

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022424.D
 Acq On : 04 Jun 2021 19:46
 Operator : JC/MD
 Sample : M2580-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 03:22:59 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)

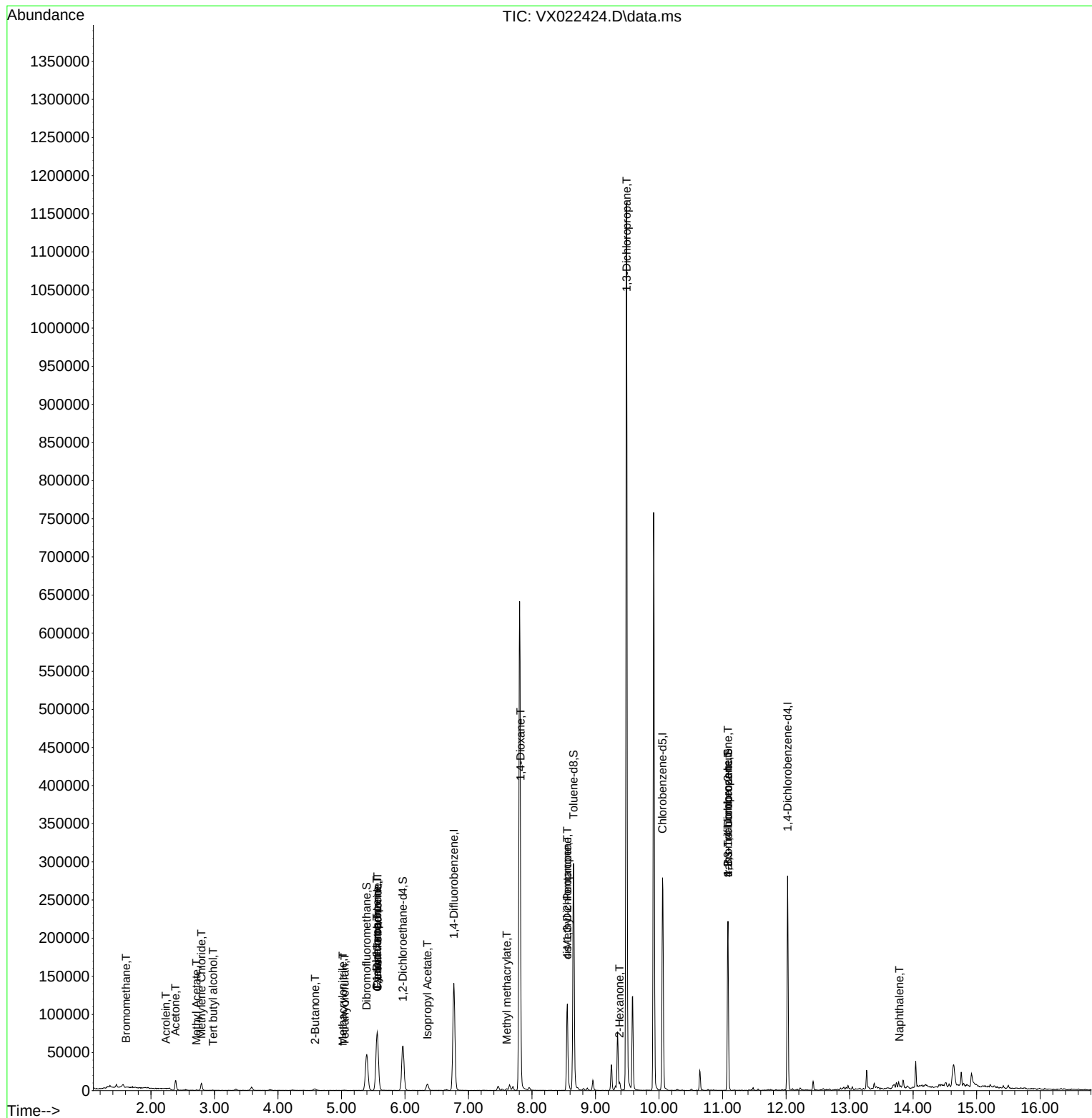
Internal Standards						
1) Pentafluorobenzene	5.562	168	66071	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55256	54.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.440%	
35) Dibromofluoromethane	5.397	113	41294	47.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.020%	
50) Toluene-d8	8.653	98	170420	50.360	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	11.085	95	60519	48.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	225	0.421	ug/l	# 72
11) Tert butyl alcohol	2.977	59	228	0.978	ug/l	# 73
13) Acrolein	2.233	56	182	1.177	ug/l	88
16) Acetone	2.386	43	12987	29.264	ug/l	99
18) Methyl Acetate	2.715	43	786	0.666	ug/l	# 58
20) Methylene Chloride	2.794	84	3823	3.880	ug/l	# 86
25) 2-Butanone	4.587	43	3364	4.686	ug/l	# 77
29) Tetrahydrofuran	5.050	42	364	0.852	ug/l	# 36
31) Cyclohexane	5.556	56	1946	1.519	ug/l	# 21
36) 1,1-Dichloropropene	5.556	75	6205	4.844	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	7618	6.079	ug/l	# 15
41) Methacrylonitrile	5.019	41	191	0.227	ug/l	# 37
43) Isopropyl Acetate	6.355	43	11760	4.579	ug/l	# 93
48) Methyl methacrylate	7.604	41	3624	3.062	ug/l	# 10
49) 1,4-Dioxane	7.818	88	27	1.172	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	40614	26.398	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	18110	10.691	ug/l	# 66
57) 1,3-Dichloropropane	9.488	76	10090	5.832	ug/l	# 42
59) 2-Hexanone	9.378	43	4810	4.157	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	31250	25.667	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	31250	60.815	ug/l	# 12
95) Naphthalene	13.786	128	1920	0.497	ug/l	# 93

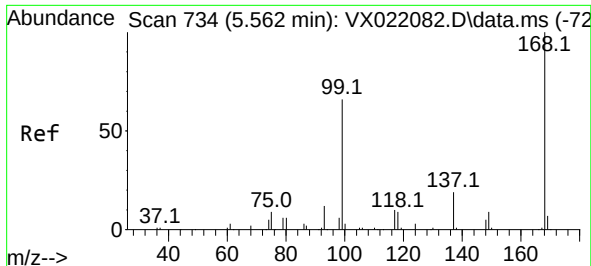
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

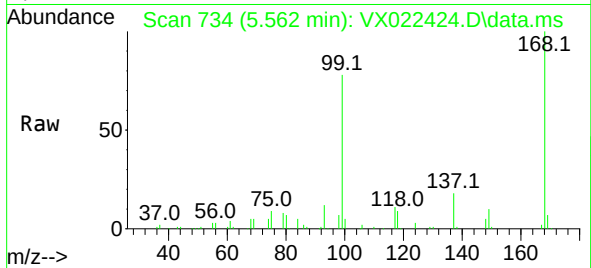
Quant Time: Jun 05 03:22:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



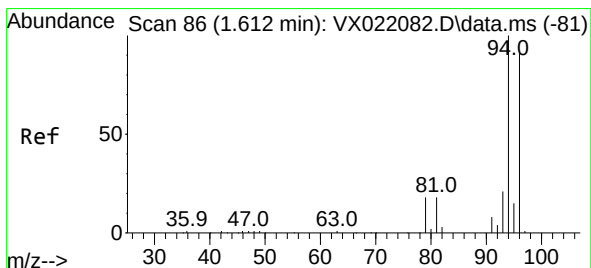
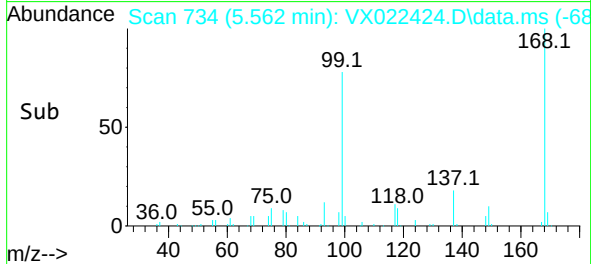
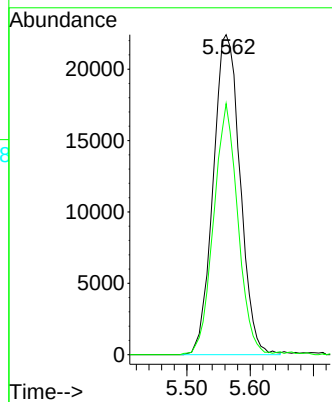


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampled :

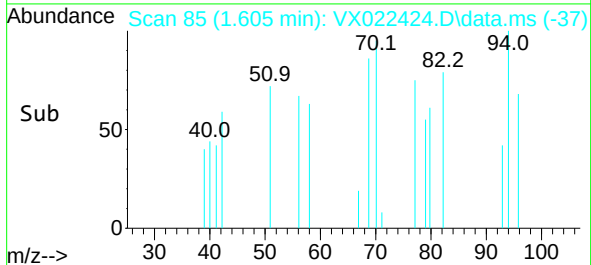
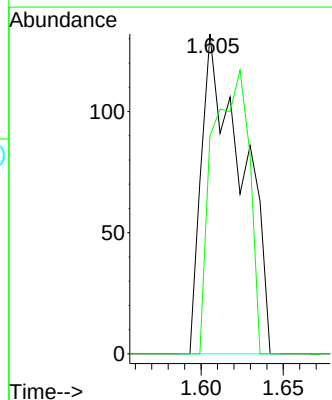
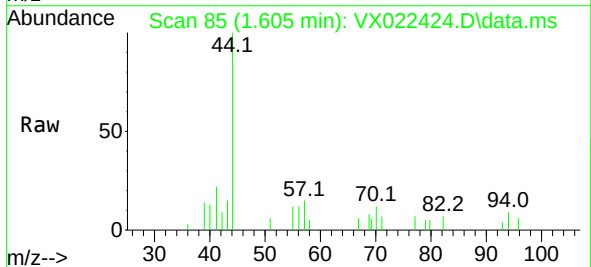


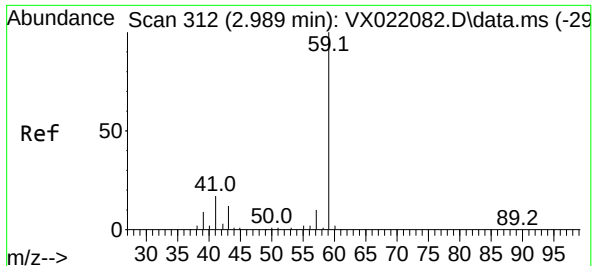
Tgt Ion:168 Resp: 66071
Ion Ratio Lower Upper
168 100
99 78.4 45.8 68.6#



#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 68.2 76.4 114.6#



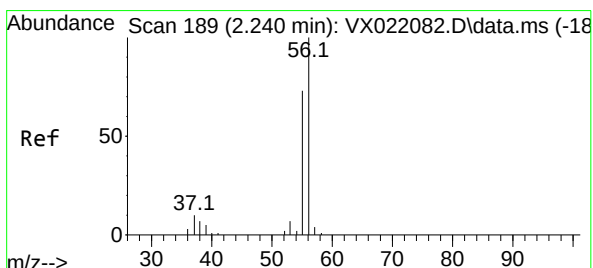
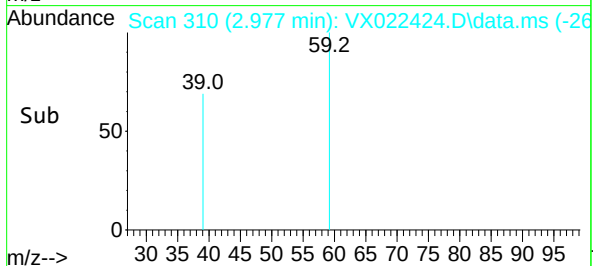
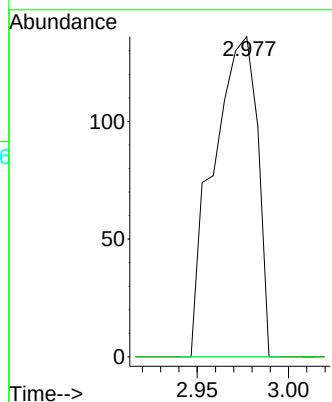
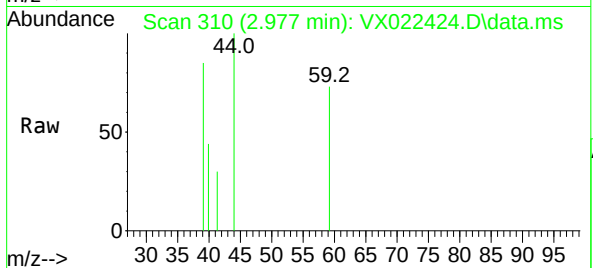


#11

Tert butyl alcohol
Concen: 0.978 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampled :

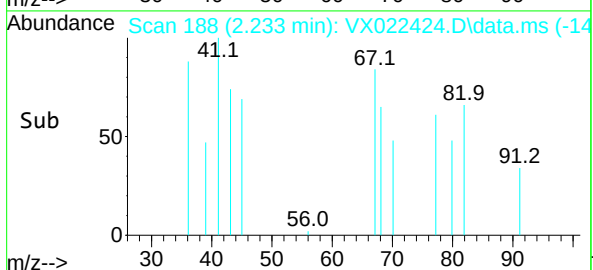
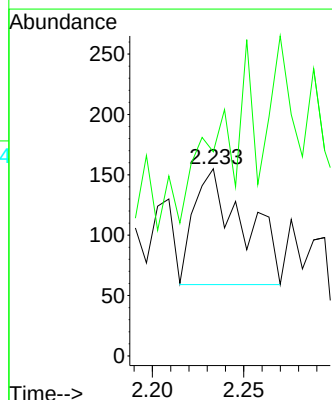
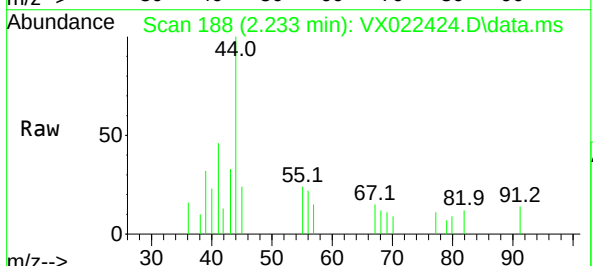
Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

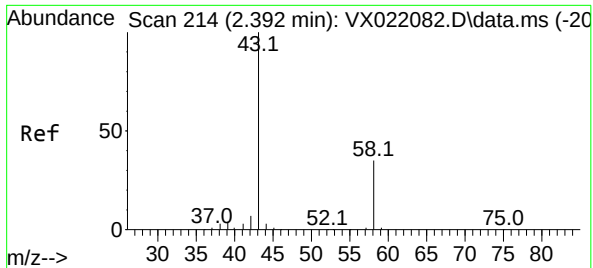


#13

Acrolein
Concen: 1.177 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 61.0 56.4 84.6

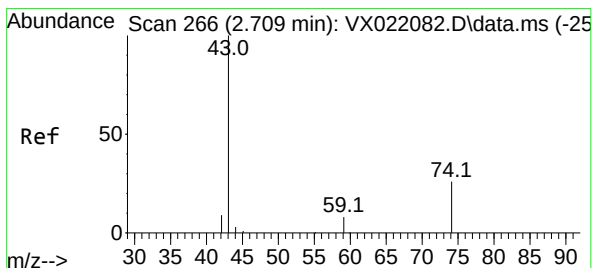
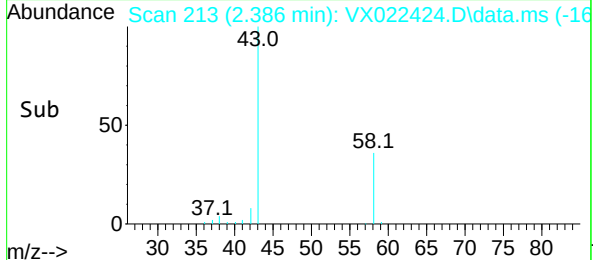
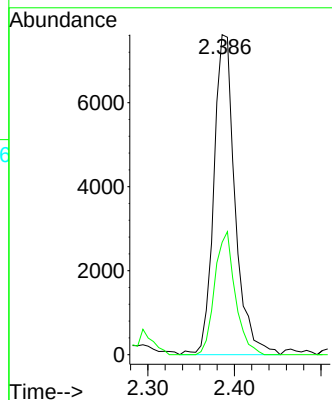
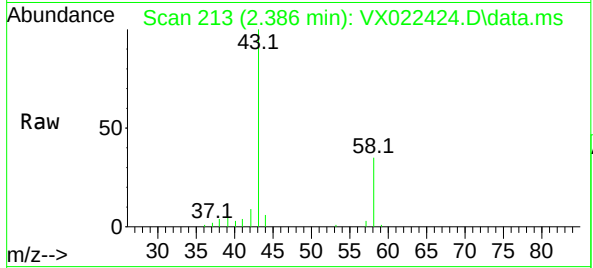




#16
Acetone
Concen: 29.264 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

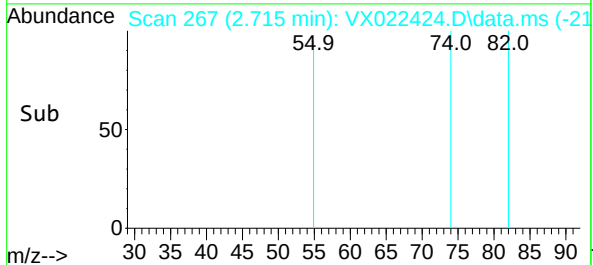
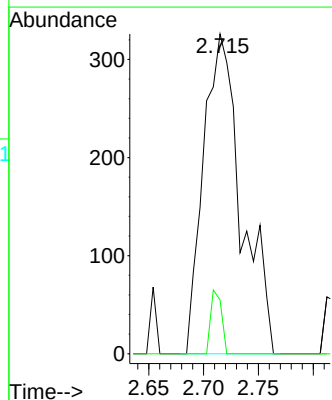
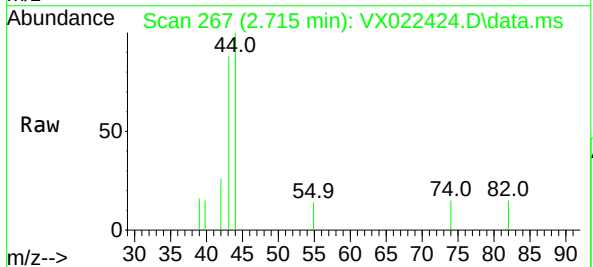
Instrument :
MSVOA_X
ClientSampled :

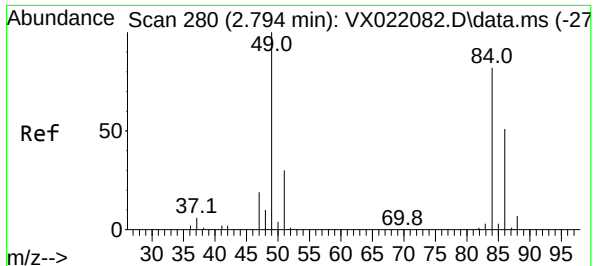
Tgt Ion: 43 Resp: 12987
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.666 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

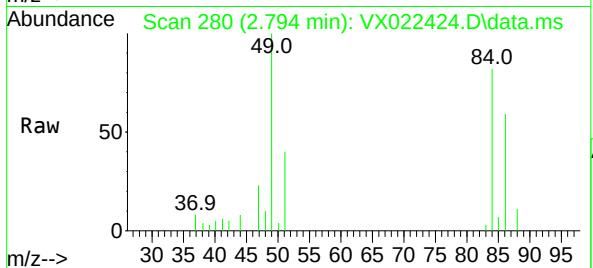
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
74 5.6 21.9 32.9#



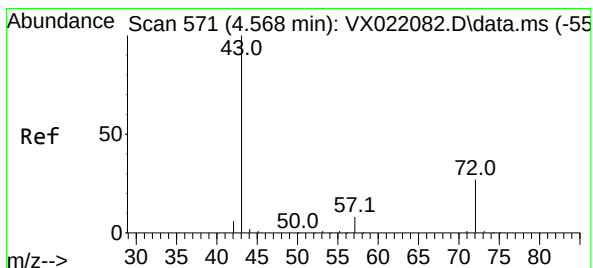
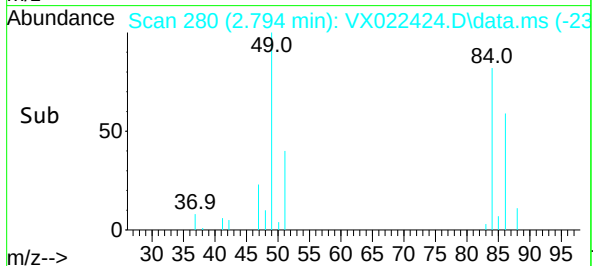
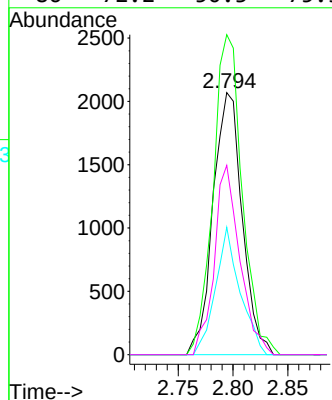


#20
Methylene Chloride
Concen: 3.880 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampled :

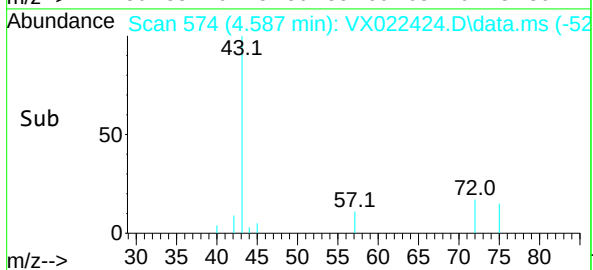
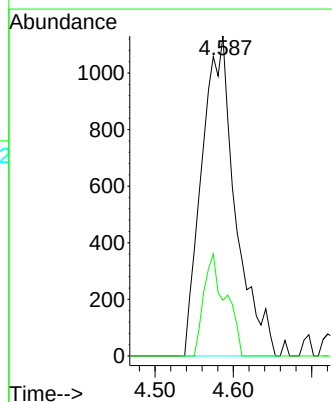
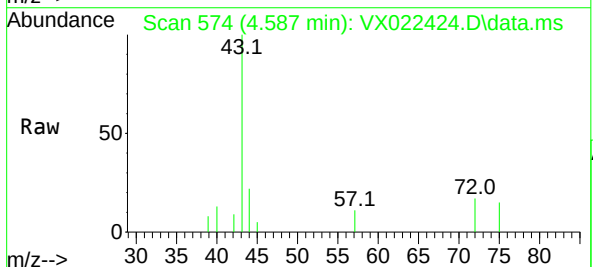


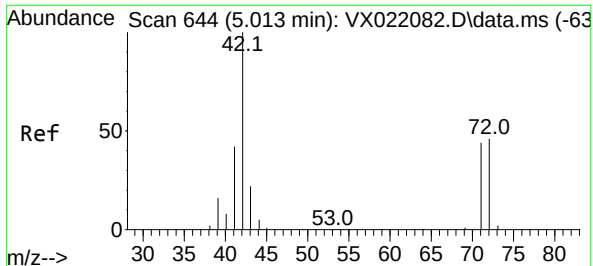
Tgt Ion:	84	Resp:	3823
Ion	Ratio	Lower	Upper
84	100		
49	122.1	88.6	132.8
51	48.6	27.0	40.6#
86	72.2	50.3	75.5



#25
2-Butanone
Concen: 4.686 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion:	43	Resp:	3364
Ion	Ratio	Lower	Upper
43	100		
72	17.4	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.852 ug/l

RT: 5.050 min Scan# 650

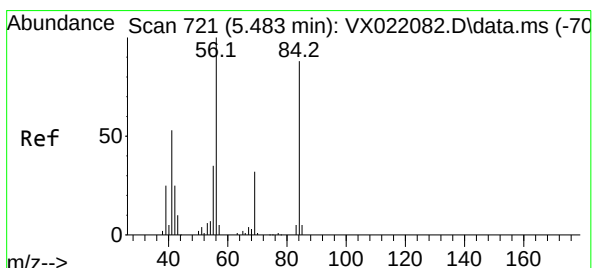
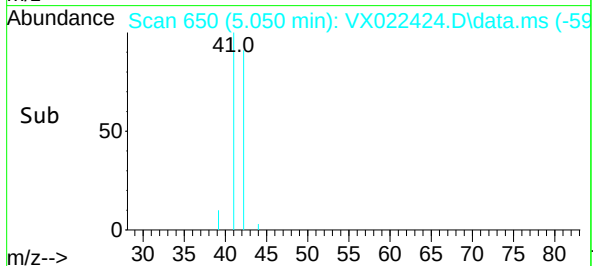
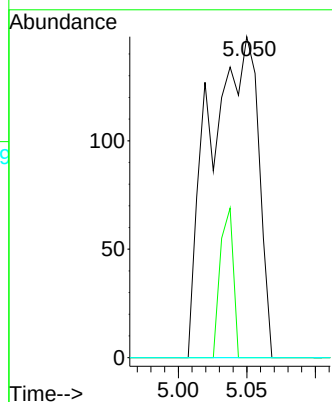
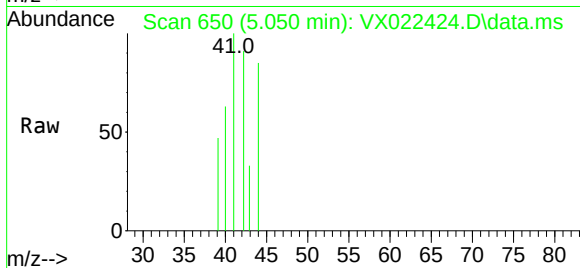
Delta R.T. 0.037 min

Lab File: VX022424.D

Acq: 04 Jun 2021 19:46

Tgt Ion:	42	Resp:	364
Ion	Ratio	Lower	Upper
42	100		
72	12.4	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.519 ug/l

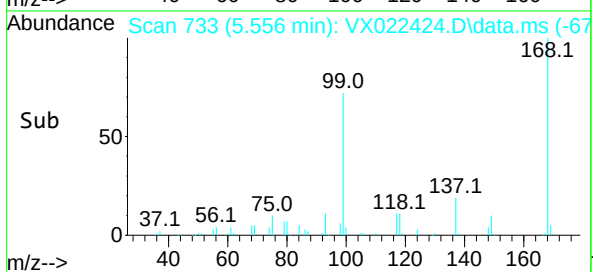
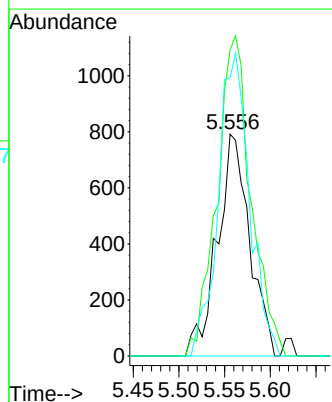
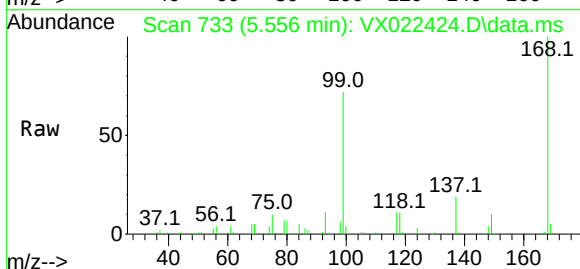
RT: 5.556 min Scan# 733

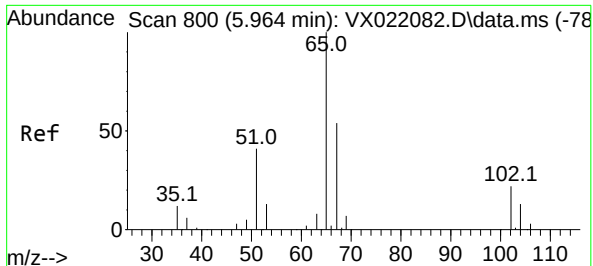
Delta R.T. 0.073 min

Lab File: VX022424.D

Acq: 04 Jun 2021 19:46

Tgt Ion:	56	Resp:	1946
Ion	Ratio	Lower	Upper
56	100		
69	138.0	25.3	37.9#
84	125.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.216 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022424.D

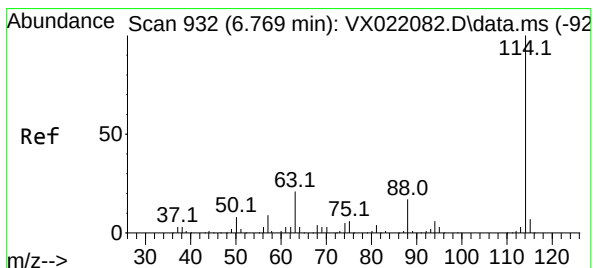
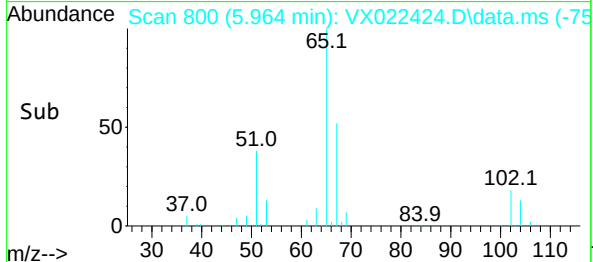
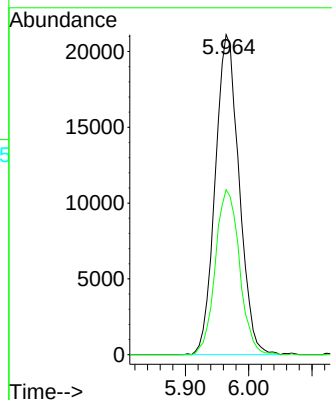
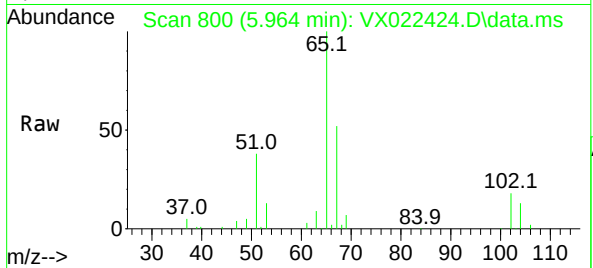
Acq: 04 Jun 2021 19:46

Tgt Ion: 65 Resp: 55256

Ion Ratio Lower Upper

65 100

67 52.3 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: VX022424.D

Acq: 04 Jun 2021 19:46

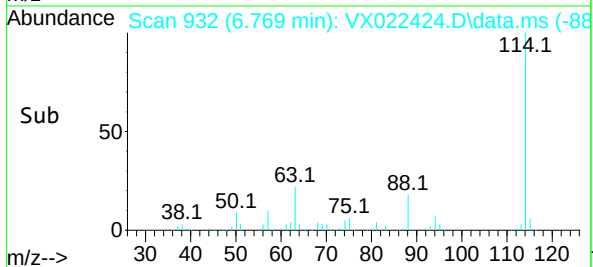
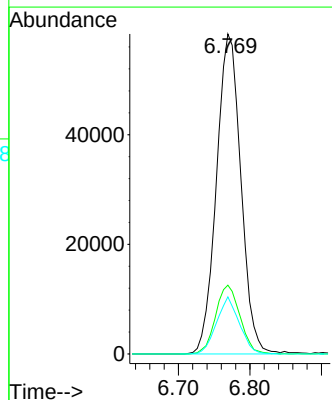
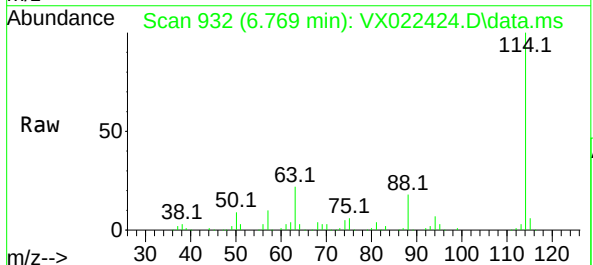
Tgt Ion: 114 Resp: 138530

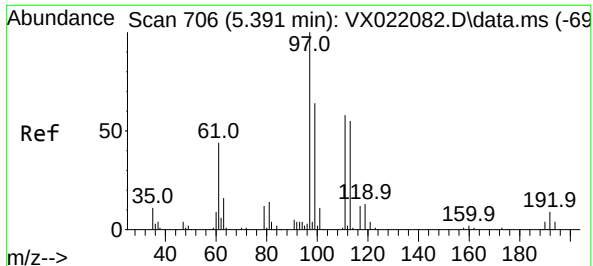
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.006 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022424.D

Acq: 04 Jun 2021 19:46

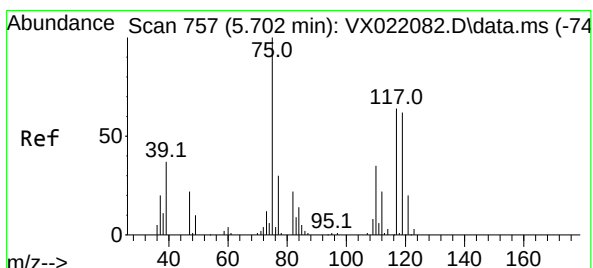
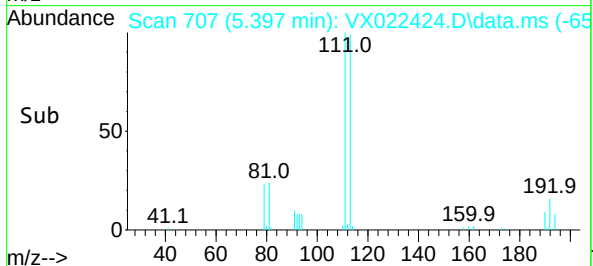
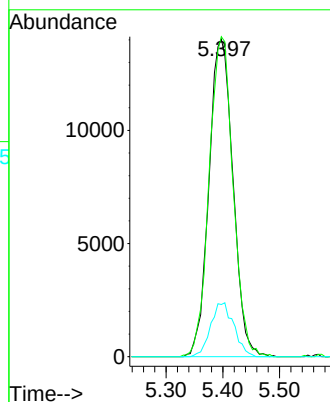
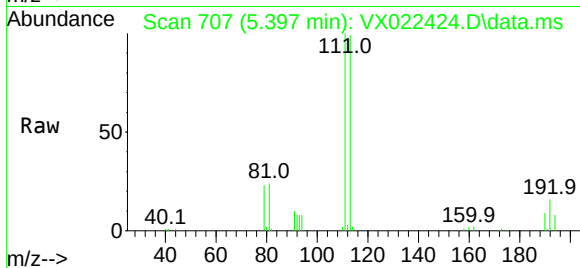
Tgt Ion:113 Resp: 41294

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

192 16.4 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022424.D

Acq: 04 Jun 2021 19:46

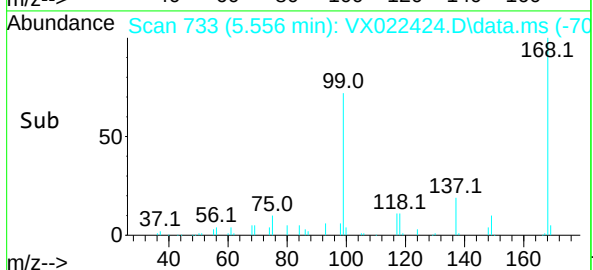
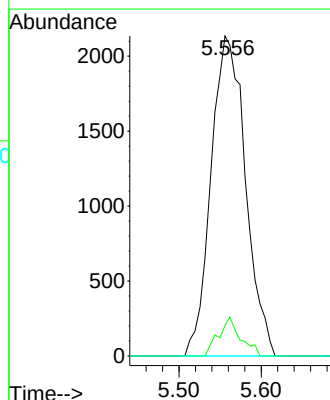
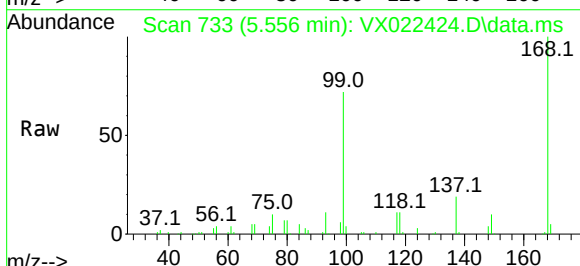
Tgt Ion: 75 Resp: 6205

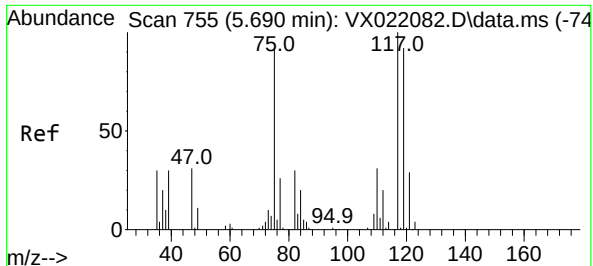
Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

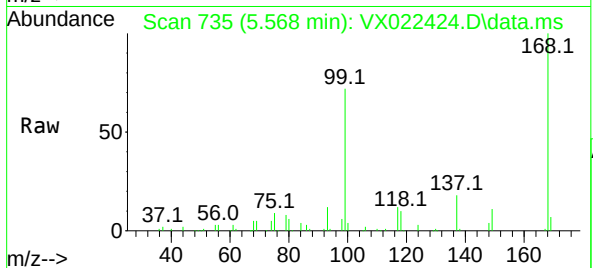
77 0.0 25.3 37.9#



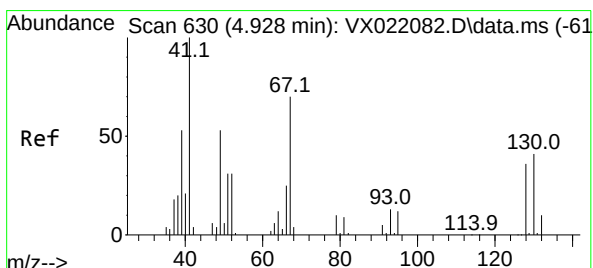
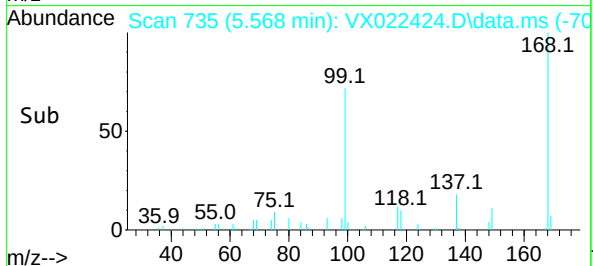
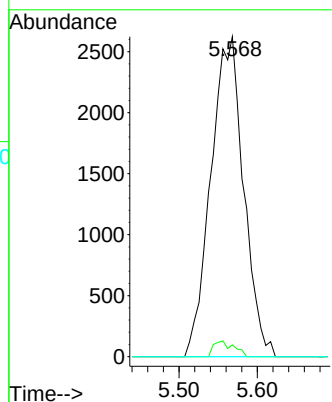


#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampled :

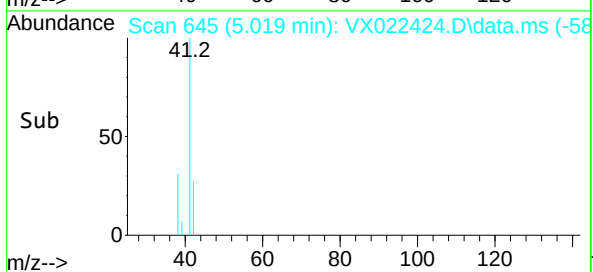
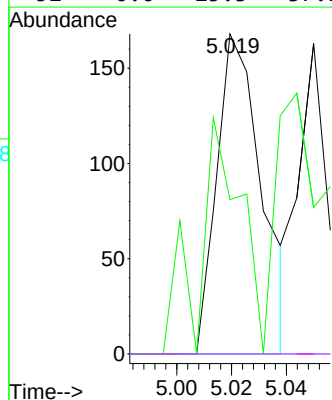
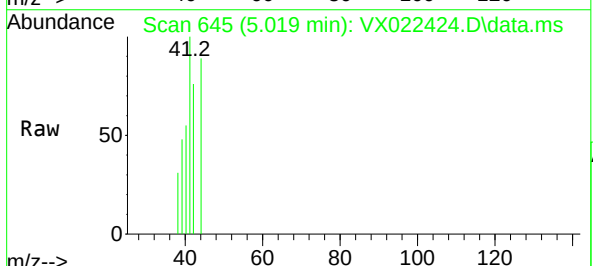


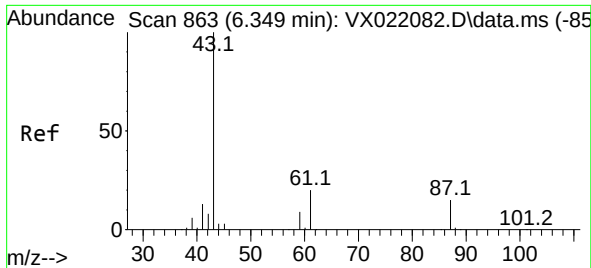
Tgt Ion:117 Resp: 7618
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 41 Resp: 191
Ion Ratio Lower Upper
41 100
39 68.6 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

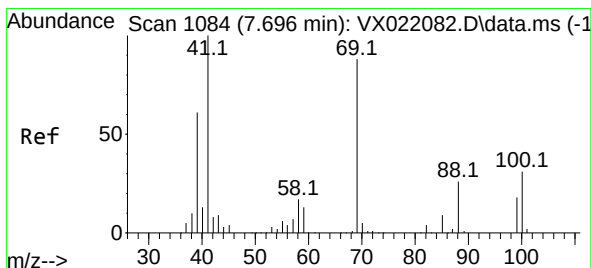
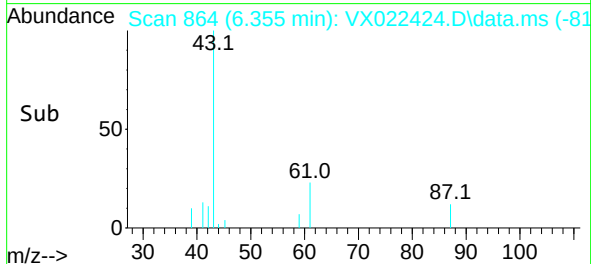
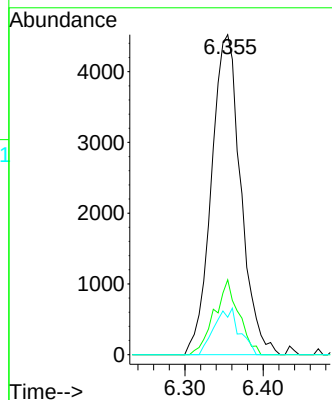
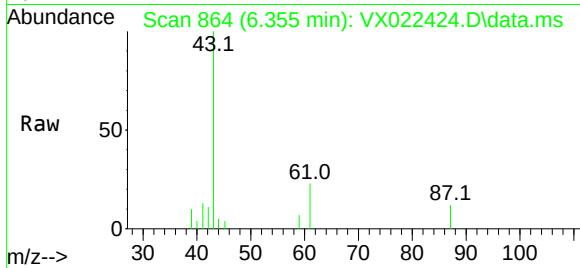




#43
Isopropyl Acetate
Concen: 4.579 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

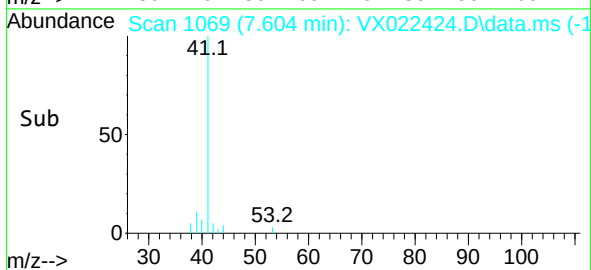
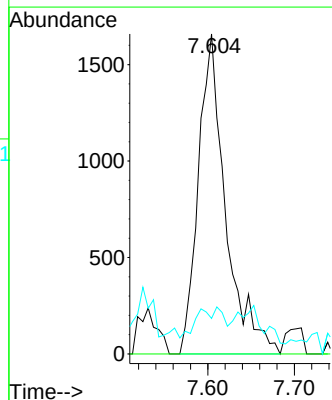
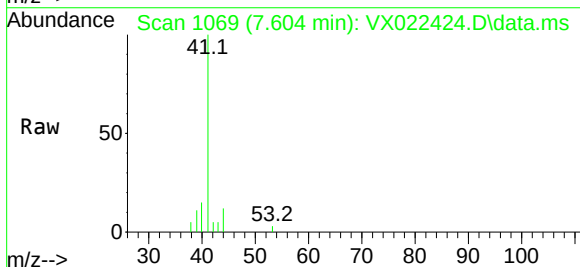
Instrument :
MSVOA_X
ClientSampled :

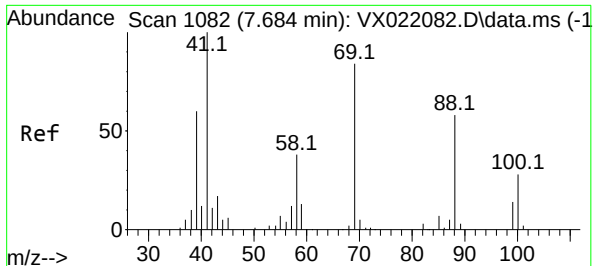
Tgt Ion: 43 Resp: 11760
Ion Ratio Lower Upper
43 100
61 19.7 18.2 27.4
87 12.4 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.062 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 41 Resp: 3624
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: 1.172 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.134 min

Lab File: VX022424.D

Acq: 04 Jun 2021 19:46

Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

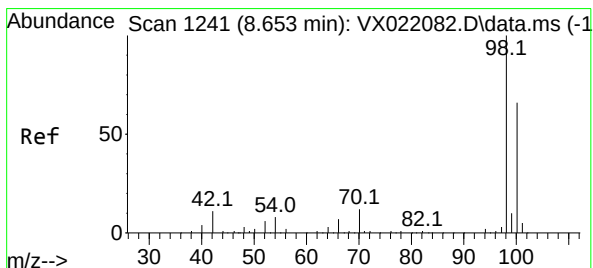
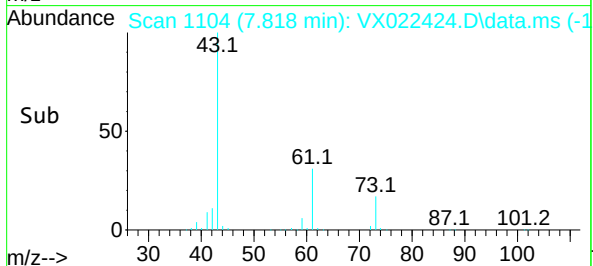
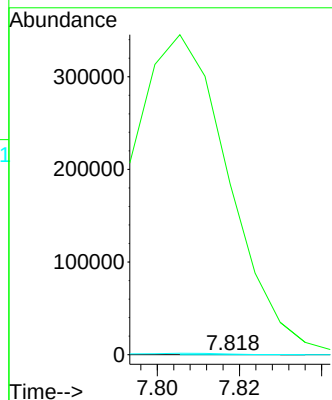
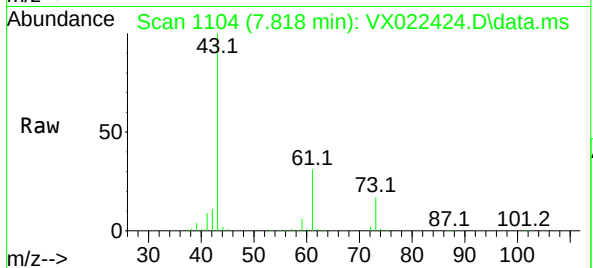
43 2235170.4 23.2 34.8#

58 9003.7 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 50.360 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022424.D

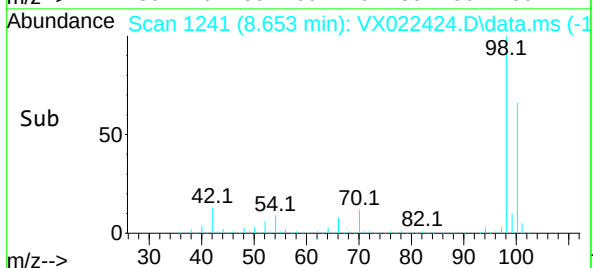
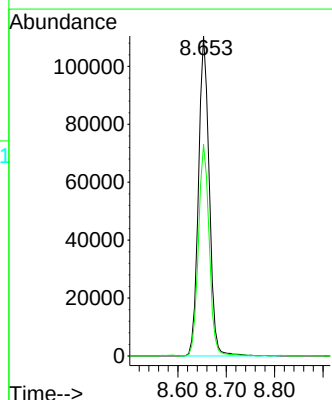
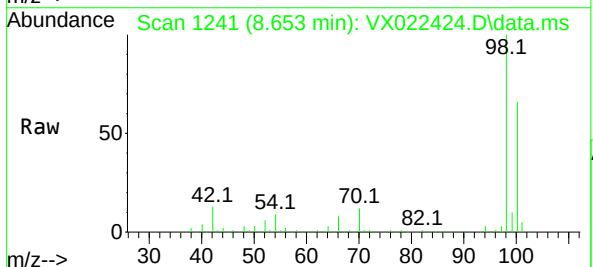
Acq: 04 Jun 2021 19:46

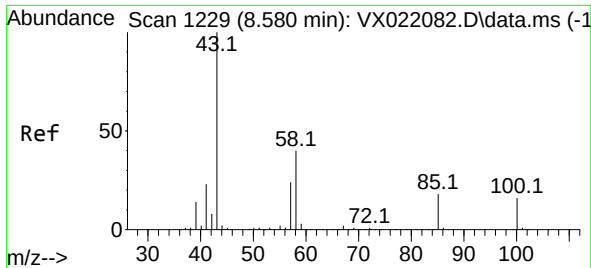
Tgt Ion: 98 Resp: 170420

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9

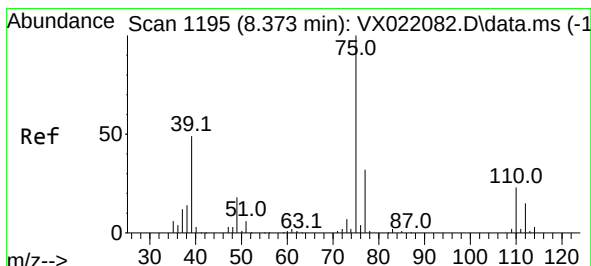
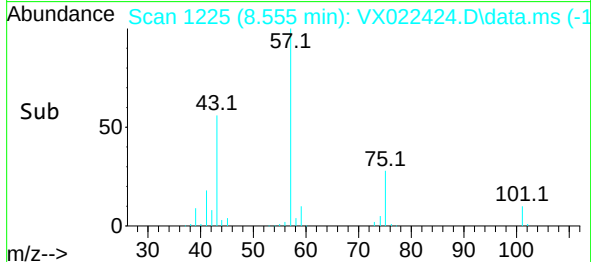
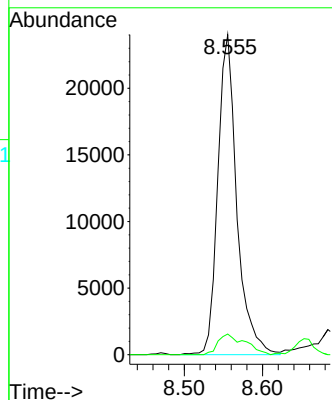
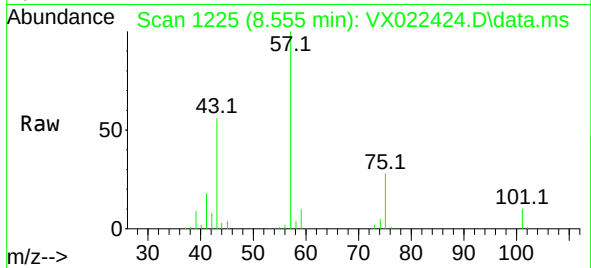




#51
4-Methyl-2-Pentanone
Concen: 26.398 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

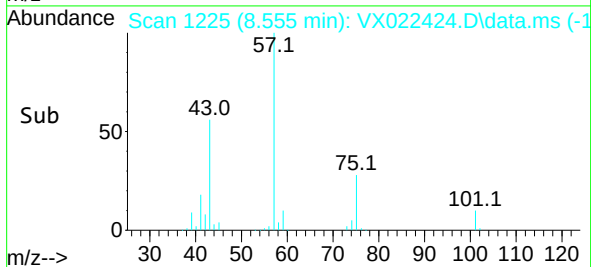
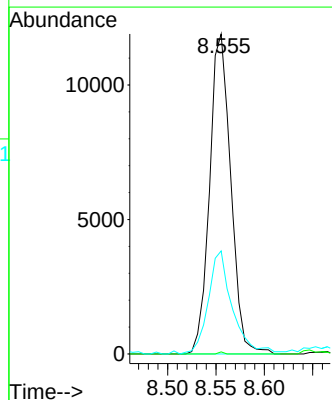
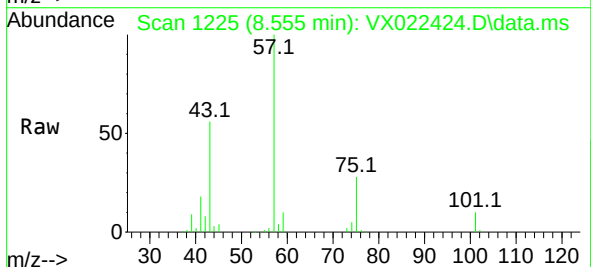
Instrument :
MSVOA_X
ClientSampled :

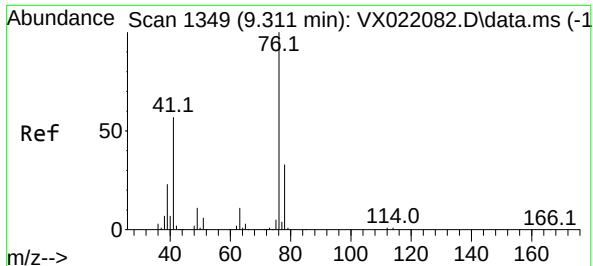
Tgt Ion: 43 Resp: 40614
Ion Ratio Lower Upper
43 100
58 9.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.691 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 75 Resp: 18110
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 32.2 35.1 52.7#



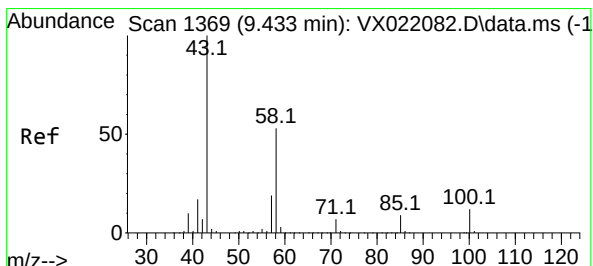
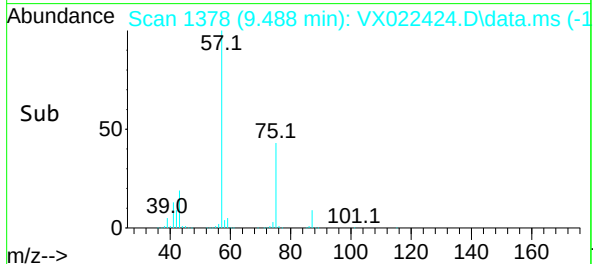
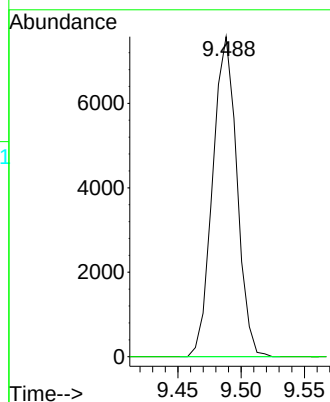
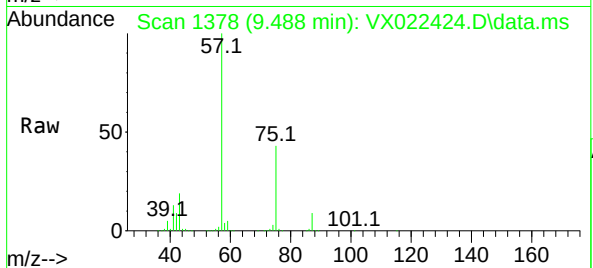


#57

1,3-Dichloropropane
Concen: 5.832 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampled :

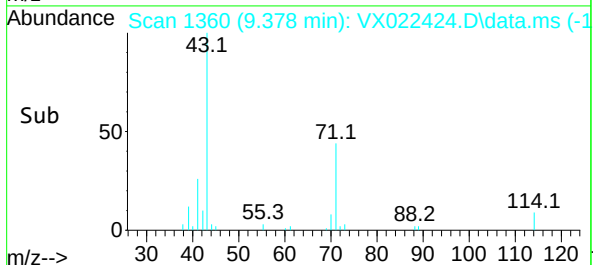
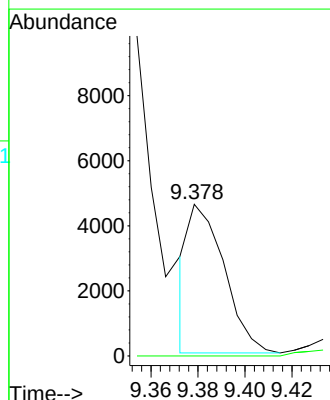
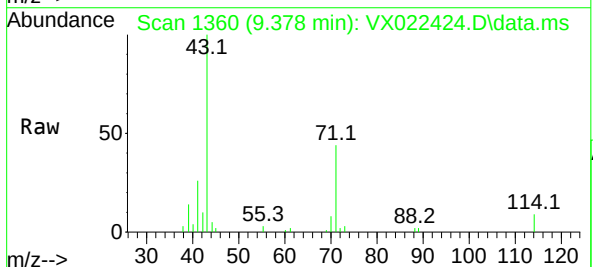
Tgt Ion: 76 Resp: 10090
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

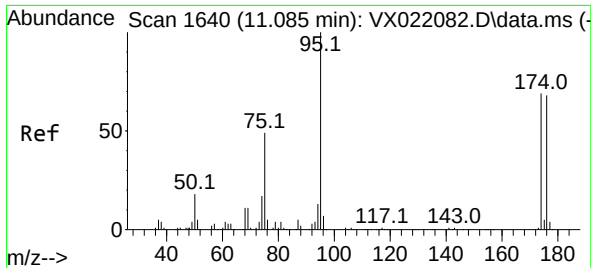


#59

2-Hexanone
Concen: 4.157 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

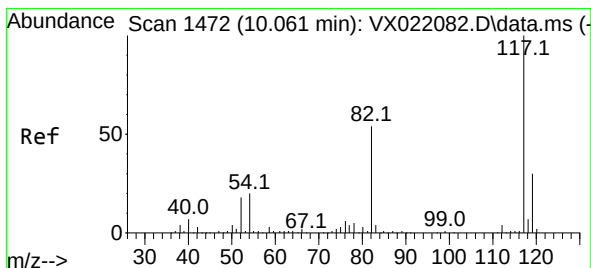
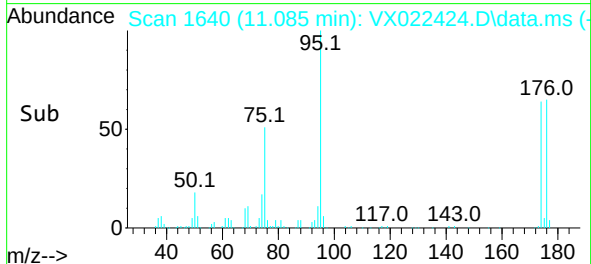
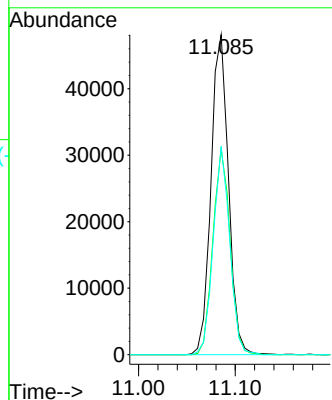
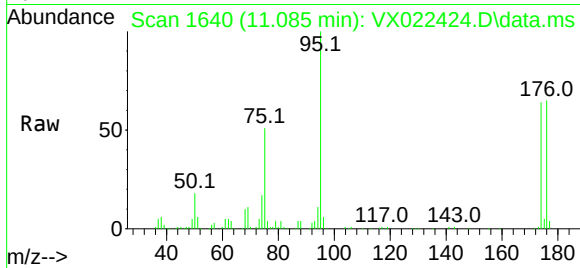




#62
4-Bromofluorobenzene
Concen: 48.384 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

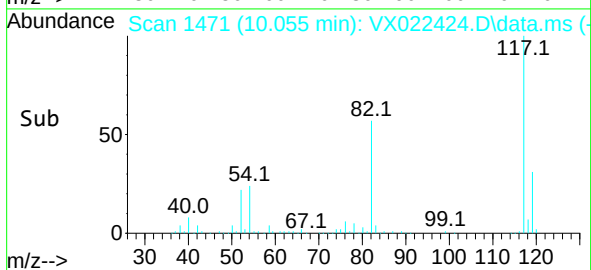
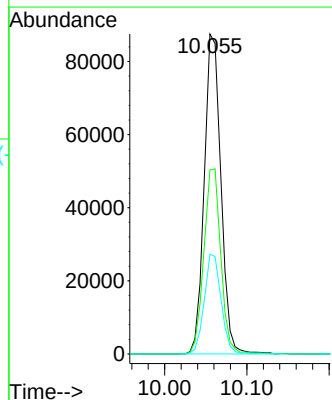
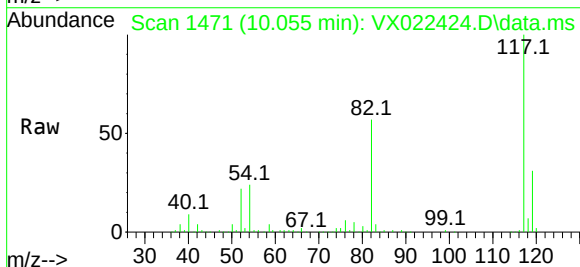
Instrument :
MSVOA_X
ClientSampled :

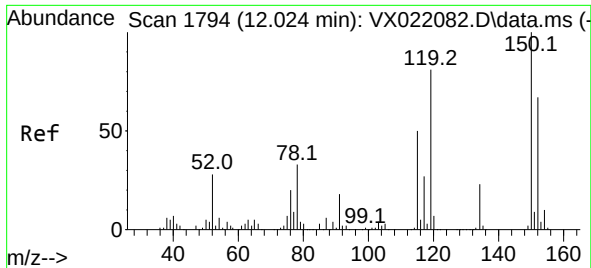
Tgt Ion: 95 Resp: 60519
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 117 Resp: 123497
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.2 26.6 39.8

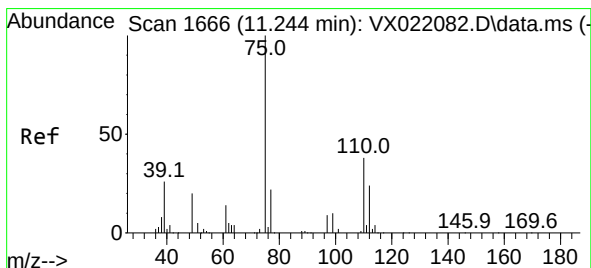
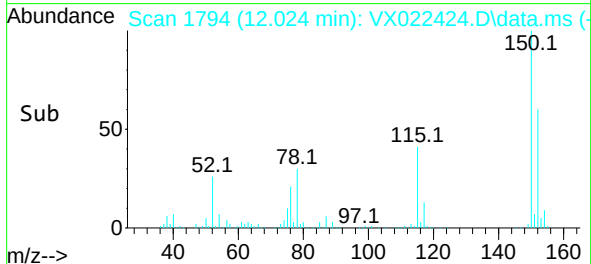
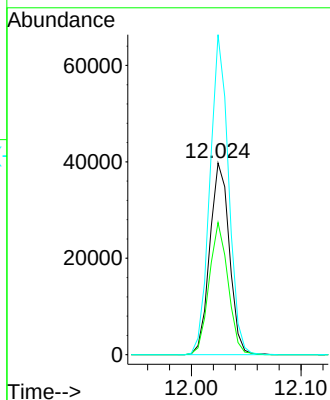
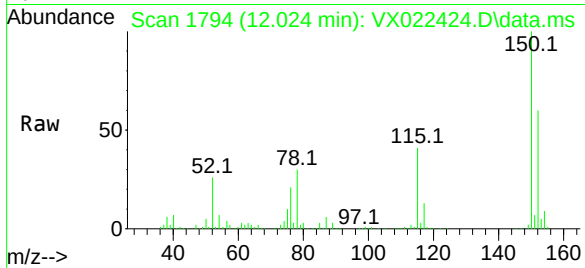




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

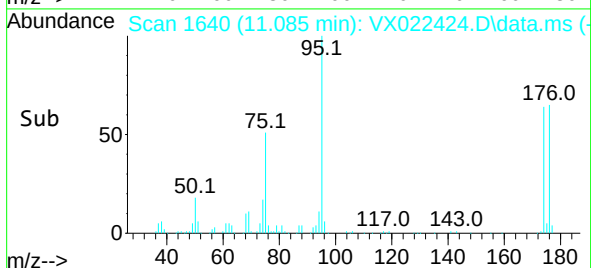
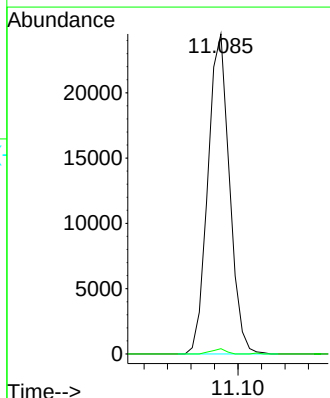
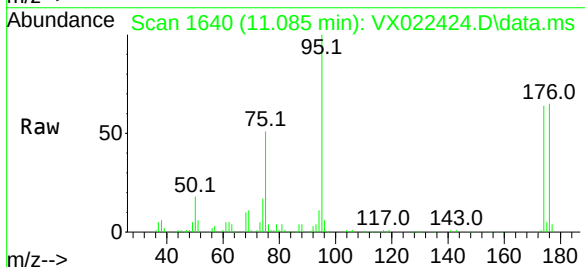
Instrument :
MSVOA_X
ClientSampled :

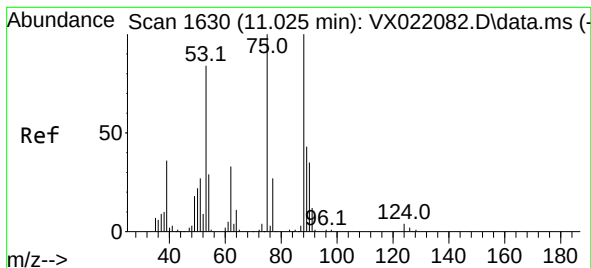
Tgt Ion:152 Resp: 49351
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.667 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 75 Resp: 31250
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

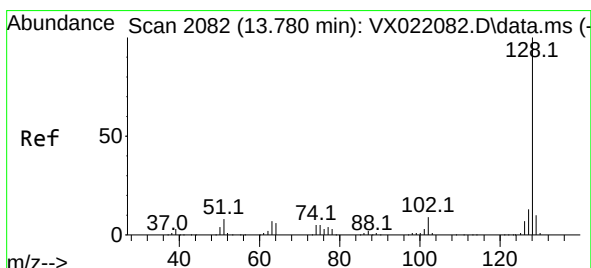
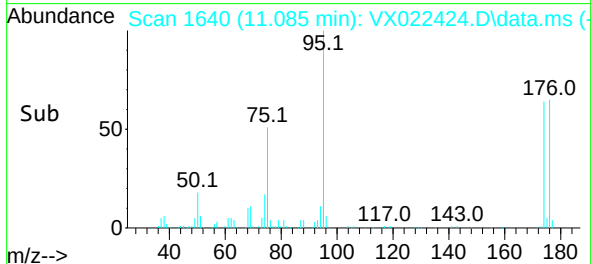
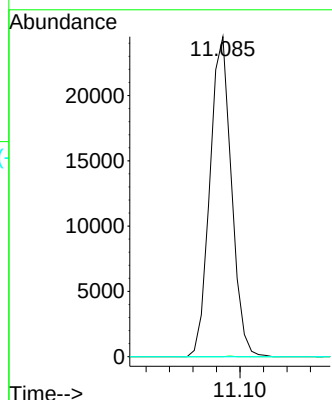
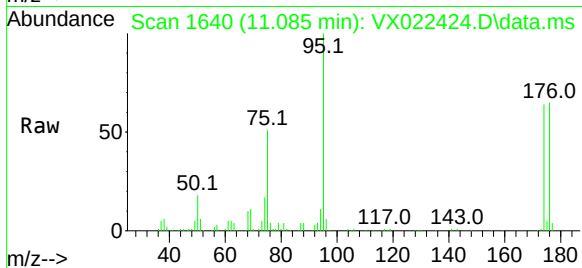




#81
trans-1,4-Dichloro-2-butene
Concen: 60.815 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31250
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.497 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022424.D
Acq: 04 Jun 2021 19:46

Tgt Ion: 128 Resp: 1920
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 12.3 8.8 13.2

