1 25.7#

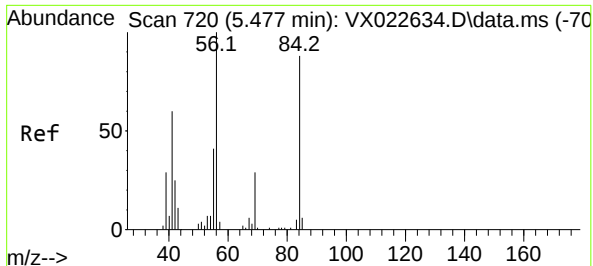


#27

cis-1,2-Dichloroethene
Concen: 28.57 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 96 Resp: 26176
Ion Ratio Lower Upper
96 100
61 127.5 0.0 285.6
98 63.4 0.0 129.6

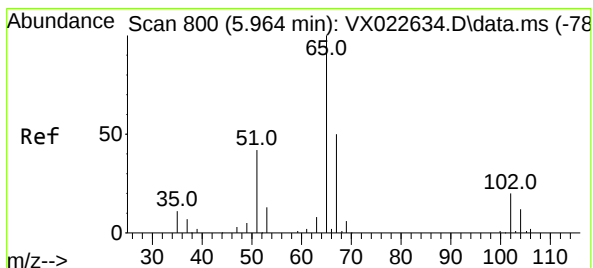
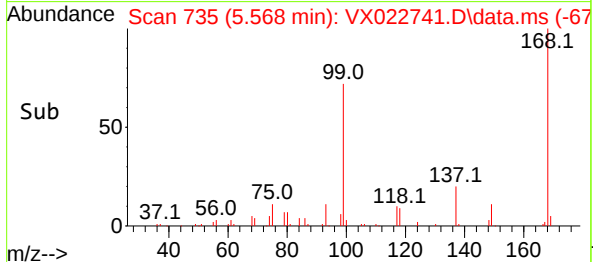
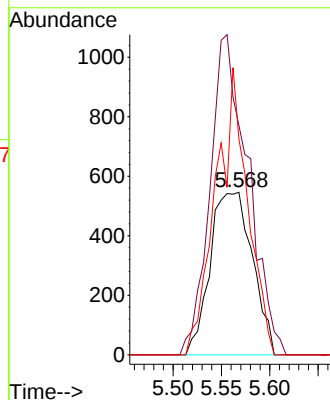
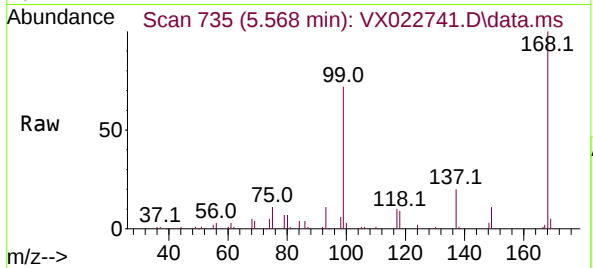




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

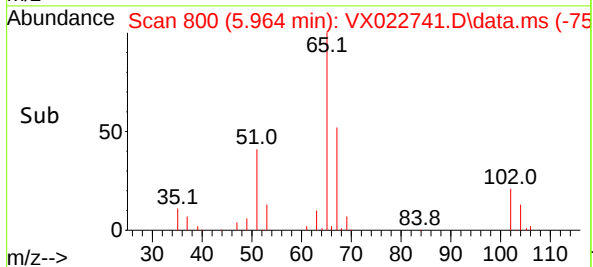
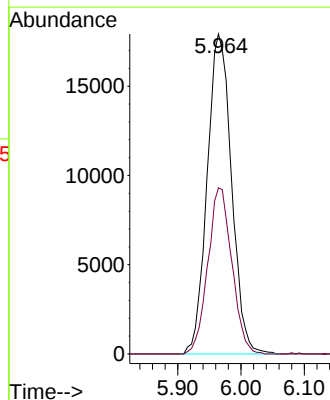
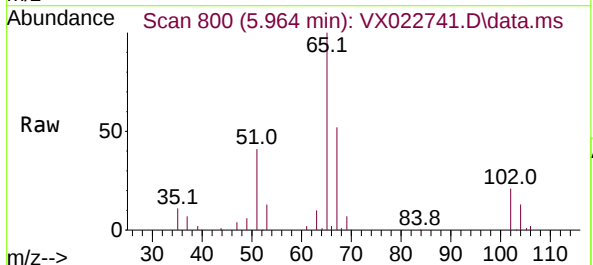
Instrument :
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ClientSampleId :
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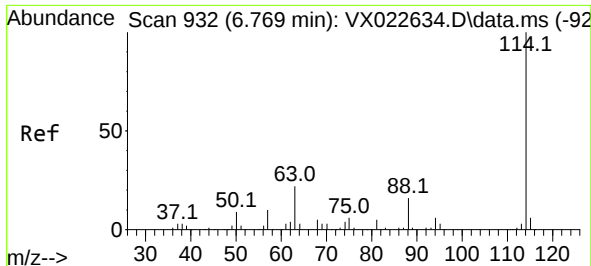
Tgt Ion: 56 Resp: 1659
Ion Ratio Lower Upper
56 100
69 141.2 25.3 37.9#
84 132.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.70 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 65 Resp: 47942
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

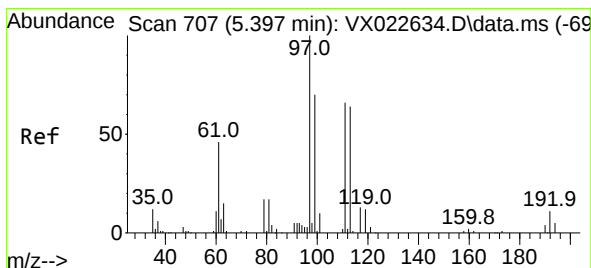
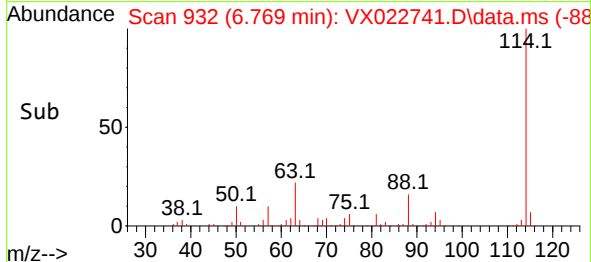
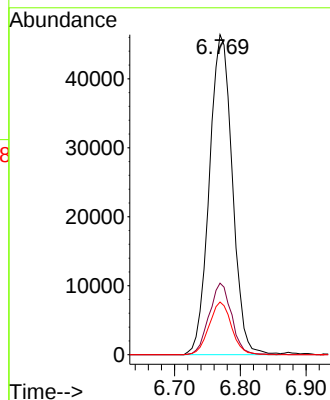
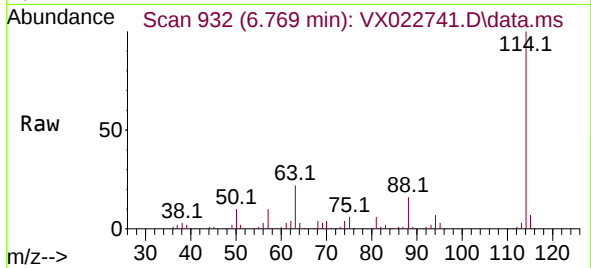




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

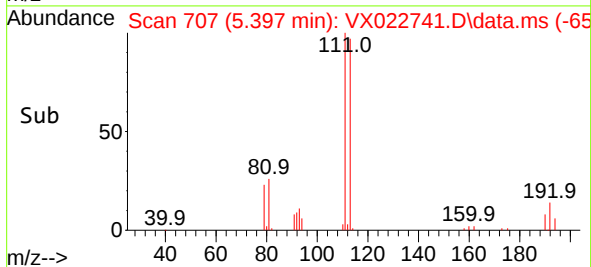
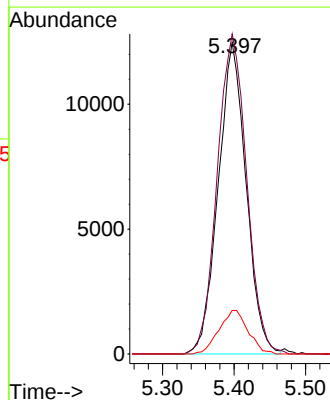
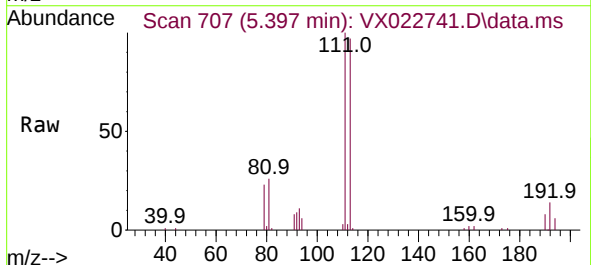
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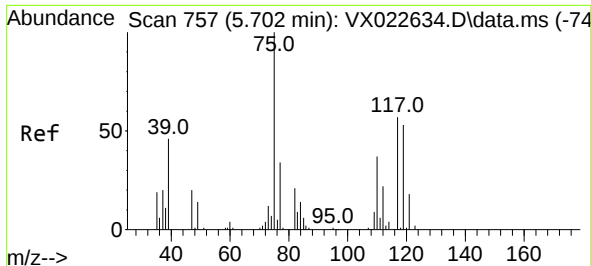
Tgt Ion:114 Resp: 112972
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.91 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion:113 Resp: 33815
Ion Ratio Lower Upper
113 100
111 108.1 81.9 122.9
192 14.6 16.7 25.1#

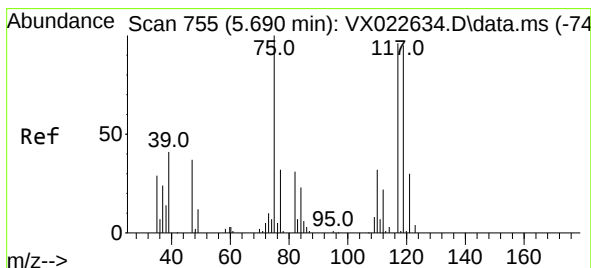
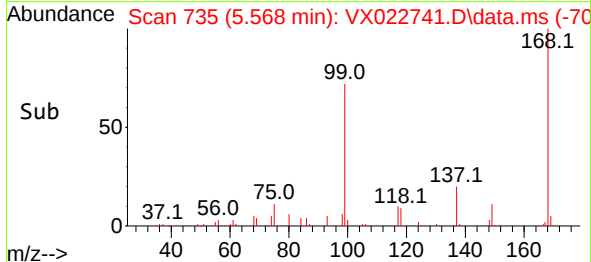
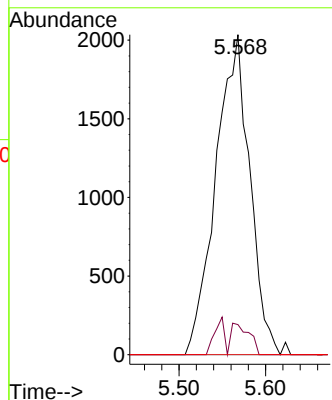
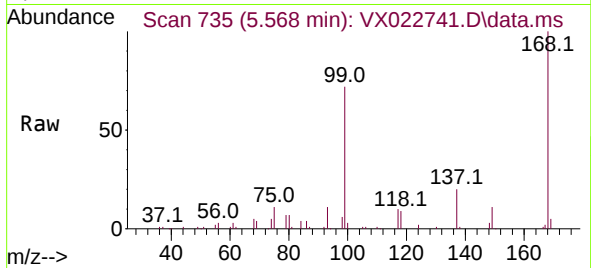




#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

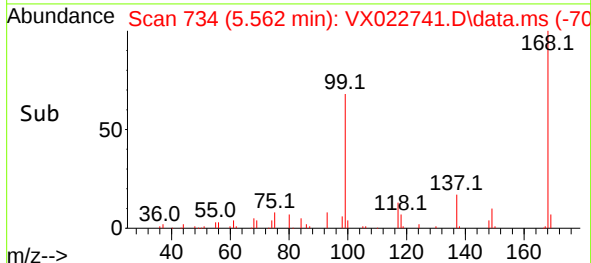
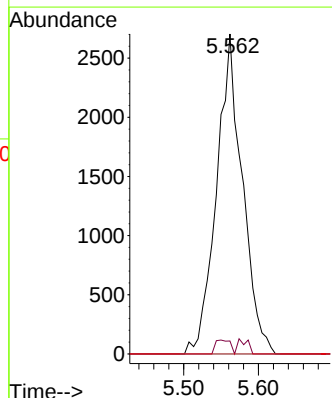
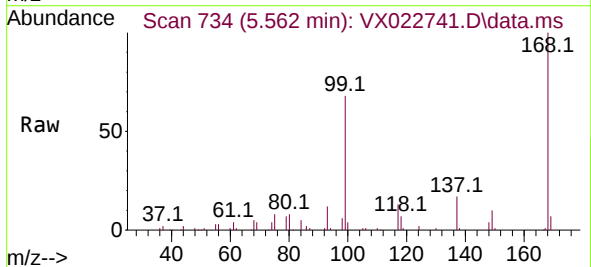
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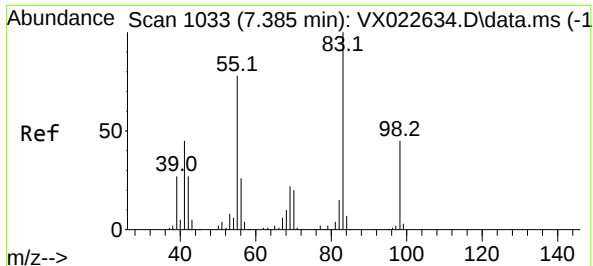
Tgt Ion: 75 Resp: 5538
Ion Ratio Lower Upper
75 100
110 5.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 117 Resp: 6511
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.03 ug/l

RT: 7.135 min Scan# 992

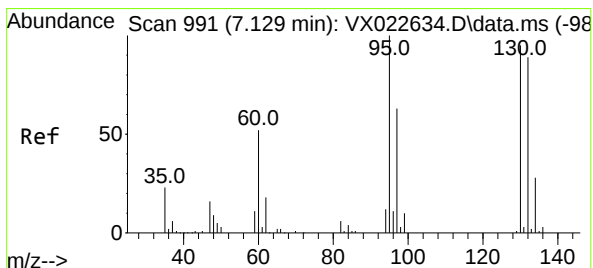
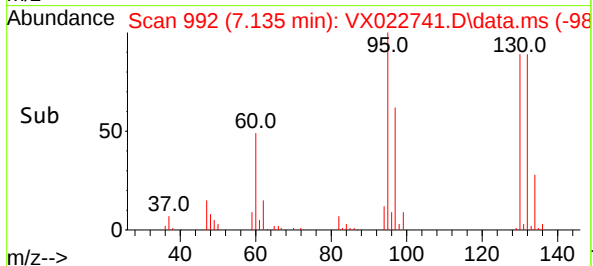
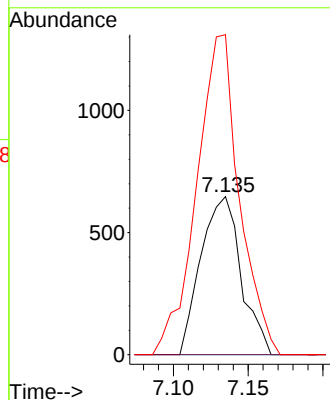
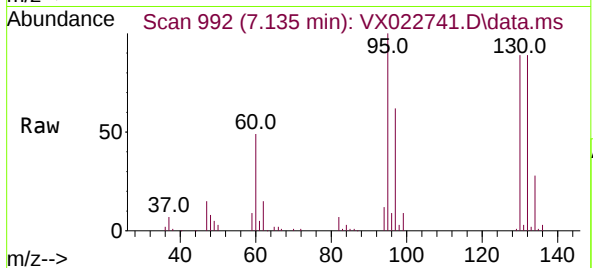
Delta R.T. -0.250 min

Lab File: VX022741.D

Acq: 17 Jun 2021 15:28

Tgt Ion: 83	Resp:	1210
Ion	Ratio	Lower Upper
83	100	
55	0.0	58.9 88.3#
98	202.5	38.1 57.1#

Instrument :
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#44

Trichloroethene

Concen: 114.99 ug/l

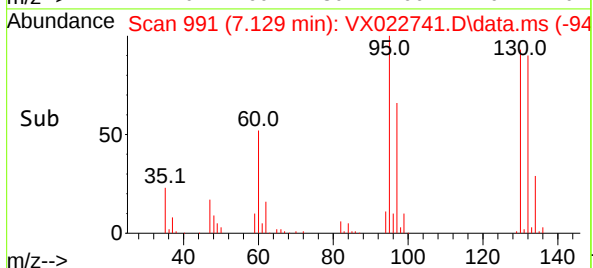
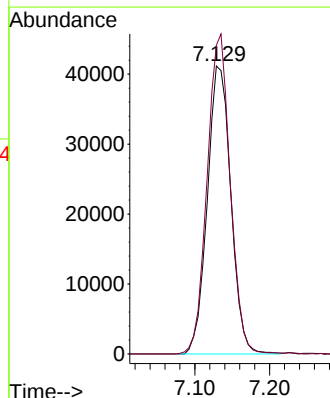
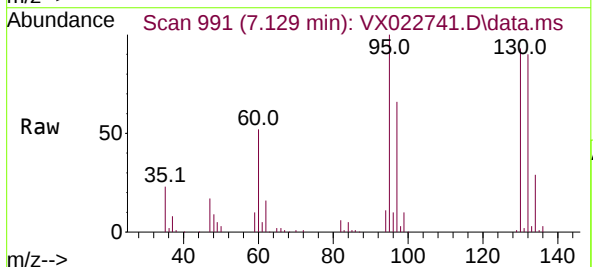
RT: 7.129 min Scan# 991

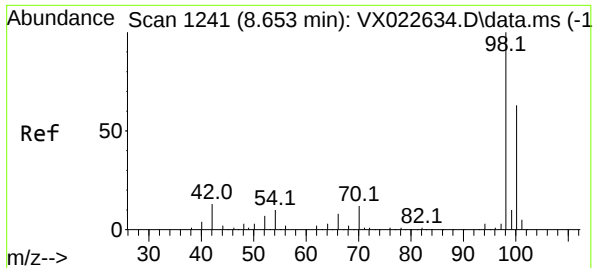
Delta R.T. -0.000 min

Lab File: VX022741.D

Acq: 17 Jun 2021 15:28

Tgt Ion: 130	Resp:	90396
Ion	Ratio	Lower Upper
130	100	
95	106.9	0.0 198.0

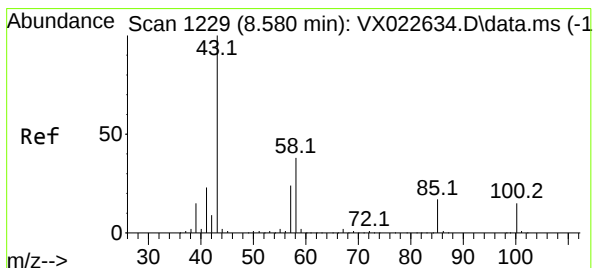
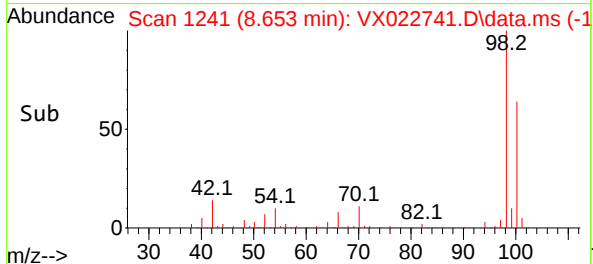
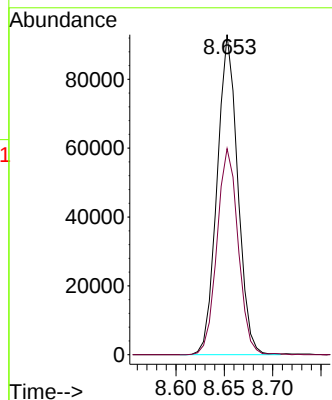
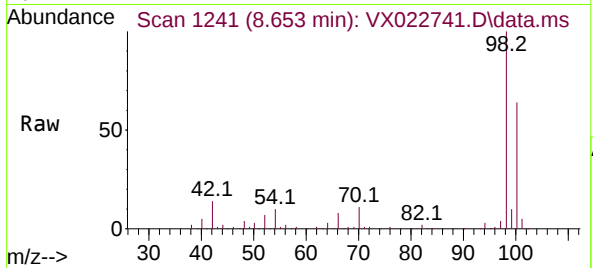




#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

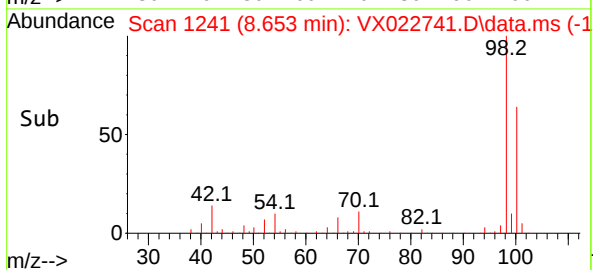
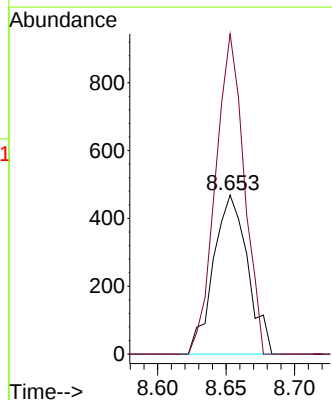
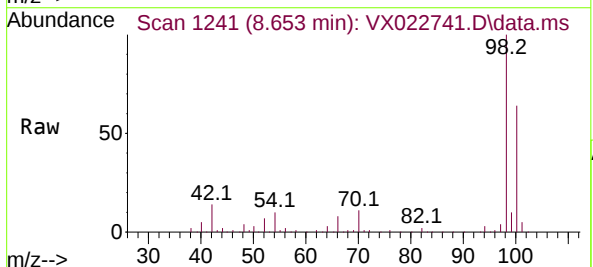
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

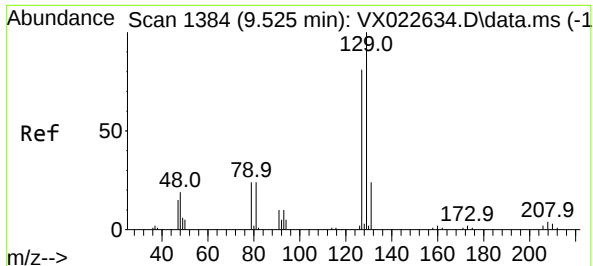
Tgt Ion: 98 Resp: 137387
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 168.7 35.4 53.0#

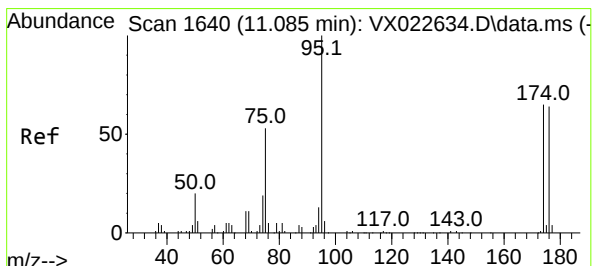
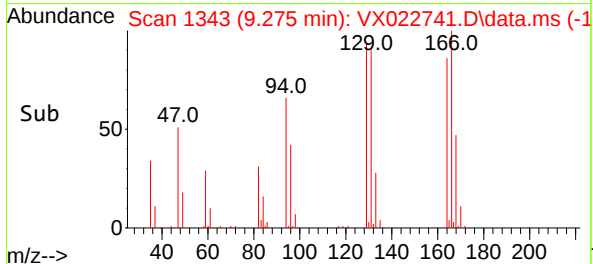
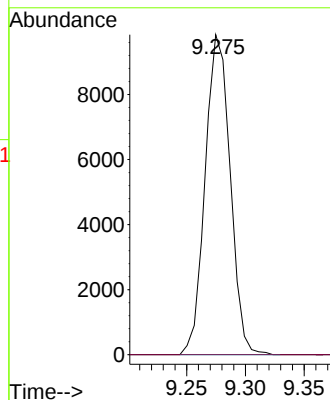
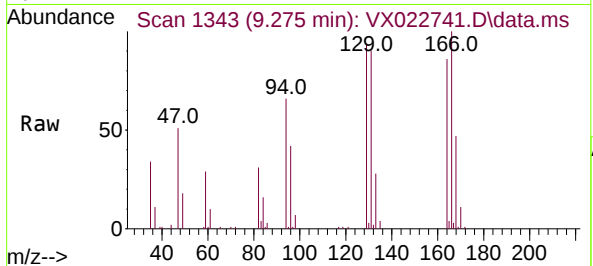




#60
Dibromochloromethane
Concen: 19.46 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

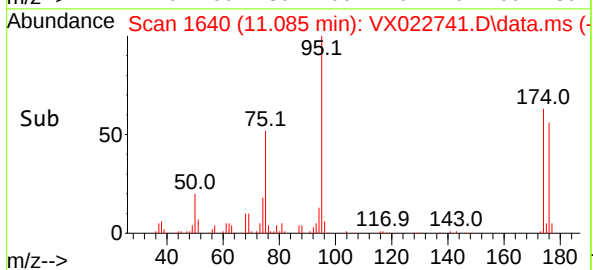
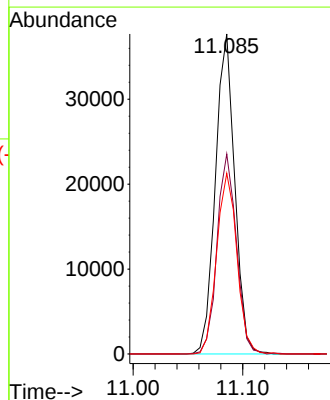
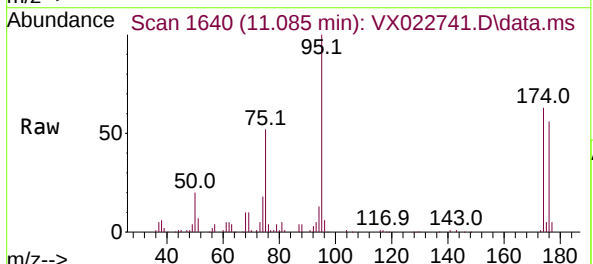
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

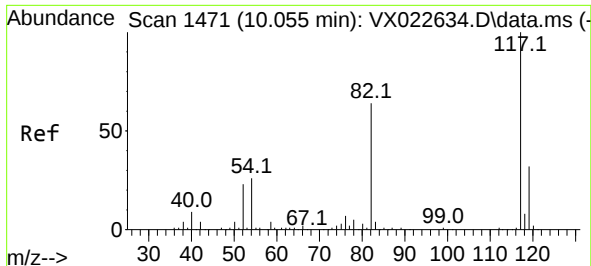
Tgt Ion:129 Resp: 14574
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 95 Resp: 46237
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 59.2 0.0 155.8

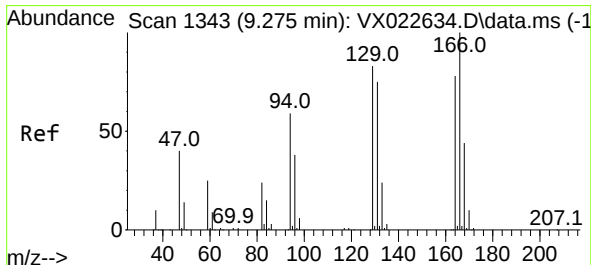
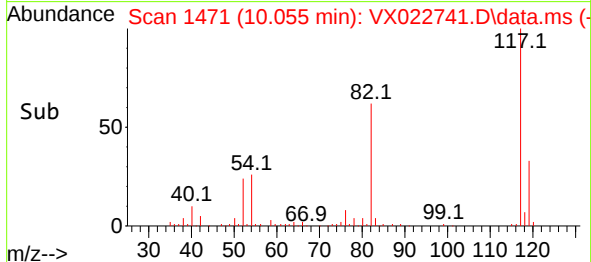
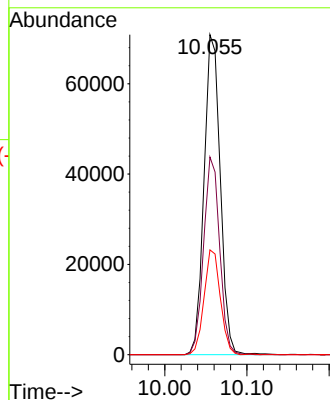
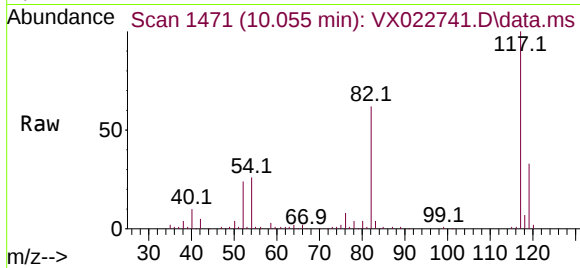




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

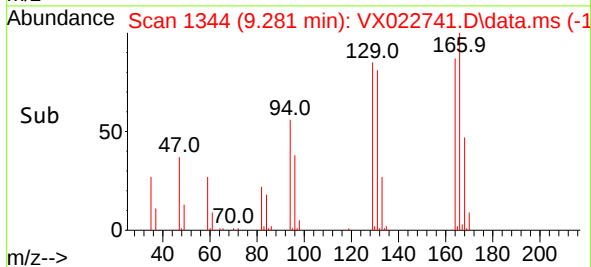
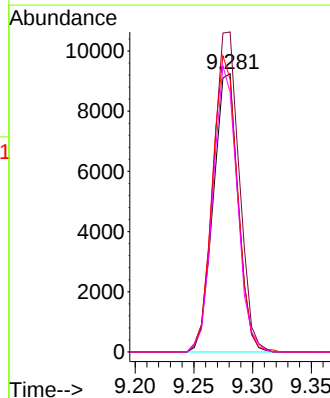
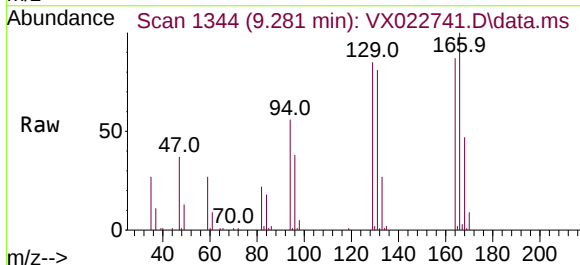
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

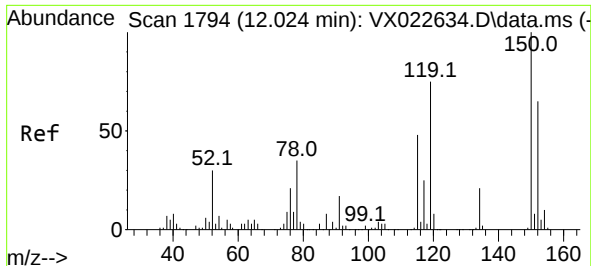
Tgt Ion:	117	Resp:	97161
Ion	Ratio	Lower	Upper
117	100		
82	61.7	47.4	71.2
119	32.7	26.6	39.8



#64
Tetrachloroethene
Concen: 22.08 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion:	164	Resp:	13567
Ion	Ratio	Lower	Upper
164	100		
166	115.0	103.4	155.2
129	98.0	70.8	106.2
131	93.3	72.5	108.7

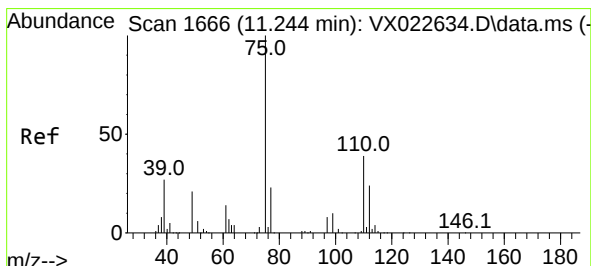
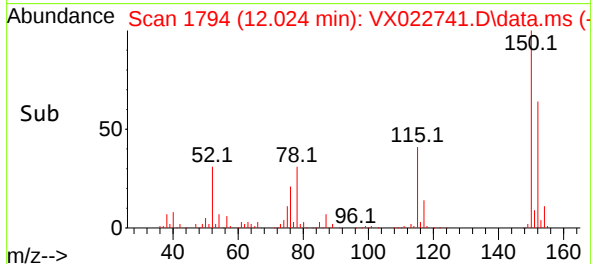
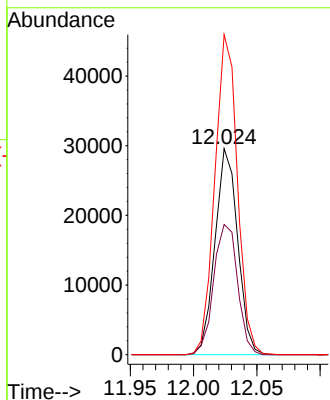
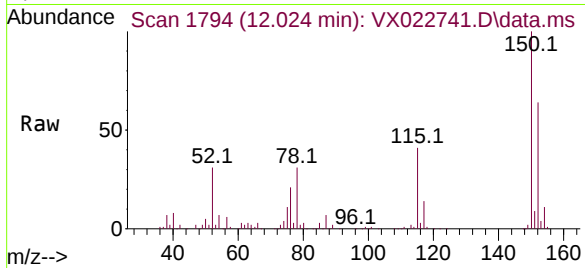




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022741.D
 Acq: 17 Jun 2021 15:28

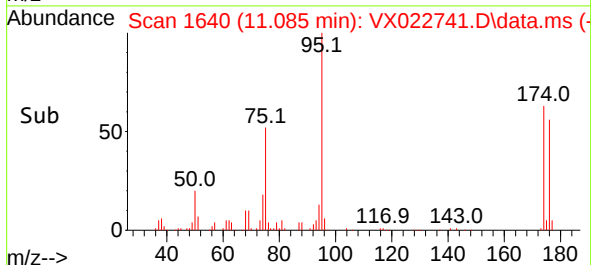
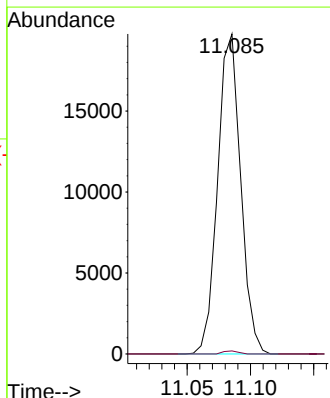
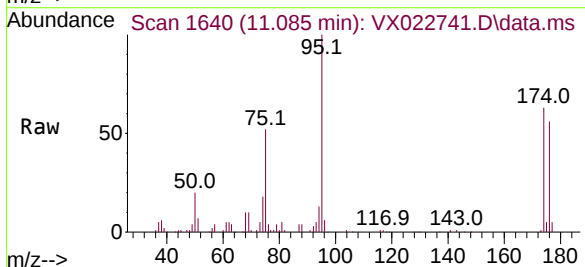
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20210616

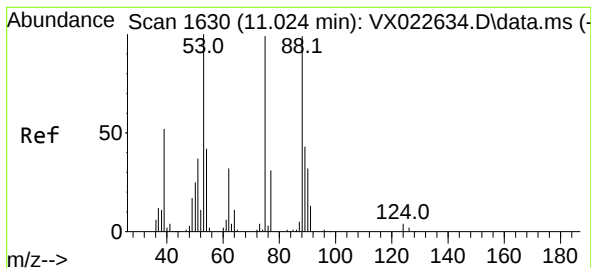
Tgt Ion:152 Resp: 36780
 Ion Ratio Lower Upper
 152 100
 115 66.8 41.1 123.3
 150 154.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.59 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022741.D
 Acq: 17 Jun 2021 15:28

Tgt Ion: 75 Resp: 24958
 Ion Ratio Lower Upper
 75 100
 77 0.6 19.1 57.5#

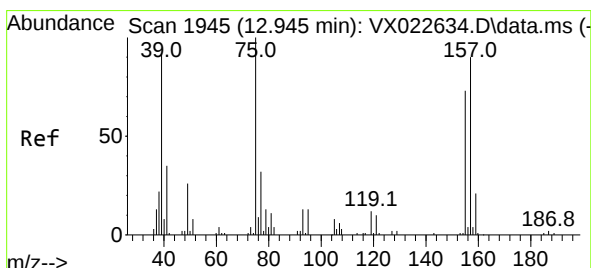
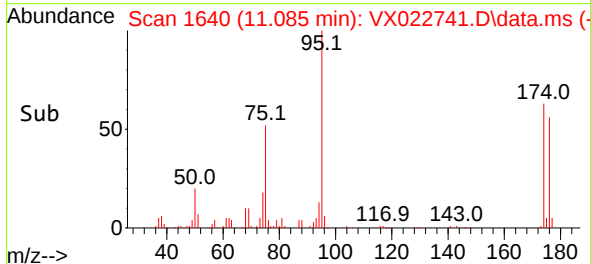
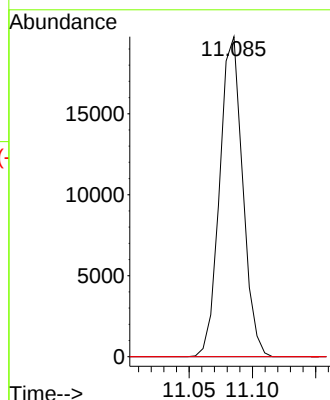
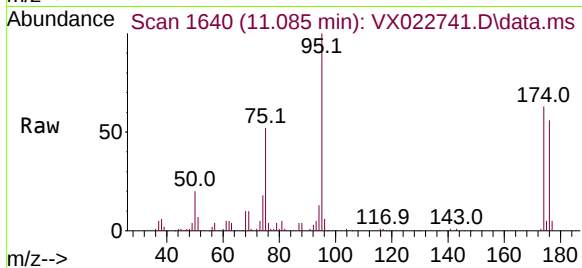




#81
trans-1,4-Dichloro-2-butene
Concen: 64.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20210616

Tgt Ion: 75 Resp: 24958
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.01 ug/l
RT: 12.762 min Scan# 1915
Delta R.T. -0.183 min
Lab File: VX022741.D
Acq: 17 Jun 2021 15:28

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

