

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022392.D
 Acq On : 04 Jun 2021 01:48
 Operator : JC/MD
 Sample : PB36780ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

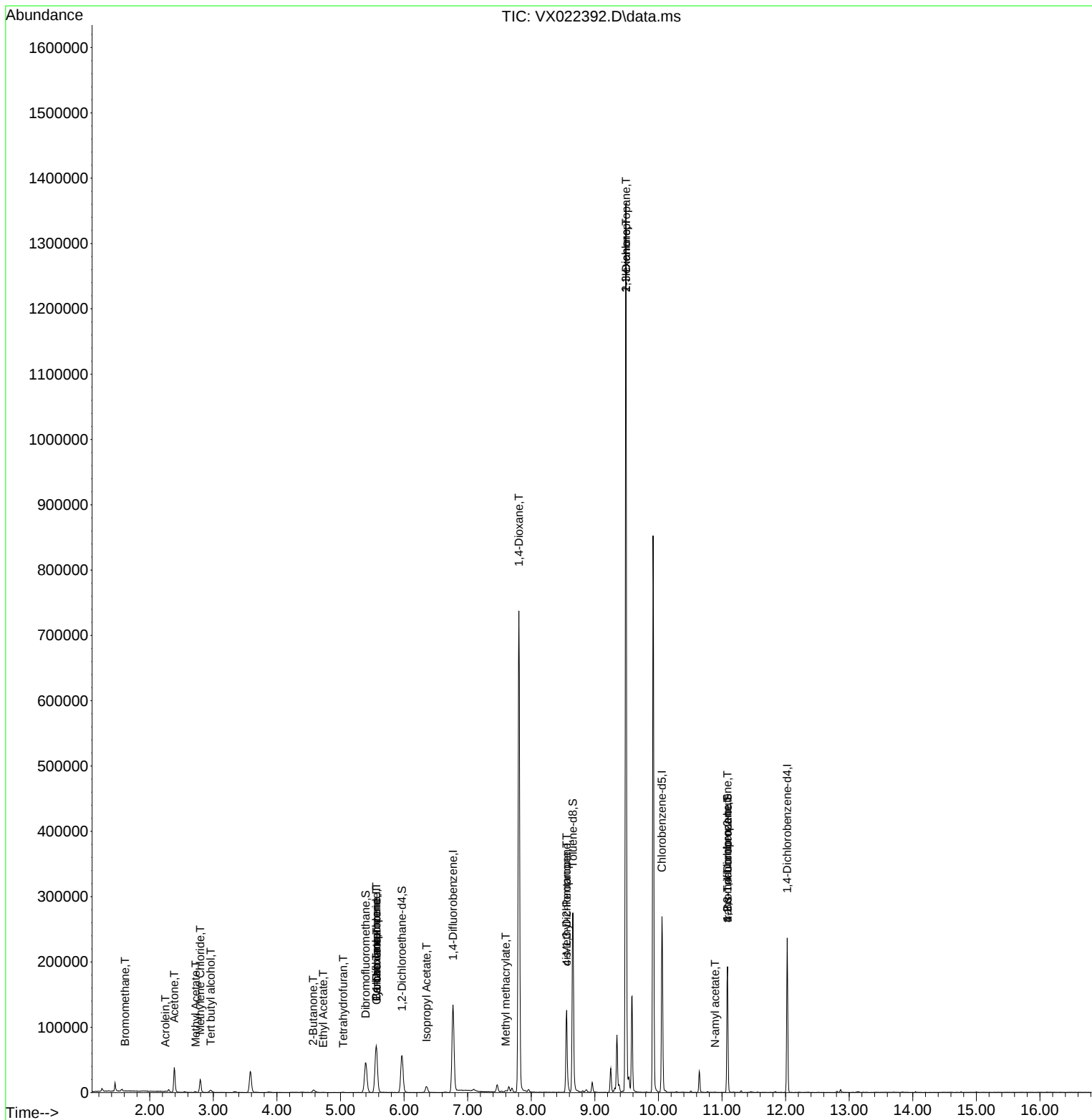
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:40:02 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	61936	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52173	54.61	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.22%	
35) Dibromofluoromethane	5.397	113	38608	47.09	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.18%	
50) Toluene-d8	8.653	98	161314	51.07	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.14%	
62) 4-Bromofluorobenzene	11.086	95	53282	45.64	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.28%	
Target Compounds						Qvalue
5) Bromomethane	1.612	94	162	0.32	ug/l	89
11) Tert butyl alcohol	2.959	59	3088	14.13	ug/l	# 86
13) Acrolein	2.246	56	33	0.23	ug/l	# 1
16) Acetone	2.386	43	37639	90.48	ug/l	98
18) Methyl Acetate	2.721	43	1553	1.40	ug/l	# 83
20) Methylene Chloride	2.794	84	7935	8.59	ug/l	91
25) 2-Butanone	4.568	43	5016	7.45	ug/l	# 86
29) Tetrahydrofuran	5.044	42	300	0.75	ug/l	# 44
31) Cyclohexane	5.568	56	1663	1.39	ug/l	# 21
36) 1,1-Dichloropropene	5.562	75	6143	5.14	ug/l	# 48
37) Ethyl Acetate	4.727	43	335	0.23	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6926	5.92	ug/l	# 17
43) Isopropyl Acetate	6.355	43	12875	5.37	ug/l	# 94
48) Methyl methacrylate	7.598	41	3673	3.32	ug/l	# 10
49) 1,4-Dioxane	7.806	88	77	3.58	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	45030	31.36	ug/l	# 42
54) cis-1,3-Dichloropropene	8.555	75	20925	13.24	ug/l	# 62
57) 1,3-Dichloropropane	9.488	76	11663	7.22	ug/l	# 43
59) 2-Hexanone	9.488	43	153600	142.22	ug/l	# 45
74) N-amyl acetate	10.890	43	422	0.25	ug/l	# 38
76) 1,2,3-Trichloropropane	11.086	75	29163	28.26	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	29163	66.95	ug/l	# 12

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

Quant Time: Jun 04 05:40:02 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

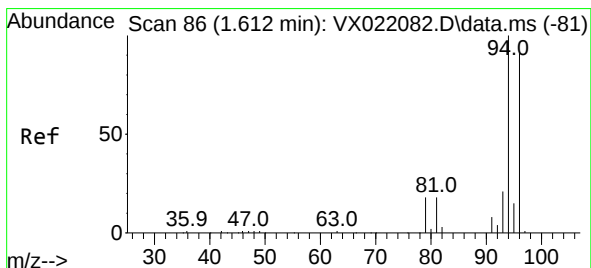
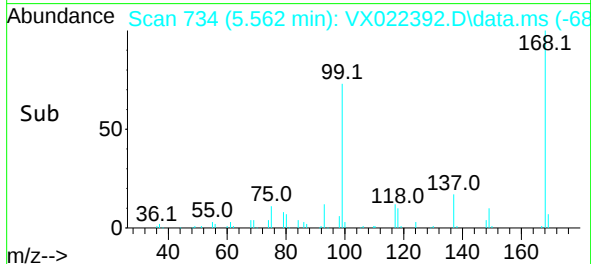
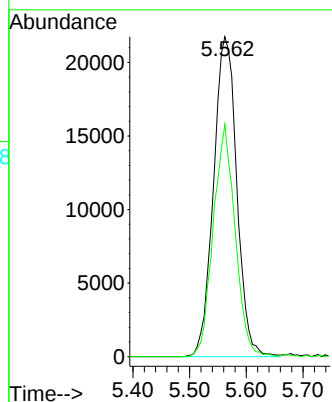
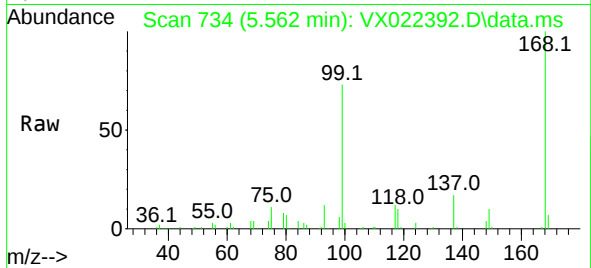




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

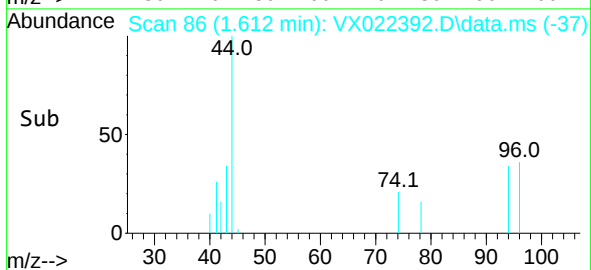
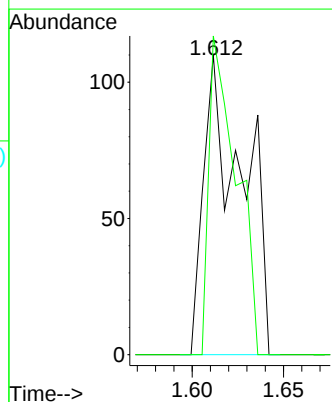
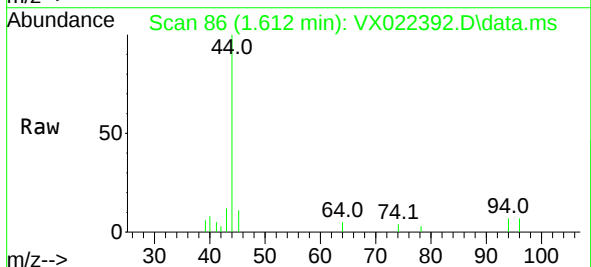
Instrument :
MSVOA_X
ClientSampleId :

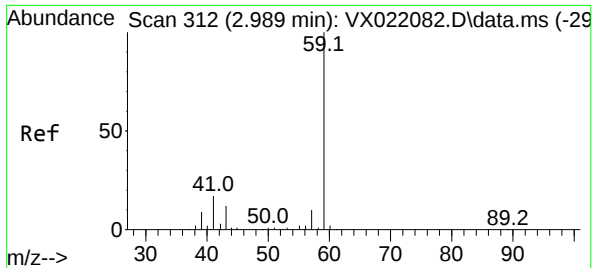
Tgt Ion:168 Resp: 61936
Ion Ratio Lower Upper
168 100
99 72.6 45.8 68.6#



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 106.4 76.4 114.6



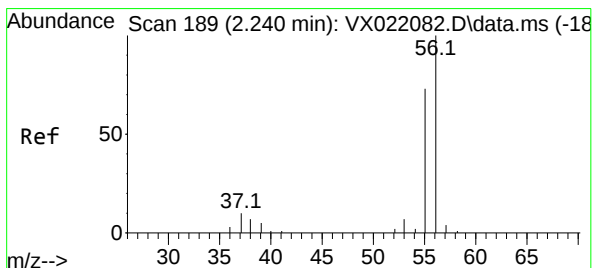
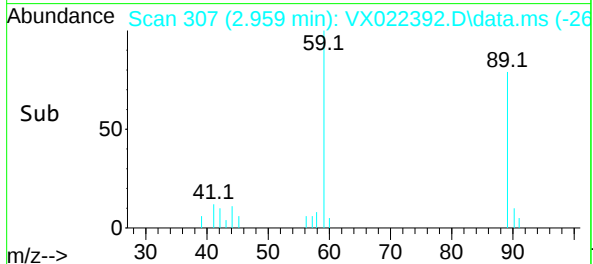
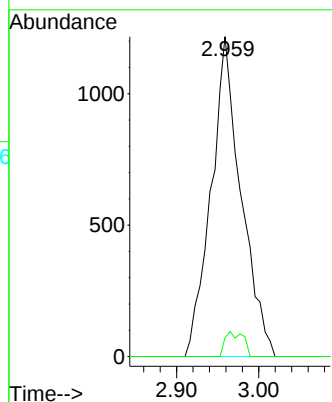
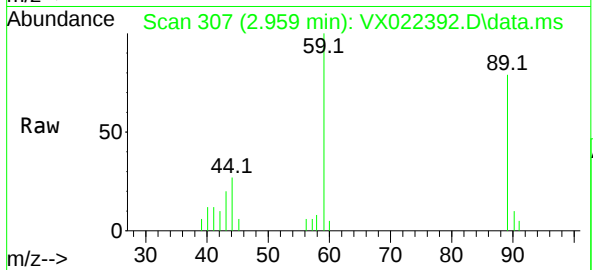


#11

Tert butyl alcohol
Concen: 14.13 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Instrument :
MSVOA_X
ClientSampled :

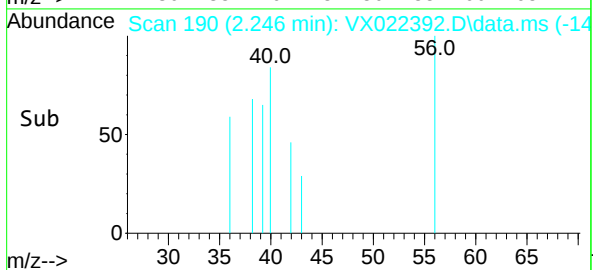
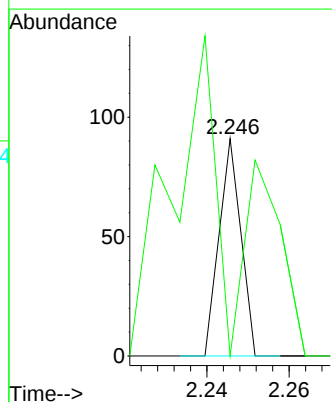
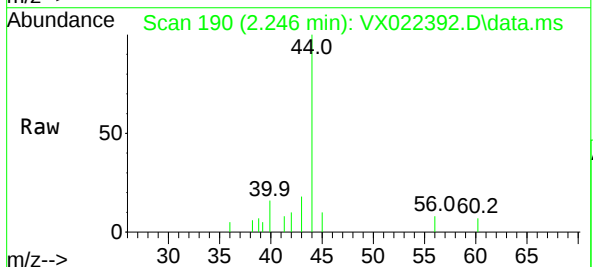
Tgt Ion: 59 Resp: 3088
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#

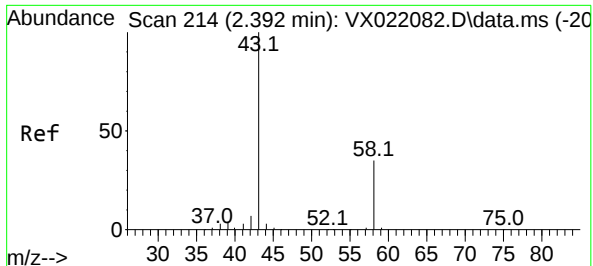


#13

Acrolein
Concen: 0.23 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 451.5 56.4 84.6#

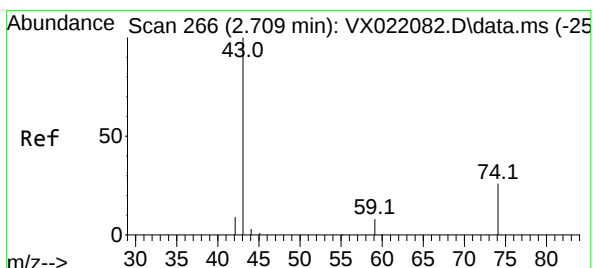
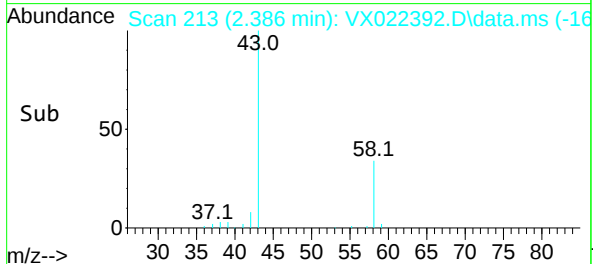
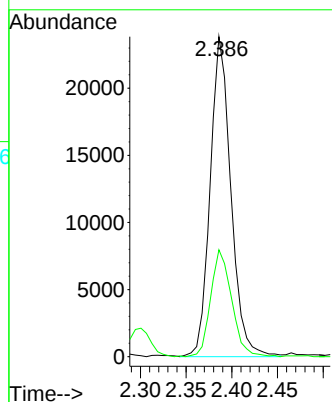
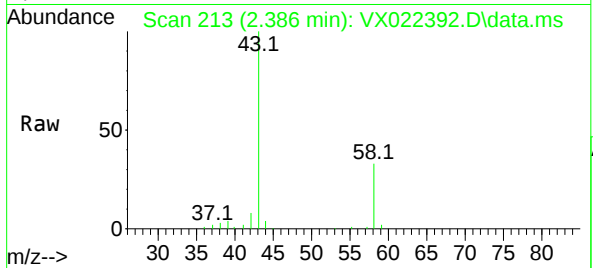




#16
Acetone
Concen: 90.48 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

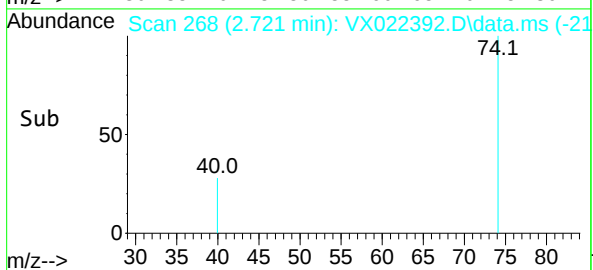
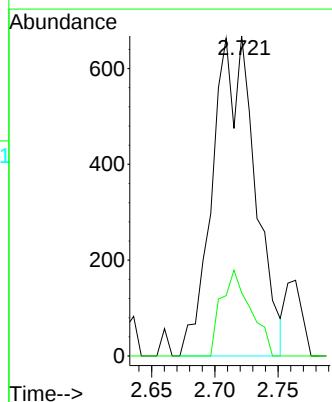
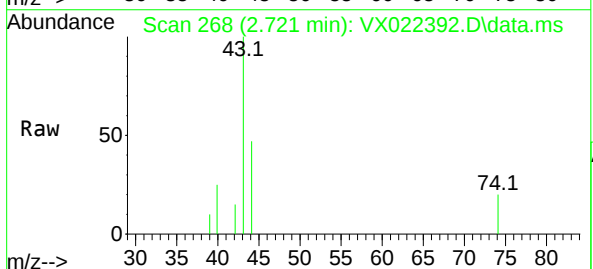
Instrument :
MSVOA_X
ClientSampled :

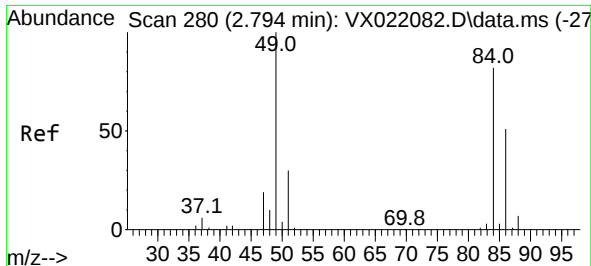
Tgt Ion: 43 Resp: 37639
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.40 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

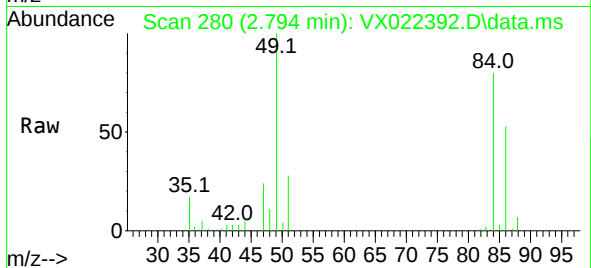
Tgt Ion: 43 Resp: 1553
Ion Ratio Lower Upper
43 100
74 18.6 21.9 32.9#



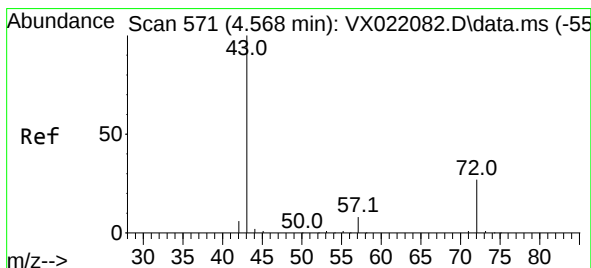
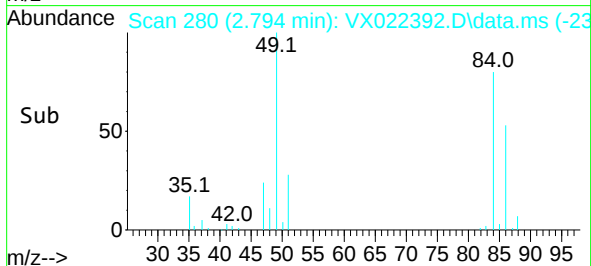
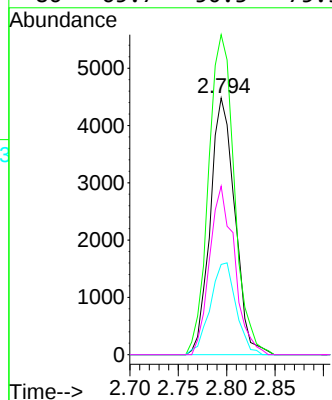


#20
Methylene Chloride
Concen: 8.59 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Instrument :
MSVOA_X
ClientSampleId :

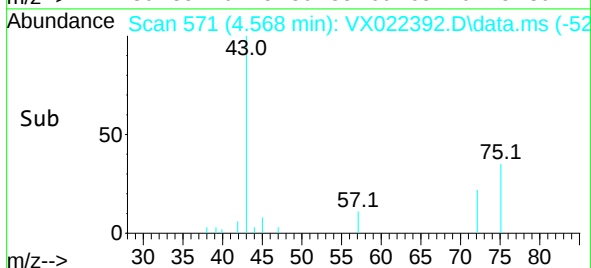
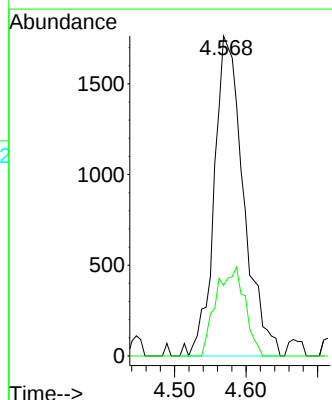
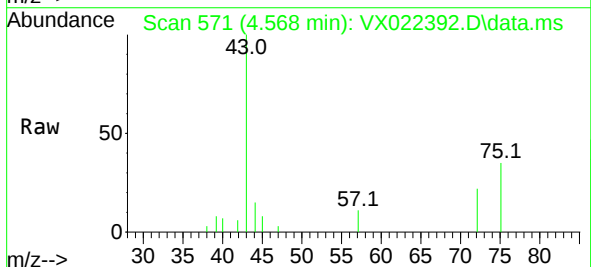


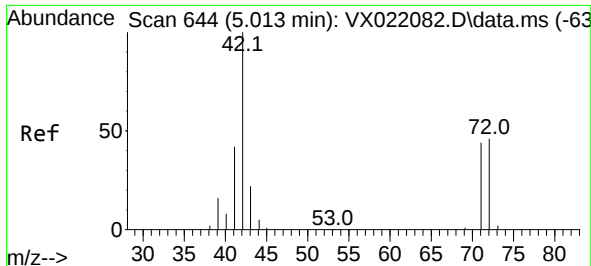
Tgt Ion:	84	Resp:	7935
Ion	Ratio	Lower	Upper
84	100		
49	124.7	88.6	132.8
51	35.2	27.0	40.6
86	65.7	50.3	75.5



#25
2-Butanone
Concen: 7.45 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion:	43	Resp:	5016
Ion	Ratio	Lower	Upper
43	100		
72	22.1	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.75 ug/l

RT: 5.044 min Scan# 649

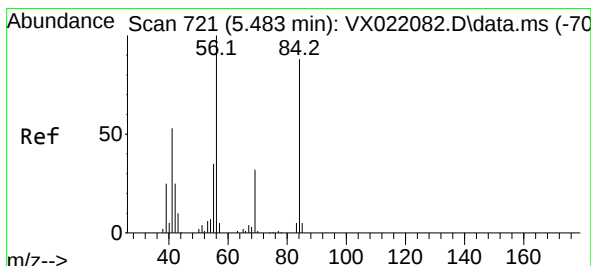
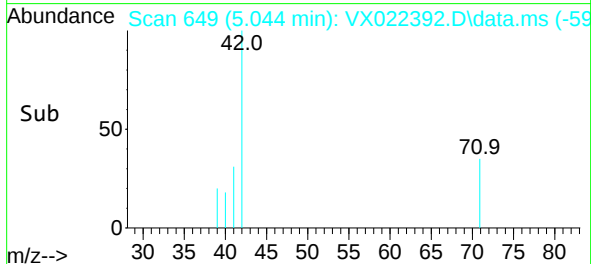
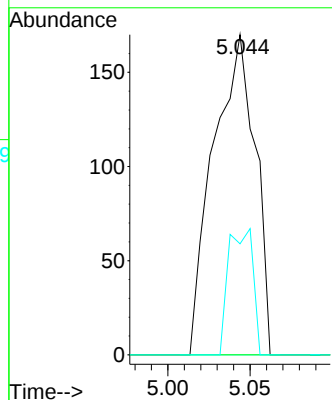
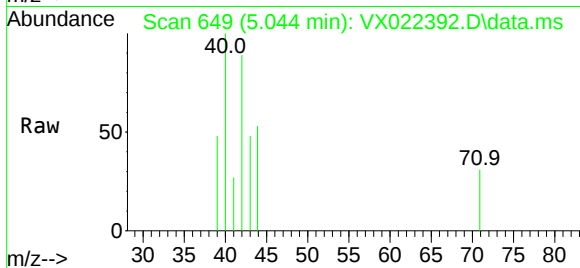
Delta R.T. 0.031 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion:	42	Resp:	300
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	23.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.39 ug/l

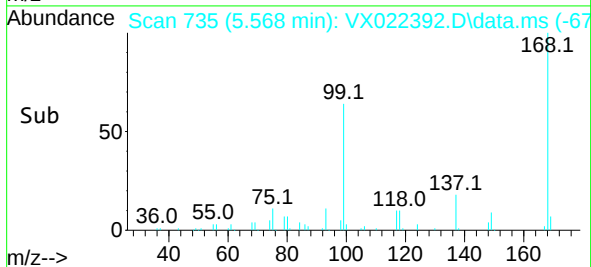
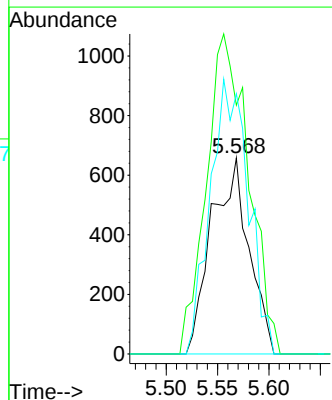
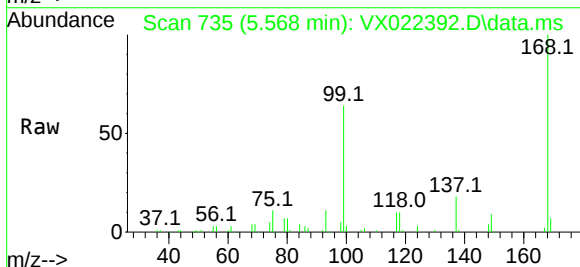
RT: 5.568 min Scan# 735

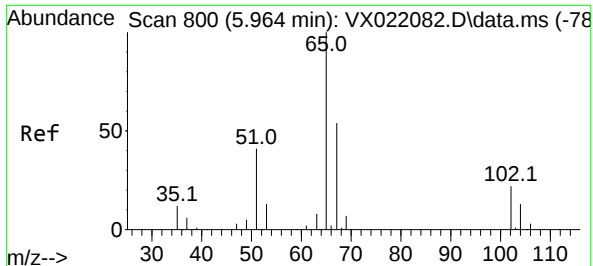
Delta R.T. 0.085 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion:	56	Resp:	1663
Ion	Ratio	Lower	Upper
56	100		
69	126.9	25.3	37.9#
84	132.7	71.4	107.0#

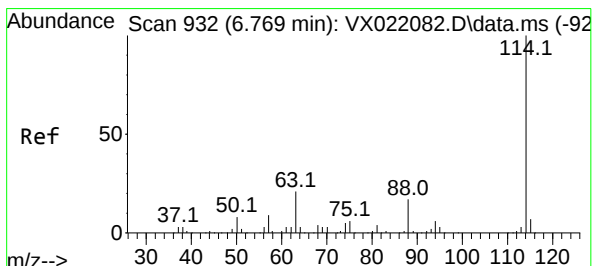
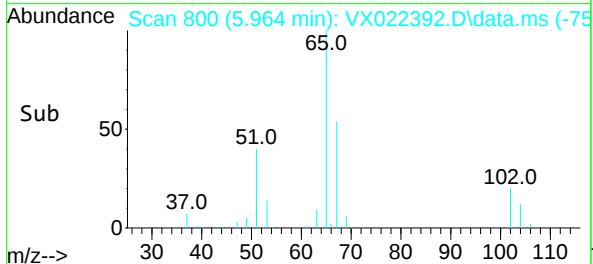
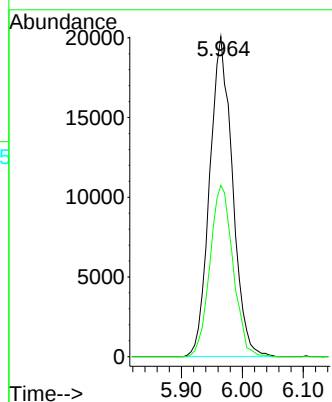
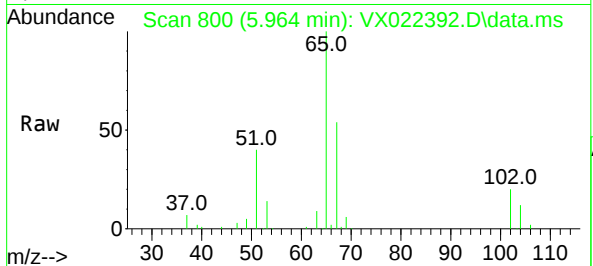




#33
1,2-Dichloroethane-d4
Concen: 54.61 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

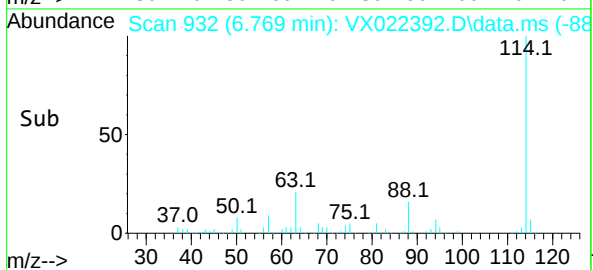
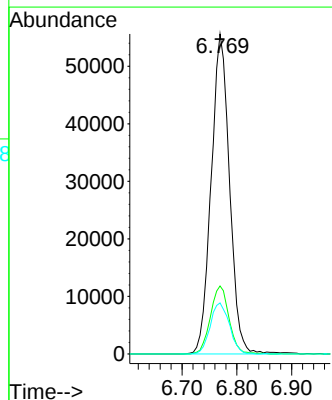
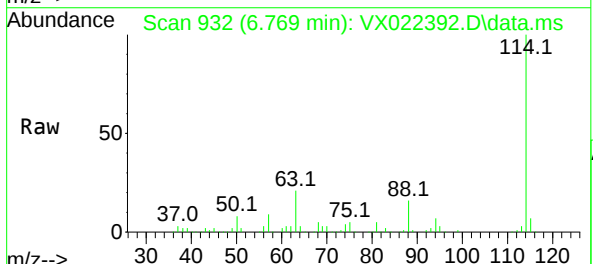
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MSVOA_X
ClientSampleId :

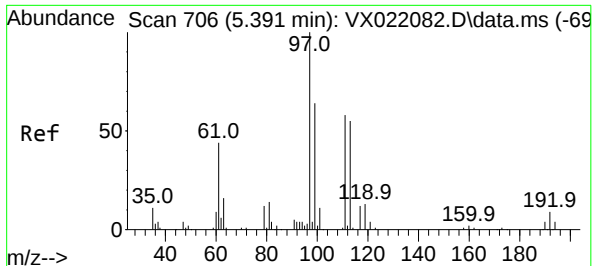
Tgt Ion: 65 Resp: 52173
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 114 Resp: 129297
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.09 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

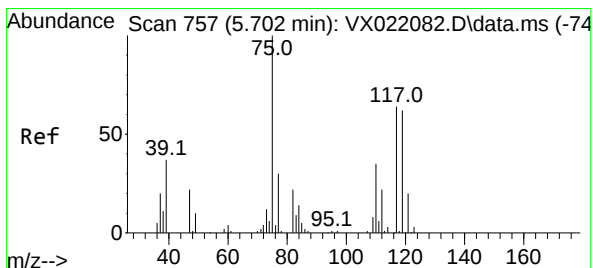
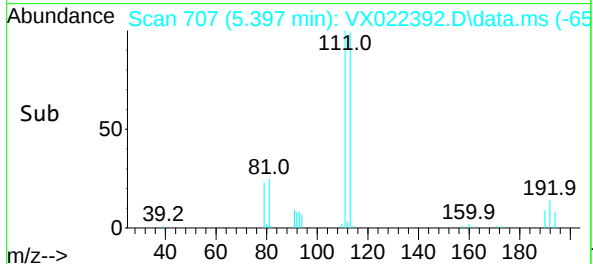
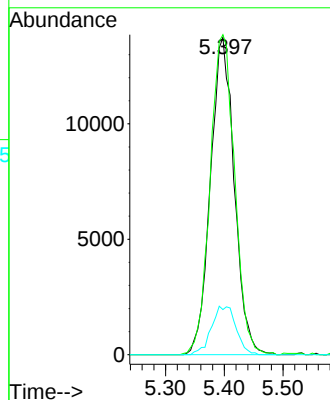
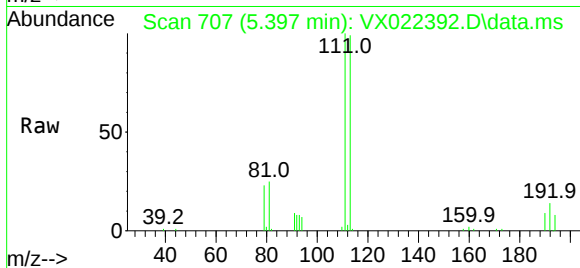
Tgt Ion:113 Resp: 38608

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.14 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

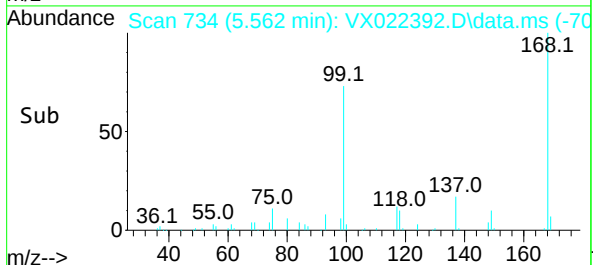
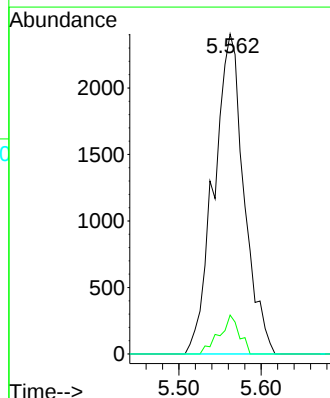
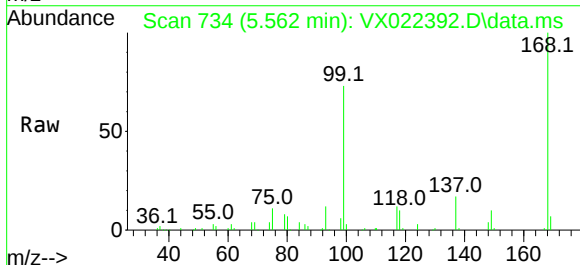
Tgt Ion: 75 Resp: 6143

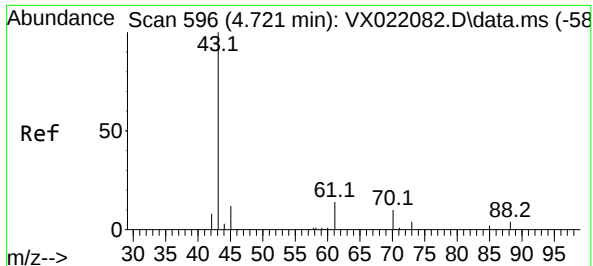
Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.23 ug/l

RT: 4.727 min Scan# 597

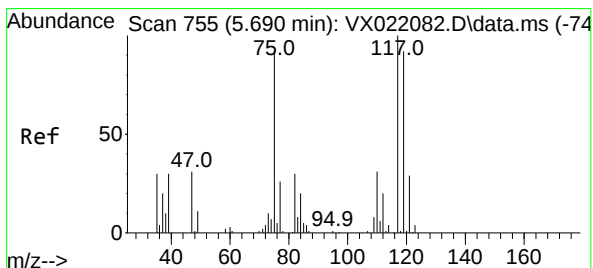
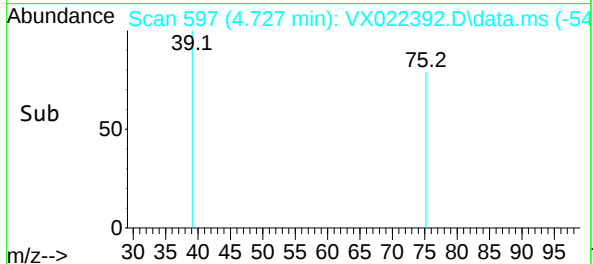
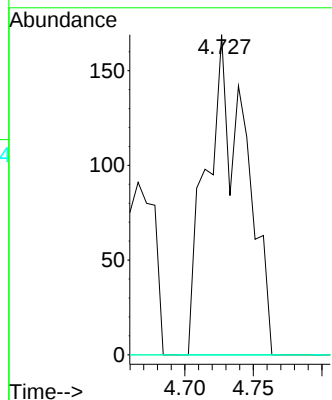
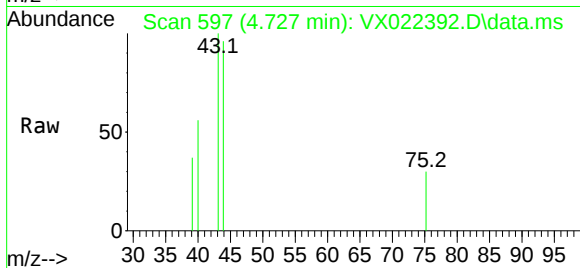
Delta R.T. 0.006 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion:	43	Resp:	335
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.92 ug/l

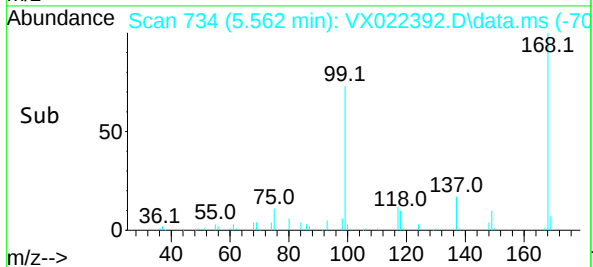
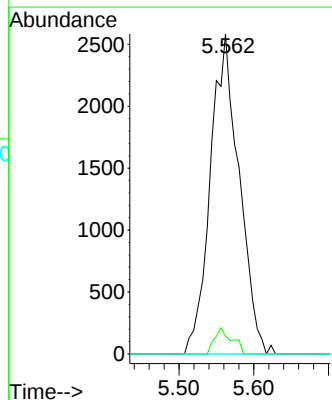
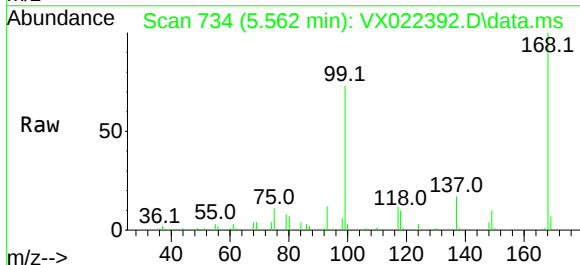
RT: 5.562 min Scan# 734

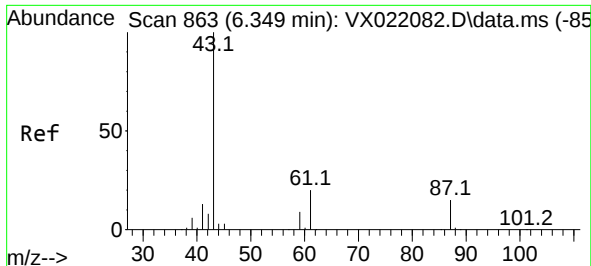
Delta R.T. -0.128 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

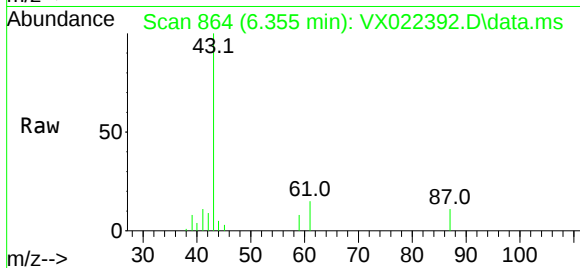
Tgt Ion:	117	Resp:	6926
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#



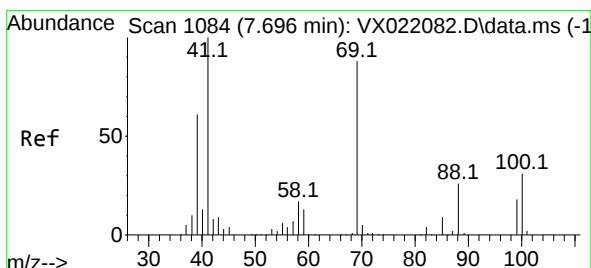
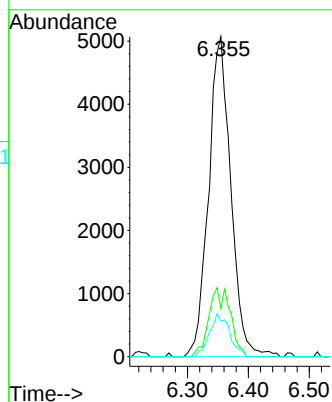
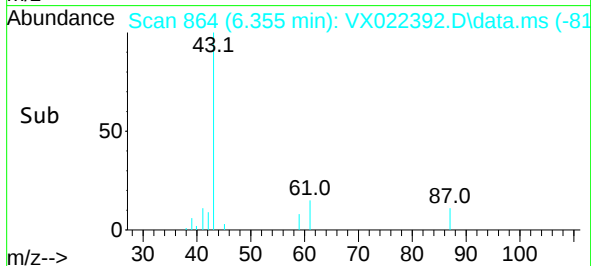


#43
Isopropyl Acetate
Concen: 5.37 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

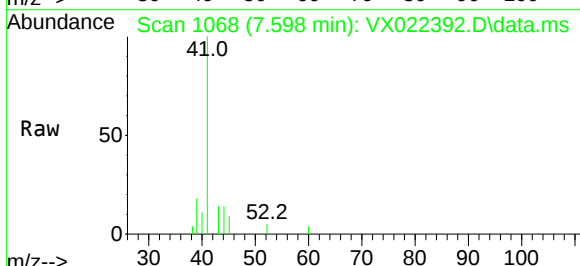
Instrument :
MSVOA_X
ClientSampled :



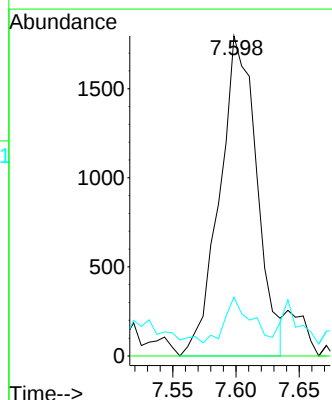
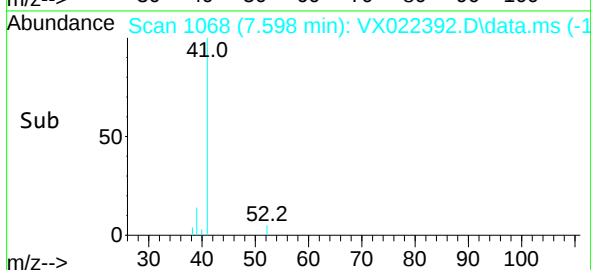
Tgt Ion: 43 Resp: 12875
Ion Ratio Lower Upper
43 100
61 20.9 18.2 27.4
87 12.0 12.5 18.7#

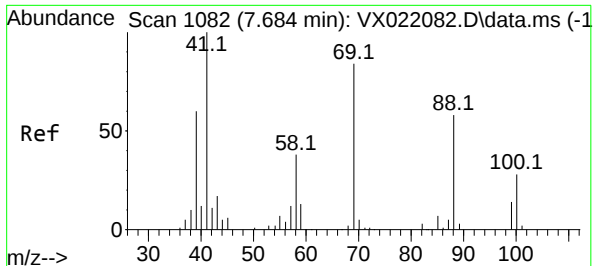


#48
Methyl methacrylate
Concen: 3.32 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48



Tgt Ion: 41 Resp: 3673
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 3.58 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.122 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion: 88 Resp: 77

Ion Ratio Lower Upper

88 100

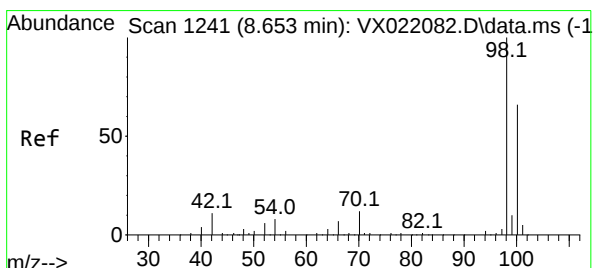
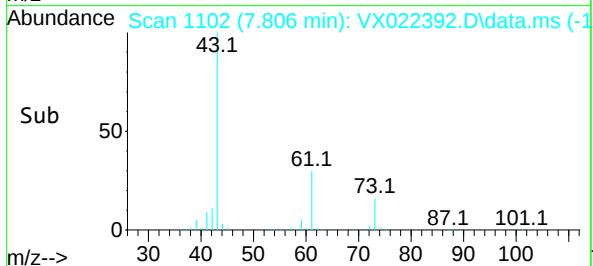
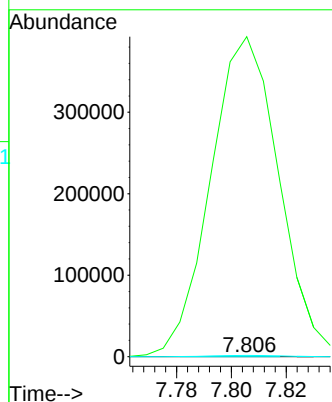
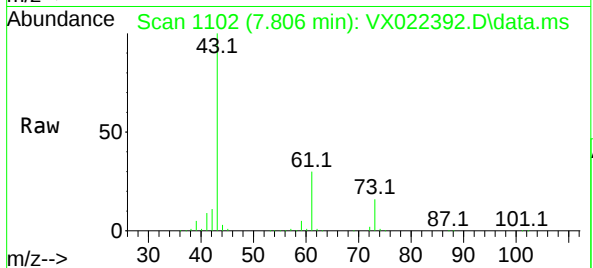
43 898000.0 23.2 34.8#

58 3596.1 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 51.07 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX022392.D

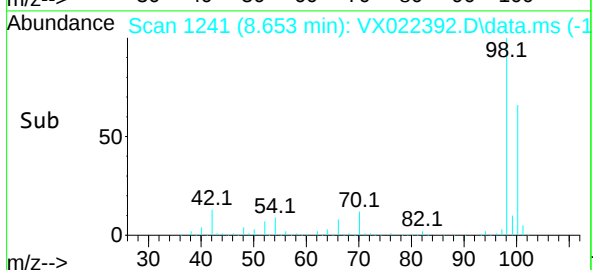
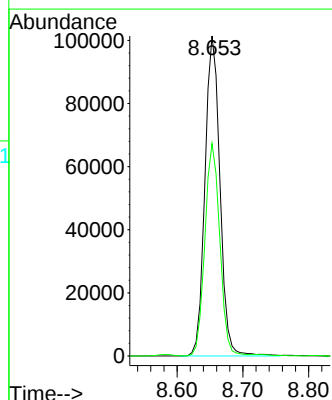
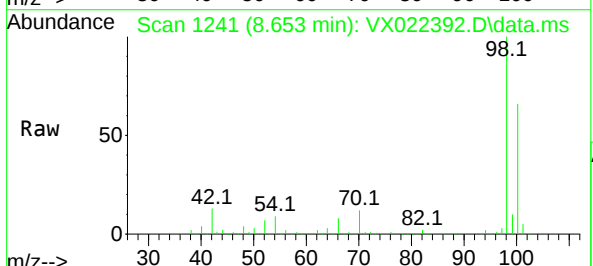
Acq: 04 Jun 2021 01:48

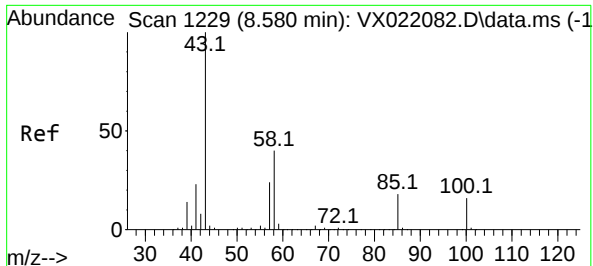
Tgt Ion: 98 Resp: 161314

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9

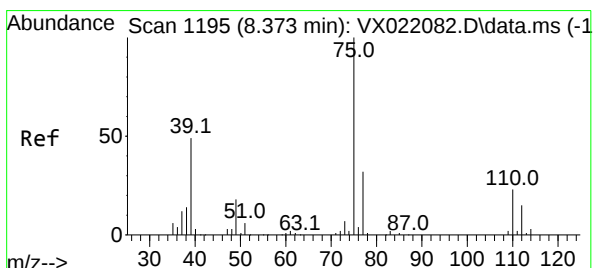
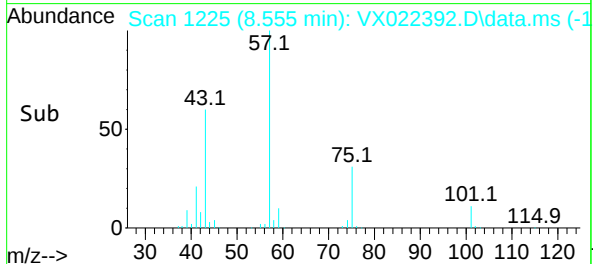
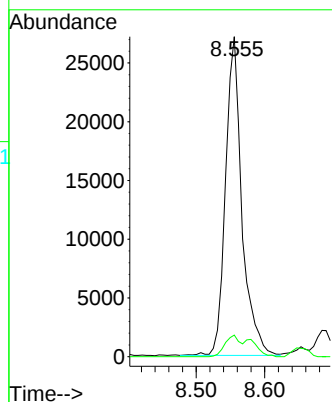
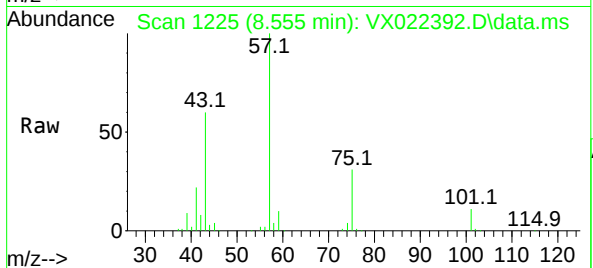




#51
4-Methyl-2-Pentanone
Concen: 31.36 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

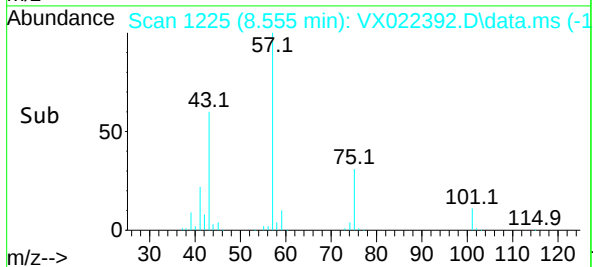
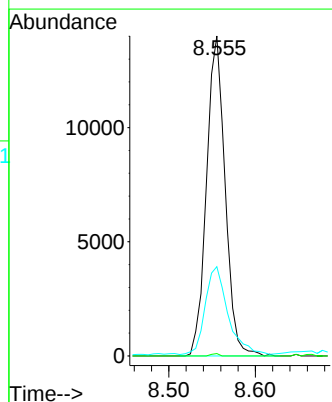
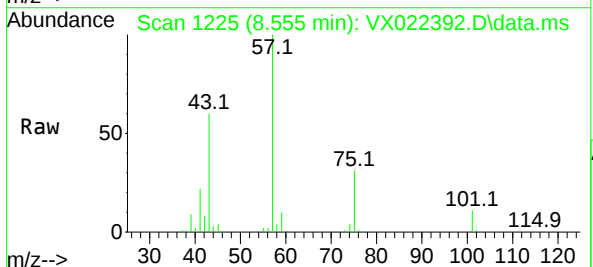
Instrument :
MSVOA_X
ClientSampled :

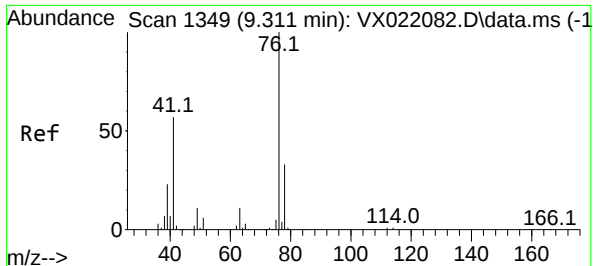
Tgt Ion: 43 Resp: 45030
Ion Ratio Lower Upper
43 100
58 6.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.24 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 75 Resp: 20925
Ion Ratio Lower Upper
75 100
77 0.8 25.7 38.5#
39 27.4 35.1 52.7#

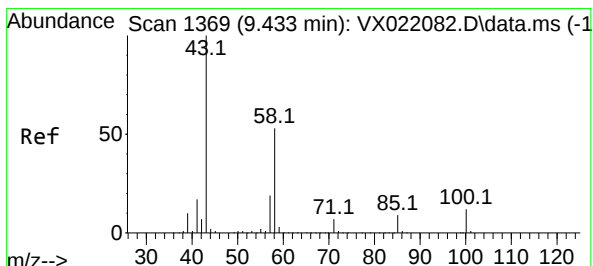
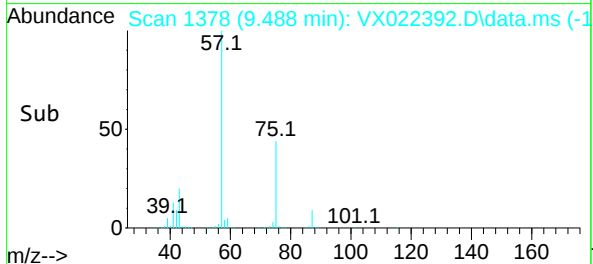
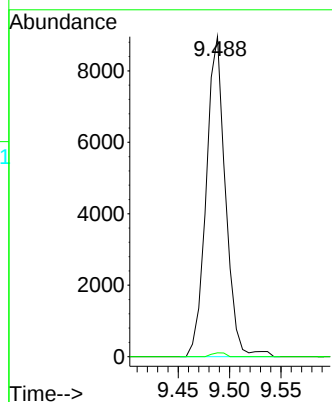
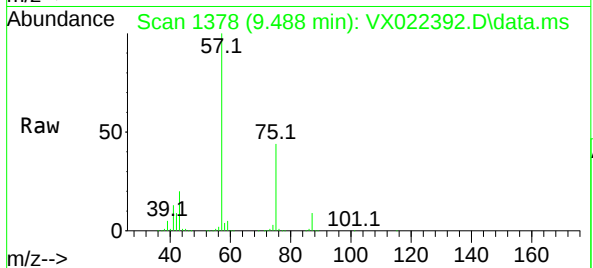




#57
1,3-Dichloropropane
Concen: 7.22 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

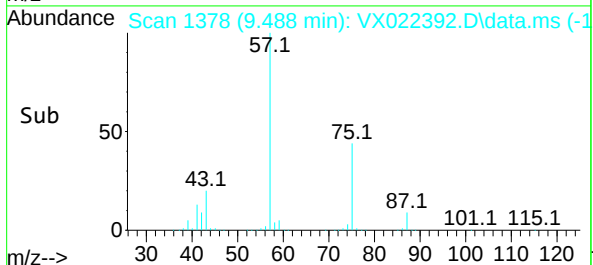
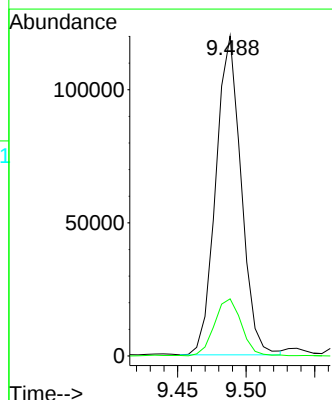
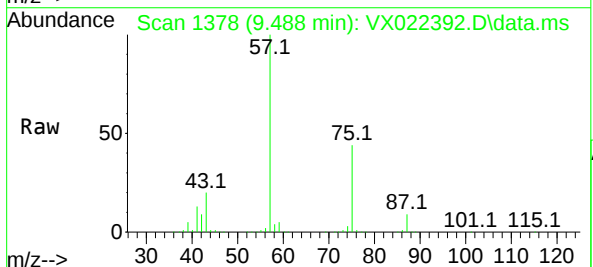
Instrument :
MSVOA_X
ClientSampled :

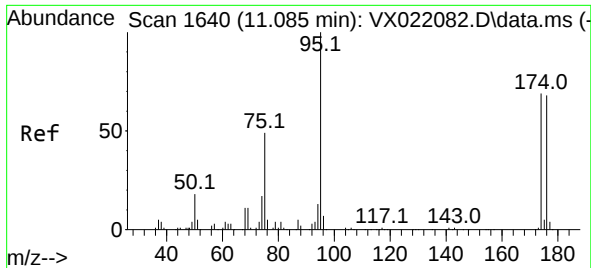
Tgt Ion: 76 Resp: 11663
Ion Ratio Lower Upper
76 100
78 0.9 26.2 39.2#



#59
2-Hexanone
Concen: 142.22 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 43 Resp: 153600
Ion Ratio Lower Upper
43 100
58 19.4 30.9 92.8#

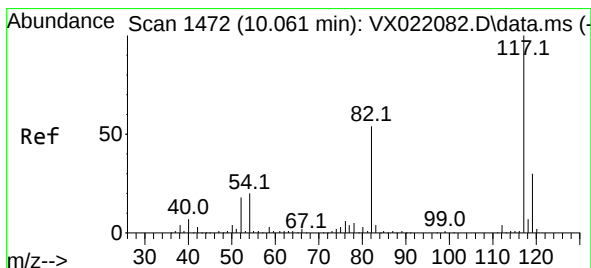
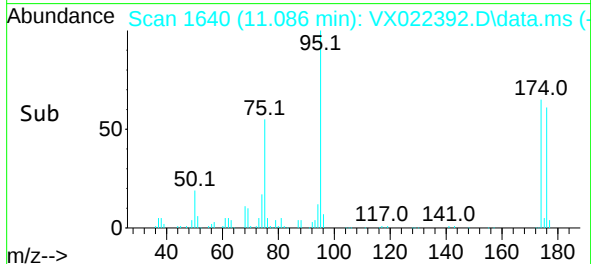
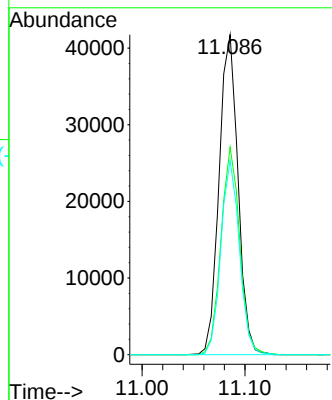
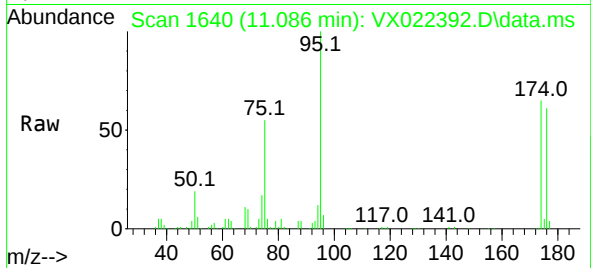




#62
4-Bromofluorobenzene
Concen: 45.64 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

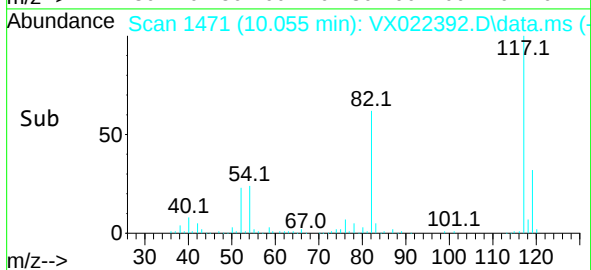
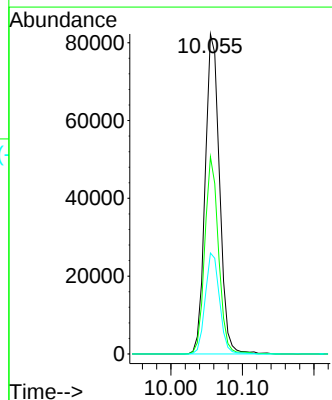
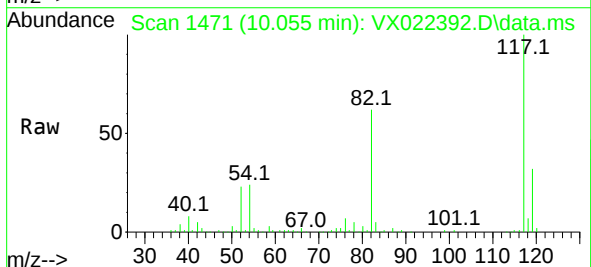
Instrument :
MSVOA_X
ClientSampled :

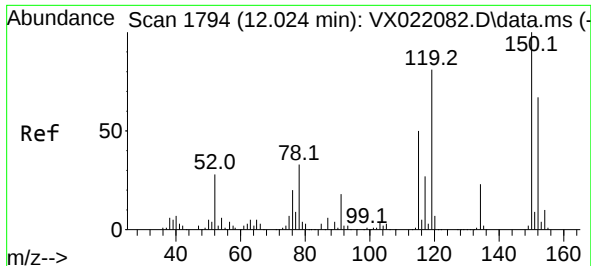
Tgt Ion: 95 Resp: 53282
Ion Ratio Lower Upper
95 100
174 64.4 0.0 154.6
176 59.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022392.D
Acq: 04 Jun 2021 01:48

Tgt Ion: 117 Resp: 114848
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.5 26.6 39.8

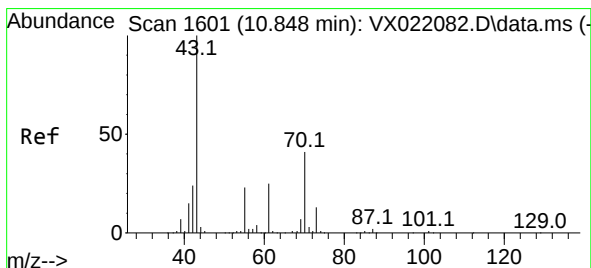
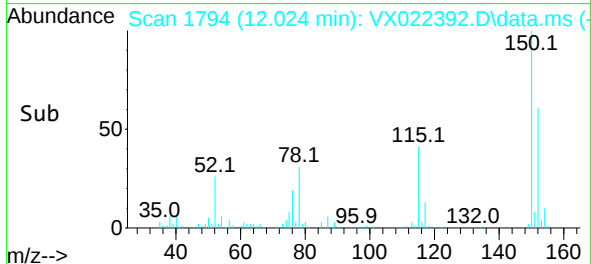
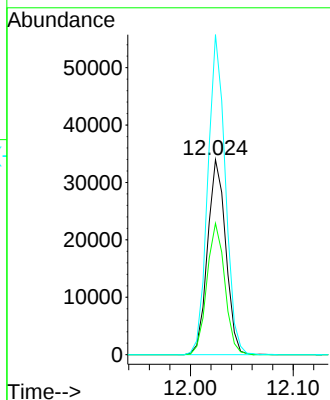
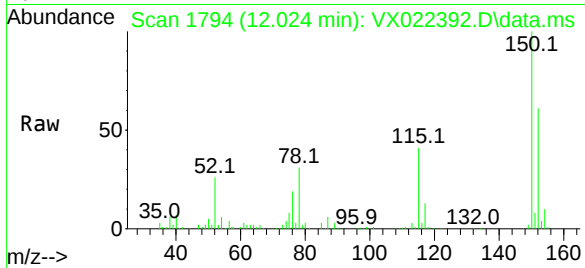




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022392.D
 Acq: 04 Jun 2021 01:48

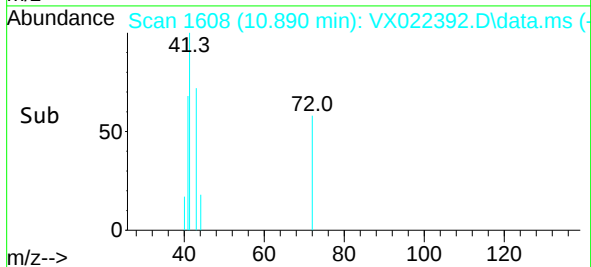
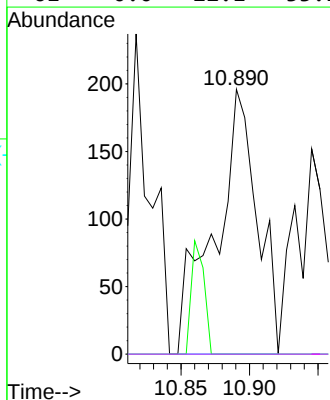
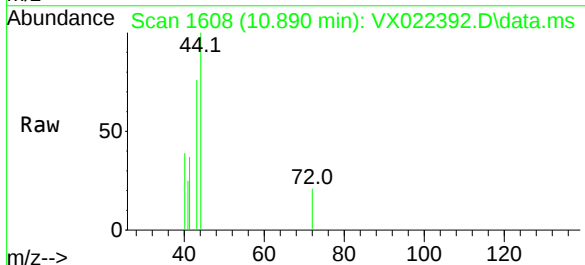
Instrument :
 MSVOA_X
 ClientSampled :

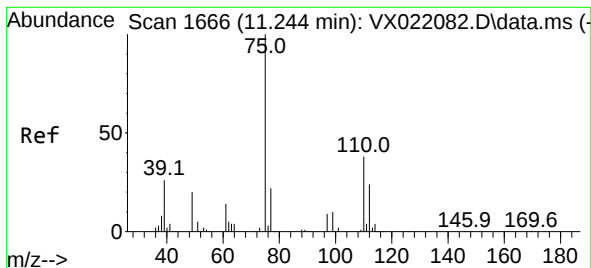
Tgt Ion:152 Resp: 41837
 Ion Ratio Lower Upper
 152 100
 115 66.3 41.1 123.3
 150 158.0 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.25 ug/l
 RT: 10.890 min Scan# 1608
 Delta R.T. 0.042 min
 Lab File: VX022392.D
 Acq: 04 Jun 2021 01:48

Tgt Ion: 43 Resp: 422
 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: 28.26 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion: 75 Resp: 29163

Ion Ratio Lower Upper

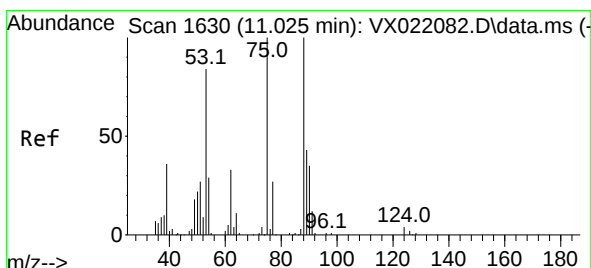
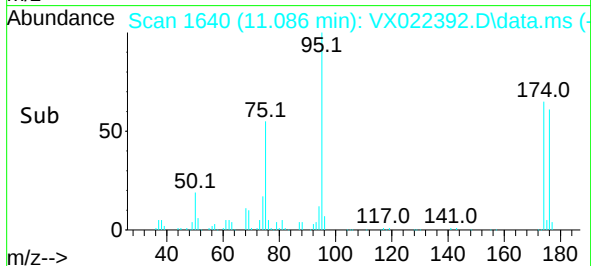
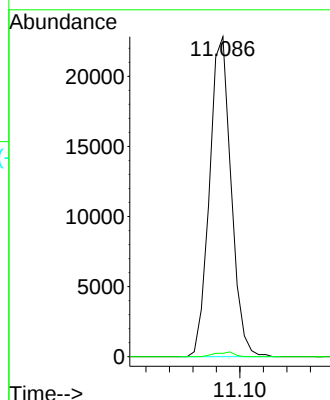
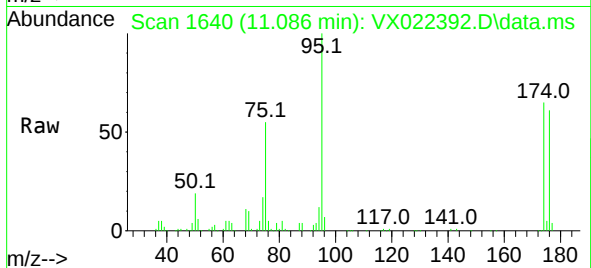
75 100

77 1.3 19.1 57.5#

Instrument :

MSVOA_X

ClientSampled :



#81

trans-1,4-Dichloro-2-butene

Concen: 66.95 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022392.D

Acq: 04 Jun 2021 01:48

Tgt Ion: 75 Resp: 29163

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

