

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023086.D
 Acq On : 01 Jul 2021 15:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 02 04:30:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

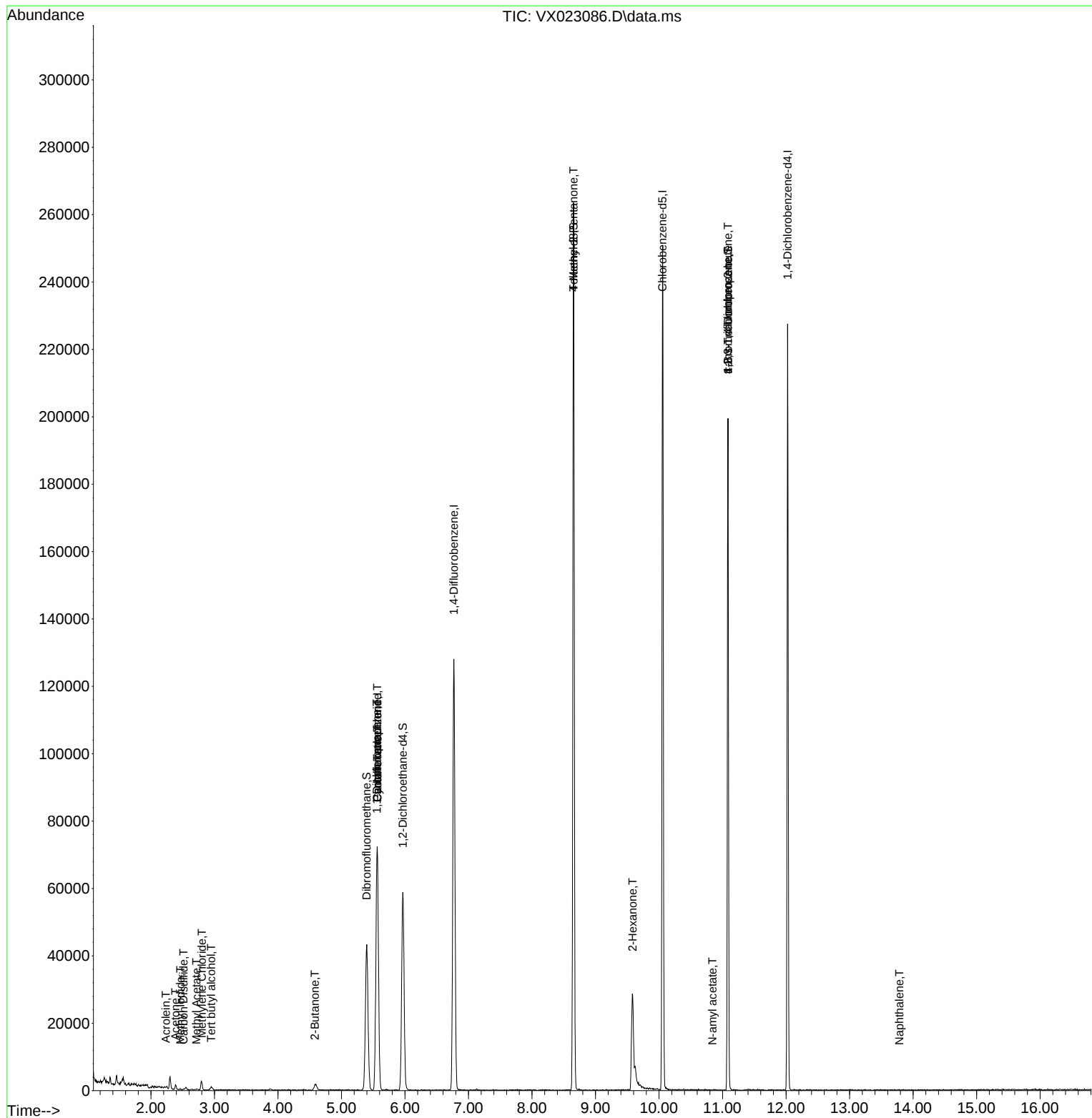
Internal Standards						
1) Pentafluorobenzene	5.562	168	54673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58378	58.837	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.680%#
35) Dibromofluoromethane	5.397	113	36005	50.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.860%
50) Toluene-d8	8.653	98	139695	49.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.085	95	50907	48.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.465	142	72	3.957	ug/l	# 42
11) Tert butyl alcohol	2.946	59	763	3.690	ug/l	# 73
13) Acrolein	2.233	56	137	1.065	ug/l	# 40
16) Acetone	2.385	43	1512	3.437	ug/l	# 84
17) Carbon Disulfide	2.513	76	180	3.602	ug/l	# 37
18) Methyl Acetate	2.715	43	549	0.507	ug/l	# 47
20) Methylene Chloride	2.800	84	1123	1.650	ug/l	# 89
25) 2-Butanone	4.580	43	245	0.358	ug/l	# 45
31) Cyclohexane	5.562	56	2137	1.526	ug/l	# 42
36) 1,1-Dichloropropene	5.556	75	6593	5.521	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7272	7.261	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	830	0.600	ug/l	# 1
59) 2-Hexanone	9.585	43	10387	9.892	ug/l	# 29
74) N-amyl acetate	10.841	43	33	2.073	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31453	33.074	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	31453	84.213	ug/l	# 12
95) Naphthalene	13.786	128	82	1.949	ug/l	# 69

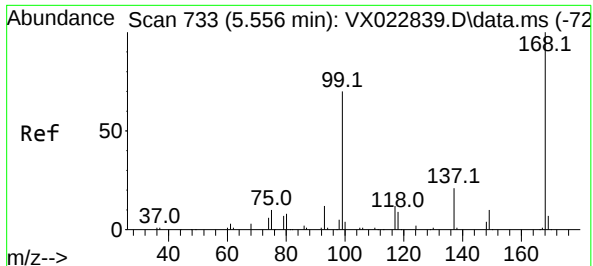
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
IBLK

Quant Time: Jul 02 04:30:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

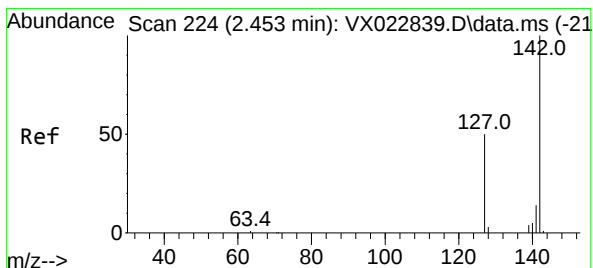
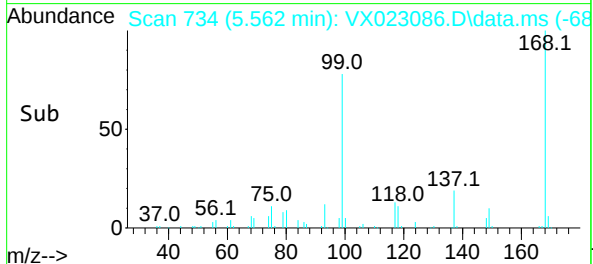
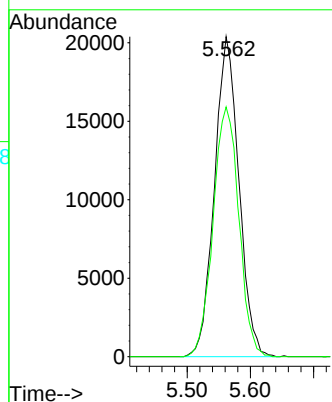
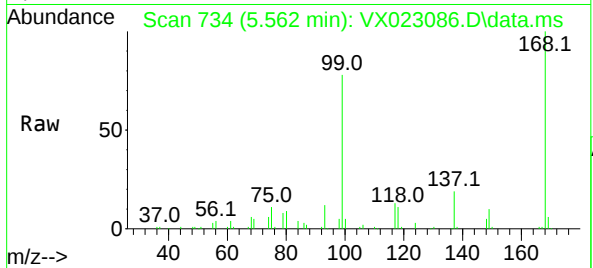




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

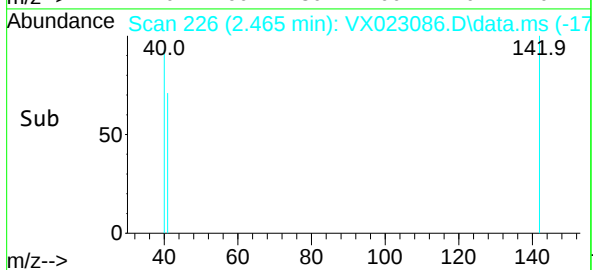
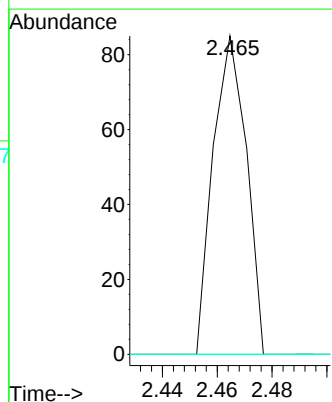
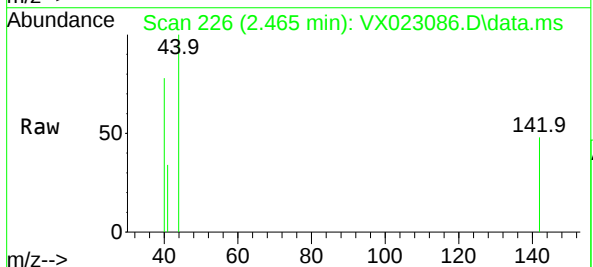
Instrument :
MSVOA_X
ClientSampled :
IBLK

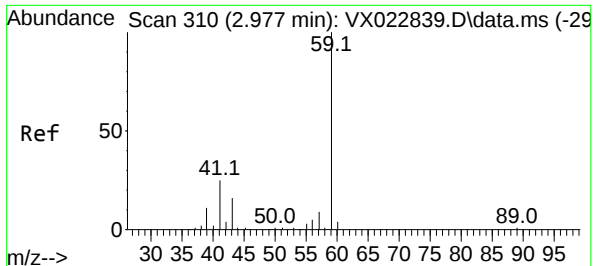
Tgt Ion:168 Resp: 54673
Ion Ratio Lower Upper
168 100
99 78.1 45.8 68.6#



#10
Methyl Iodide
Concen: 3.957 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



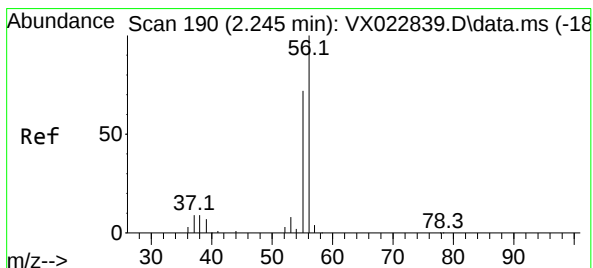
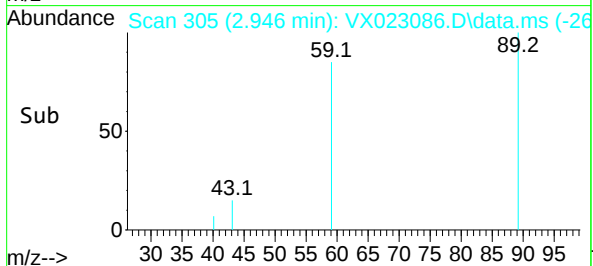
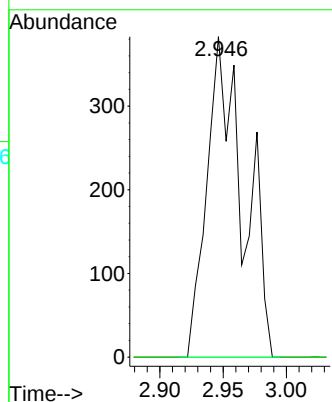
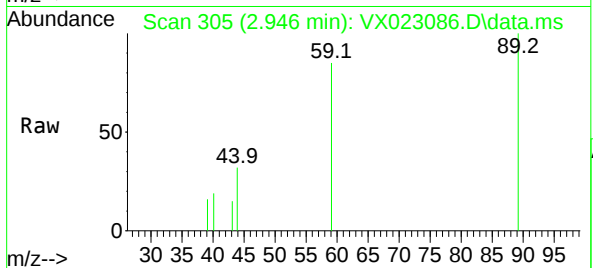


#11

Tert butyl alcohol
Concen: 3.690 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

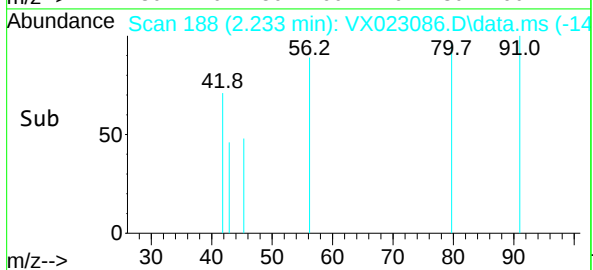
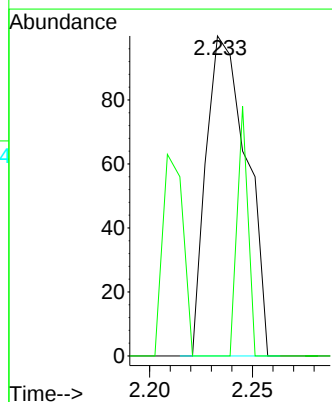
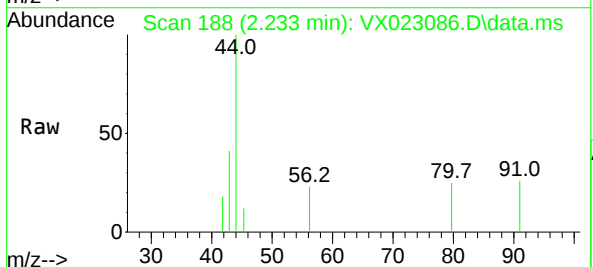
Tgt Ion: 59 Resp: 763
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

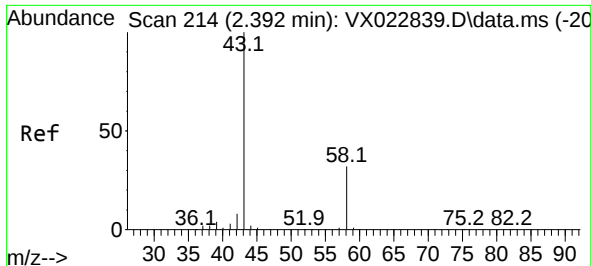


#13

Acrolein
Concen: 1.065 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
55 21.2 56.4 84.6#

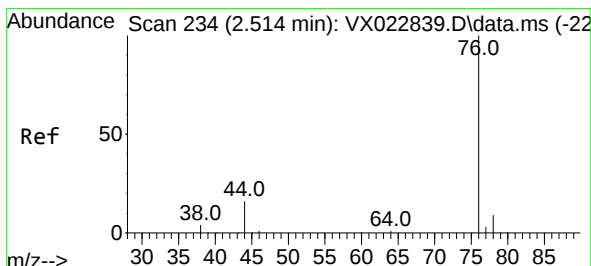
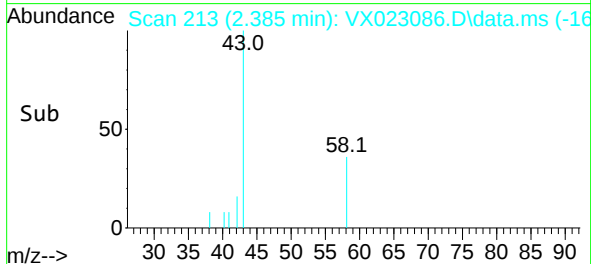
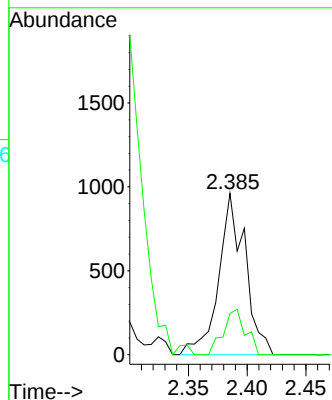
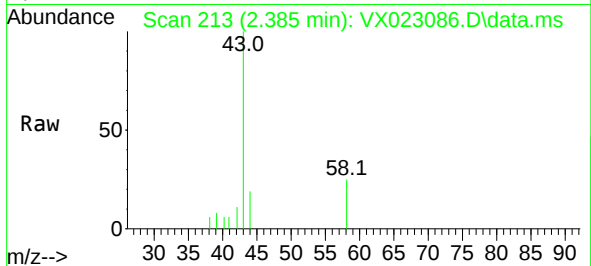




#16
Acetone
Concen: 3.437 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

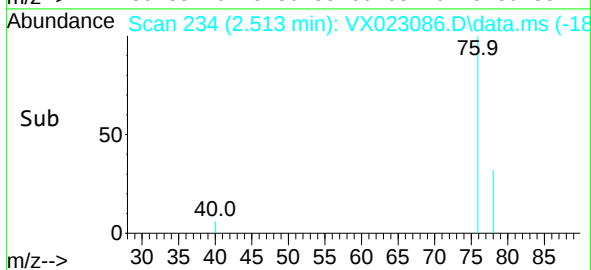
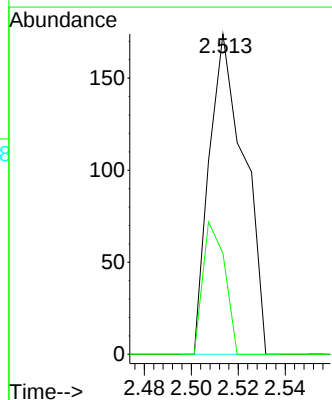
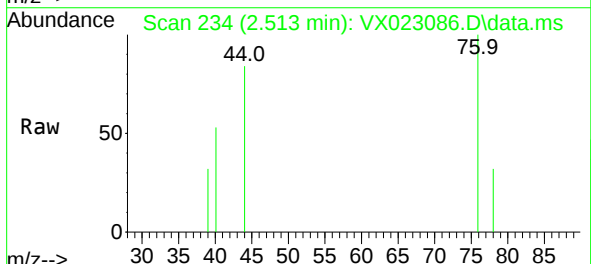
Instrument :
MSVOA_X
ClientSampled :
IBLK

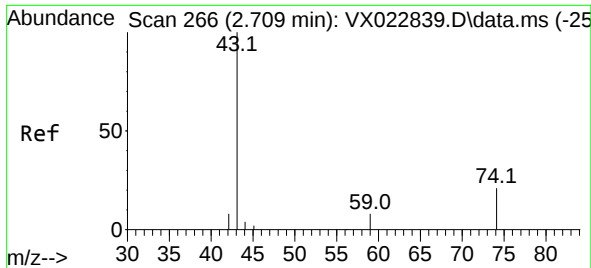
Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.602 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 76 Resp: 180
Ion Ratio Lower Upper
76 100
78 31.6 7.2 10.8#

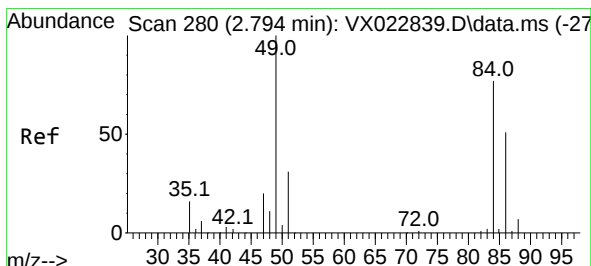
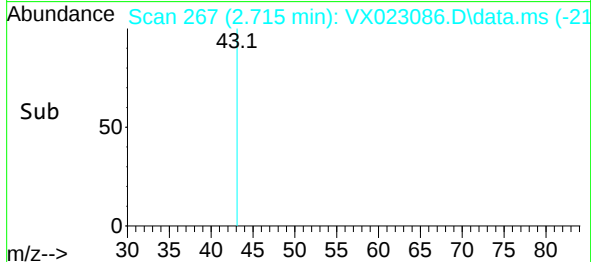
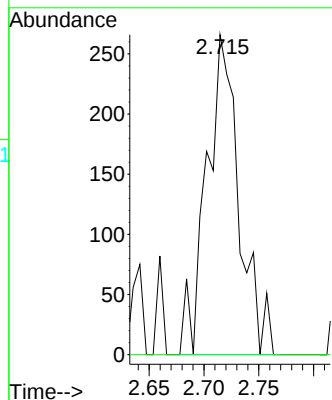
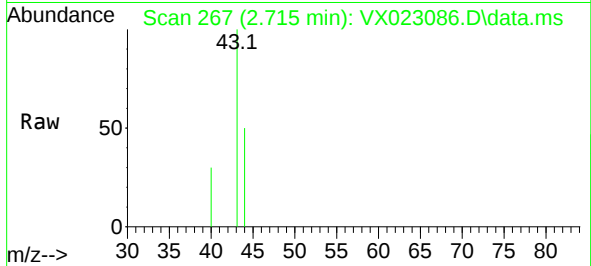




#18
Methyl Acetate
Concen: 0.507 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

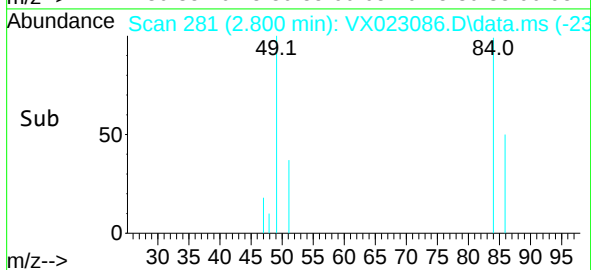
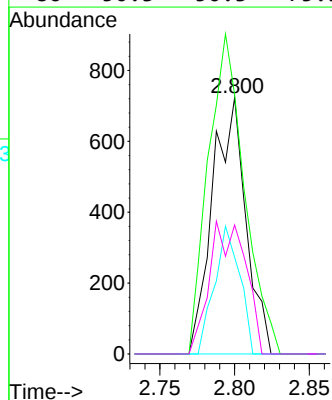
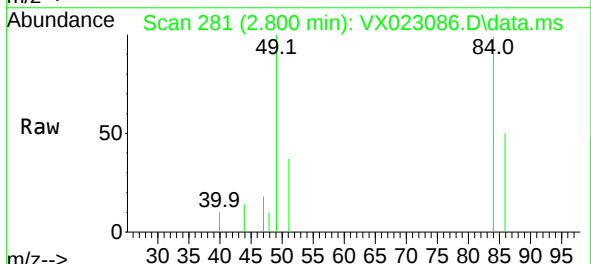
Instrument :
MSVOA_X
ClientSampled :
IBLK

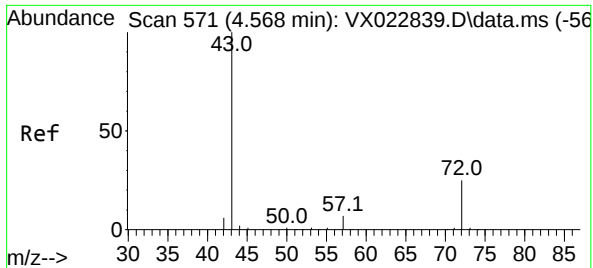
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 1.650 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 84 Resp: 1123
Ion Ratio Lower Upper
84 100
49 101.4 88.6 132.8
51 37.8 27.0 40.6
86 50.3 50.3 75.5

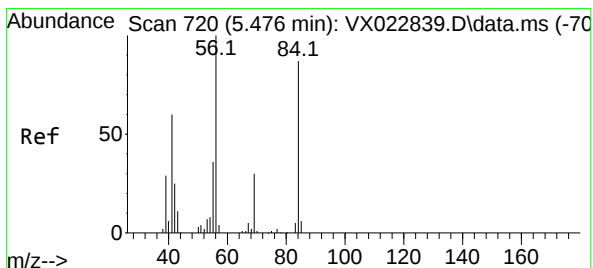
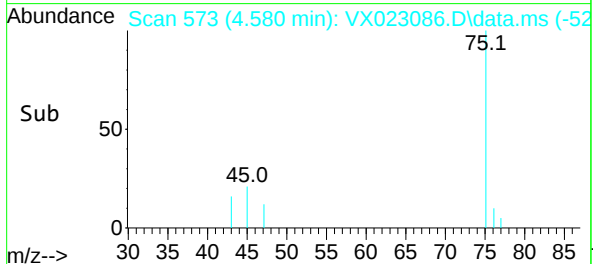
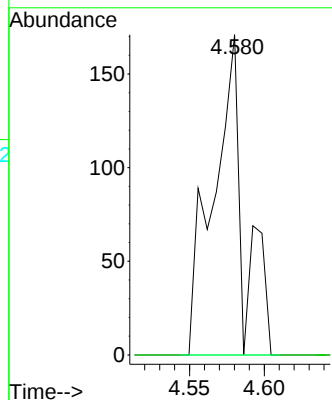
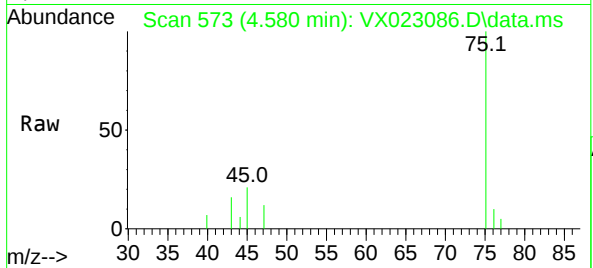




#25
2-Butanone
Concen: 0.358 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

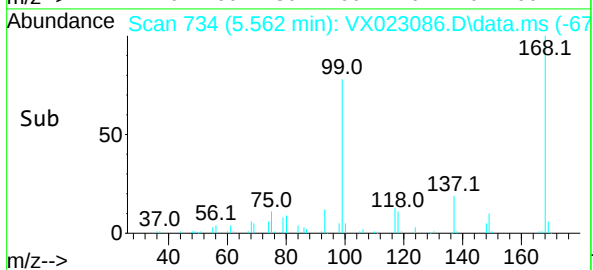
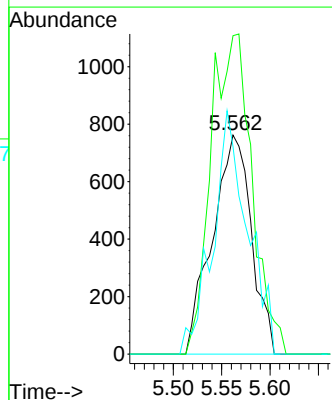
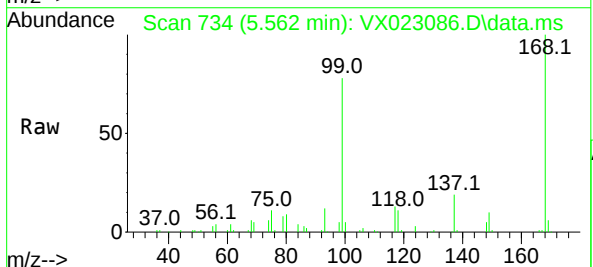
Instrument :
MSVOA_X
ClientSampled :
IBLK

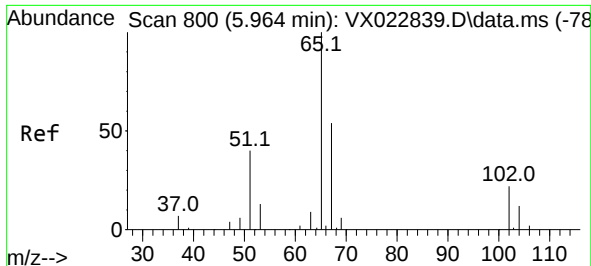
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.526 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 56 Resp: 2137
Ion Ratio Lower Upper
56 100
69 145.4 25.3 37.9#
84 94.8 71.4 107.0

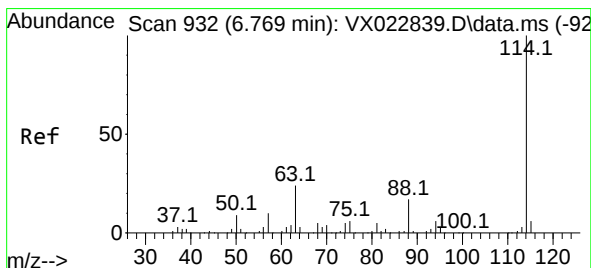
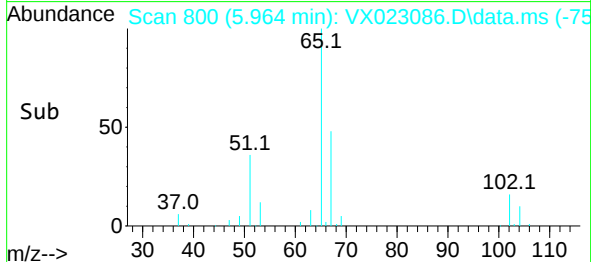
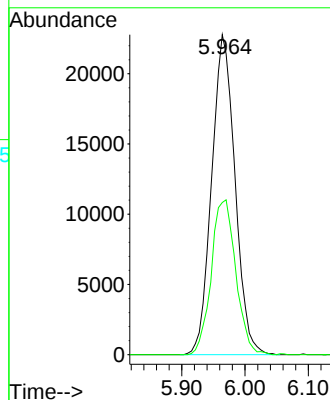
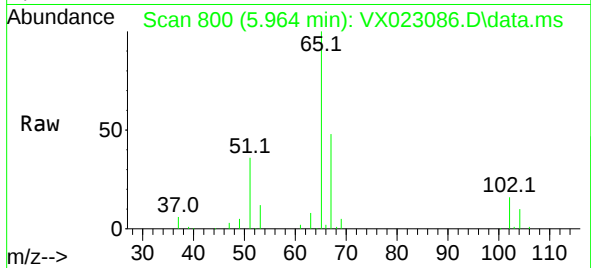




#33
 1,2-Dichloroethane-d4
 Concen: 58.837 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023086.D
 Acq: 01 Jul 2021 15:39

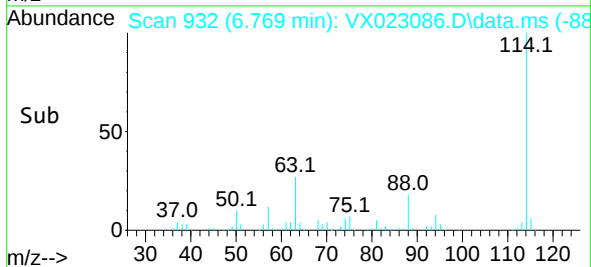
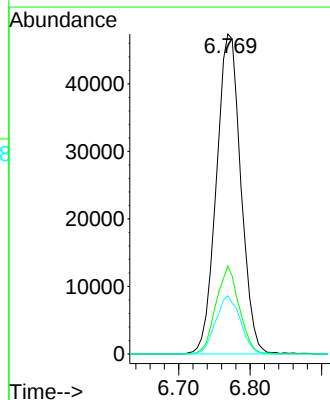
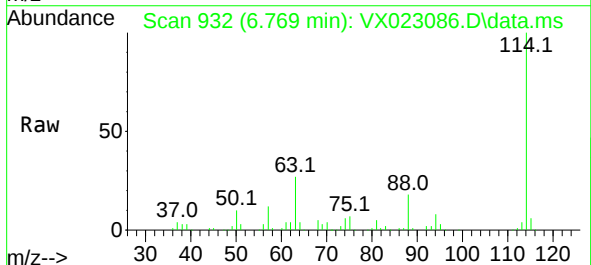
Instrument :
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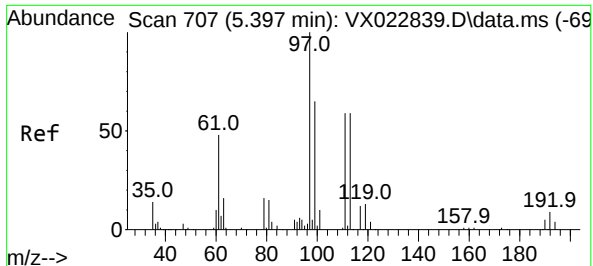
Tgt Ion: 65 Resp: 58378
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023086.D
 Acq: 01 Jul 2021 15:39

Tgt Ion: 114 Resp: 112422
 Ion Ratio Lower Upper
 114 100
 63 27.4 0.0 40.8
 88 18.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.434 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023086.D

Acq: 01 Jul 2021 15:39

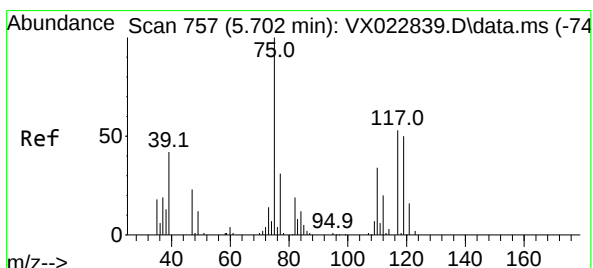
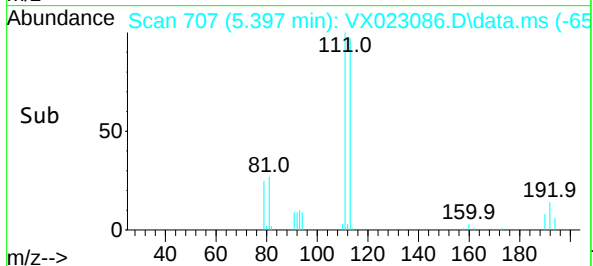
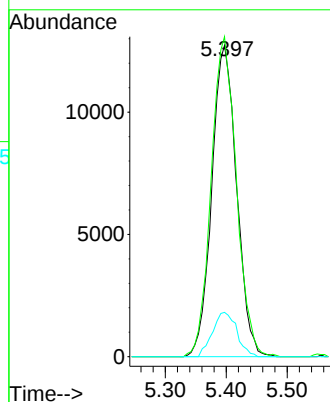
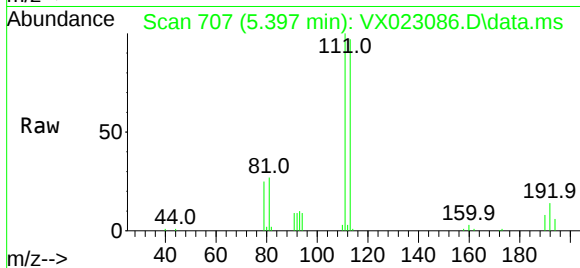
Tgt Ion:113 Resp: 36005

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 14.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.521 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023086.D

Acq: 01 Jul 2021 15:39

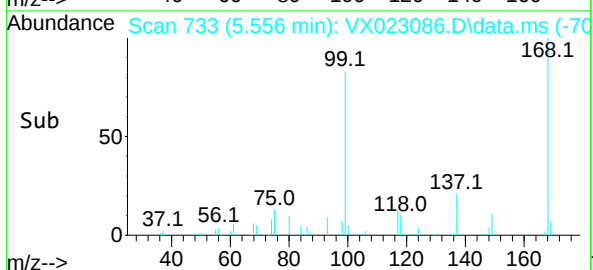
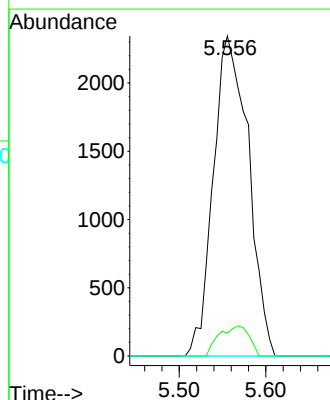
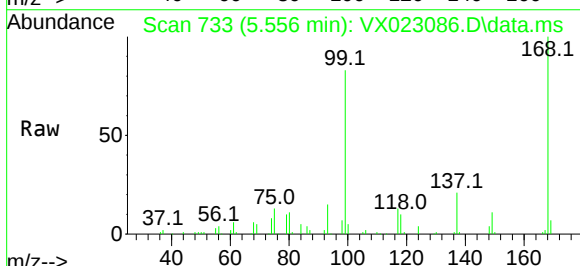
Tgt Ion: 75 Resp: 6593

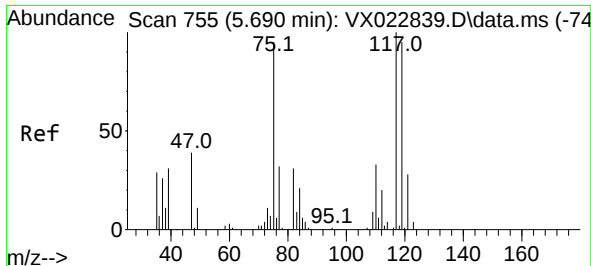
Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

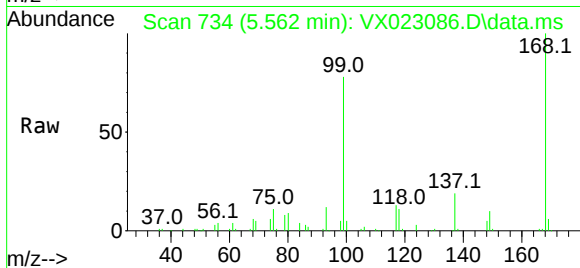
77 0.0 25.3 37.9#



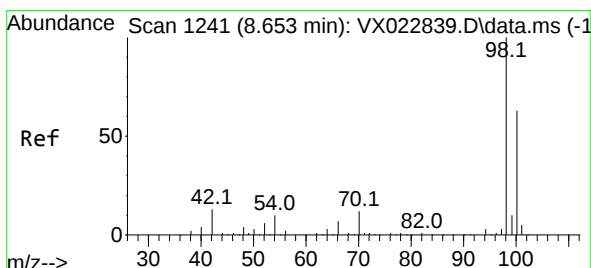
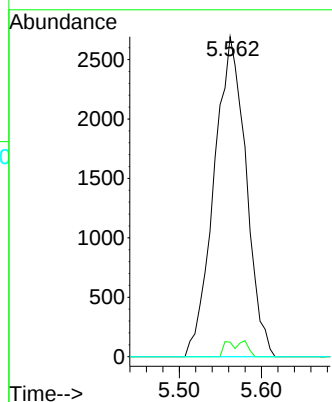
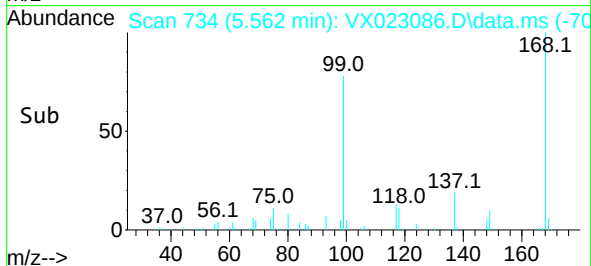


#38
Carbon Tetrachloride
Concen: 7.261 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

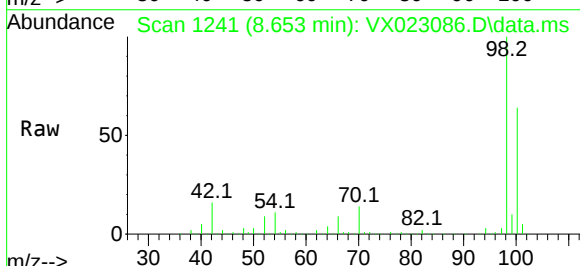
Instrument :
MSVOA_X
ClientSampled :
IBLK



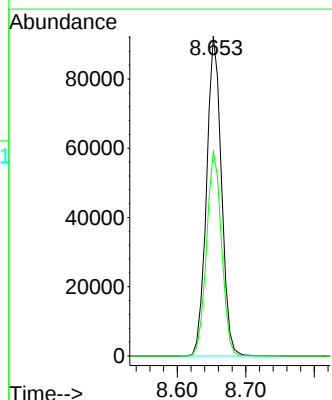
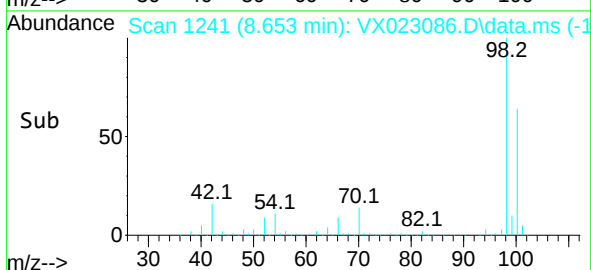
Tgt Ion:117 Resp: 7272
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

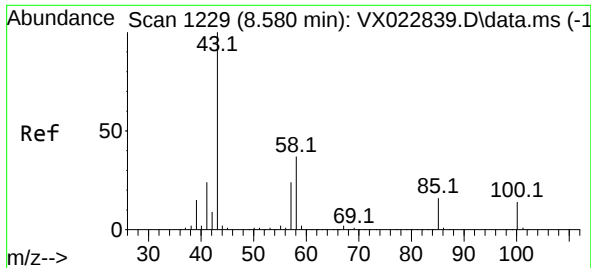


#50
Toluene-d8
Concen: 49.928 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39



Tgt Ion: 98 Resp: 139695
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

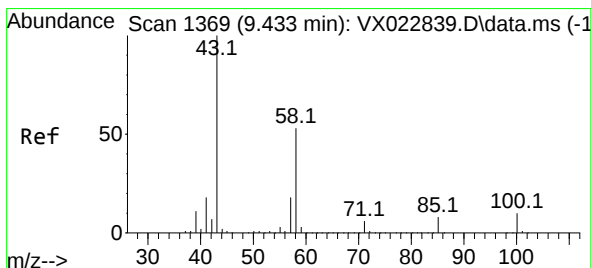
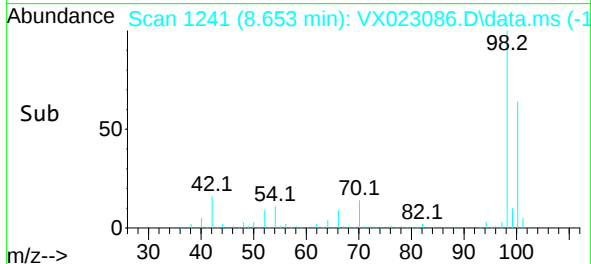
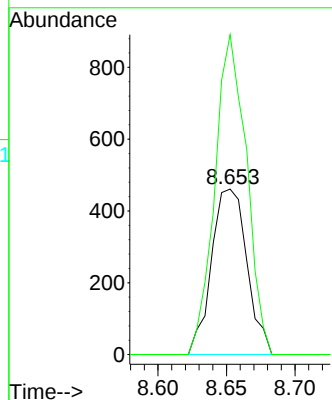
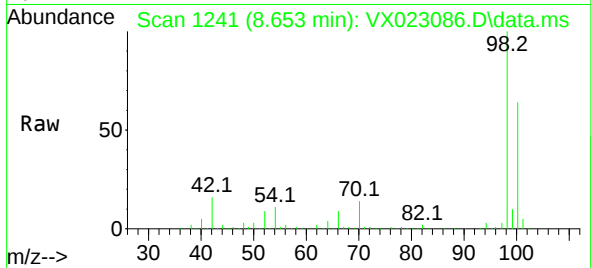




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

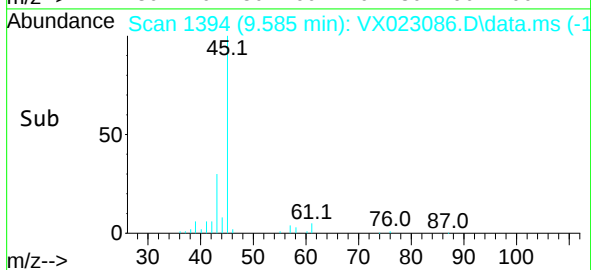
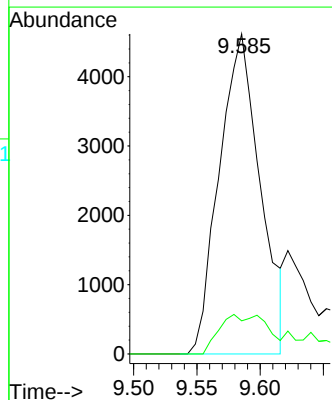
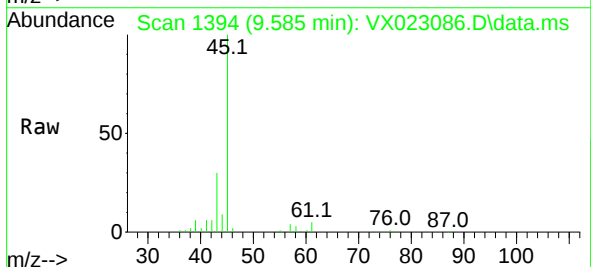
Instrument :
MSVOA_X
ClientSampled :
IBLK

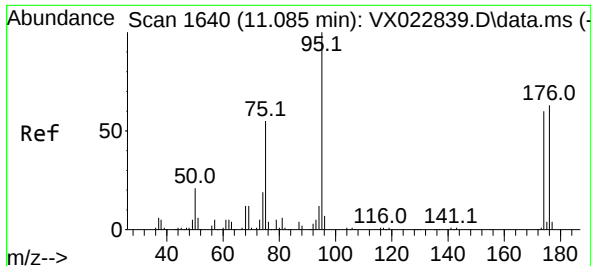
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 172.9 35.4 53.0#



#59
2-Hexanone
Concen: 9.892 ug/l
RT: 9.585 min Scan# 1394
Delta R.T. 0.152 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 43 Resp: 10387
Ion Ratio Lower Upper
43 100
58 7.3 30.9 92.8#

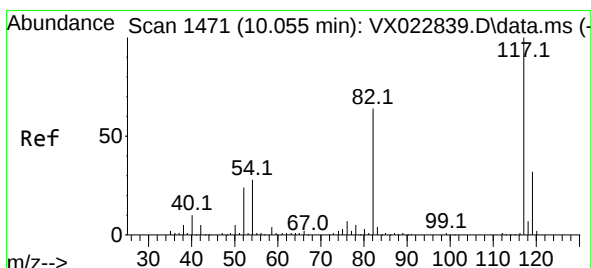
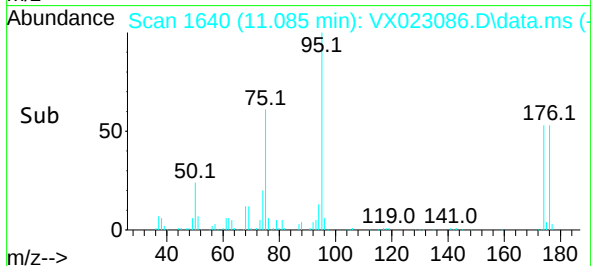
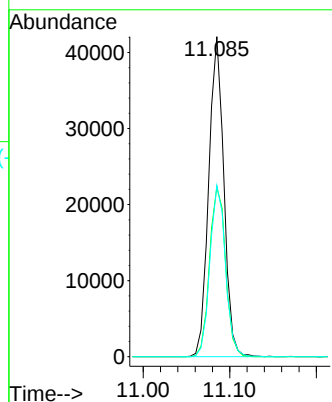
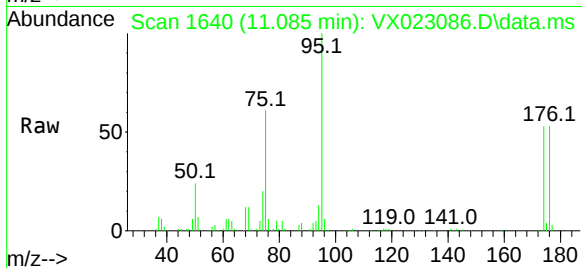




#62
4-Bromofluorobenzene
Concen: 48.751 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

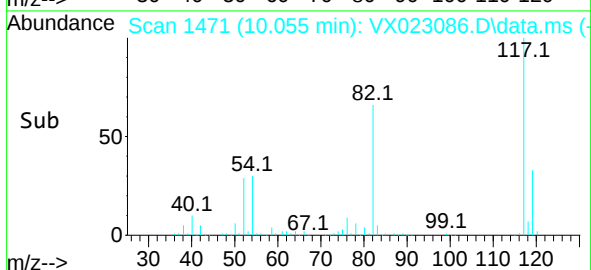
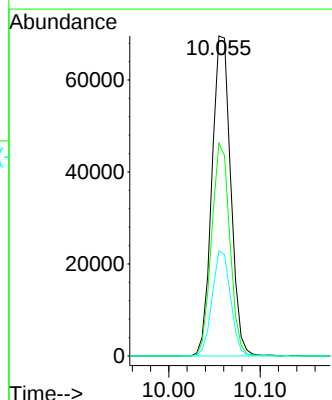
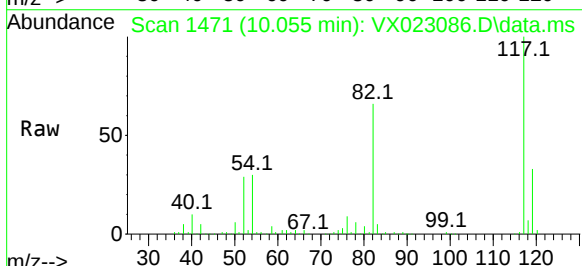
Instrument :
MSVOA_X
ClientSampled :
IBLK

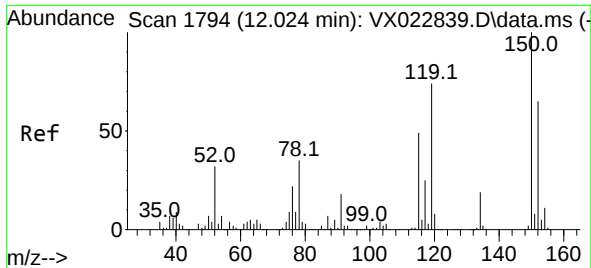
Tgt Ion: 95 Resp: 50907
Ion Ratio Lower Upper
95 100
174 56.2 0.0 154.6
176 55.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 117 Resp: 99179
Ion Ratio Lower Upper
117 100
82 66.4 47.4 71.2
119 32.8 26.6 39.8

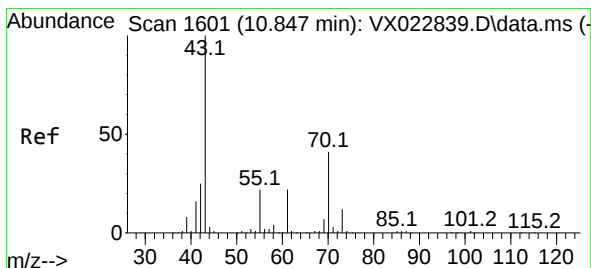
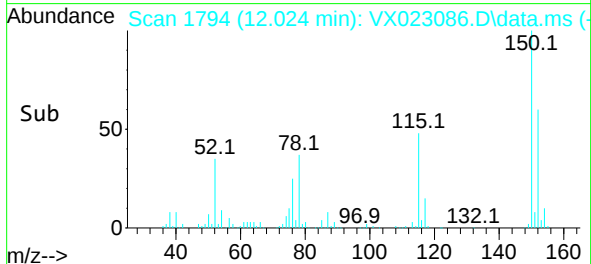
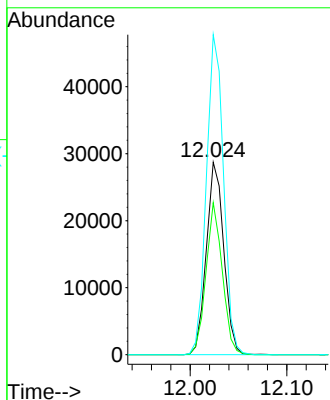
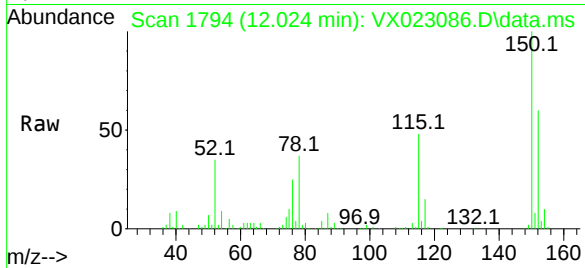




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

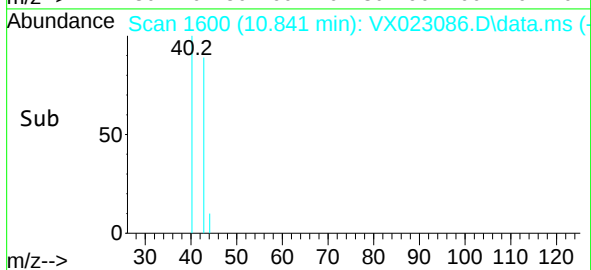
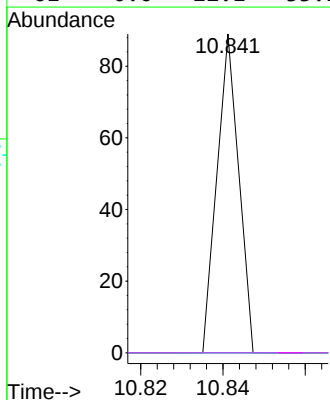
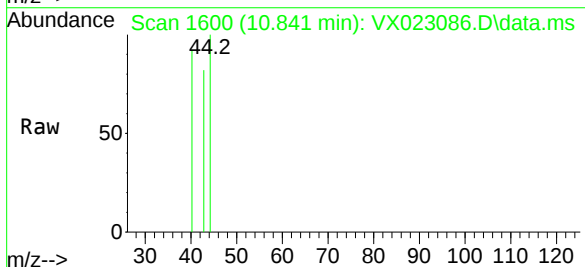
Instrument :
MSVOA_X
ClientSampled :
IBLK

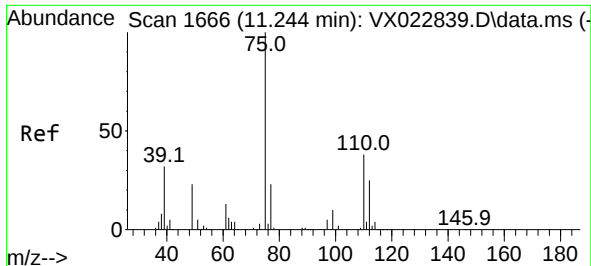
Tgt Ion:152 Resp: 36003
Ion Ratio Lower Upper
152 100
115 73.9 41.1 123.3
150 162.9 0.0 349.0



#74
N-ethyl acetate
Concen: 2.073 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

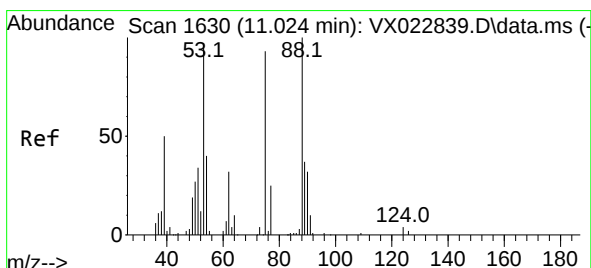
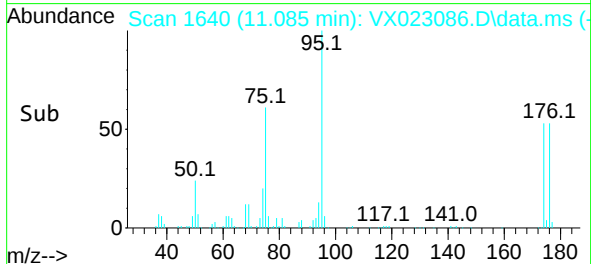
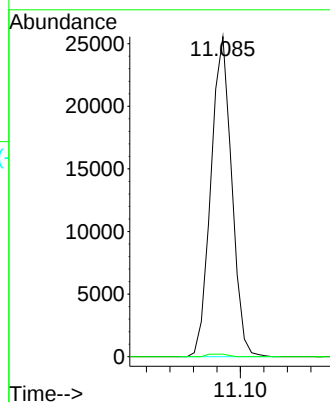
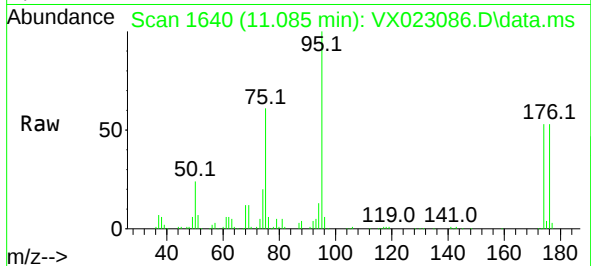




#76
1,2,3-Trichloropropane
Concen: 33.074 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

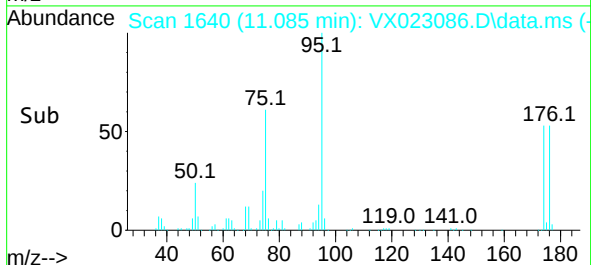
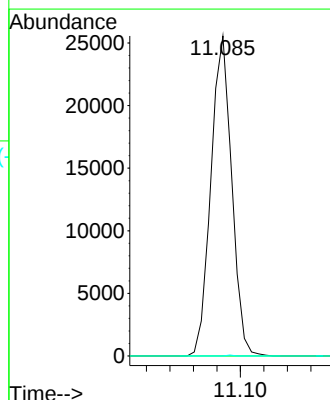
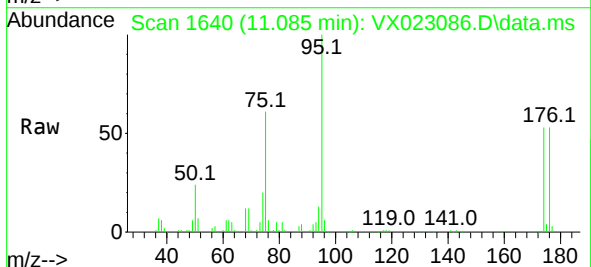
Instrument :
MSVOA_X
ClientSampled :
IBLK

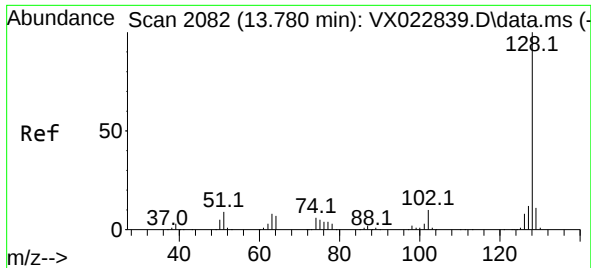
Tgt Ion: 75 Resp: 31453
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.213 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 75 Resp: 31453
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.949 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023086.D
Acq: 01 Jul 2021 15:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 82
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

