

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022730.D
 Acq On : 17 Jun 2021 11:09
 Operator : JC/MD
 Sample : M2750-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20210615

Quant Time: Jun 18 01:15:59 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)

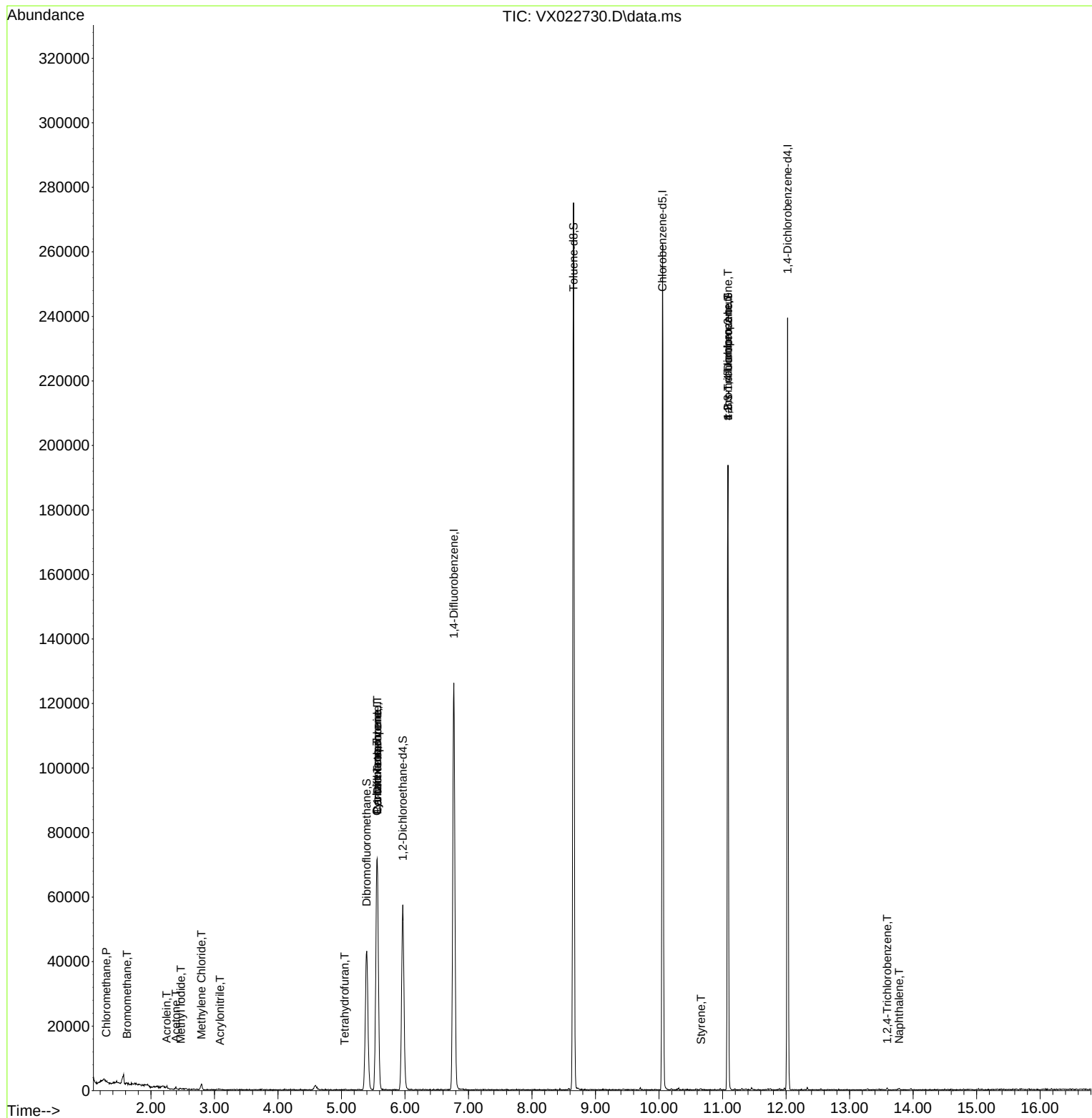
Internal Standards						
1) Pentafluorobenzene	5.562	168	60209	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51524	47.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.16%
35) Dibromofluoromethane	5.397	113	37297	47.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.86%
50) Toluene-d8	8.653	98	150561	48.57	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.085	95	51993	44.35	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.70%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	192	0.22	ug/l	# 42
5) Bromomethane	1.624	94	130	0.28	ug/l	# 77
10) Methyl Iodide	2.471	142	228	0.28	ug/l	# 58
13) Acrolein	2.246	56	26	0.25	ug/l	# 14
15) Acrylonitrile	3.087	53	140	0.28	ug/l	# 55
16) Acetone	2.392	43	516	1.06	ug/l	# 78
20) Methylene Chloride	2.794	84	817	0.60	ug/l	# 75
29) Tetrahydrofuran	5.050	42	101	0.22	ug/l	# 27
31) Cyclohexane	5.556	56	2066	1.58	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6407	5.22	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7158	6.81	ug/l	# 19
70) Styrene	10.659	104	213	1.53	ug/l	# 51
76) 1,2,3-Trichloropropane	11.085	75	28238	25.06	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28238	63.09	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	236	0.29	ug/l	# 68
95) Naphthalene	13.780	128	418	1.59	ug/l	# 69

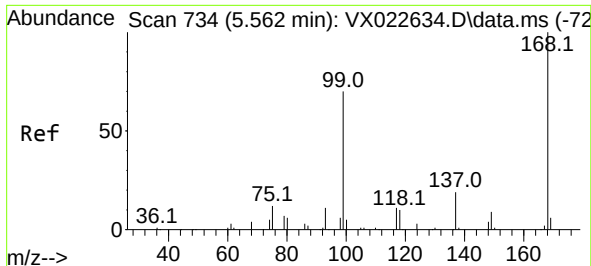
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
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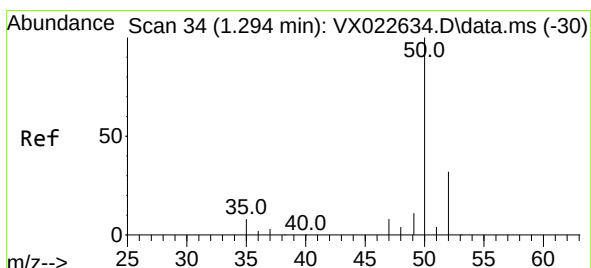
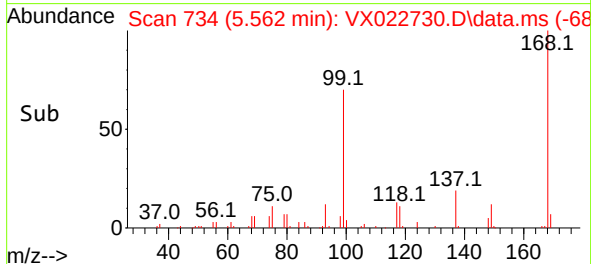
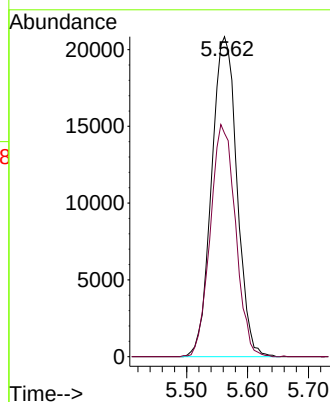
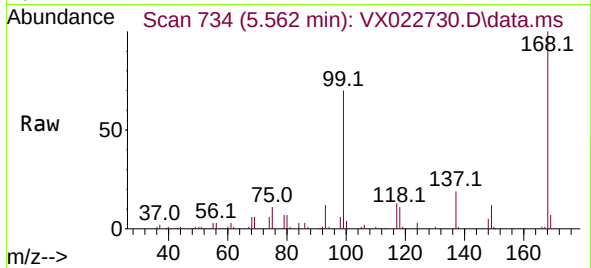




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

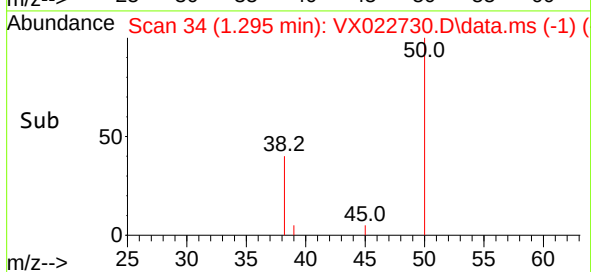
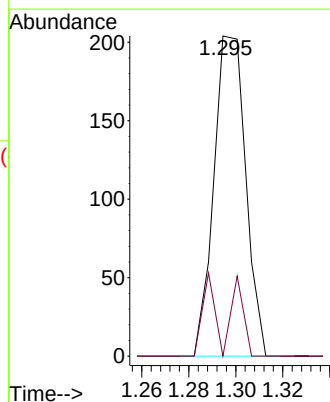
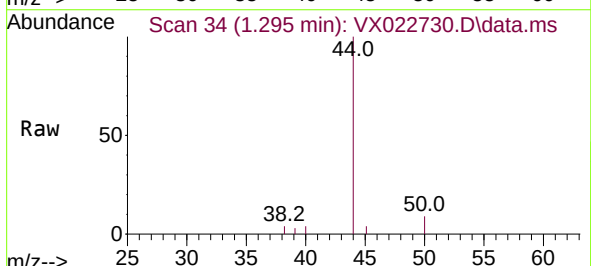
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

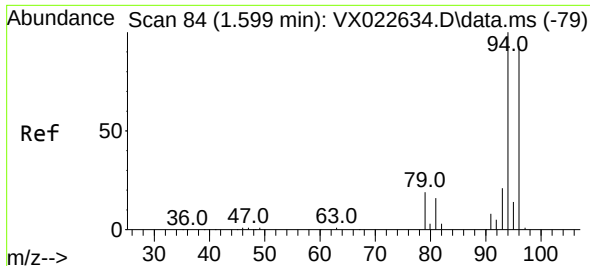
Tgt Ion:168 Resp: 60209
Ion Ratio Lower Upper
168 100
99 69.8 45.8 68.6#



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

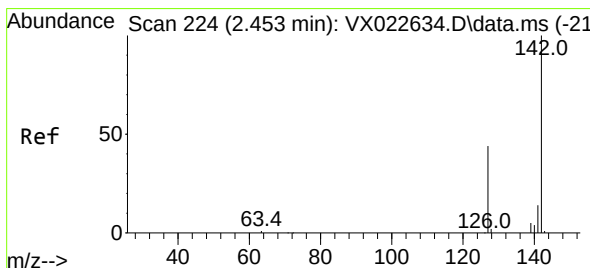
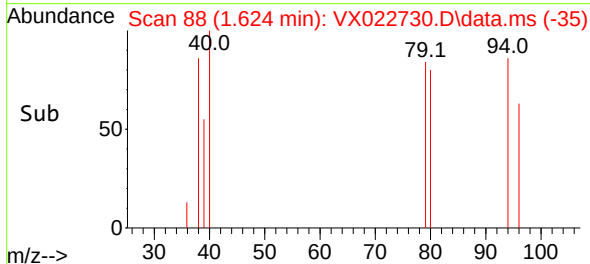
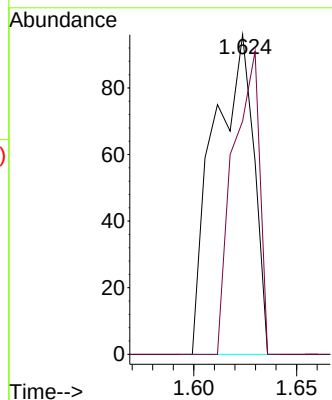
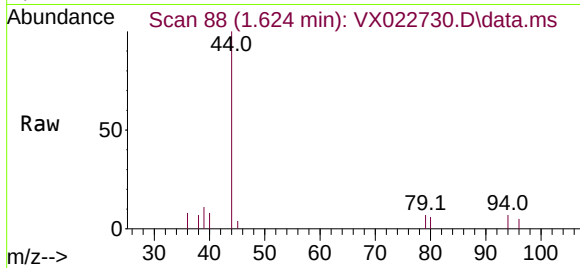




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

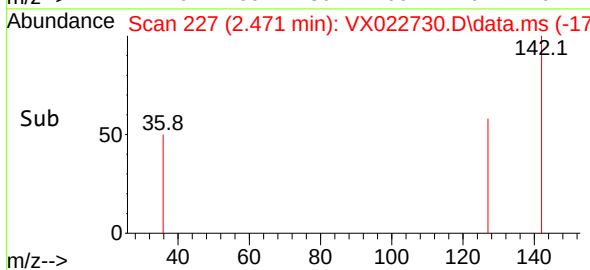
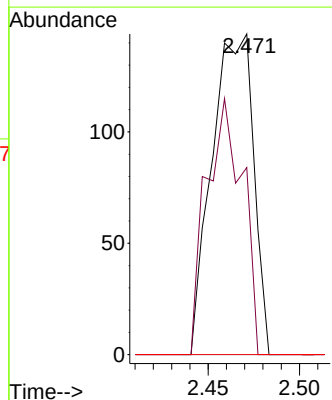
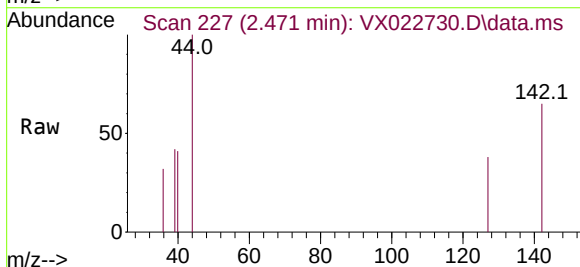
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

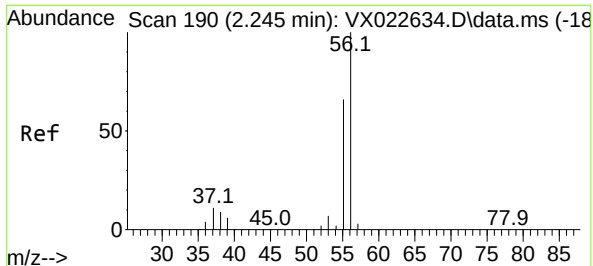
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 72.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 142 Resp: 228
Ion Ratio Lower Upper
142 100
127 69.7 33.3 49.9#
141 0.0 11.4 17.0#

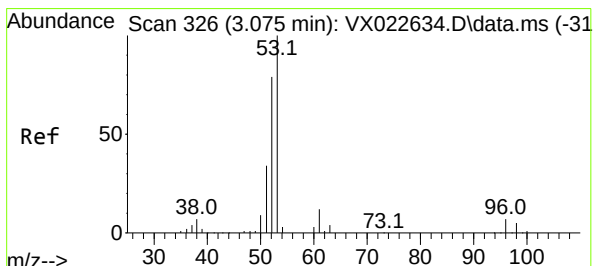
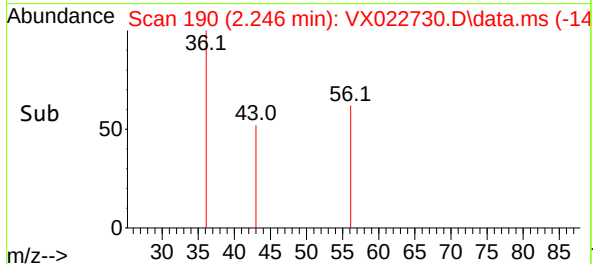
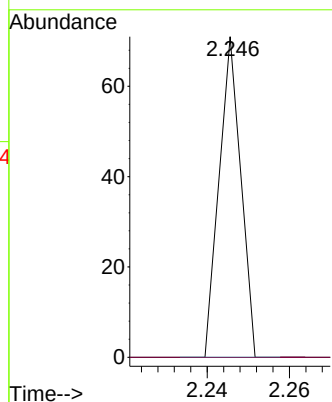
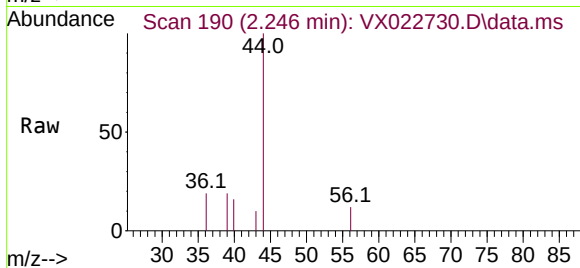




#13
Acrolein
Concen: 0.25 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

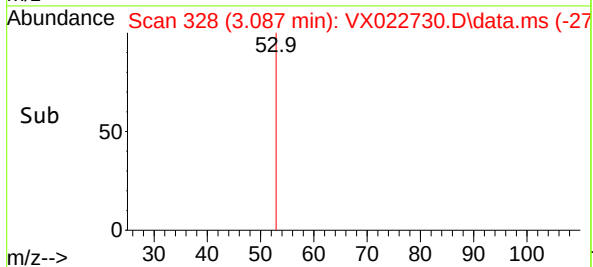
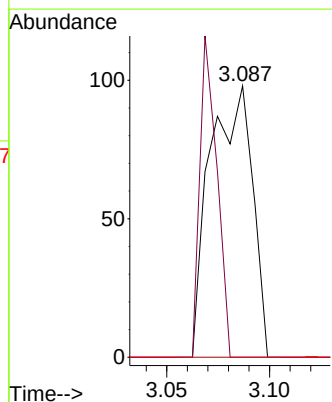
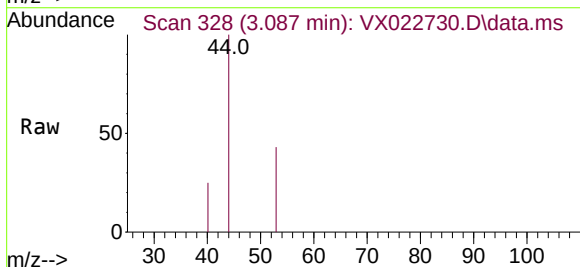
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

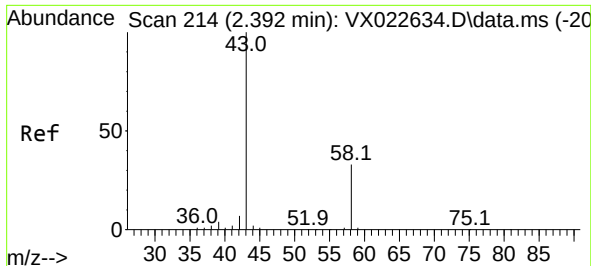
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 53 Resp: 140
Ion Ratio Lower Upper
53 100
52 47.9 65.3 97.9#
51 0.0 28.2 42.2#

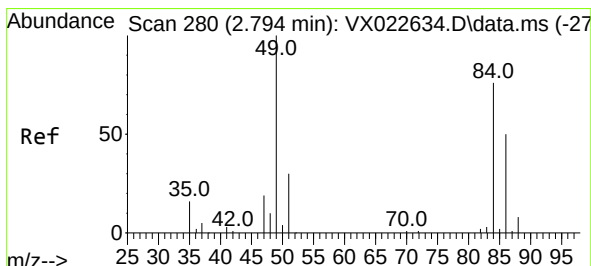
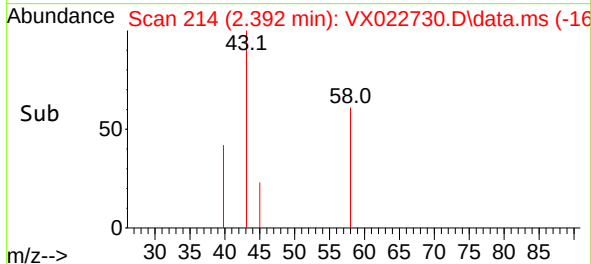
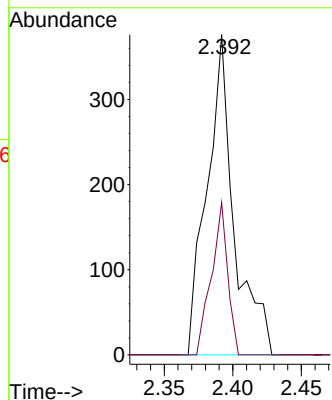
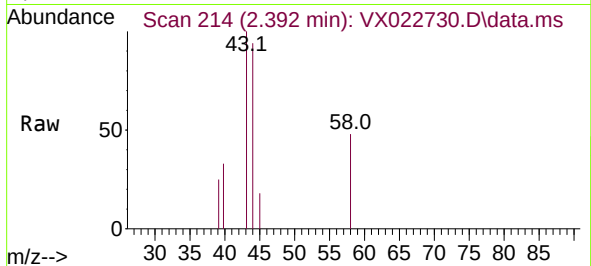




#16
Acetone
Concen: 1.06 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

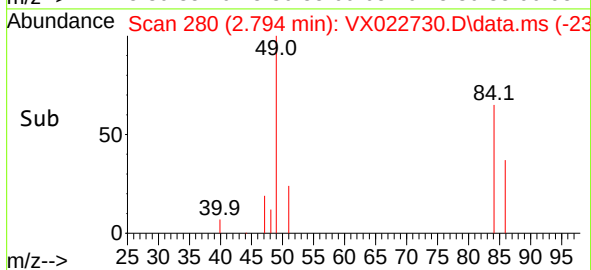
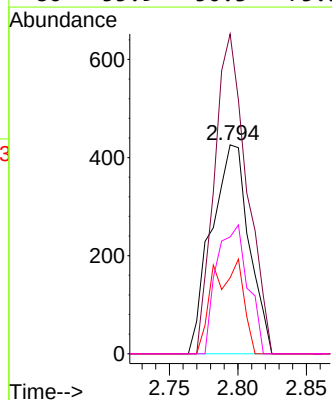
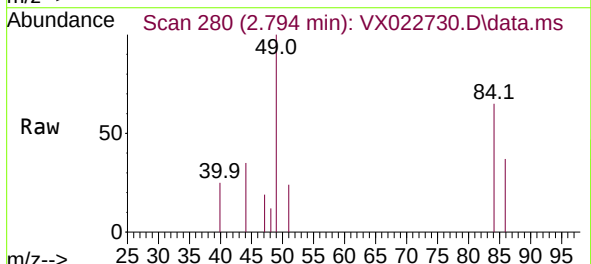
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

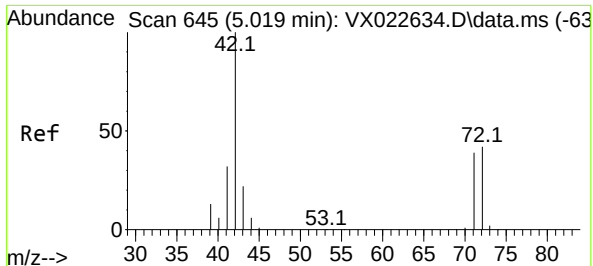
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 47.6 27.8 41.8#



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 84 Resp: 817
Ion Ratio Lower Upper
84 100
49 153.1 88.6 132.8#
51 36.4 27.0 40.6
86 55.9 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.050 min Scan# 650

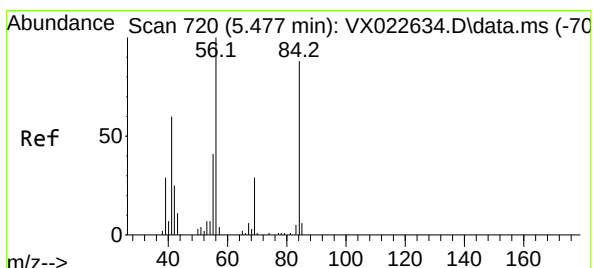
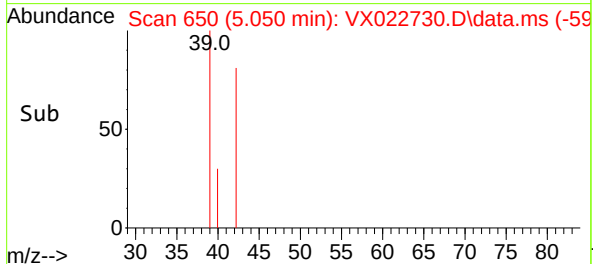
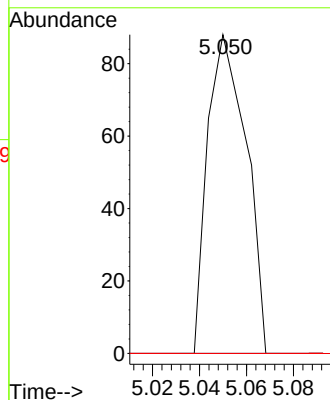
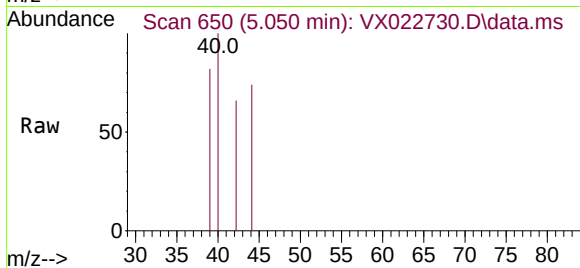
Delta R.T. 0.037 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

Tgt Ion:	42	Resp:	101
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615



#31

Cyclohexane

Concen: 1.58 ug/l

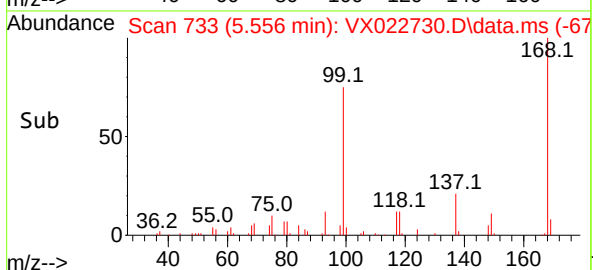
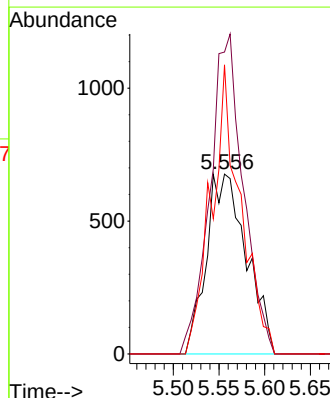
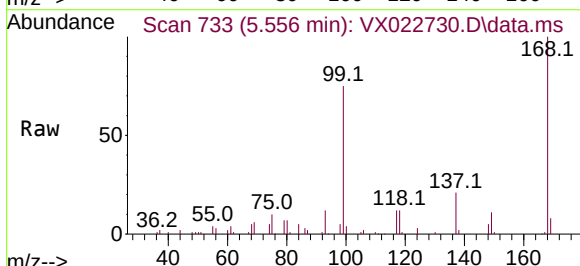
RT: 5.556 min Scan# 733

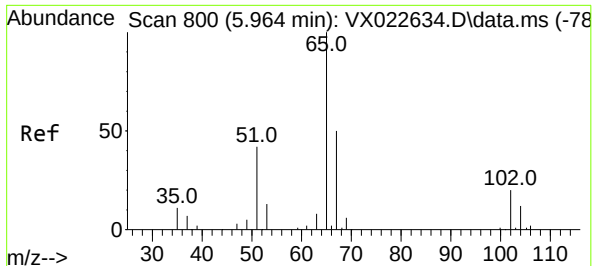
Delta R.T. 0.079 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

Tgt Ion:	56	Resp:	2066
Ion	Ratio	Lower	Upper
56	100		
69	167.8	25.3	37.9#
84	160.7	71.4	107.0#

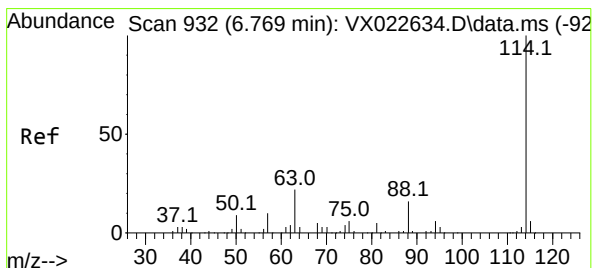
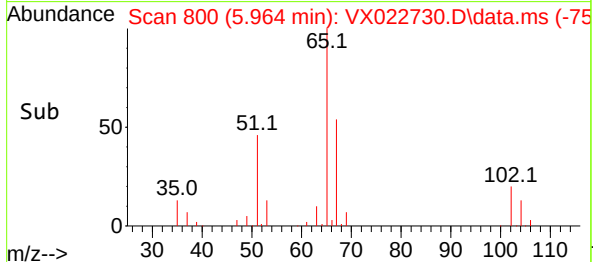
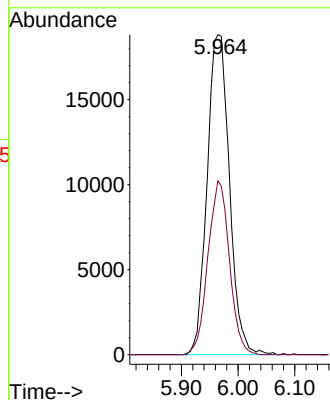
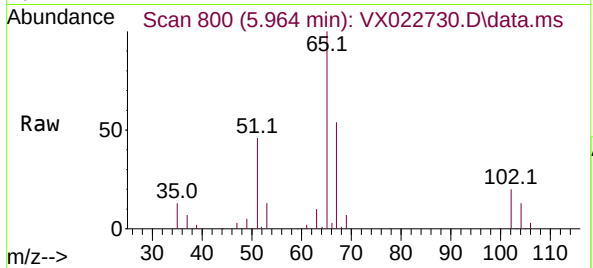




#33
 1,2-Dichloroethane-d4
 Concen: 47.58 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022730.D
 Acq: 17 Jun 2021 11:09

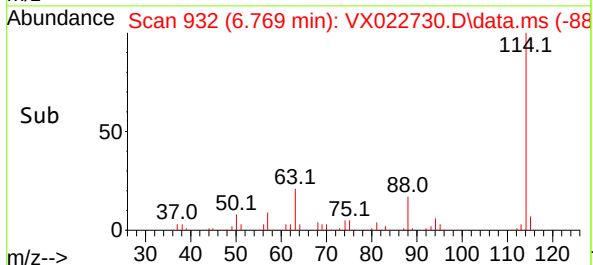
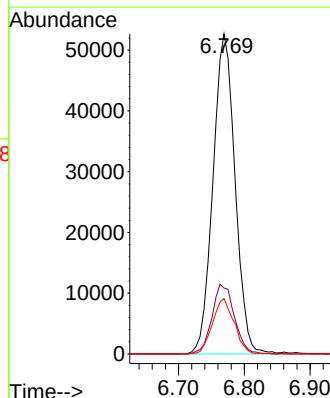
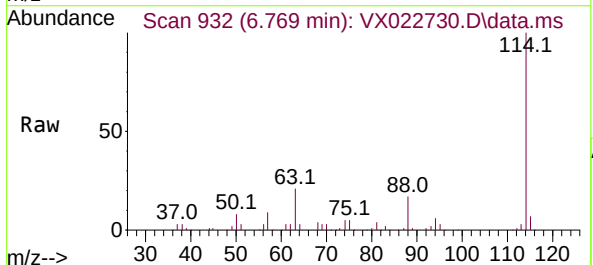
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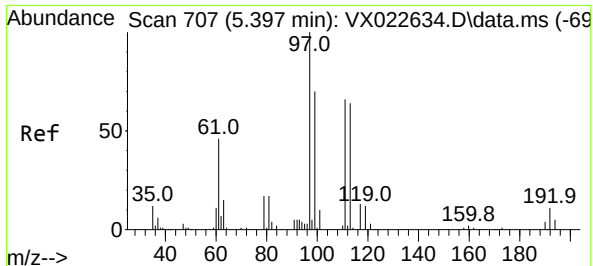
Tgt Ion: 65 Resp: 51524
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022730.D
 Acq: 17 Jun 2021 11:09

Tgt Ion: 114 Resp: 123240
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.43 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

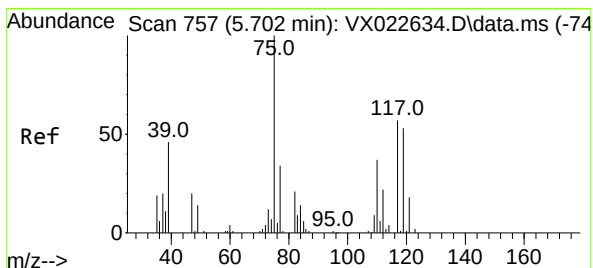
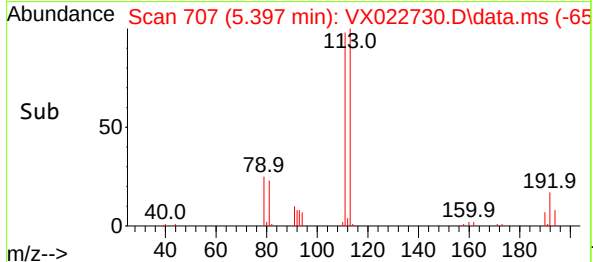
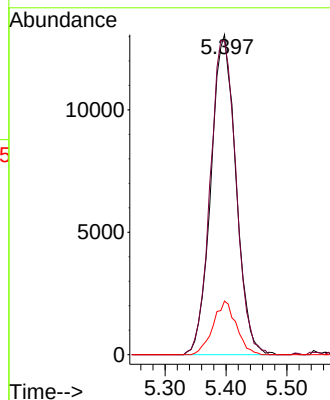
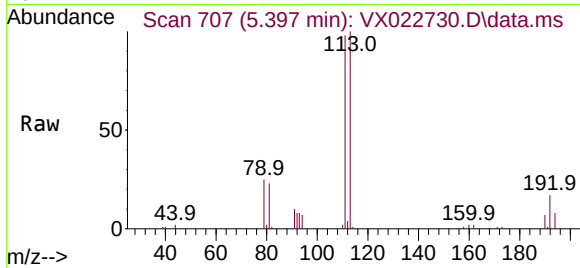
Tgt Ion:113 Resp: 37297

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.22 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

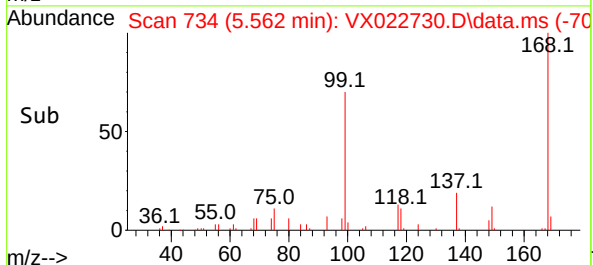
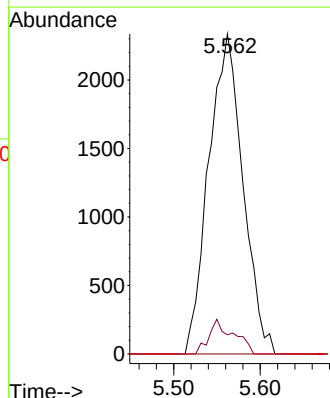
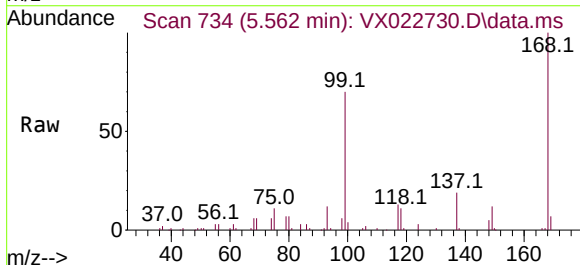
Tgt Ion: 75 Resp: 6407

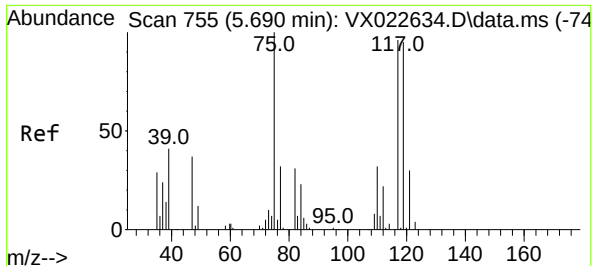
Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

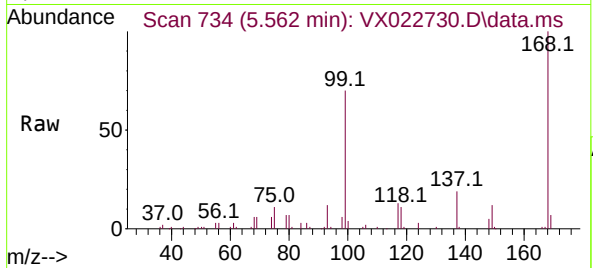
77 0.0 25.3 37.9#



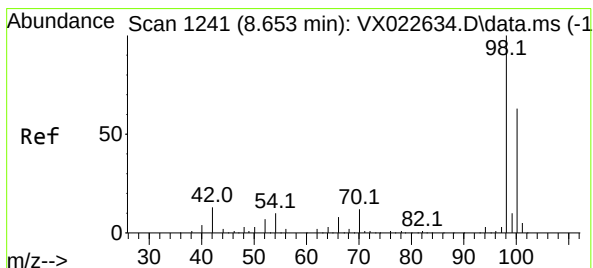
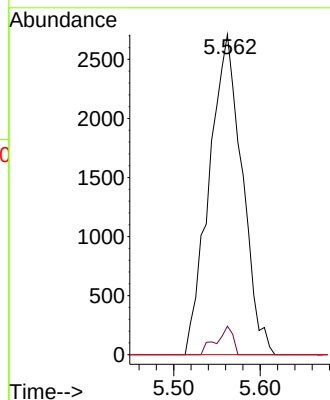
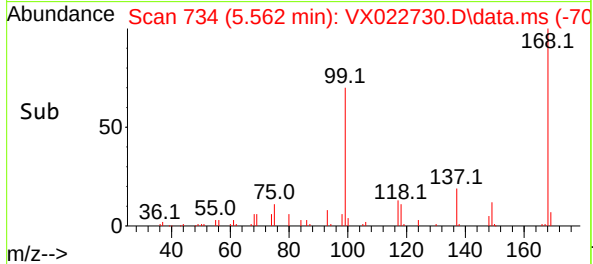


#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

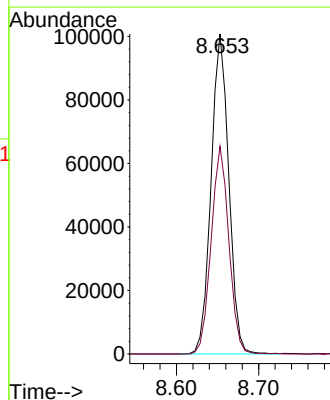
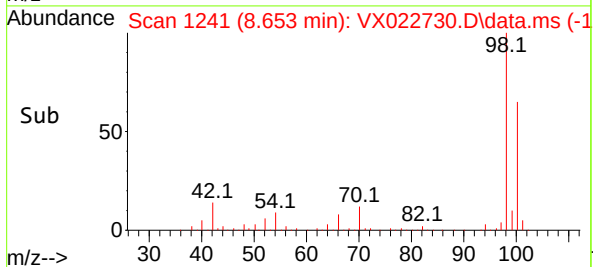
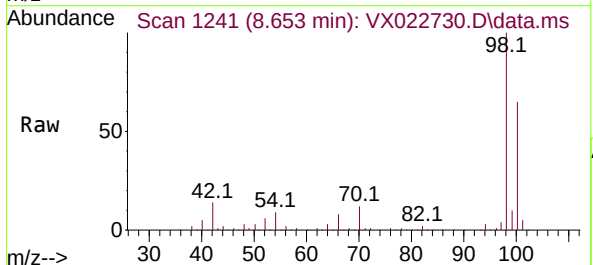


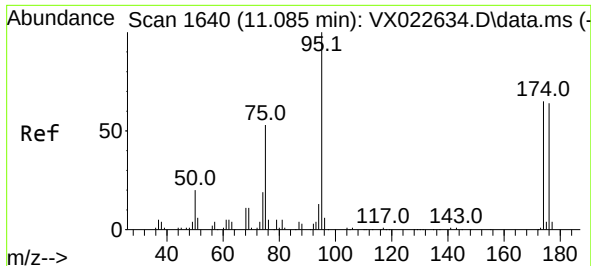
Tgt Ion:117 Resp: 7158
Ion Ratio Lower Upper
117 100
119 8.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 98 Resp: 150561
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

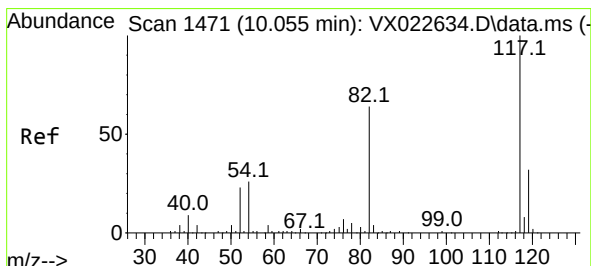
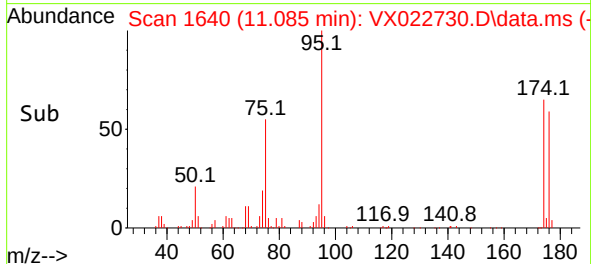
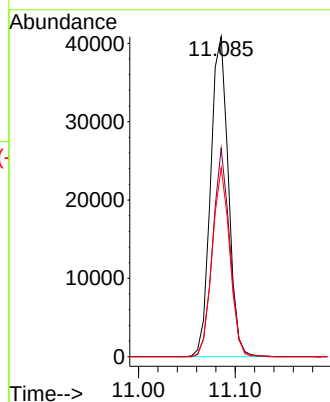
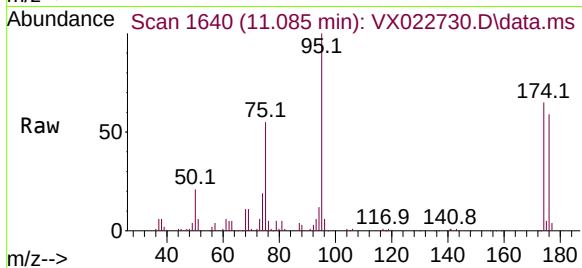




#62
4-Bromofluorobenzene
Concen: 44.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

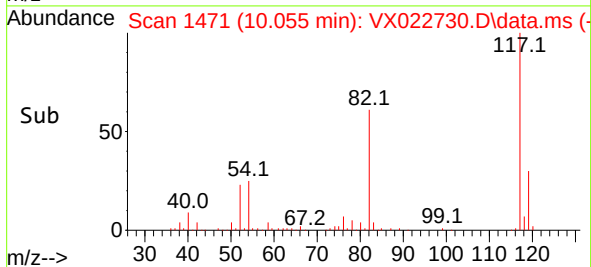
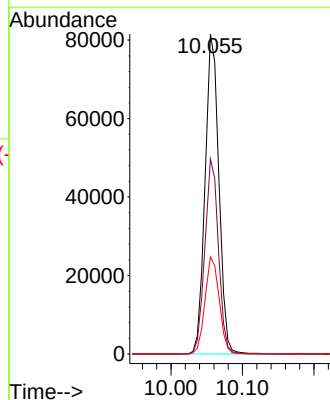
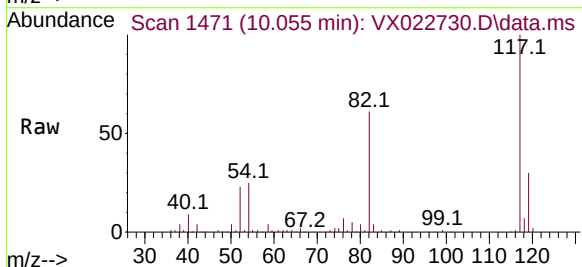
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

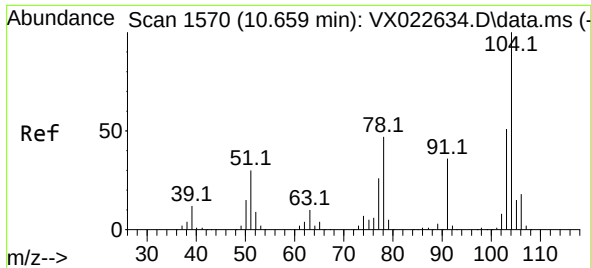
Tgt Ion: 95 Resp: 51993
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 58.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 117 Resp: 109295
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 30.4 26.6 39.8





#70

Styrene

Concen: 1.53 ug/l

RT: 10.659 min Scan# 1570

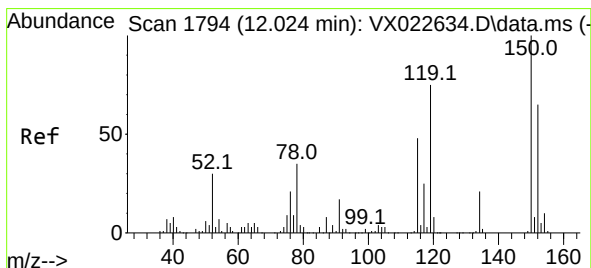
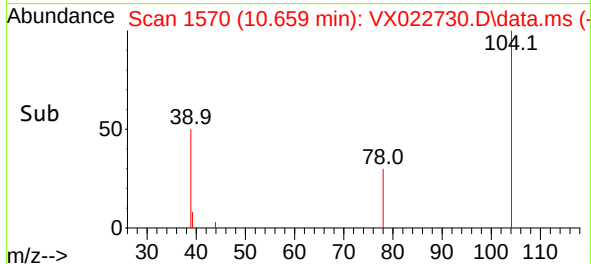
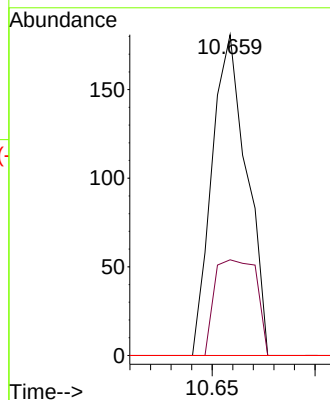
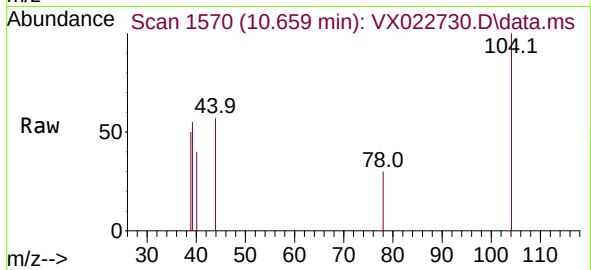
Delta R.T. -0.000 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

Tgt Ion:	104	Resp:	213
Ion	Ratio	Lower	Upper
104	100		
78	35.7	40.0	60.0#
103	0.0	43.4	65.0#

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

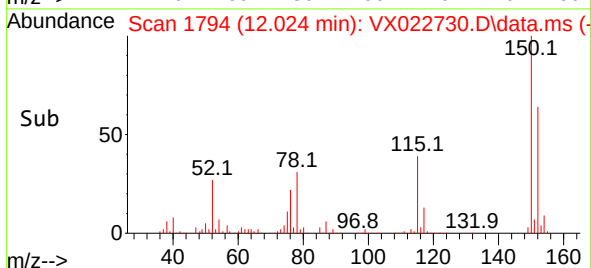
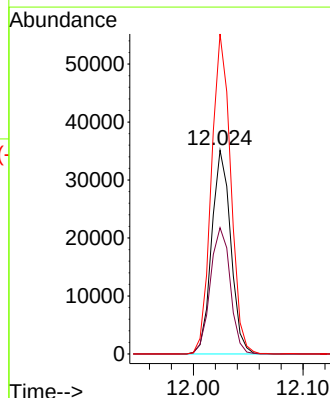
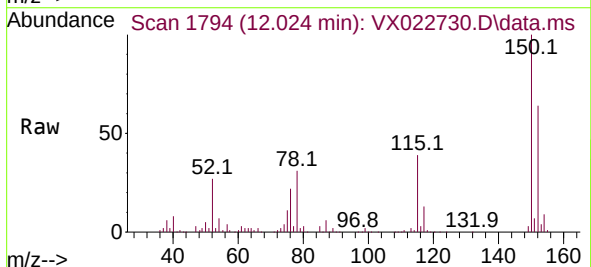
RT: 12.024 min Scan# 1794

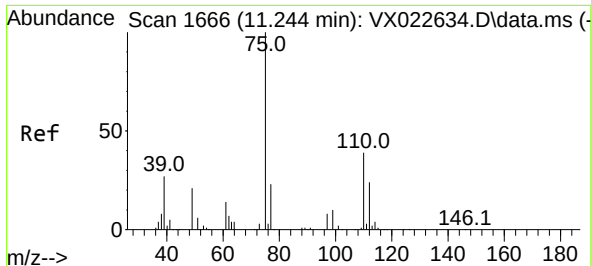
Delta R.T. 0.000 min

Lab File: VX022730.D

Acq: 17 Jun 2021 11:09

Tgt Ion:	152	Resp:	42496
Ion	Ratio	Lower	Upper
152	100		
115	64.7	41.1	123.3
150	158.8	0.0	349.0

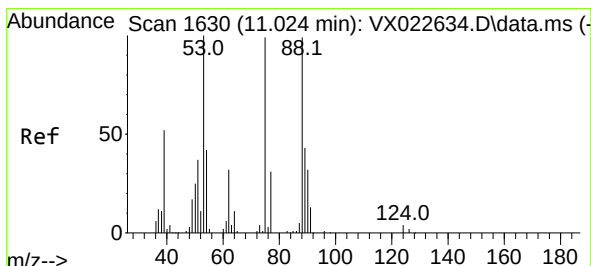
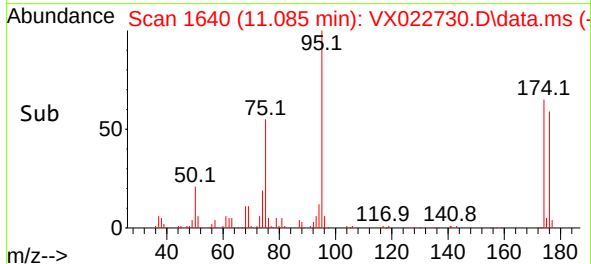
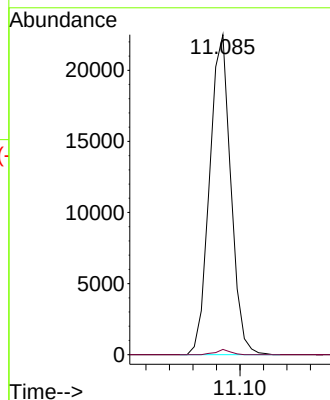
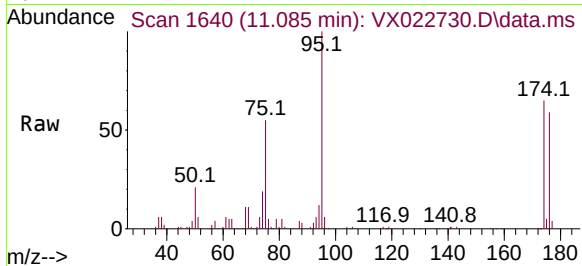




#76
1,2,3-Trichloropropane
Concen: 25.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

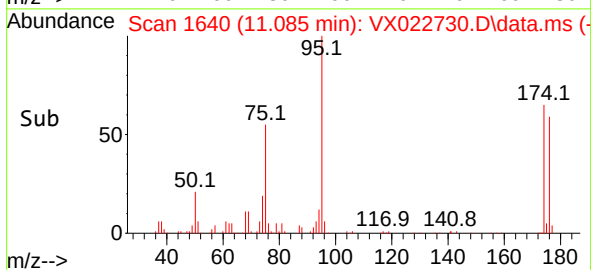
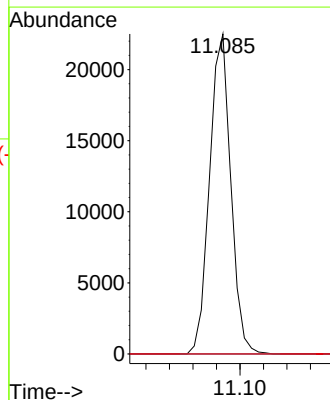
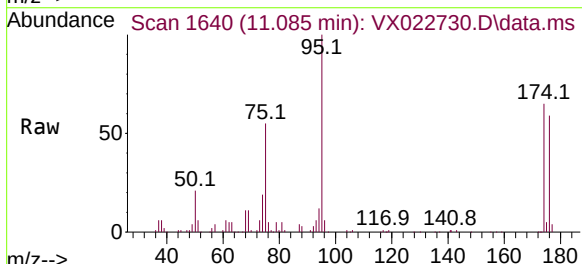
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

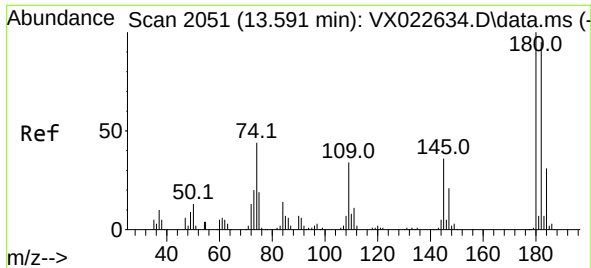
Tgt Ion: 75 Resp: 28238
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion: 75 Resp: 28238
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

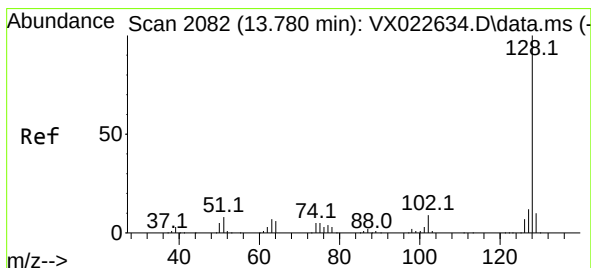
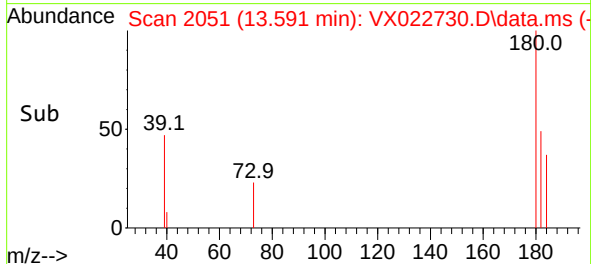
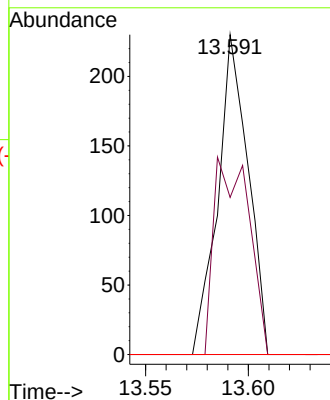
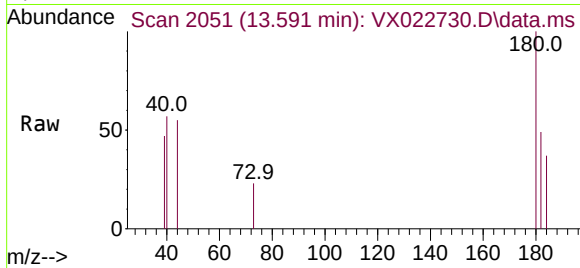




#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210615

Tgt Ion:180 Resp: 236
Ion Ratio Lower Upper
180 100
182 71.2 47.7 143.1
145 0.0 15.0 45.0#



#95
Naphthalene
Concen: 1.59 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022730.D
Acq: 17 Jun 2021 11:09

Tgt Ion:128 Resp: 418
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

