

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022466.D
 Acq On : 05 Jun 2021 13:00
 Operator : JC/MD
 Sample : M2580-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

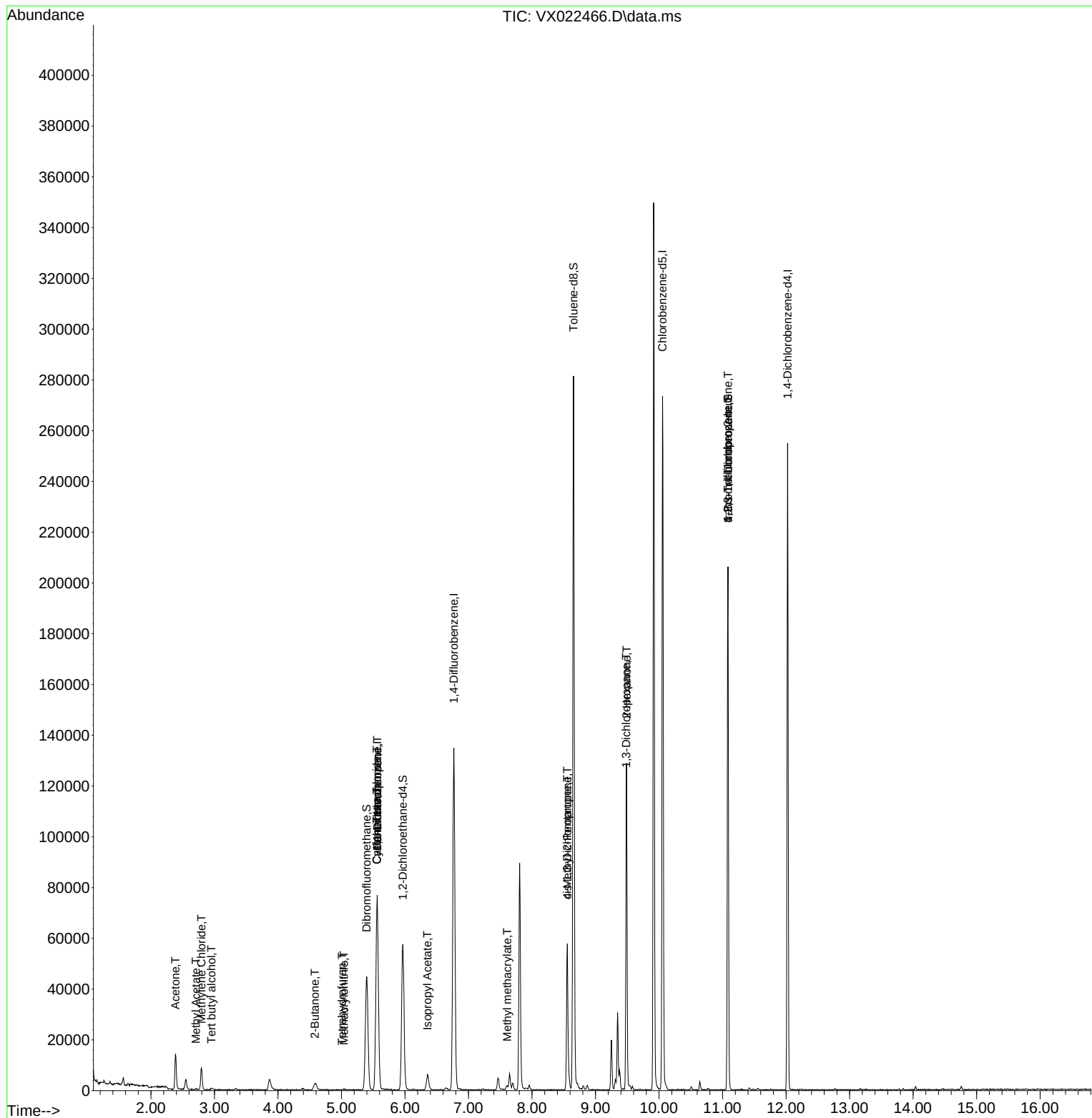
Internal Standards						
1) Pentafluorobenzene	5.562	168	62764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53635	55.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.800%
35) Dibromofluoromethane	5.397	113	38698	46.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.653	98	164128	51.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	11.085	95	56095	47.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	500	2.258	ug/l	# 73
16) Acetone	2.386	43	15043	35.683	ug/l	100
18) Methyl Acetate	2.709	43	554	0.494	ug/l	# 83
20) Methylene Chloride	2.794	84	3568	3.812	ug/l	89
25) 2-Butanone	4.580	43	2855	4.186	ug/l	90
29) Tetrahydrofuran	5.007	42	82	0.202	ug/l	# 27
31) Cyclohexane	5.556	56	1941	1.595	ug/l	# 7
36) 1,1-Dichloropropene	5.562	75	6270	5.172	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	7249	6.112	ug/l	# 16
41) Methacrylonitrile	5.038	41	207	0.260	ug/l	# 1
43) Isopropyl Acetate	6.354	43	6835	2.812	ug/l	# 91
48) Methyl methacrylate	7.610	41	2855	2.548	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.555	43	21275	14.611	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	8871	5.533	ug/l	# 66
57) 1,3-Dichloropropane	9.482	76	1198	0.732	ug/l	# 42
59) 2-Hexanone	9.488	43	14775	13.491	ug/l	# 49
76) 1,2,3-Trichloropropane	11.085	75	29849	26.464	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29849	62.702	ug/l	# 12

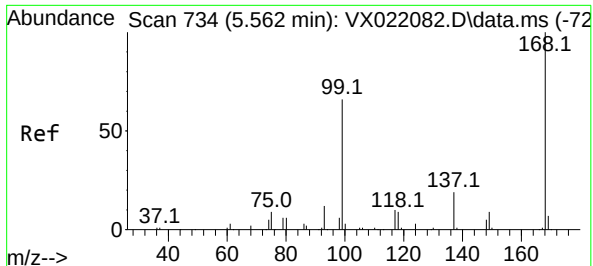
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

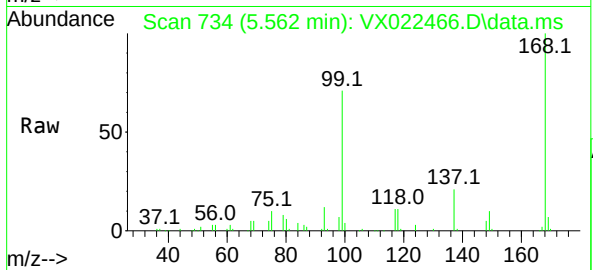
Quant Time: Jun 07 03:22:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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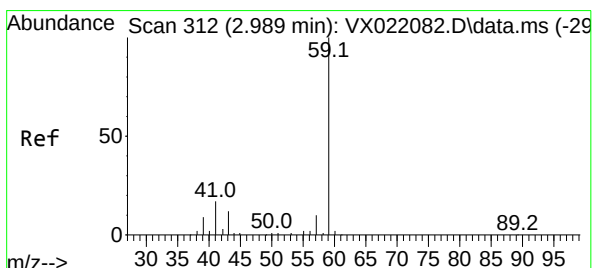
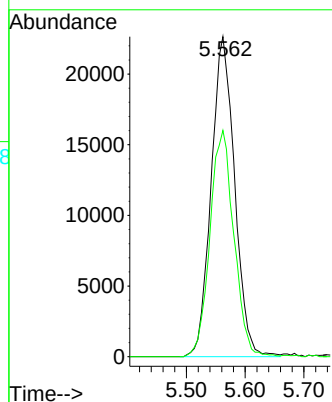
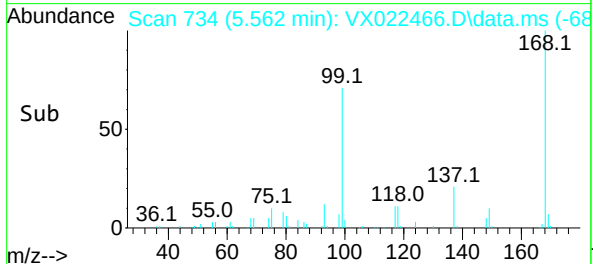


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

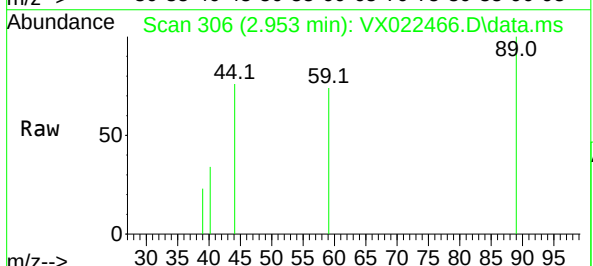
Instrument :
MSVOA_X
ClientSampled :



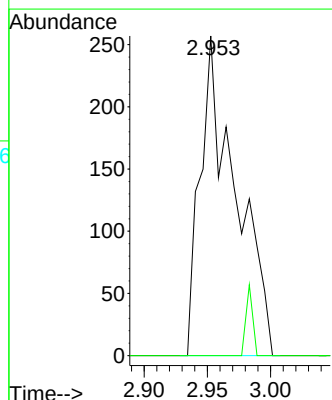
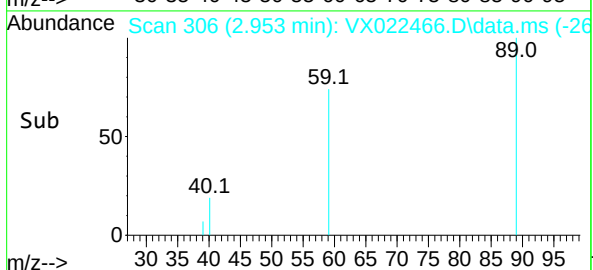
Tgt Ion:168 Resp: 62764
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#

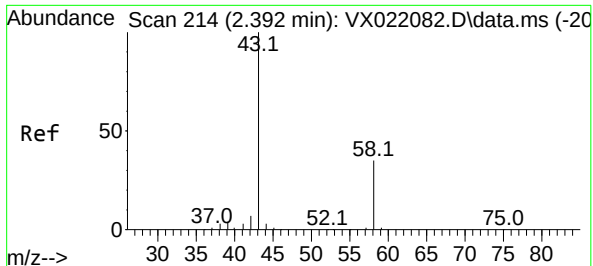


#11
Tert butyl alcohol
Concen: 2.258 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00



Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

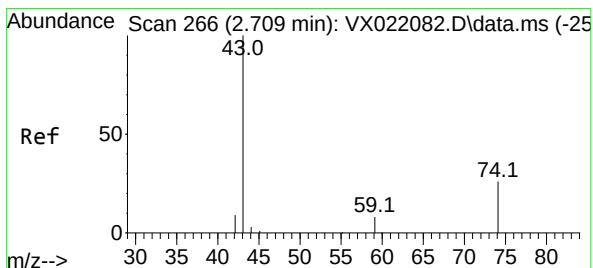
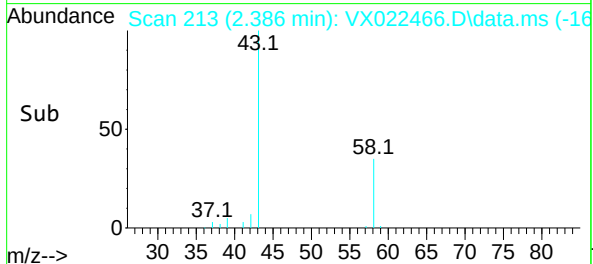
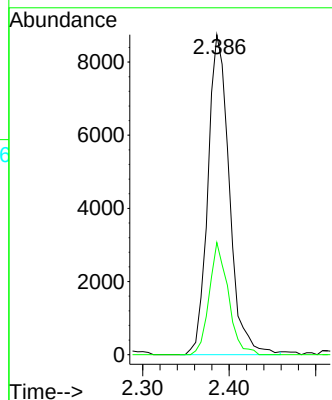
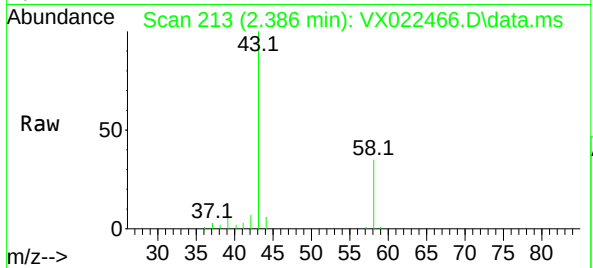




#16
Acetone
Concen: 35.683 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

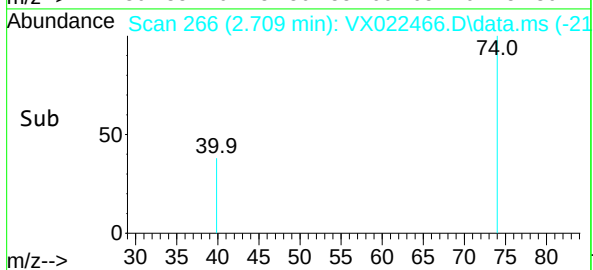
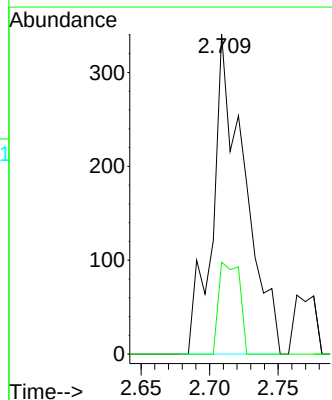
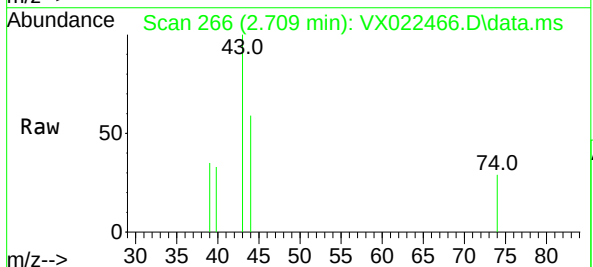
Instrument :
MSVOA_X
ClientSampled :

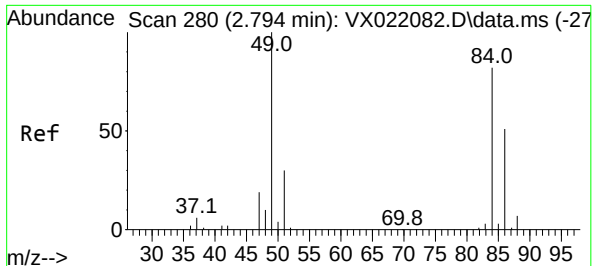
Tgt Ion: 43 Resp: 15043
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.494 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

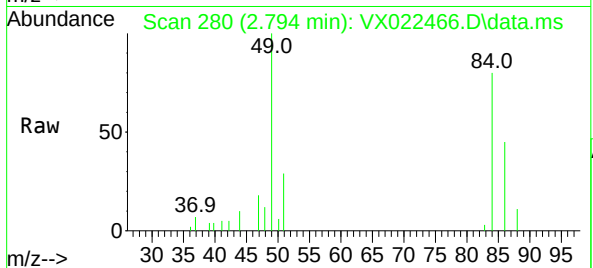
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
74 18.6 21.9 32.9#



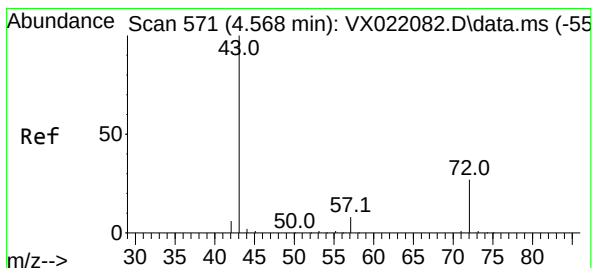
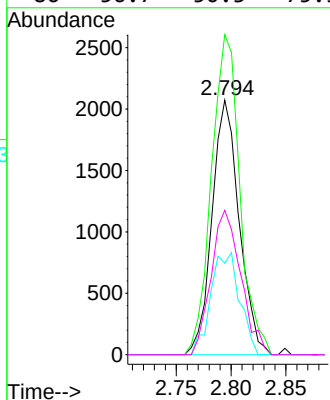
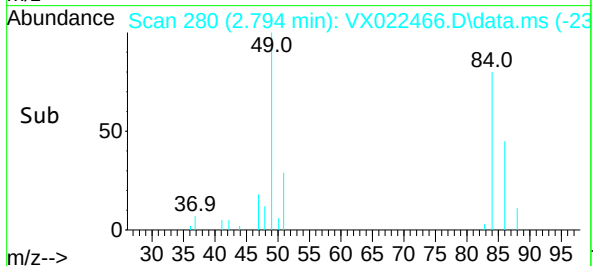


#20
Methylene Chloride
Concen: 3.812 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

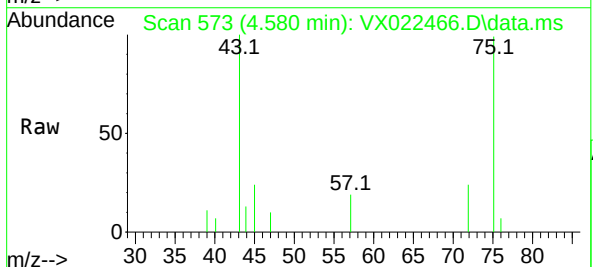
Instrument :
MSVOA_X
ClientSampled :



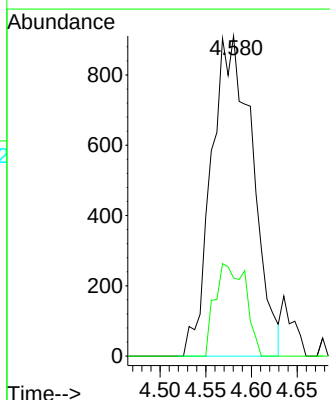
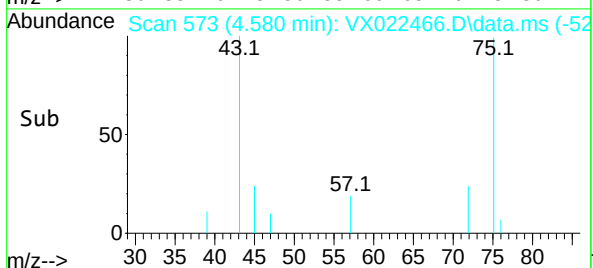
Tgt Ion: 84	Resp: 3568
Ion Ratio	Lower Upper
84 100	
49 125.7	88.6 132.8
51 35.9	27.0 40.6
86 56.7	50.3 75.5

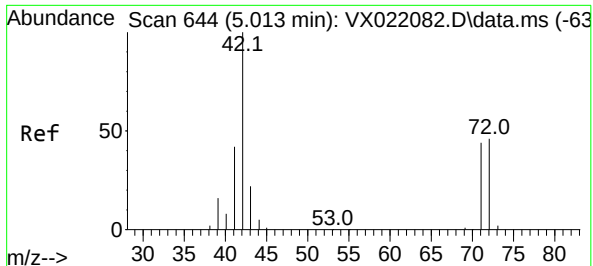


#25
2-Butanone
Concen: 4.186 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00



Tgt Ion: 43	Resp: 2855		
Ion Ratio	Lower	Upper	
43 100			
72 24.4	23.7	35.5	





#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.007 min Scan# 643

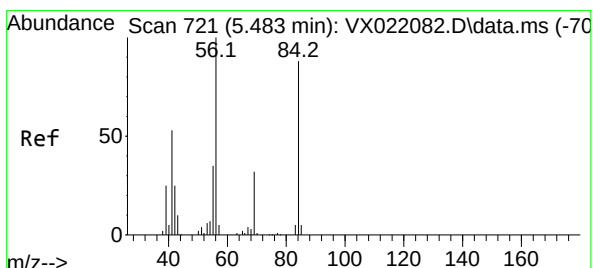
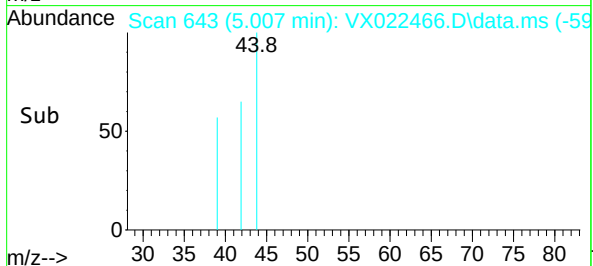
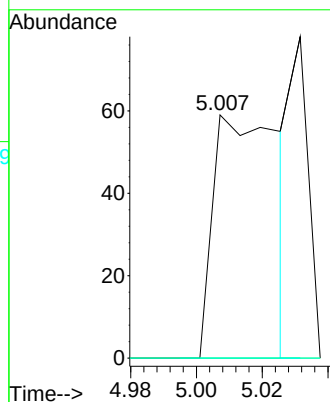
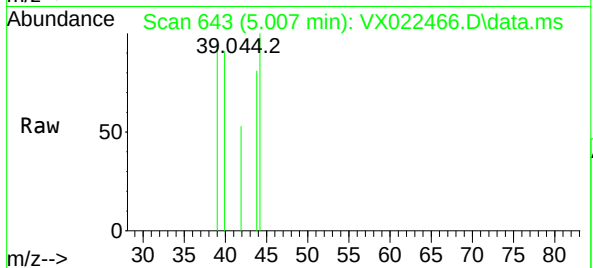
Delta R.T. -0.006 min

Lab File: VX022466.D

Acq: 05 Jun 2021 13:00

Tgt Ion: 42	Resp: 82
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.595 ug/l

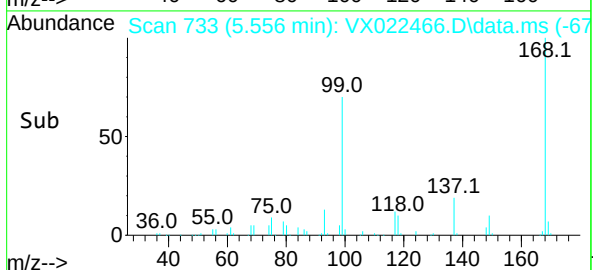
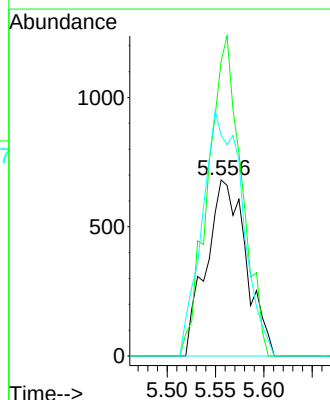
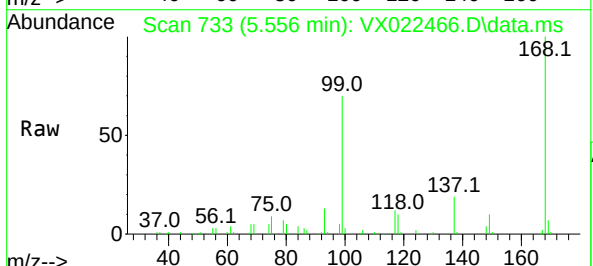
RT: 5.556 min Scan# 733

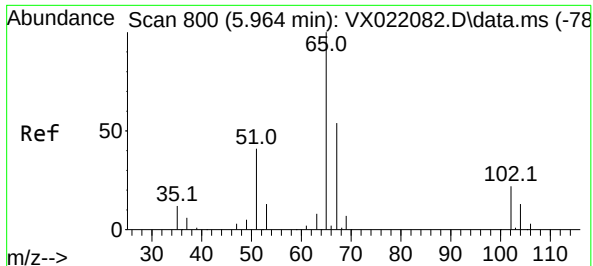
Delta R.T. 0.073 min

Lab File: VX022466.D

Acq: 05 Jun 2021 13:00

Tgt Ion: 56	Resp: 1941
Ion Ratio	Lower Upper
56	100
69	167.7 25.3 37.9#
84	125.3 71.4 107.0#



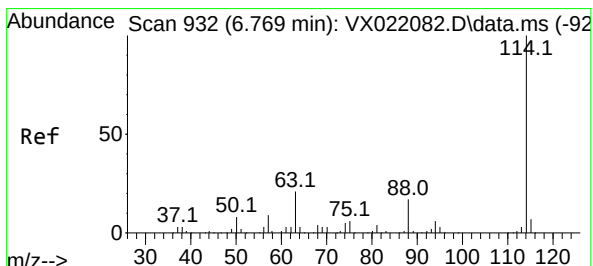
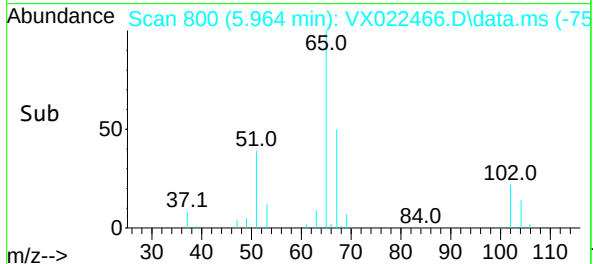
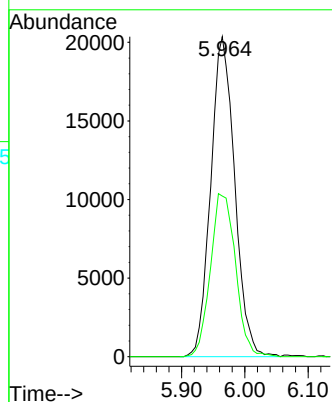
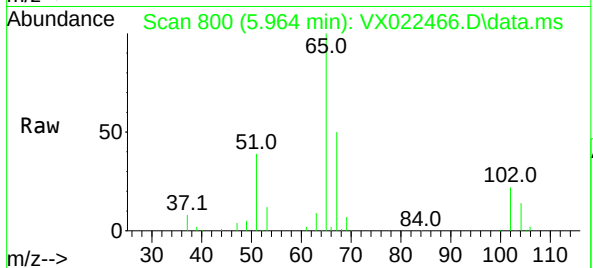


#33

1,2-Dichloroethane-d4
Concen: 55.398 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Instrument :
MSVOA_X
ClientSampled :

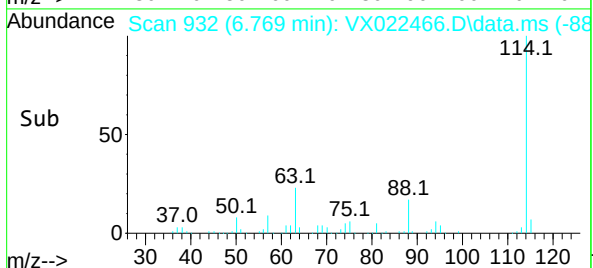
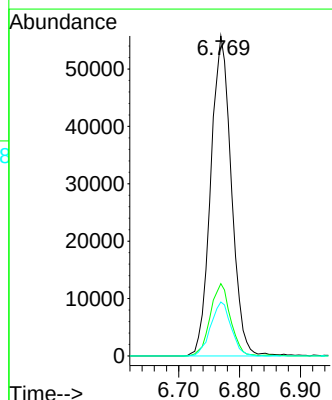
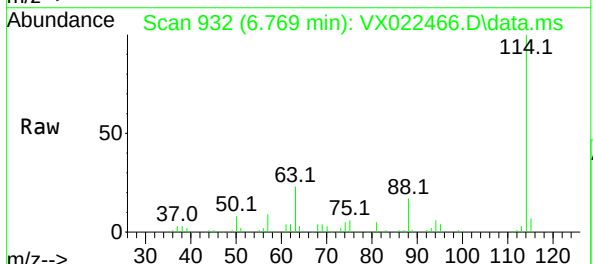
Tgt Ion: 65 Resp: 53635
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

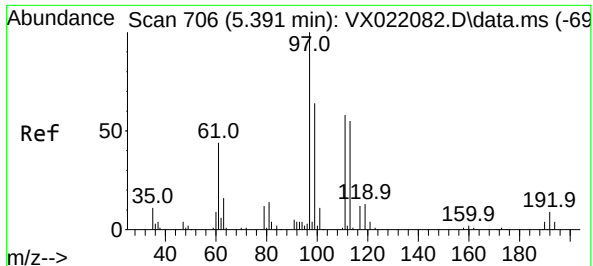


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 114 Resp: 131110
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.544 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022466.D

Acq: 05 Jun 2021 13:00

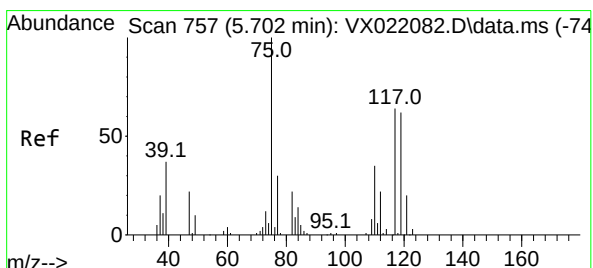
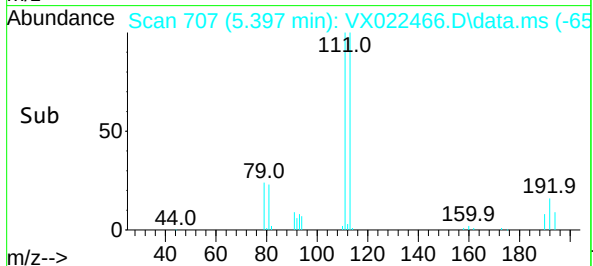
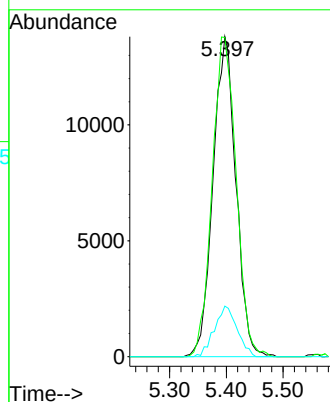
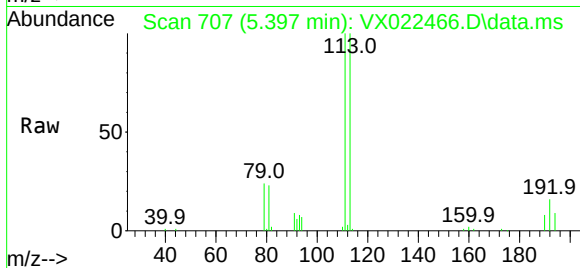
Tgt Ion:113 Resp: 38698

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

192 15.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.172 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022466.D

Acq: 05 Jun 2021 13:00

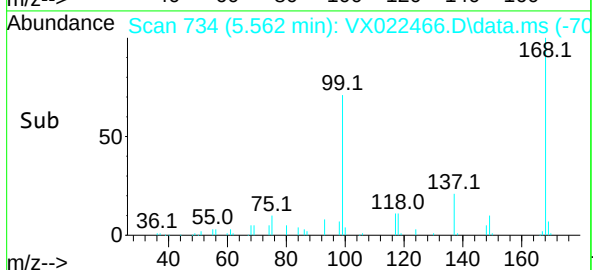
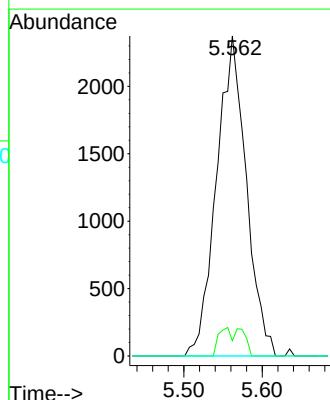
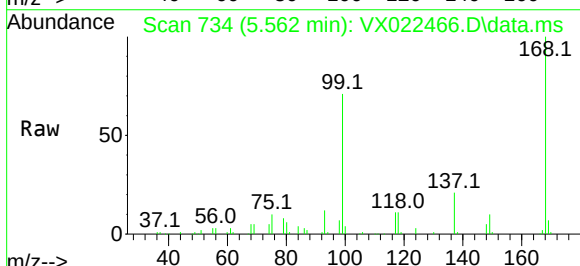
Tgt Ion: 75 Resp: 6270

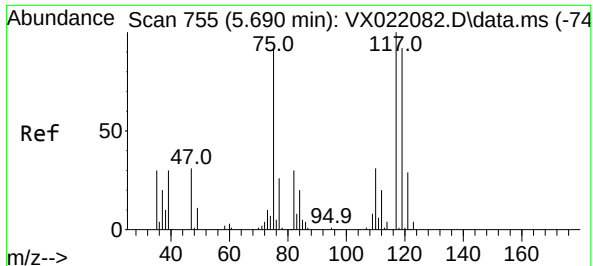
Ion Ratio Lower Upper

75 100

110 4.0 18.1 54.4#

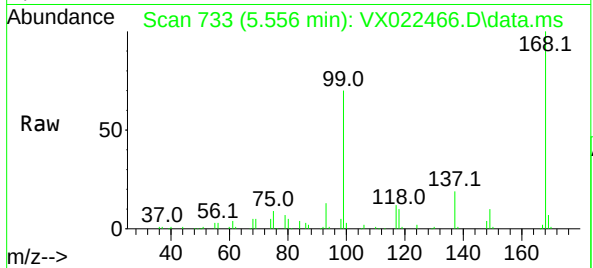
77 0.0 25.3 37.9#



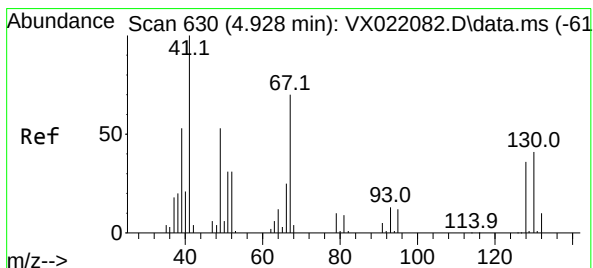
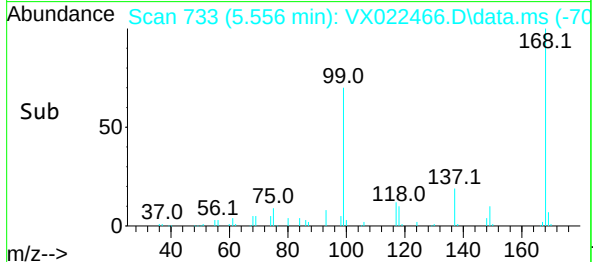
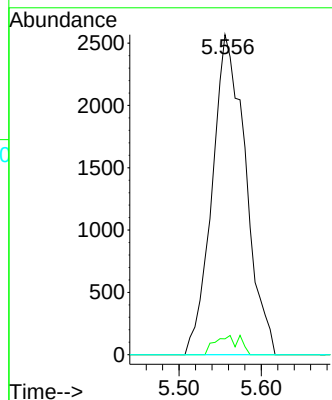


#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Instrument :
MSVOA_X
ClientSampleId :

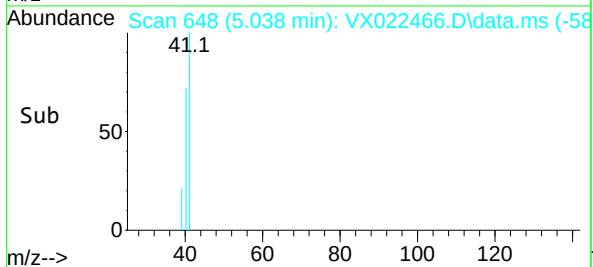
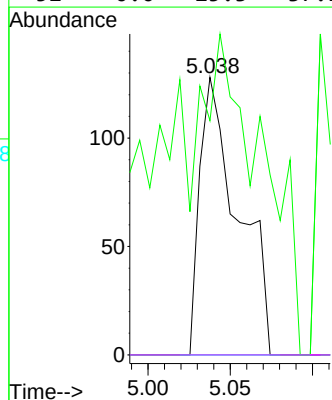
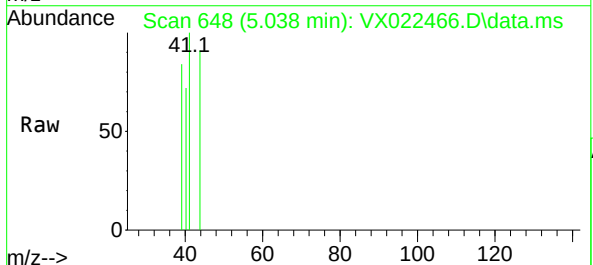


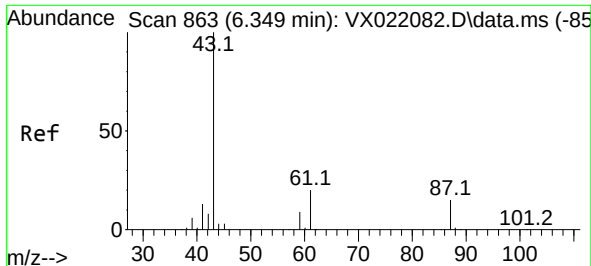
Tgt Ion:117 Resp: 7249
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.260 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 41 Resp: 207
Ion Ratio Lower Upper
41 100
39 183.1 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

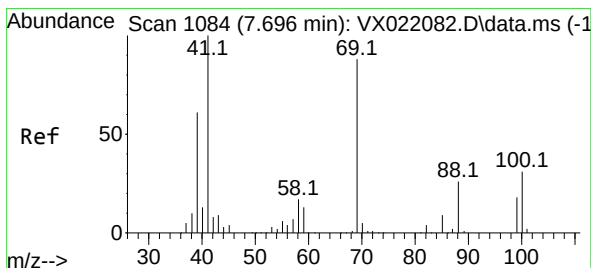
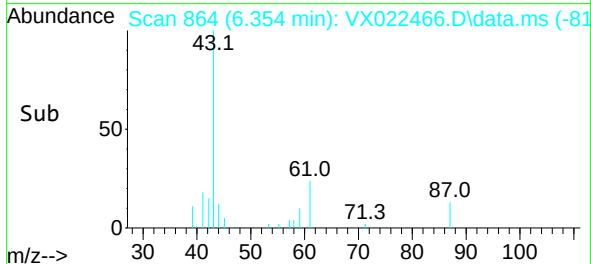
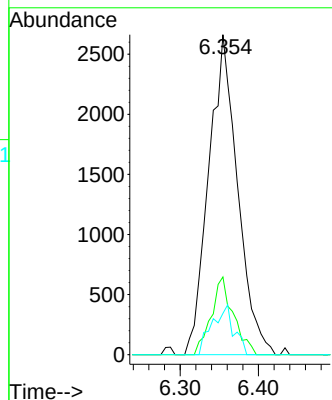
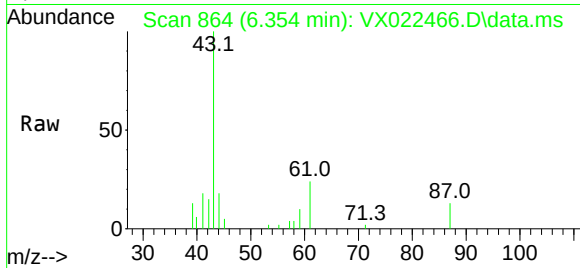




#43
Isopropyl Acetate
Concen: 2.812 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

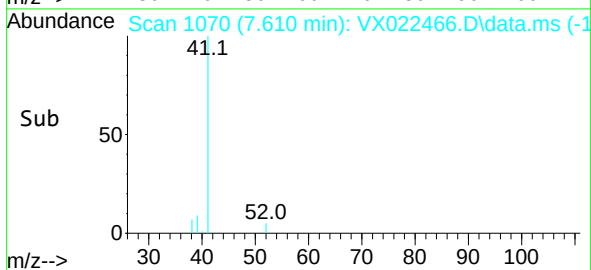
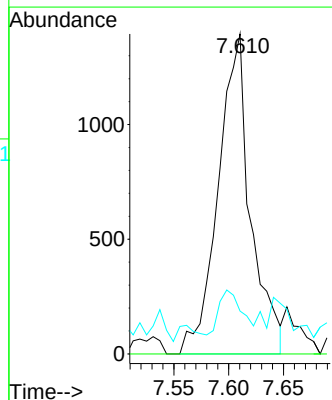
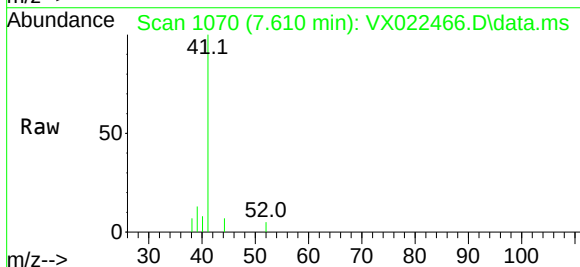
Instrument :
MSVOA_X
ClientSampled :

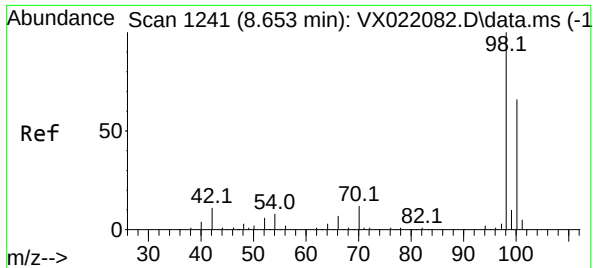
Tgt Ion: 43 Resp: 6835
Ion Ratio Lower Upper
43 100
61 18.5 18.2 27.4
87 11.7 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.548 ug/l
RT: 7.610 min Scan# 1070
Delta R.T. -0.086 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 41 Resp: 2855
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 14.6 44.6 67.0#

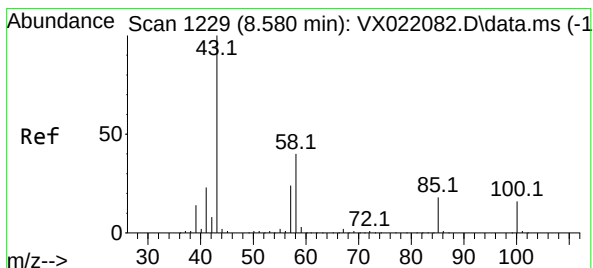
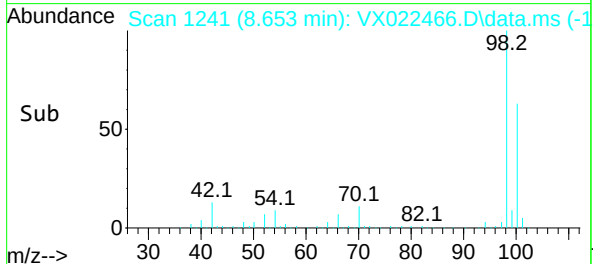
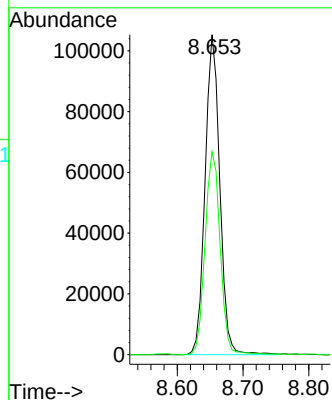
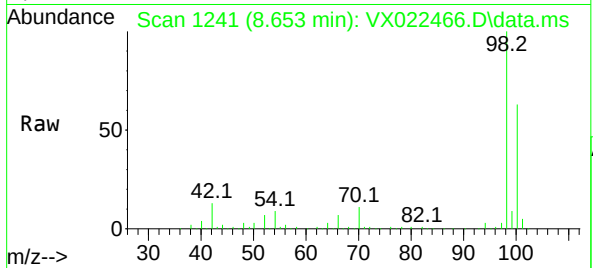




#50
Toluene-d8
Concen: 51.245 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

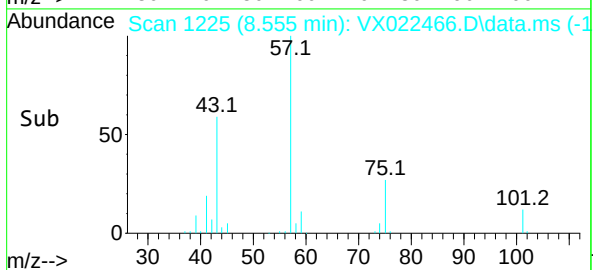
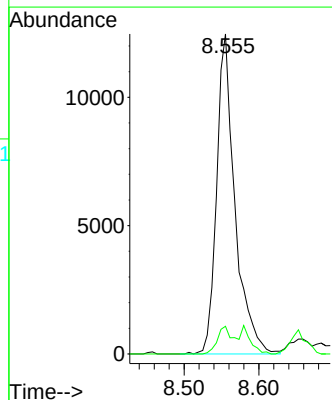
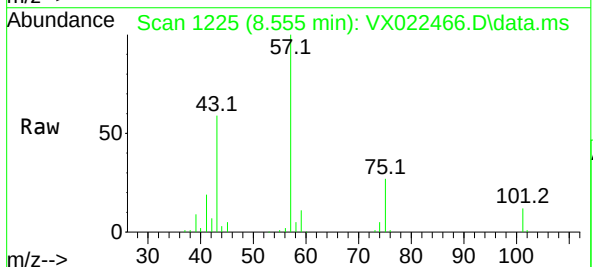
Instrument :
MSVOA_X
ClientSampled :

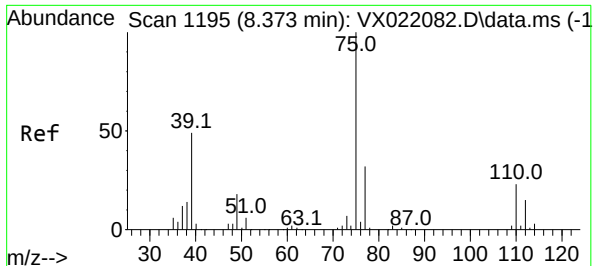
Tgt Ion: 98 Resp: 164128
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 14.611 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#

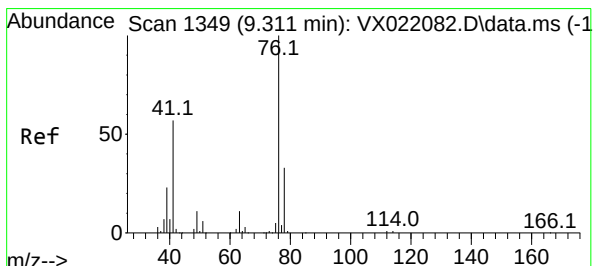
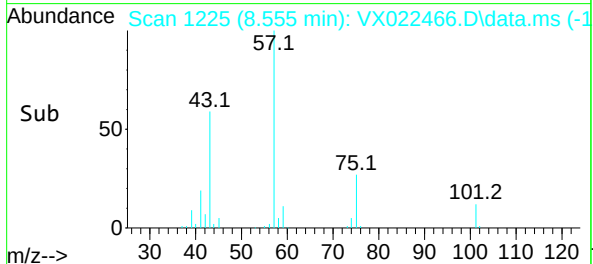
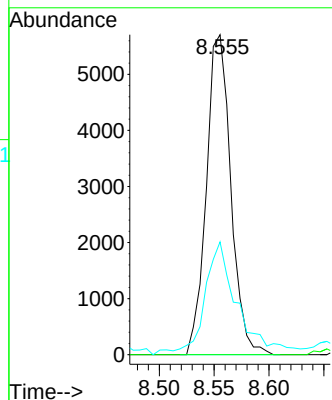
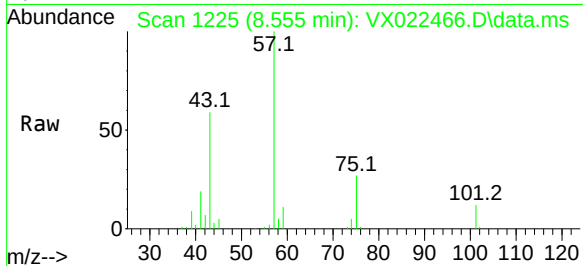




#54
 cis-1,3-Dichloropropene
 Concen: 5.533 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022466.D
 Acq: 05 Jun 2021 13:00

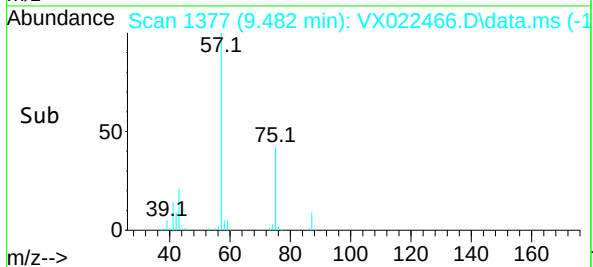
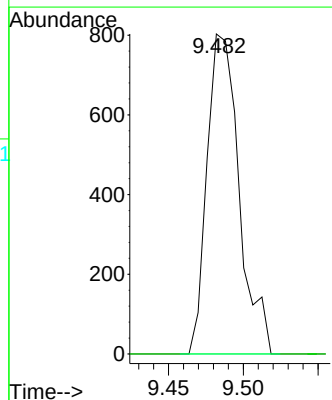
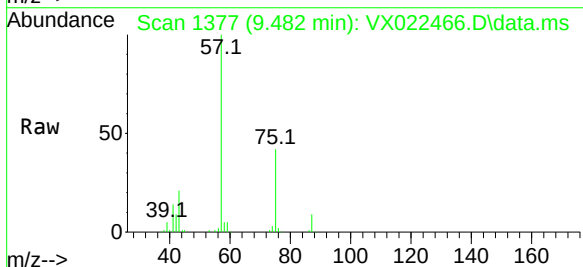
Instrument :
 MSVOA_X
 ClientSampled :

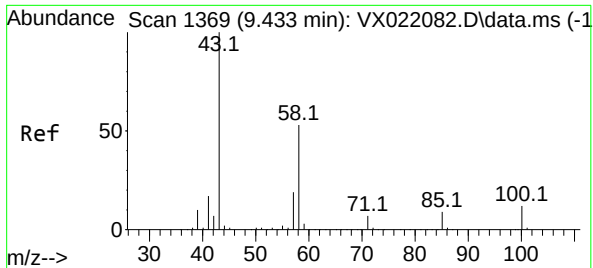
Tgt Ion: 75 Resp: 8871
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 33.4 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 0.732 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX022466.D
 Acq: 05 Jun 2021 13:00

Tgt Ion: 76 Resp: 1198
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

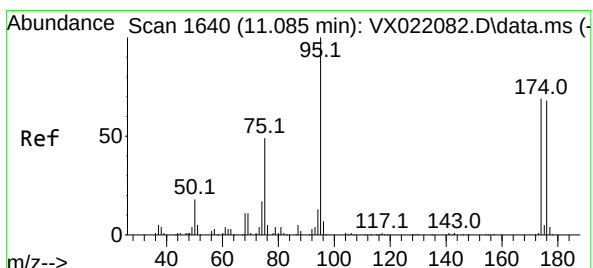
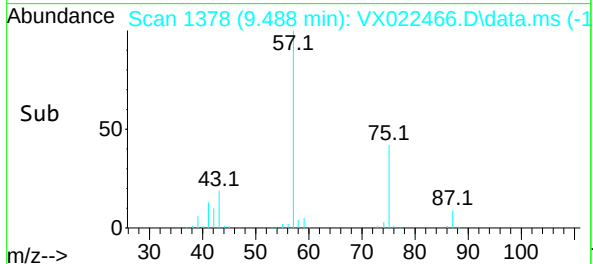
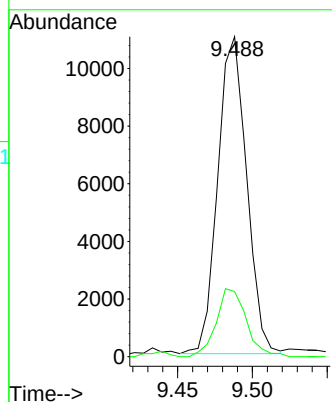
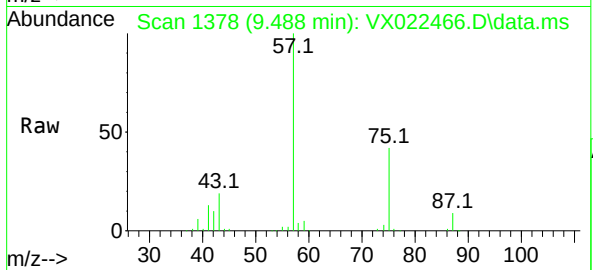




#59
2-Hexanone
Concen: 13.491 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

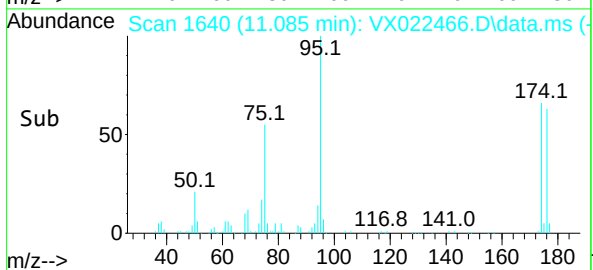
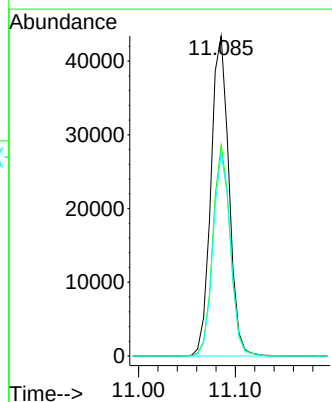
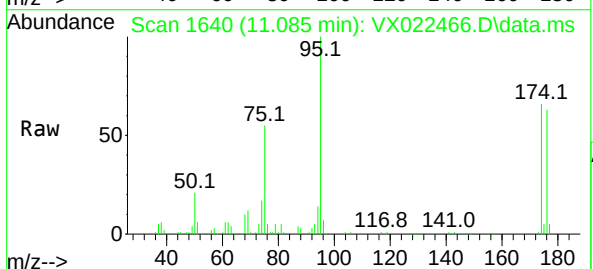
Instrument :
MSVOA_X
ClientSampled :

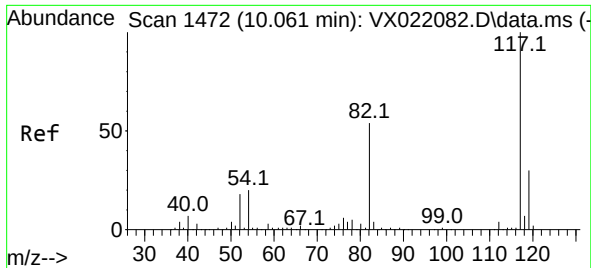
Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
58 22.4 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.385 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 95 Resp: 56095
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.4 0.0 155.8

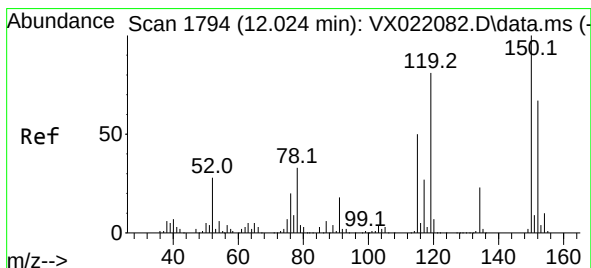
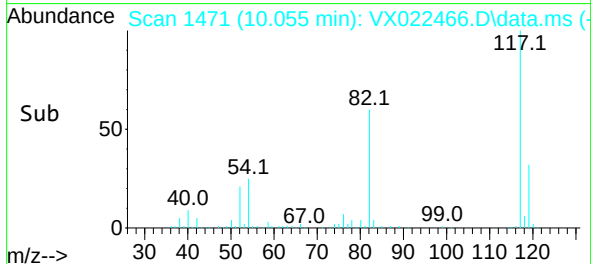
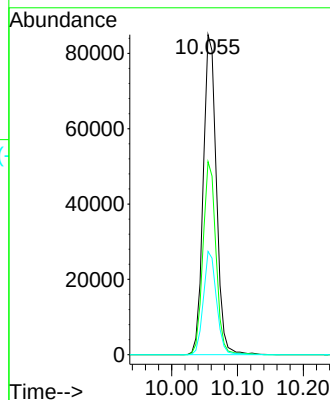
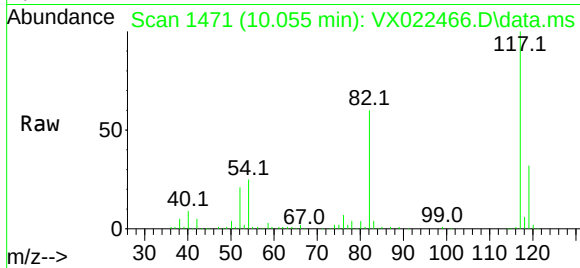




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

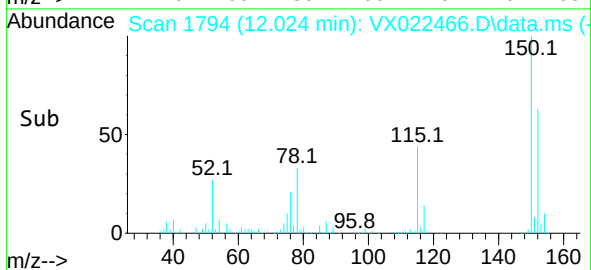
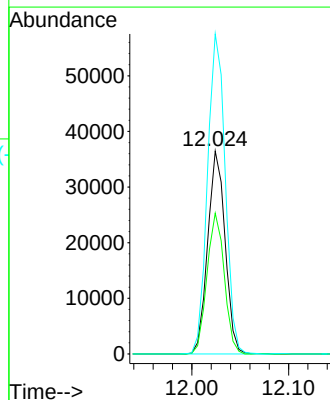
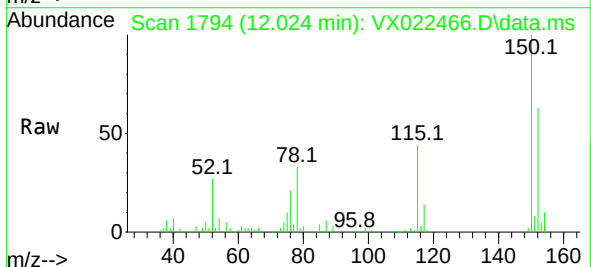
Instrument :
MSVOA_X
ClientSampleId :

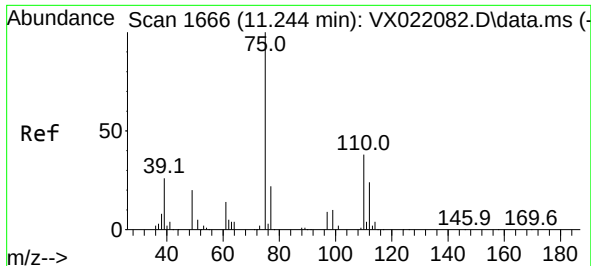
Tgt Ion:117 Resp: 117933
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion:152 Resp: 45720
Ion Ratio Lower Upper
152 100
115 68.8 41.1 123.3
150 160.3 0.0 349.0

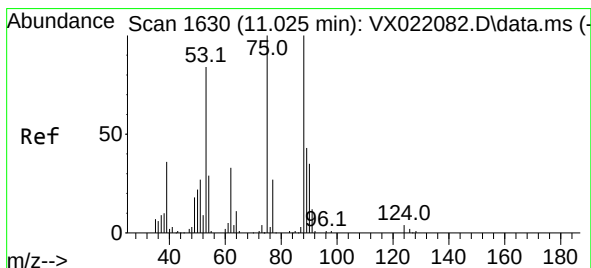
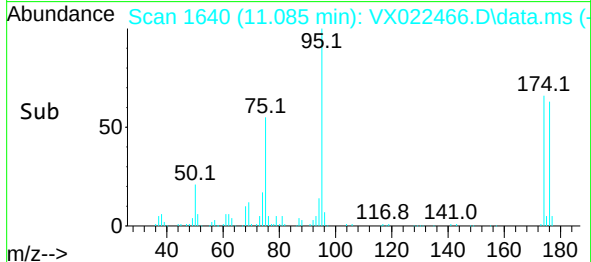
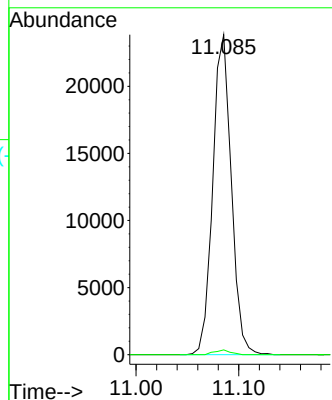
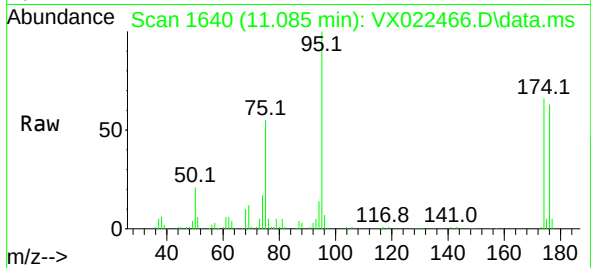




#76
1,2,3-Trichloropropane
Concen: 26.464 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29849
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.702 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022466.D
Acq: 05 Jun 2021 13:00

Tgt Ion: 75 Resp: 29849
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

