

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022673.D
 Acq On : 11 Jun 2021 17:30
 Operator : JC/MD
 Sample : M2703-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210609007-03-TRIP-BLANK

Quant Time: Jun 12 02:30:57 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)

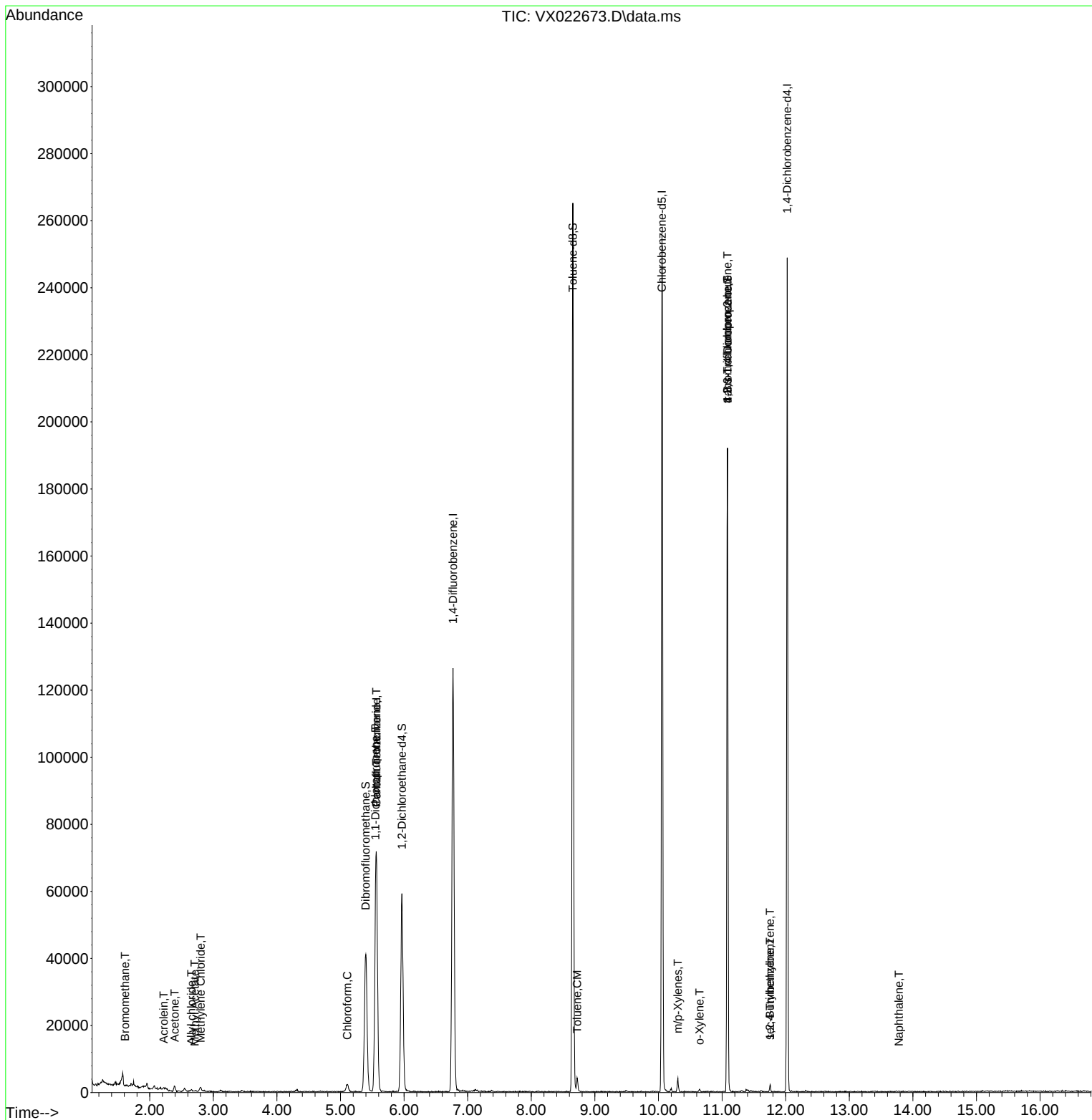
Internal Standards						
1) Pentafluorobenzene	5.562	168	60402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42544	50.000	ug/l	0.00

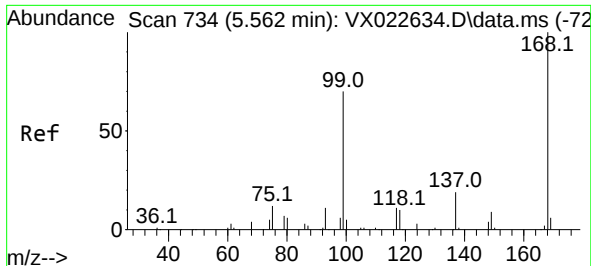
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52019	47.886	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.780%
35) Dibromofluoromethane	5.397	113	35692	45.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.000%
50) Toluene-d8	8.653	98	149089	48.210	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	52191	44.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.240%

Target Compounds			Qvalue			
5) Bromomethane	1.611	94	134	0.293	ug/l #	53
13) Acrolein	2.221	56	23	0.218	ug/l #	1
14) Allyl chloride	2.654	41	365	0.257	ug/l #	53
16) Acetone	2.392	43	1887	3.879	ug/l #	82
18) Methyl Acetate	2.709	43	375	0.256	ug/l #	47
20) Methylene Chloride	2.800	84	577	0.339	ug/l #	90
30) Chloroform	5.105	83	2697	1.662	ug/l	97
36) 1,1-Dichloropropene	5.550	75	6255	5.106	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7228	6.897	ug/l #	12
52) Toluene	8.720	92	1440	0.635	ug/l	99
68) m/p-Xylenes	10.305	106	965	0.640	ug/l	97
69) o-Xylene	10.646	106	298	0.204	ug/l	67
76) 1,2,3-Trichloropropane	11.085	75	28488	25.255	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28488	63.528	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	1022	0.346	ug/l	70
85) sec-Butylbenzene	11.756	105	1022	0.286	ug/l #	57
95) Naphthalene	13.780	128	262	1.545	ug/l #	69

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

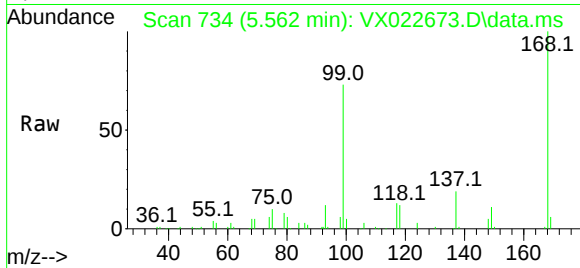
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



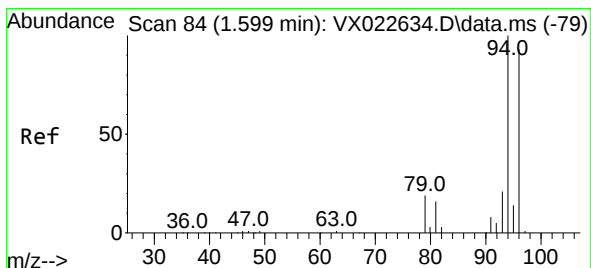
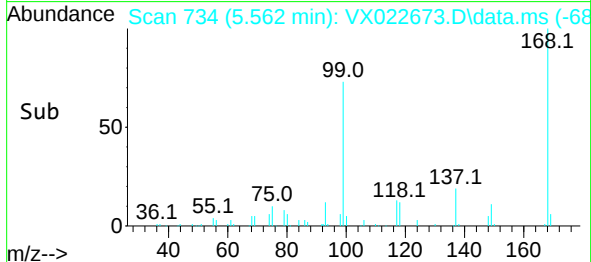
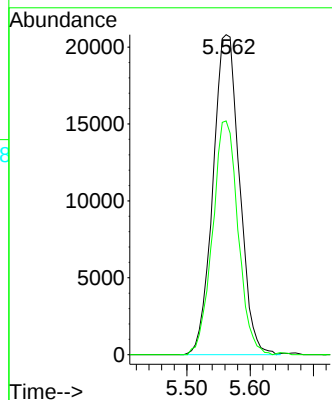


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

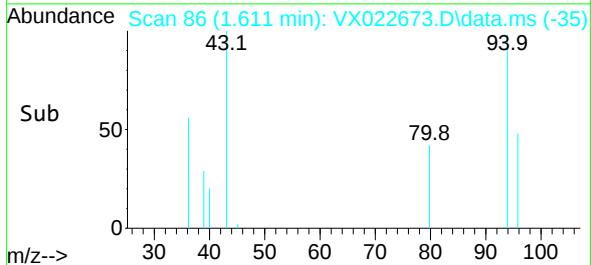
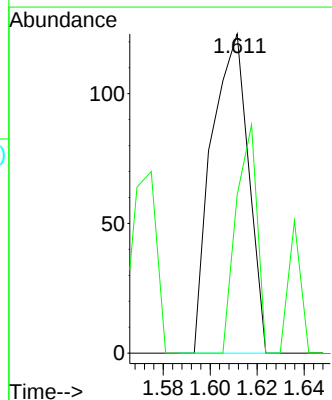
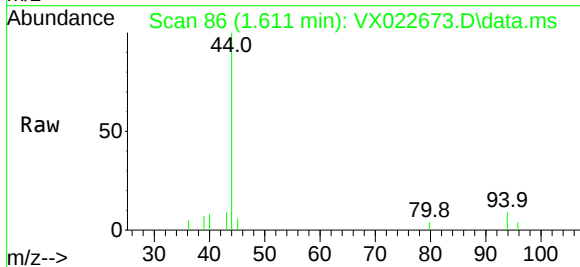


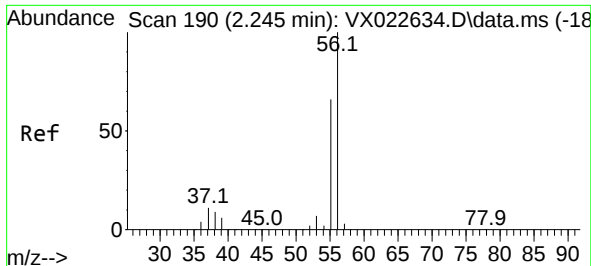
Tgt Ion:168 Resp: 60402
Ion Ratio Lower Upper
168 100
99 73.0 45.8 68.6#



#5
Bromomethane
Concen: 0.293 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 49.6 76.4 114.6#

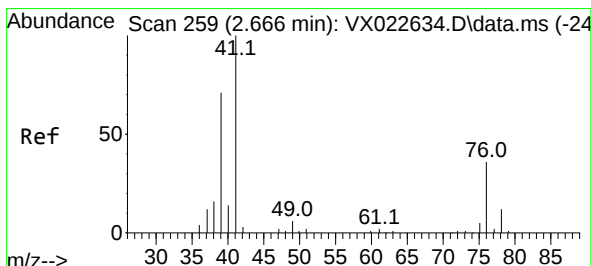
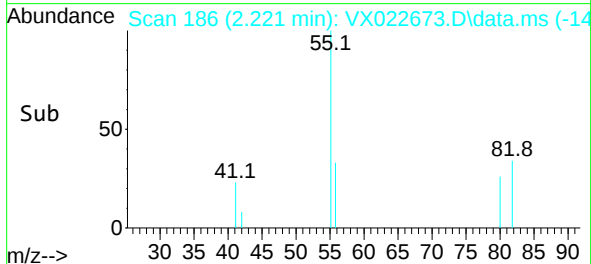
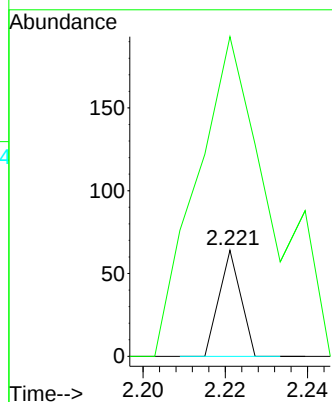
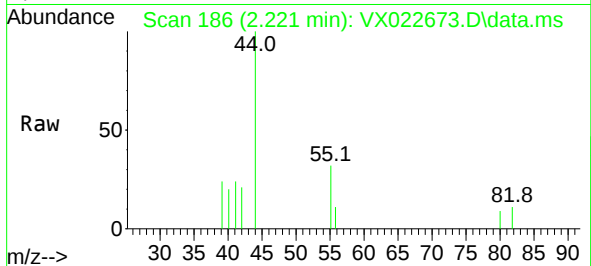




#13
Acrolein
Concen: 0.218 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

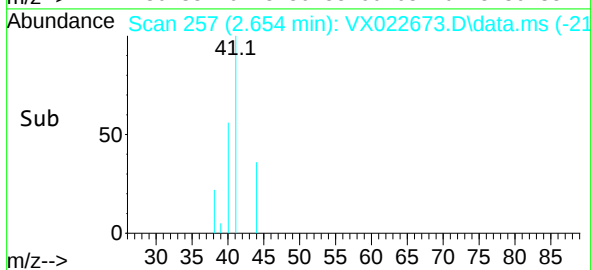
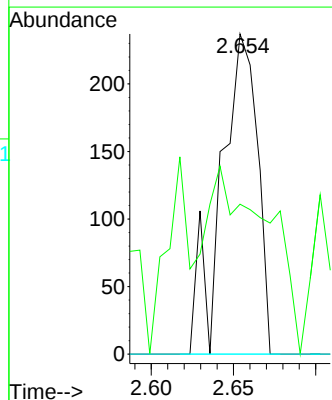
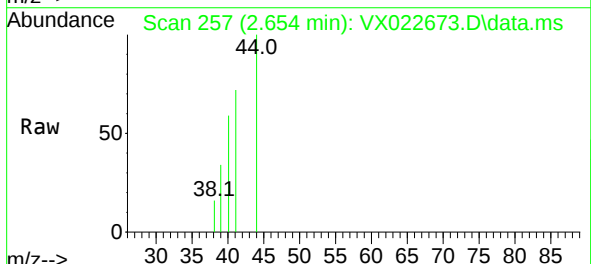
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

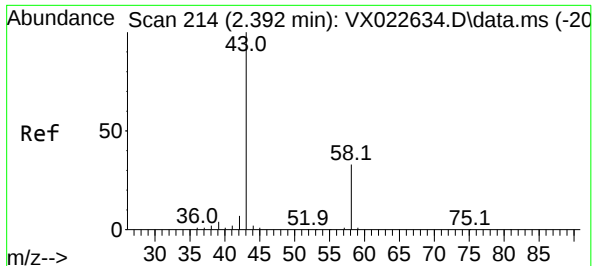
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 1056.5 56.4 84.6#



#14
Allyl chloride
Concen: 0.257 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 41 Resp: 365
Ion Ratio Lower Upper
41 100
39 93.4 51.6 77.4#
76 0.0 30.5 45.7#

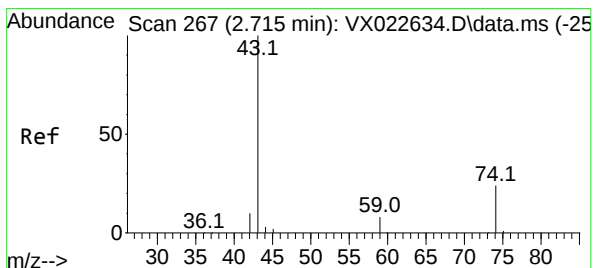
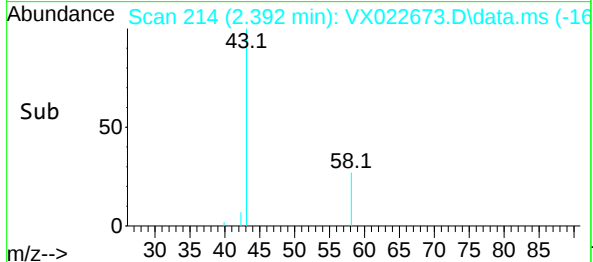
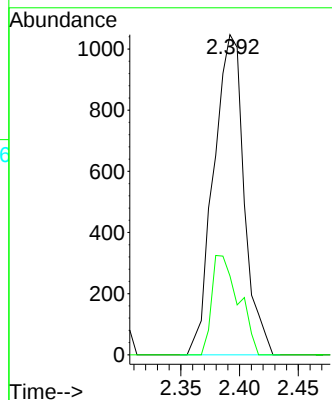
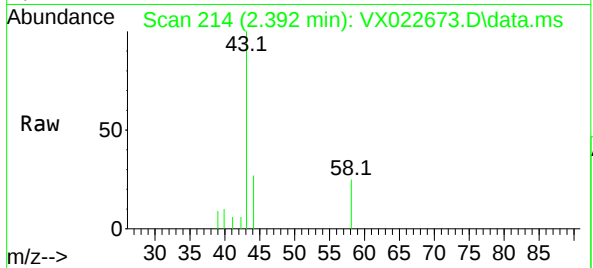




#16
Acetone
Concen: 3.879 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

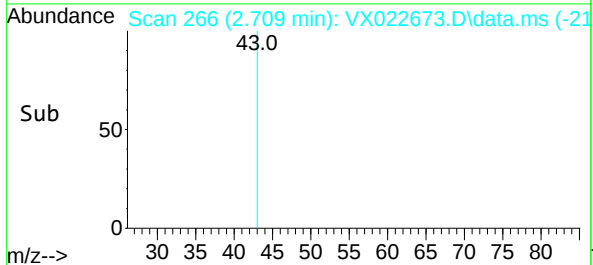
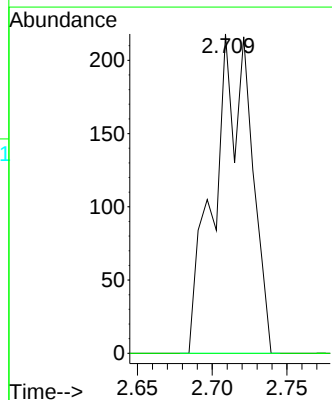
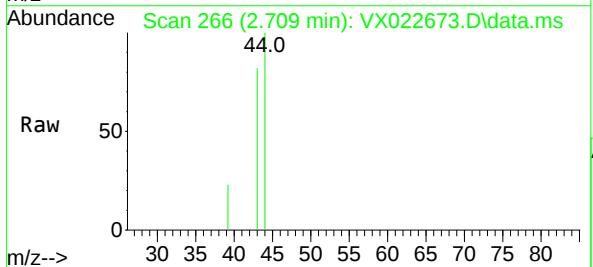
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

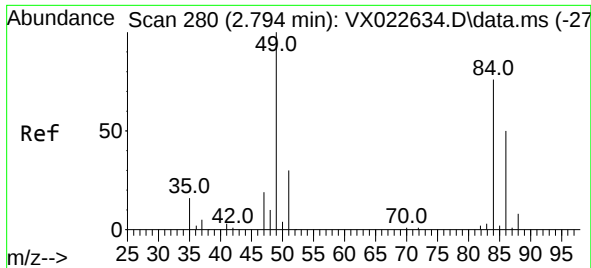
Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#



#18
Methyl Acetate
Concen: 0.256 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



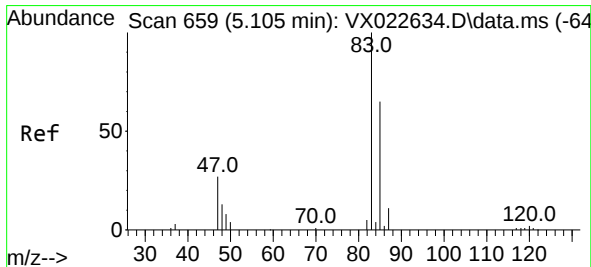
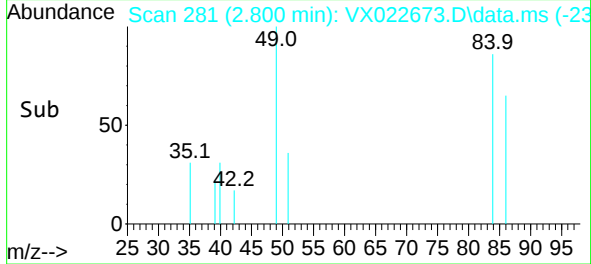
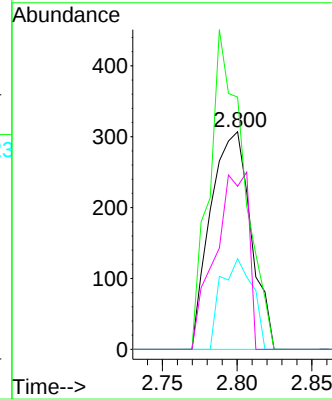
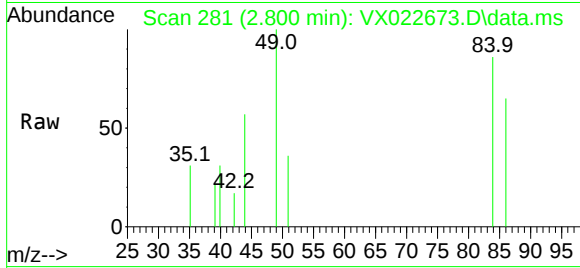


#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

Tgt Ion: 84 Resp: 577

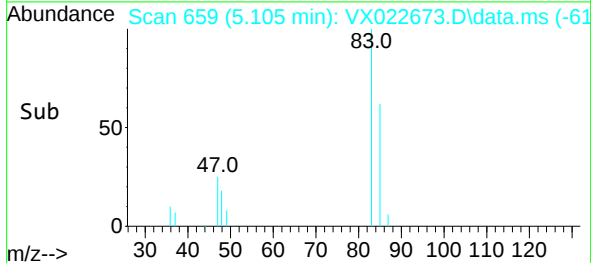
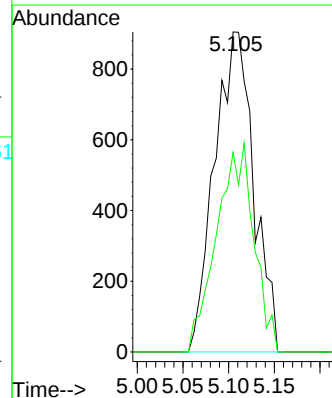
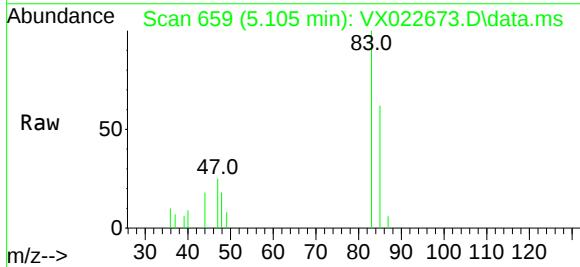
Ion	Ratio	Lower	Upper
84	100		
49	116.0	88.6	132.8
51	41.7	27.0	40.6#
86	74.9	50.3	75.5

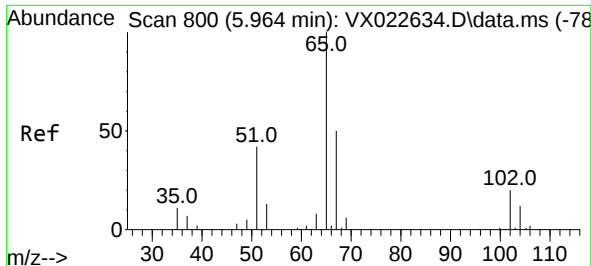


#30
Chloroform
Concen: 1.662 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 83 Resp: 2697

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.0	78.0



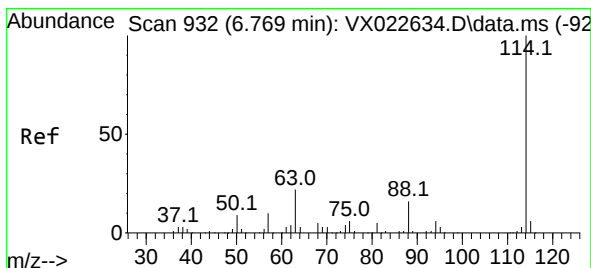
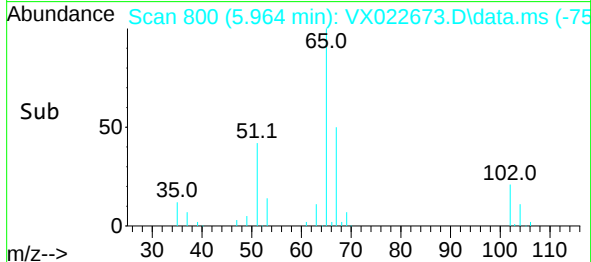
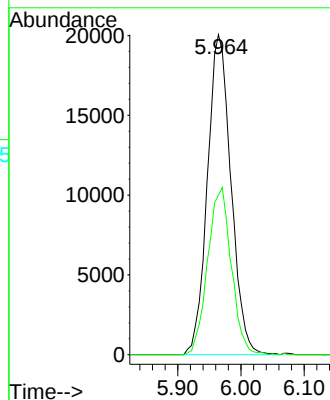
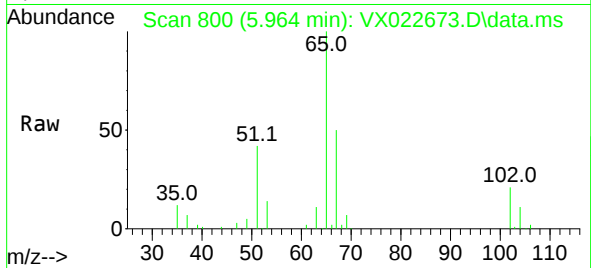


#33

1,2-Dichloroethane-d4
Concen: 47.886 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 65 Resp: 52019
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

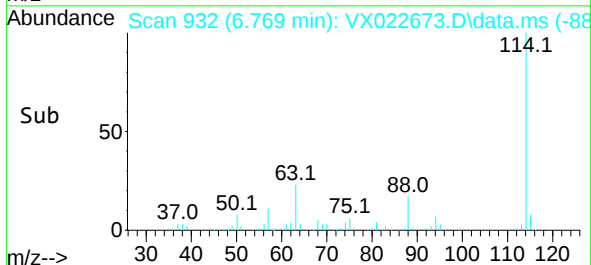
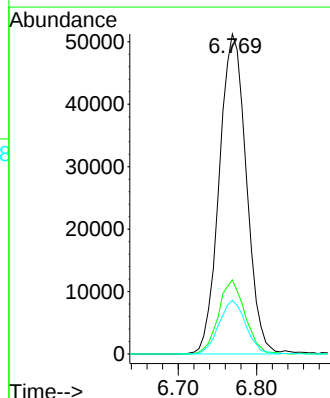
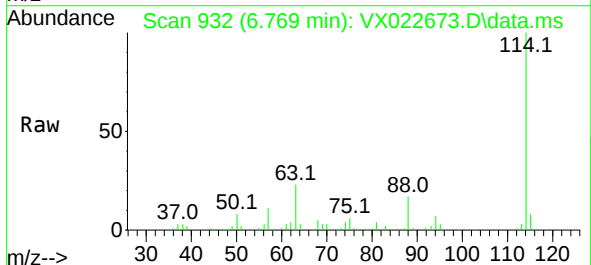
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

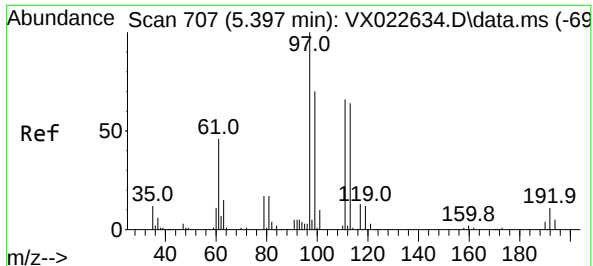


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 114 Resp: 122955
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.7 0.0 32.8

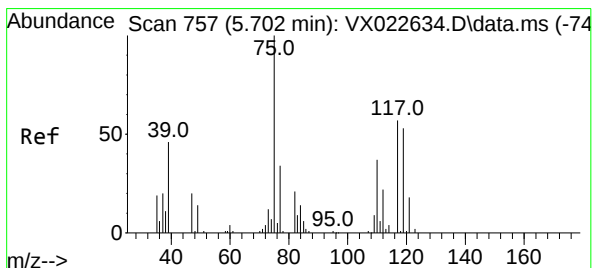
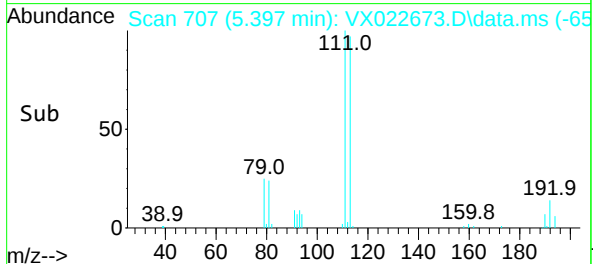
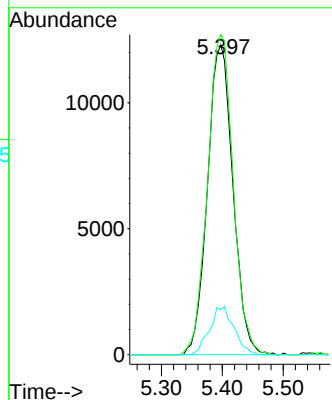
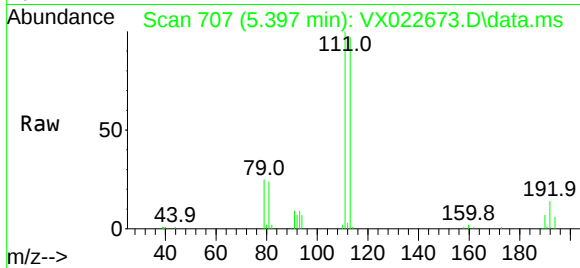




#35
Dibromofluoromethane
Concen: 45.498 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

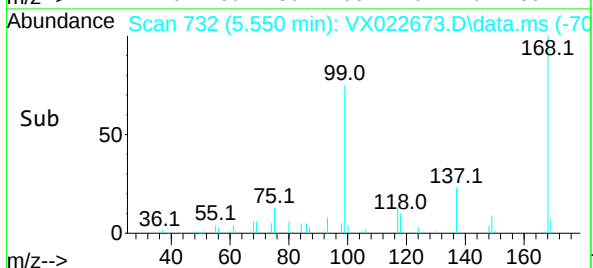
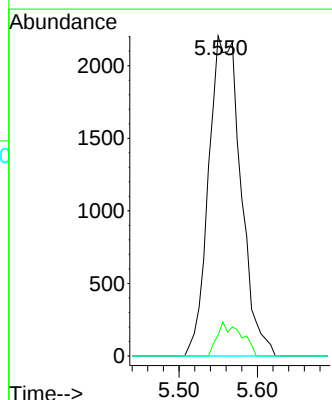
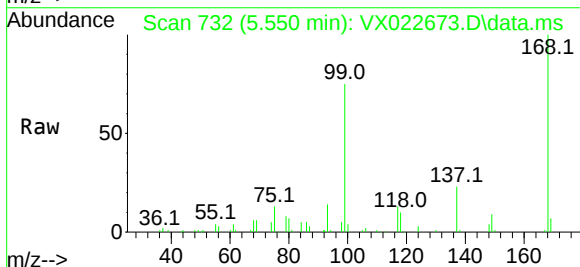
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

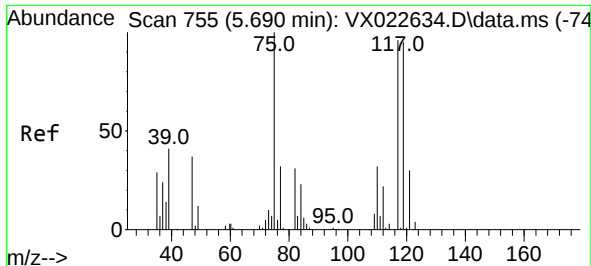
Tgt Ion:113 Resp: 35692
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 14.8 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

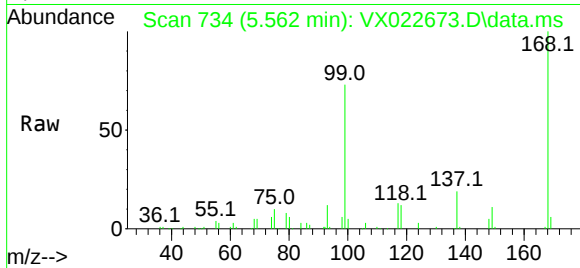
Tgt Ion: 75 Resp: 6255
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



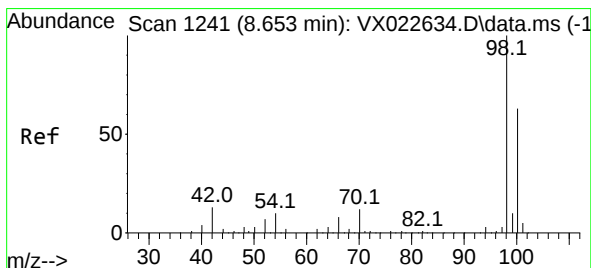
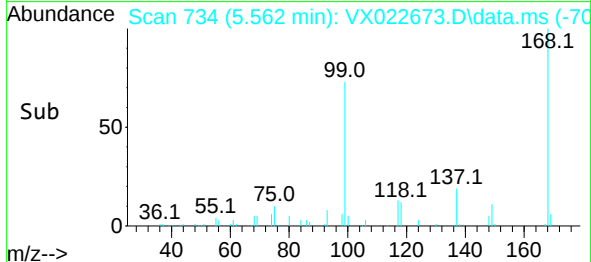
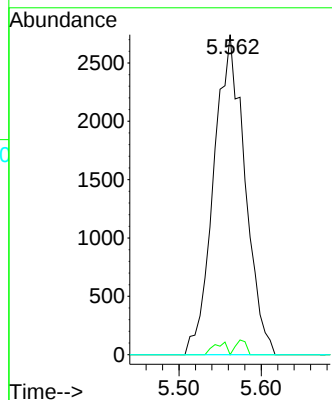


#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

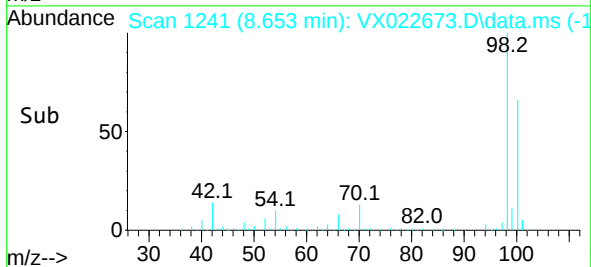
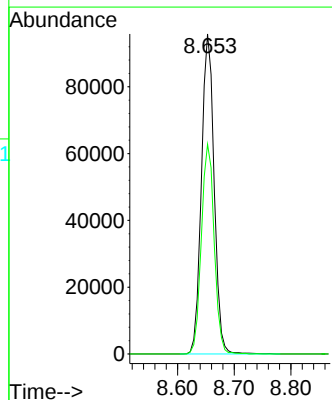
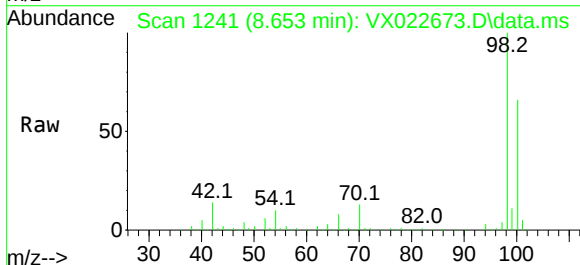


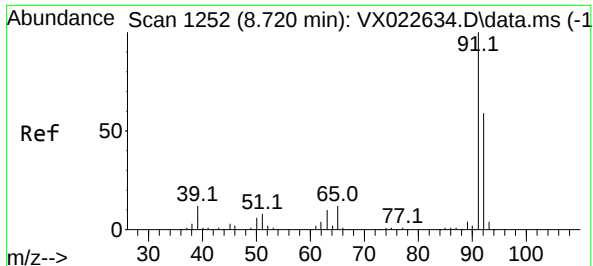
Tgt Ion:117 Resp: 7228
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.210 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 98 Resp: 149089
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

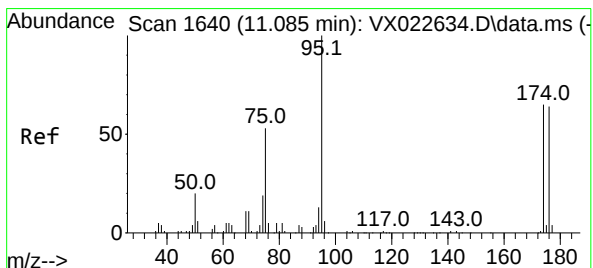
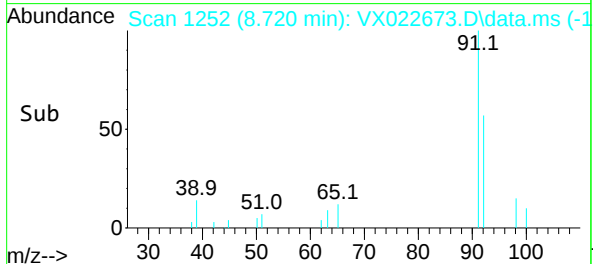
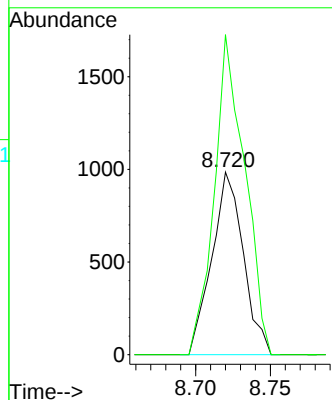
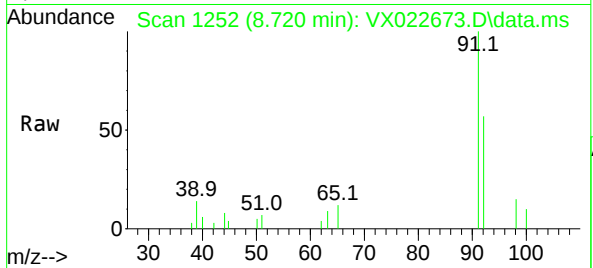




#52
Toluene
Concen: 0.635 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

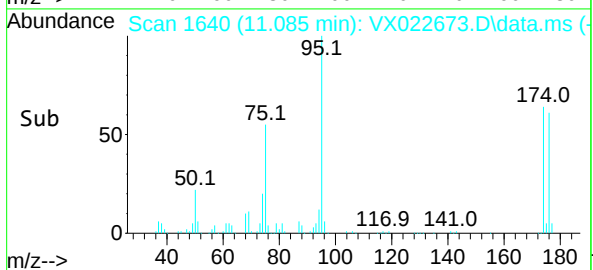
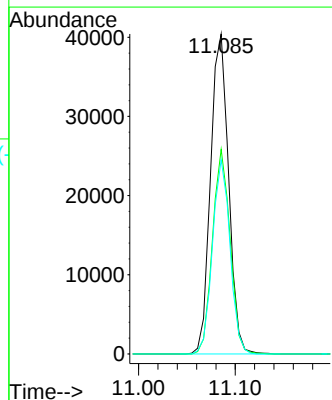
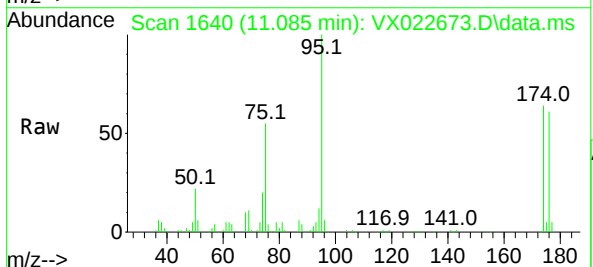
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

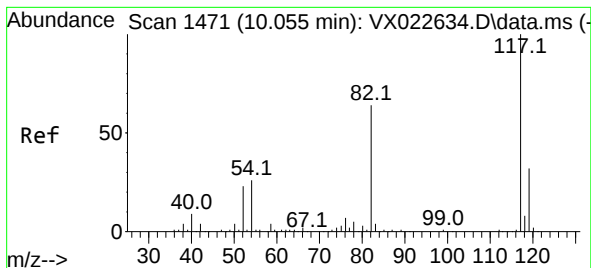
Tgt Ion: 92 Resp: 1440
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 95 Resp: 52191
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 59.0 0.0 155.8

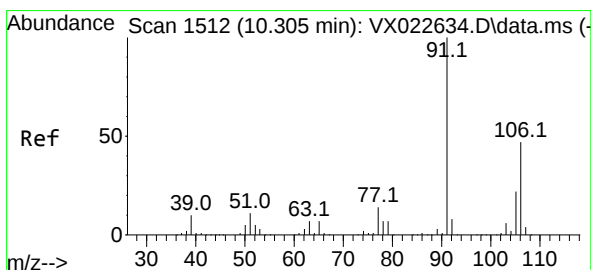
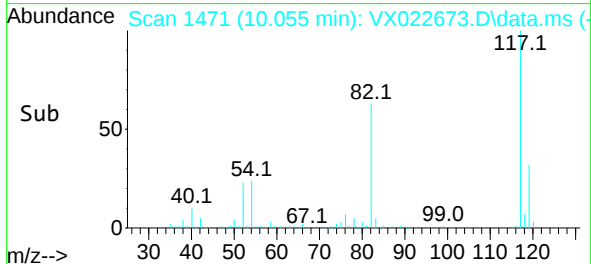
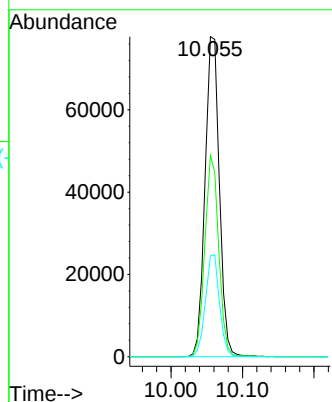
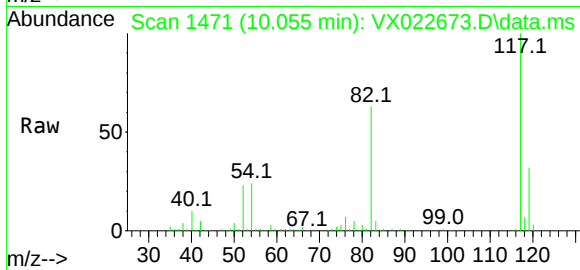




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

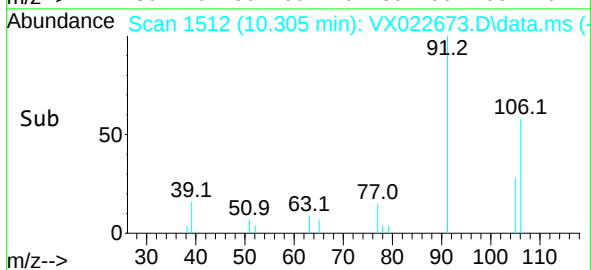
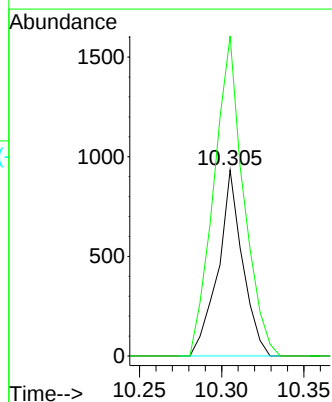
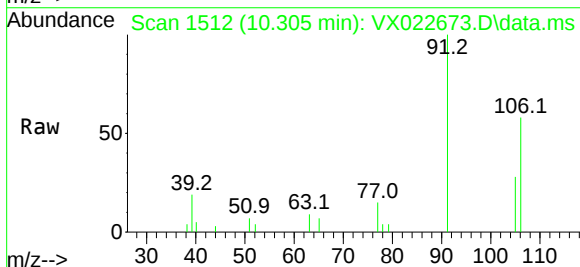
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

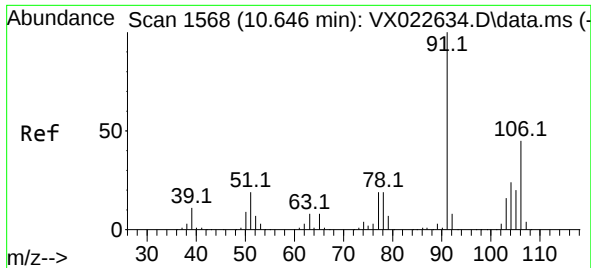
Tgt Ion:117 Resp: 108496
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 31.5 26.6 39.8



#68
m/p-Xylenes
Concen: 0.640 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion:106 Resp: 965
Ion Ratio Lower Upper
106 100
91 208.5 162.8 244.2

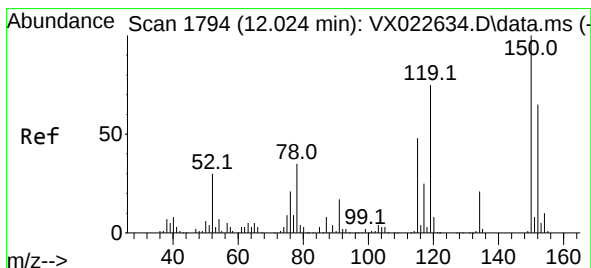
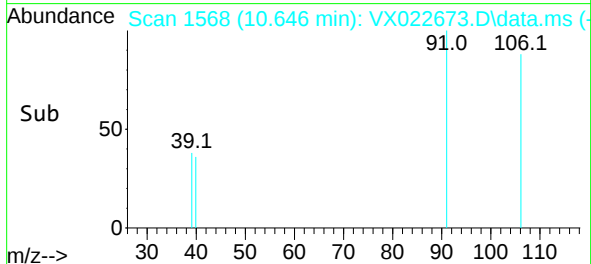
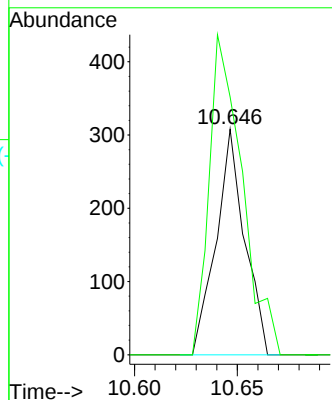
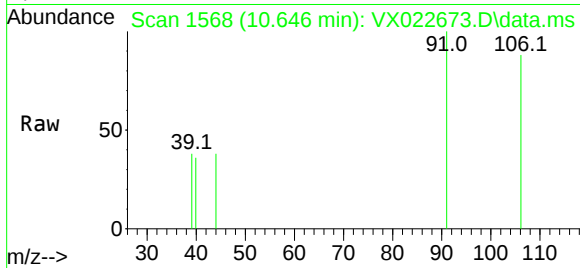




#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

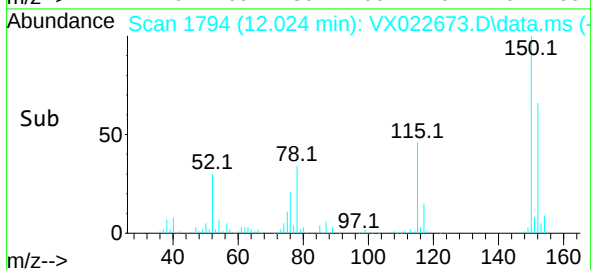
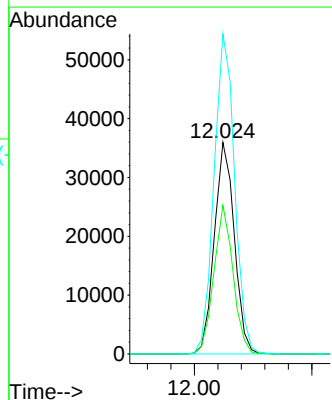
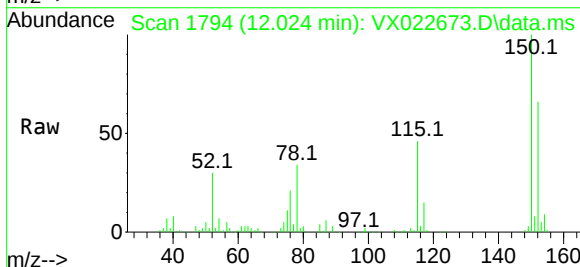
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

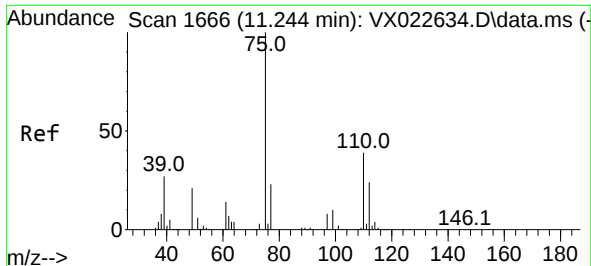
Tgt Ion:106 Resp: 298
Ion Ratio Lower Upper
106 100
91 163.1 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion:152 Resp: 42544
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 154.8 0.0 349.0

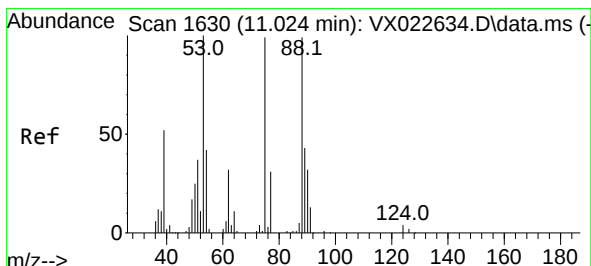
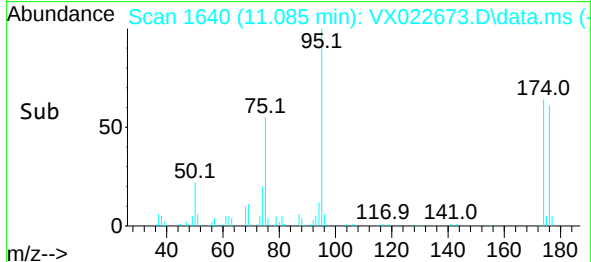
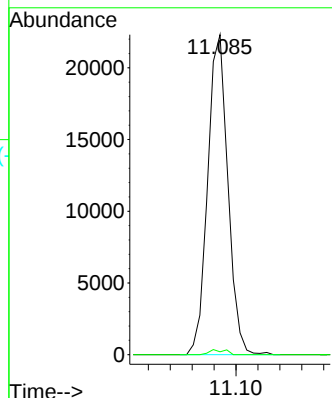
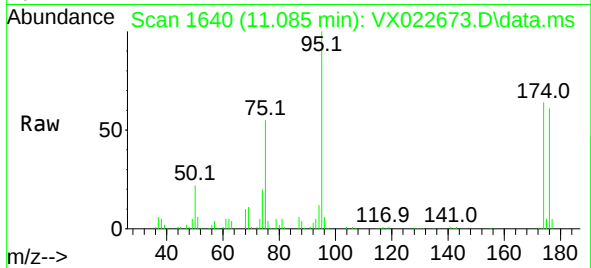




#76
1,2,3-Trichloropropane
Concen: 25.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

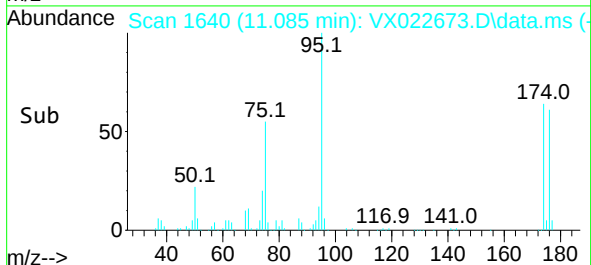
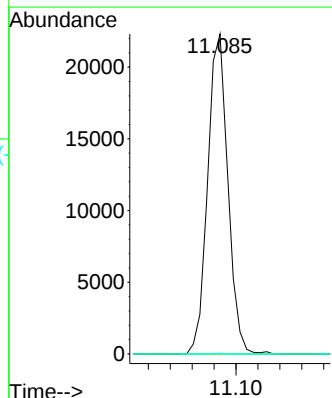
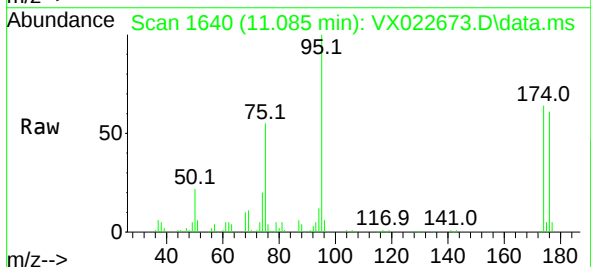
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

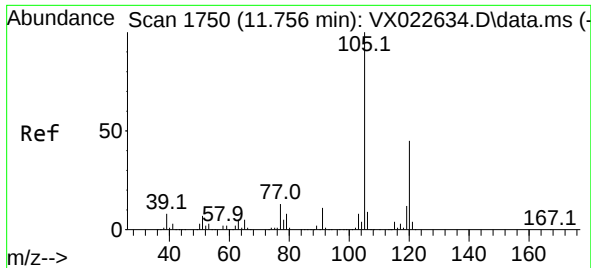
Tgt Ion: 75 Resp: 28488
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.528 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

Tgt Ion: 75 Resp: 28488
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

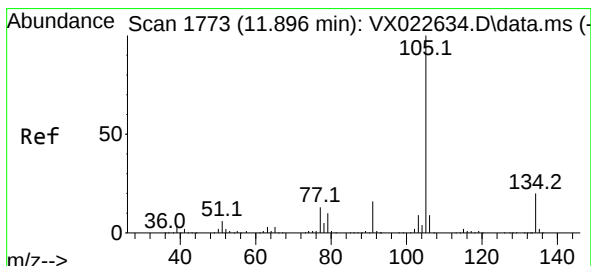
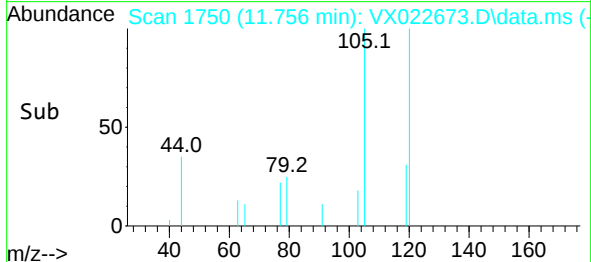
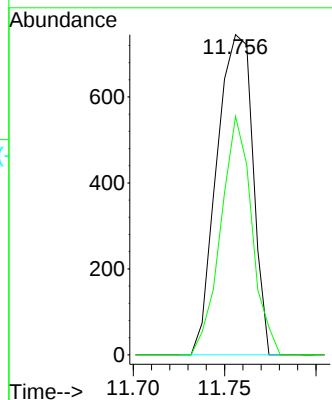
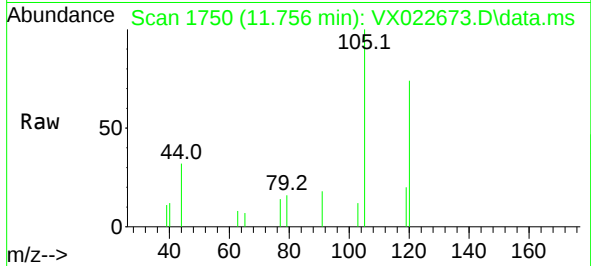




#84
1,2,4-Trimethylbenzene
Concen: 0.346 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

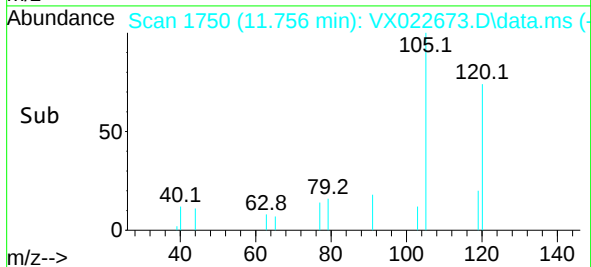
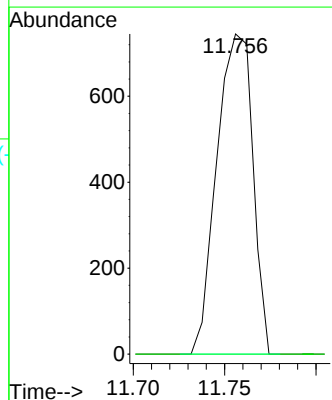
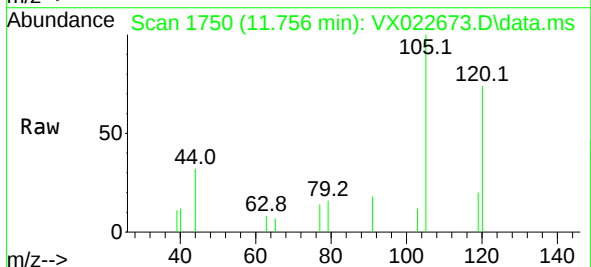
Instrument :
MSVOA_X
ClientSampleId :
210609007-03-TRIP-BLANK

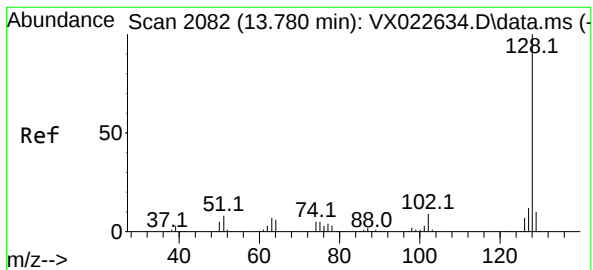
Tgt Ion:105 Resp: 1022
Ion Ratio Lower Upper
105 100
120 64.2 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.286 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VX022673.D
Acq: 11 Jun 2021 17:30

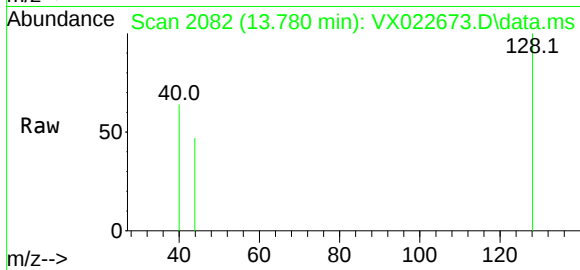
Tgt Ion:105 Resp: 1022
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#





#95
 Naphthalene
 Concen: 1.545 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX022673.D
 Acq: 11 Jun 2021 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 210609007-03-TRIP-BLANK



Tgt Ion:128 Resp: 262
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.8 13.2#

