

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022436.D
 Acq On : 05 Jun 2021 00:51
 Operator : JC/MD
 Sample : PB136806ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:20:38 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

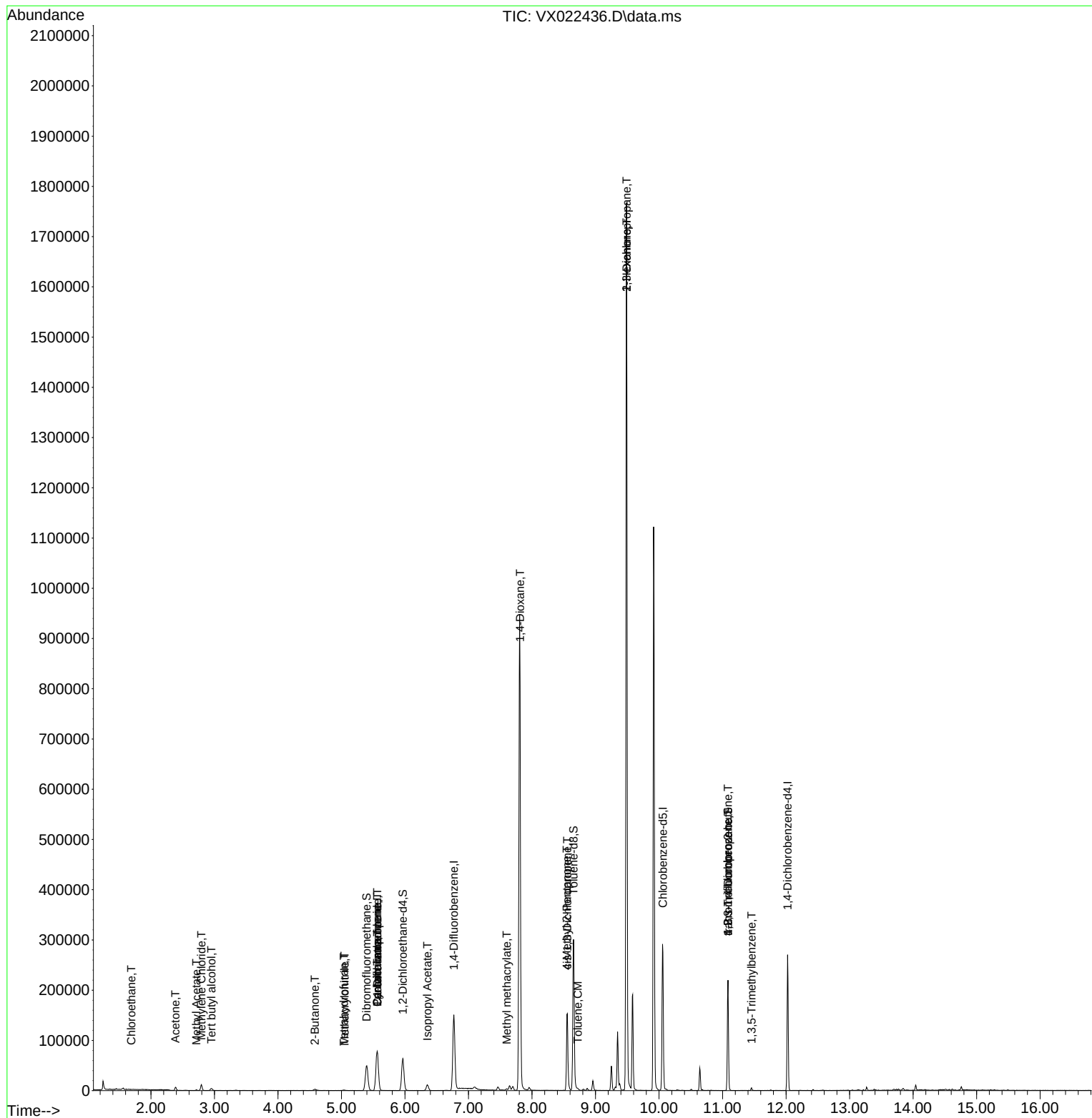
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	67421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	143355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	127522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58408	56.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.320%
35) Dibromofluoromethane	5.397	113	43254	47.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.653	98	174928	49.952	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.085	95	59259	45.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						Qvalue
6) Chloroethane	1.691	64	183	0.329	ug/l	# 43
11) Tert butyl alcohol	2.953	59	2554	10.737	ug/l	# 73
16) Acetone	2.386	43	6843	15.111	ug/l	96
18) Methyl Acetate	2.715	43	1365	1.133	ug/l	# 89
20) Methylene Chloride	2.794	84	4707	4.681	ug/l	91
25) 2-Butanone	4.580	43	2498	3.410	ug/l	# 84
29) Tetrahydrofuran	5.038	42	904	2.073	ug/l	# 65
31) Cyclohexane	5.562	56	1937	1.482	ug/l	# 57
36) 1,1-Dichloropropene	5.562	75	6799	5.129	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	7486	5.773	ug/l	# 16
41) Methacrylonitrile	5.050	41	408	0.469	ug/l	# 35
43) Isopropyl Acetate	6.354	43	15665	5.894	ug/l	94
48) Methyl methacrylate	7.604	41	3917	3.198	ug/l	# 10
49) 1,4-Dioxane	7.811	88	76	3.187	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	54812	34.427	ug/l	# 44
52) Toluene	8.720	92	770	0.298	ug/l	91
54) cis-1,3-Dichloropropene	8.555	75	25500	14.547	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	15027	8.394	ug/l	# 42
59) 2-Hexanone	9.488	43	202203	168.861	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	31143	25.921	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2224	0.651	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	31143	61.416	ug/l	# 12

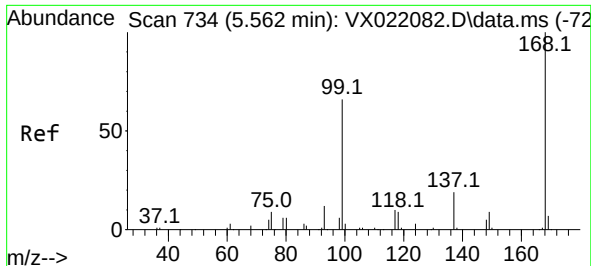
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
Data File : VX022436.D
Acq On : 05 Jun 2021 00:51
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Sample : PB136806ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

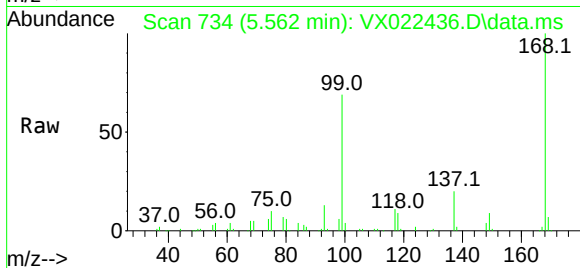
Quant Time: Jun 05 06:20:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



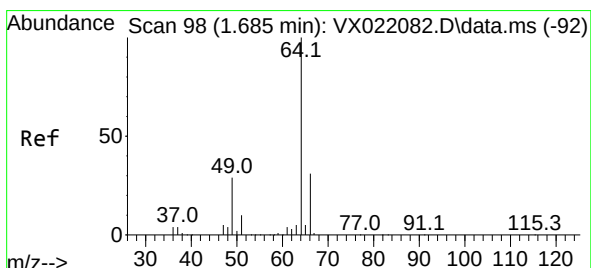
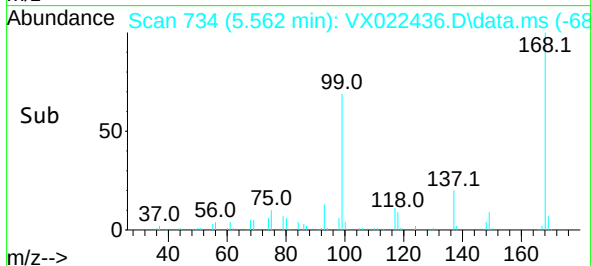
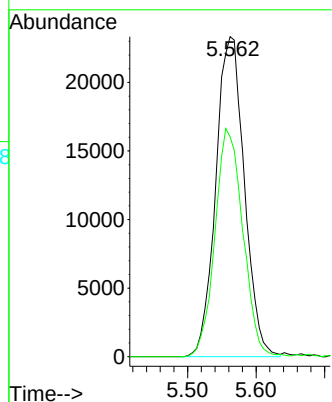


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampled :

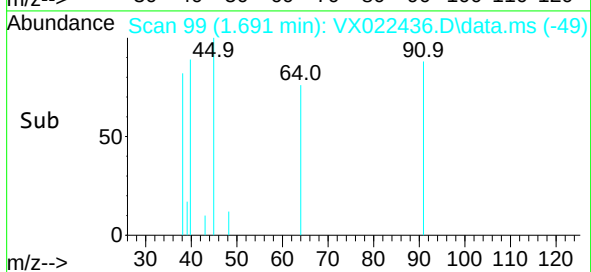
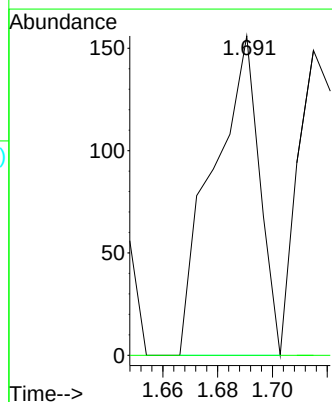
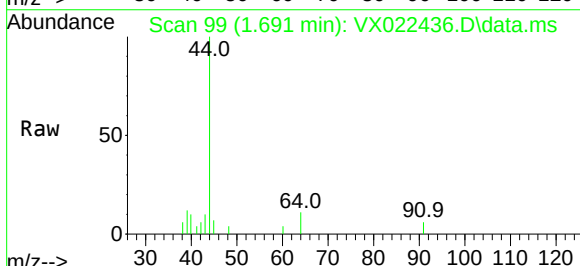


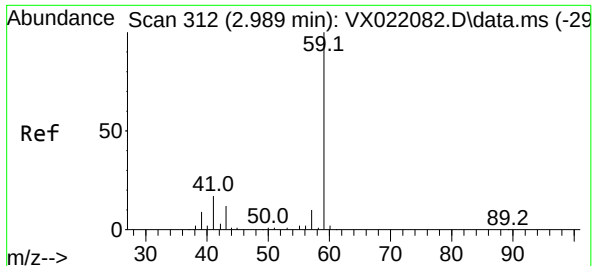
Tgt Ion:168 Resp: 67421
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#6
Chloroethane
Concen: 0.329 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



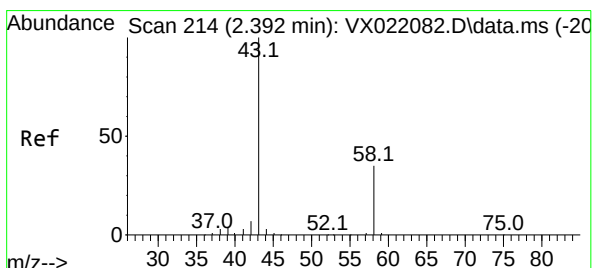
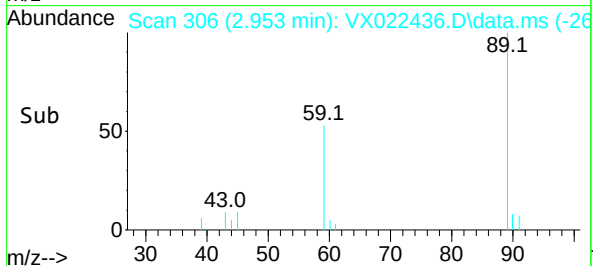
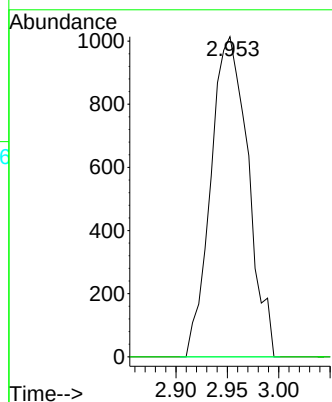
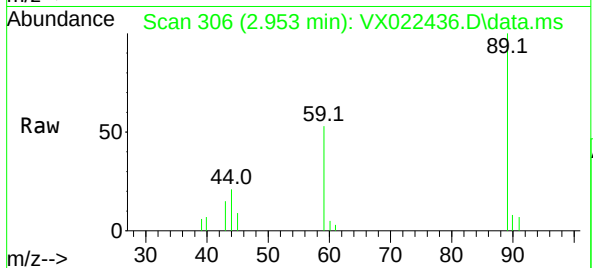


#11

Tert butyl alcohol
Concen: 10.737 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampled :

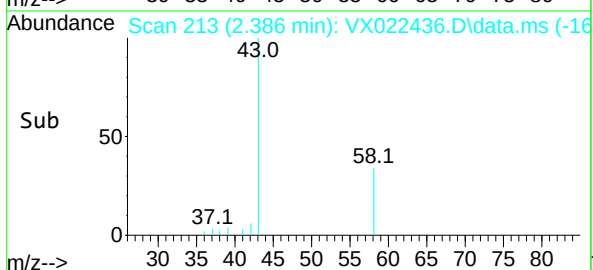
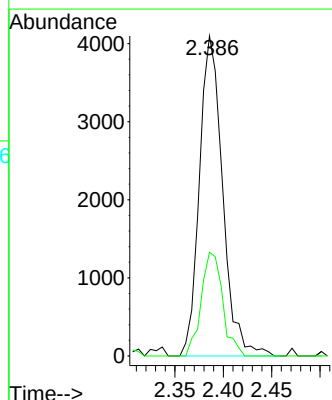
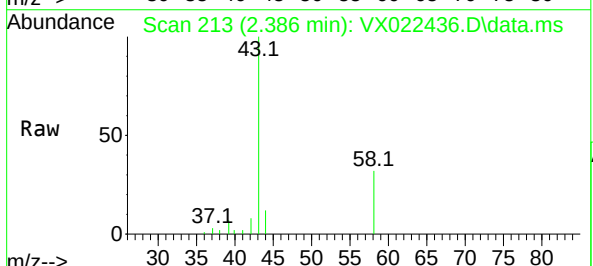
Tgt Ion: 59 Resp: 2554
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

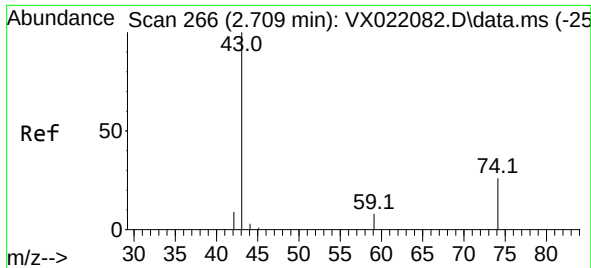


#16

Acetone
Concen: 15.111 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 43 Resp: 6843
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8

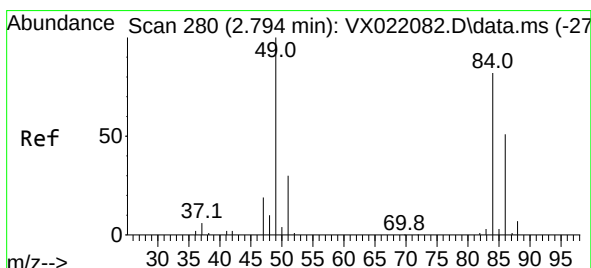
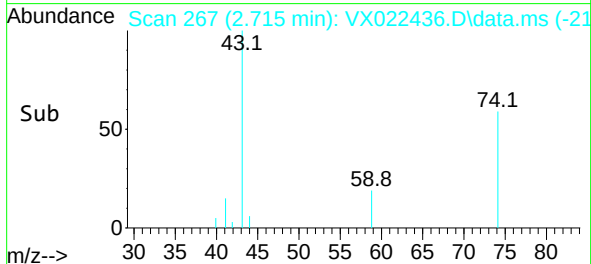
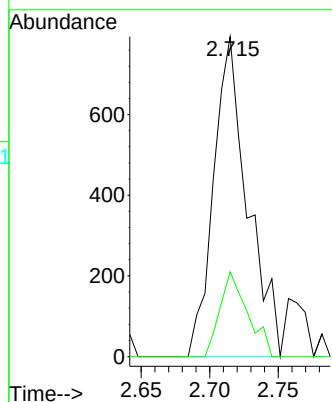
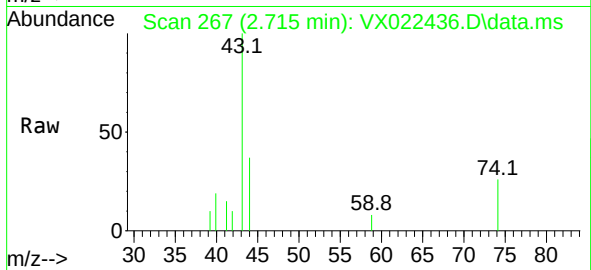




#18
Methyl Acetate
Concen: 1.133 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

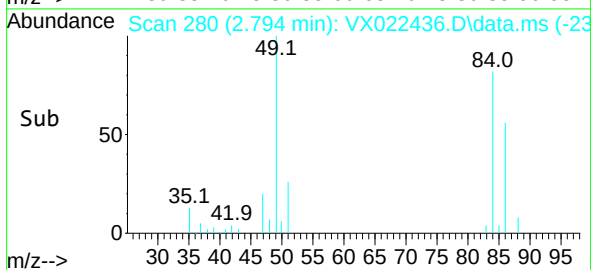
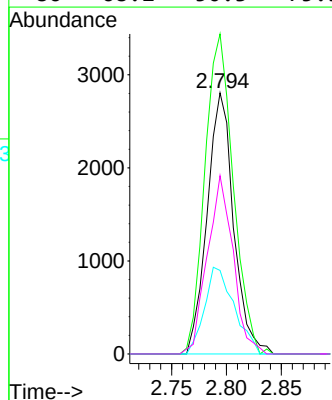
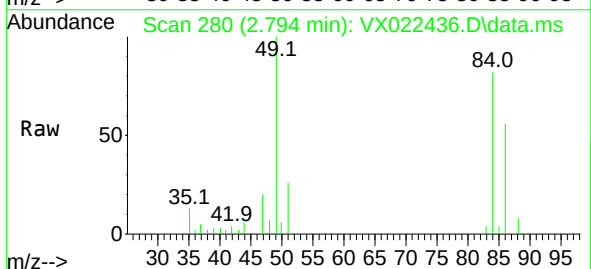
Instrument :
MSVOA_X
ClientSampled :

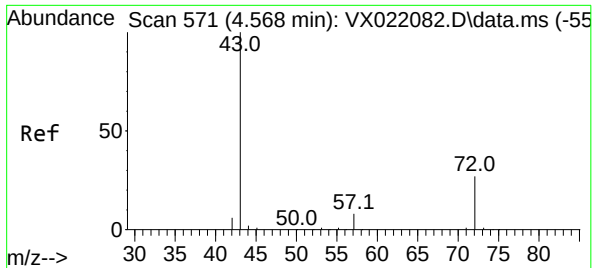
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
74 21.7 21.9 32.9#



#20
Methylene Chloride
Concen: 4.681 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 84 Resp: 4707
Ion Ratio Lower Upper
84 100
49 122.6 88.6 132.8
51 32.0 27.0 40.6
86 68.2 50.3 75.5

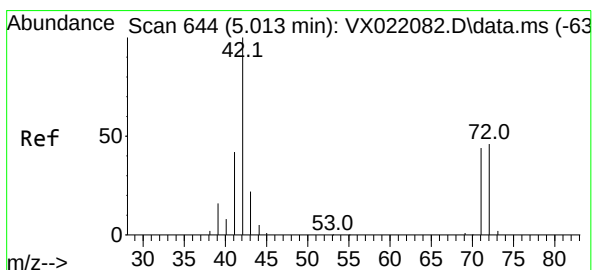
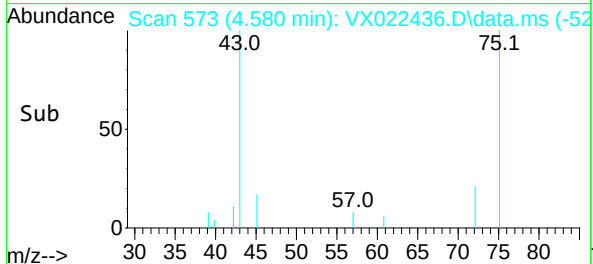
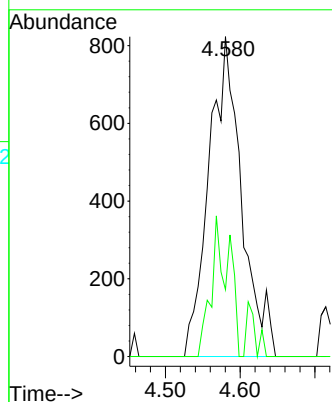
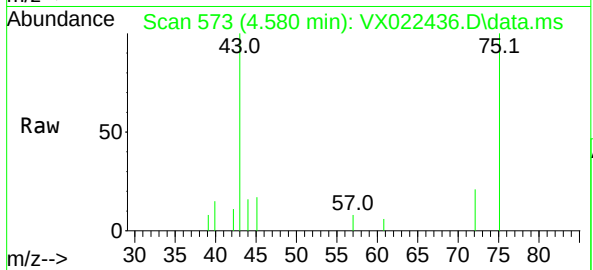




#25
2-Butanone
Concen: 3.410 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

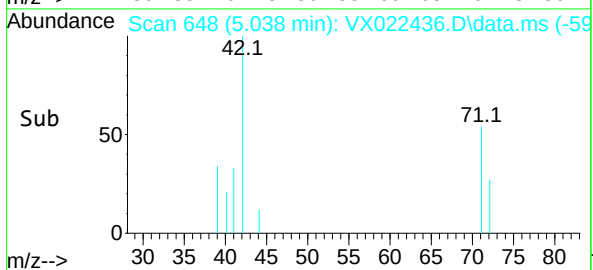
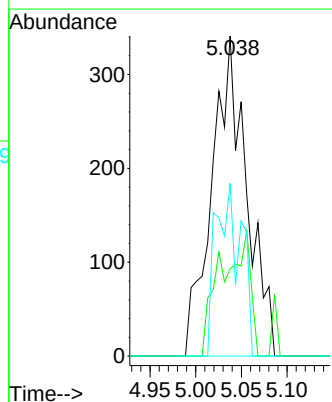
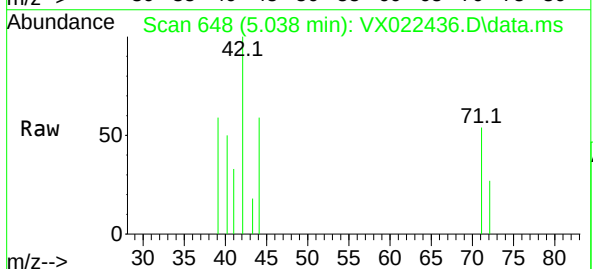
Instrument :
MSVOA_X
ClientSampled :

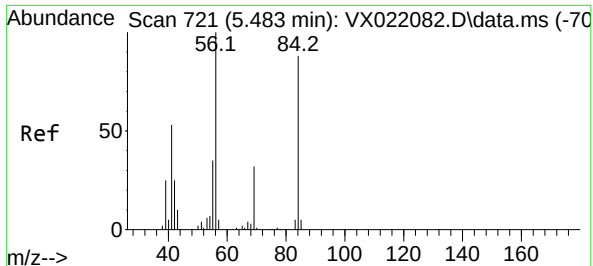
Tgt Ion: 43 Resp: 2498
Ion Ratio Lower Upper
43 100
72 20.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.073 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

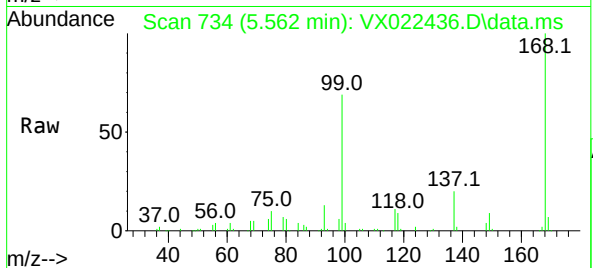
Tgt Ion: 42 Resp: 904
Ion Ratio Lower Upper
42 100
72 13.1 41.7 62.5#
71 39.0 38.4 57.6



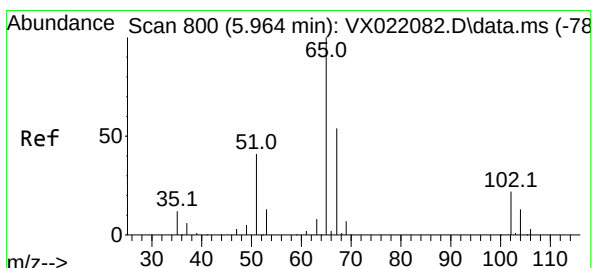
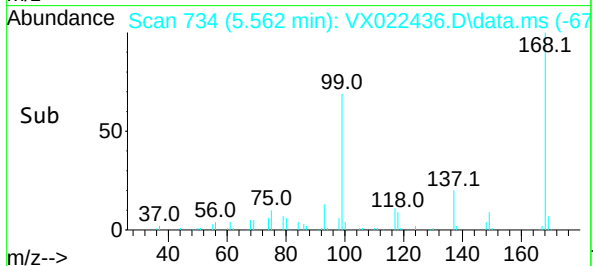
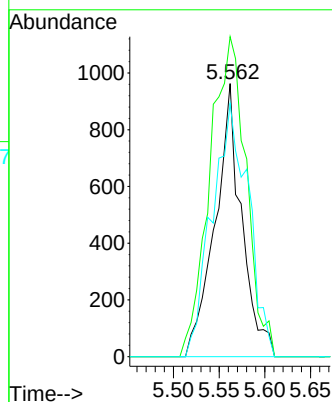


#31
Cyclohexane
Concen: 1.482 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampleId :

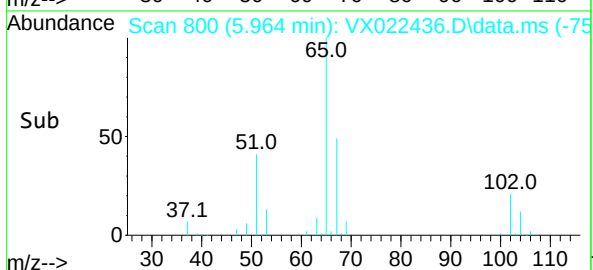
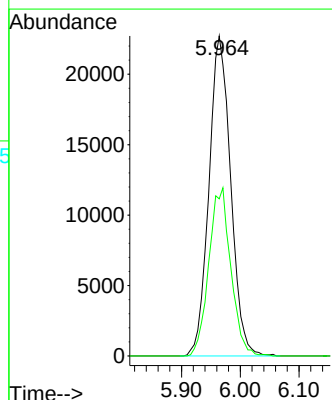
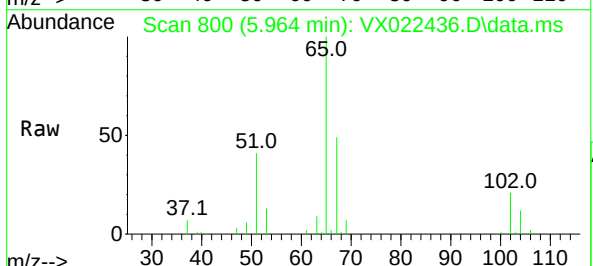


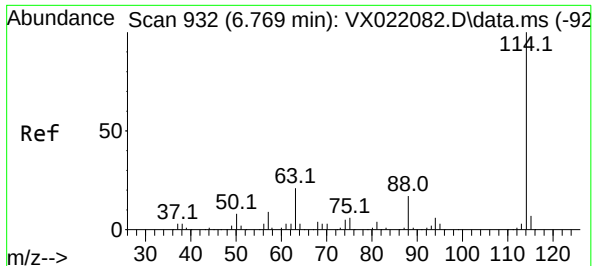
Tgt Ion: 56 Resp: 1937
Ion Ratio Lower Upper
56 100
69 117.1 25.3 37.9#
84 92.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 65 Resp: 58408
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

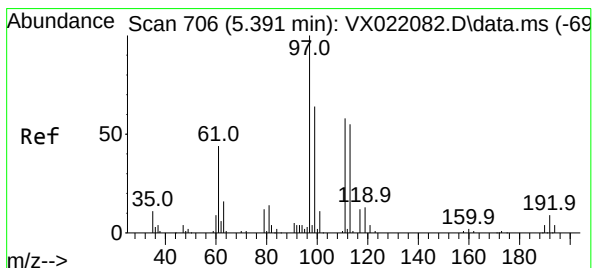
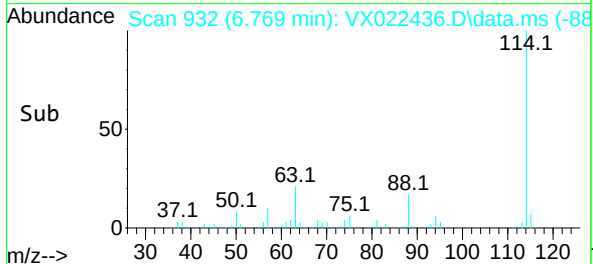
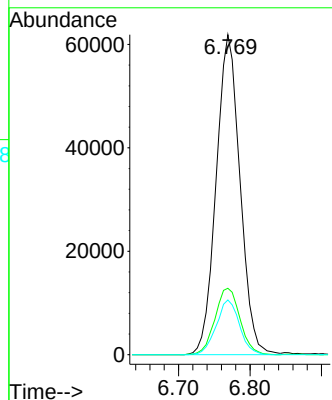
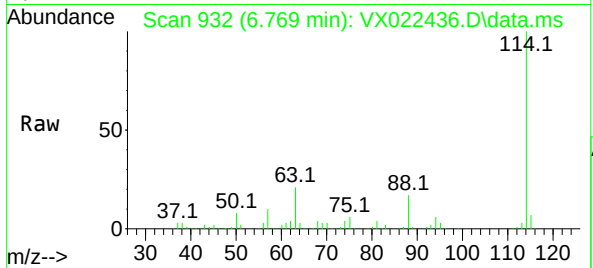




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

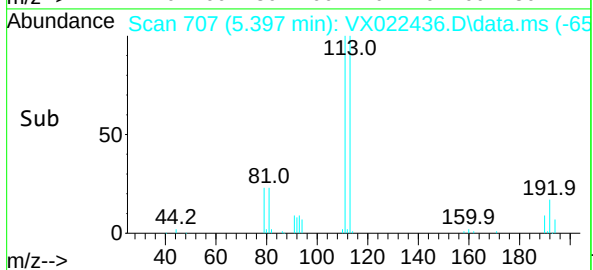
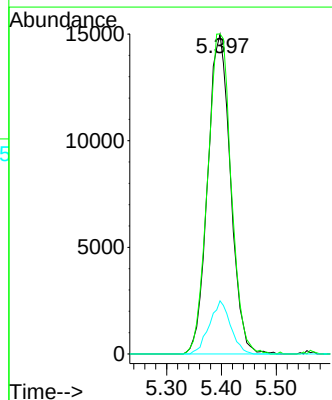
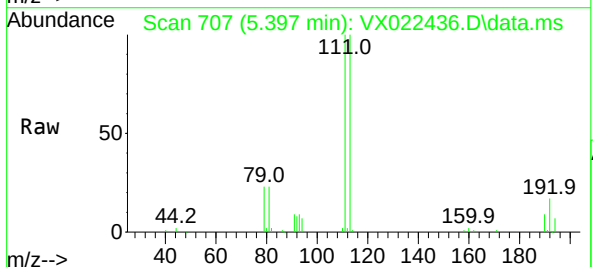
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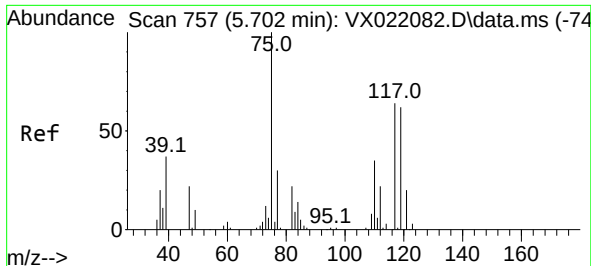
Tgt Ion:114 Resp: 143355
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion:113 Resp: 43254
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.129 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022436.D

Acq: 05 Jun 2021 00:51

Tgt Ion: 75 Resp: 6799

Ion Ratio Lower Upper

75 100

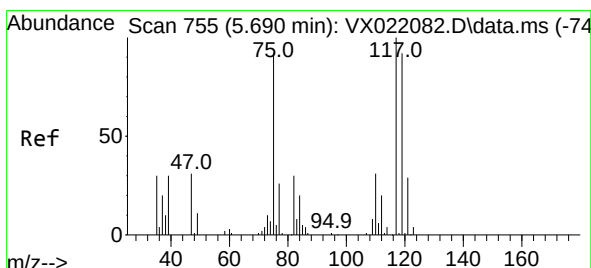
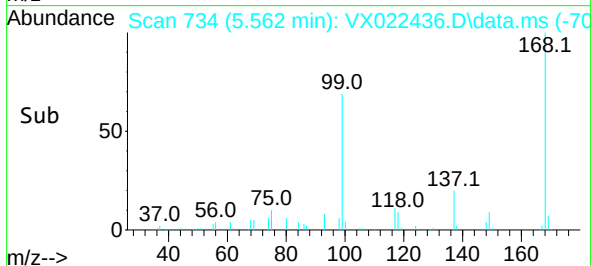
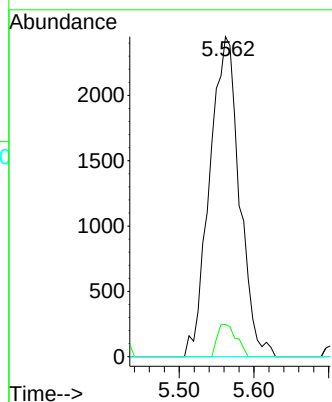
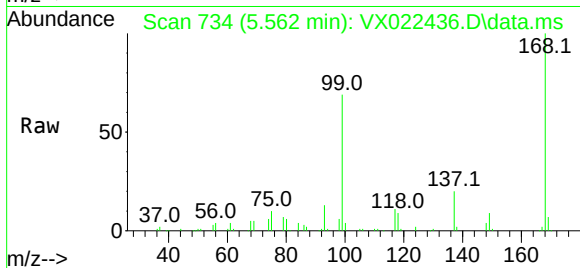
110 6.5 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX022436.D

Acq: 05 Jun 2021 00:51

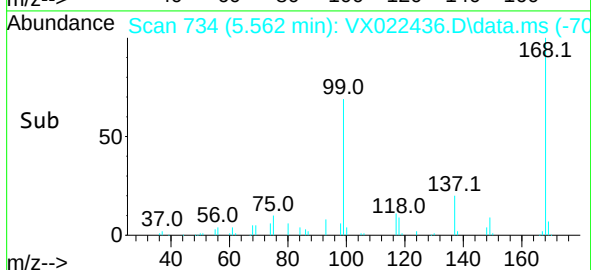
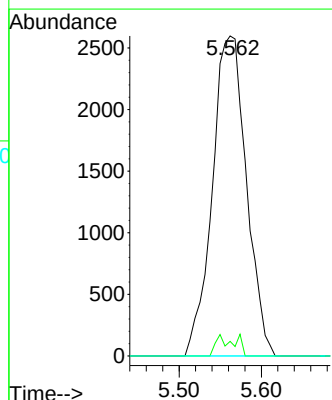
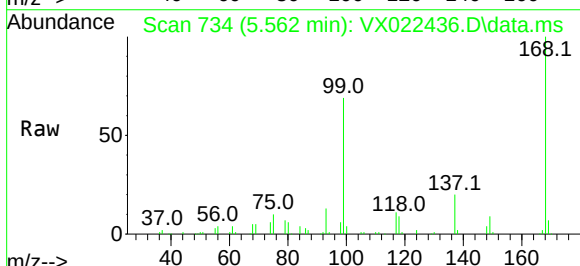
Tgt Ion: 117 Resp: 7486

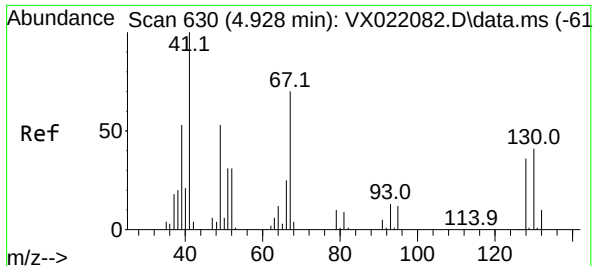
Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.2#

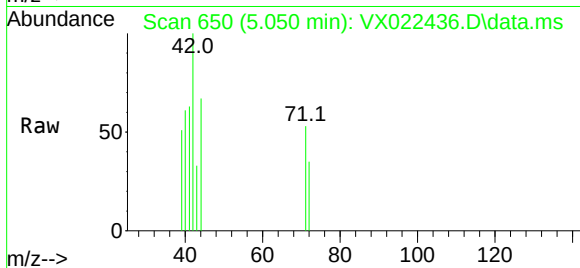
121 0.0 24.8 37.2#



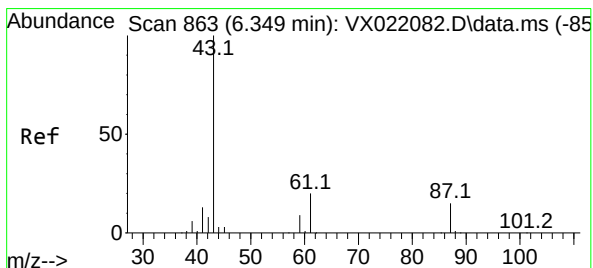
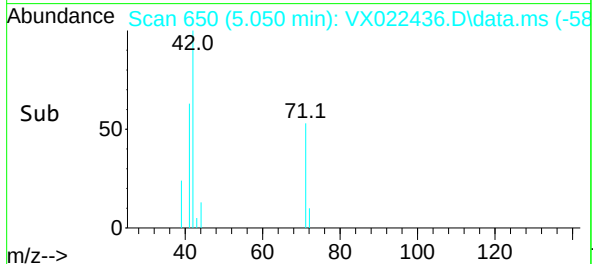
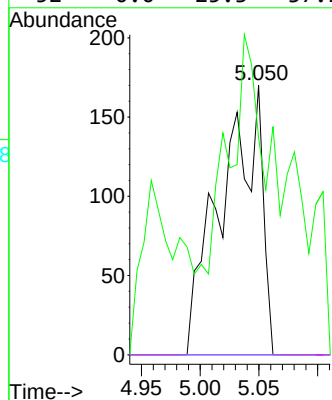


#41
Methacrylonitrile
Concen: 0.469 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampled :

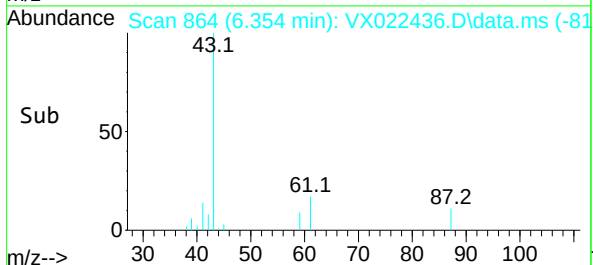
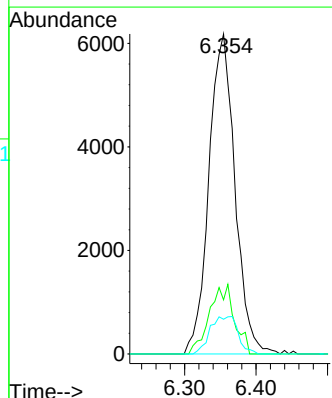
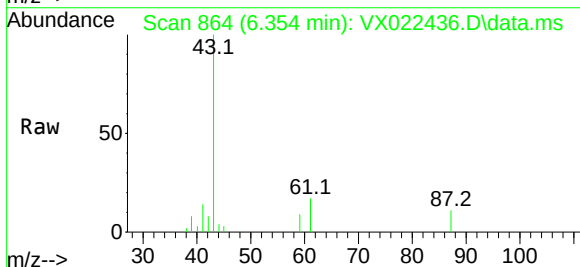


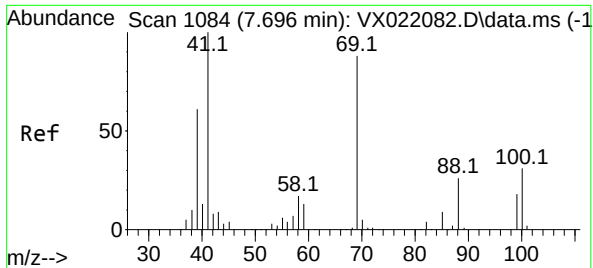
Tgt Ion:	41	Resp:	408
Ion	Ratio	Lower	Upper
41	100		
39	74.8	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.894 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion:	43	Resp:	15665
Ion	Ratio	Lower	Upper
43	100		
61	20.6	18.2	27.4
87	12.5	12.5	18.7





#48

Methyl methacrylate

Concen: 3.198 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.092 min

Lab File: VX022436.D

Acq: 05 Jun 2021 00:51

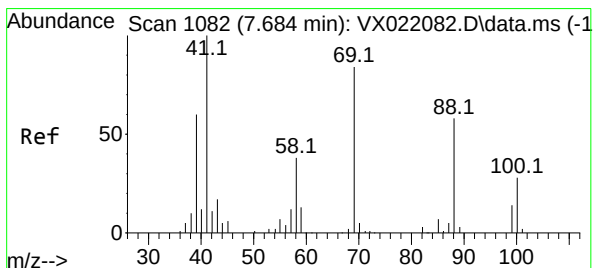
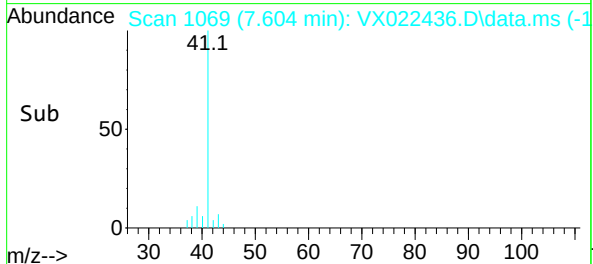
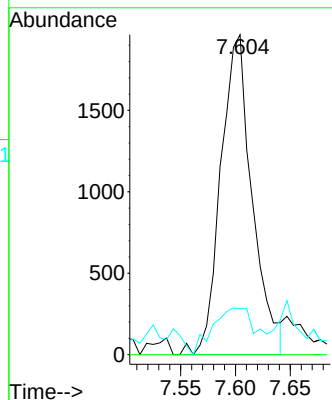
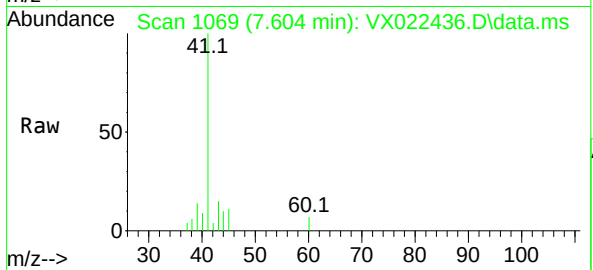
Tgt Ion: 41 Resp: 3917

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: 3.187 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.127 min

Lab File: VX022436.D

Acq: 05 Jun 2021 00:51

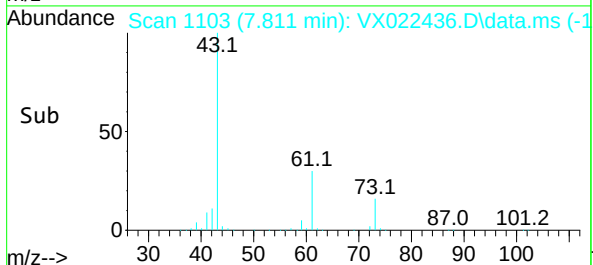
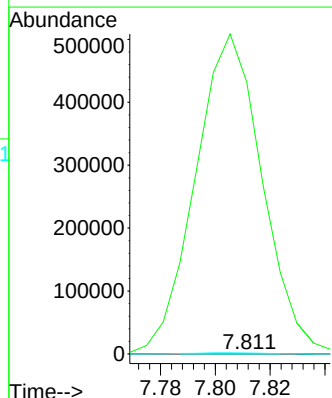
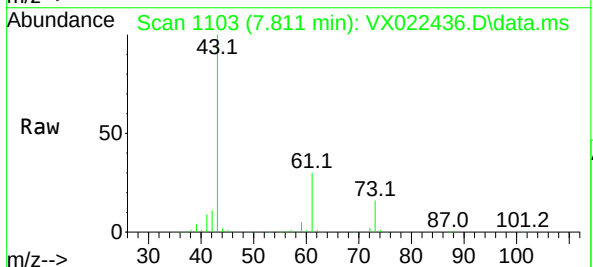
Tgt Ion: 88 Resp: 76

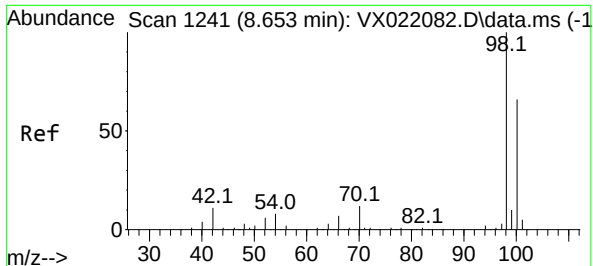
Ion Ratio Lower Upper

88 100

43 1147211.8 23.2 34.8#

58 4163.2 55.0 82.4#

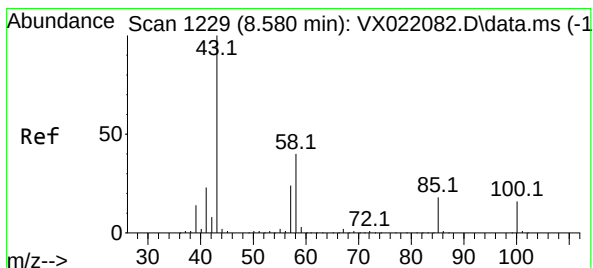
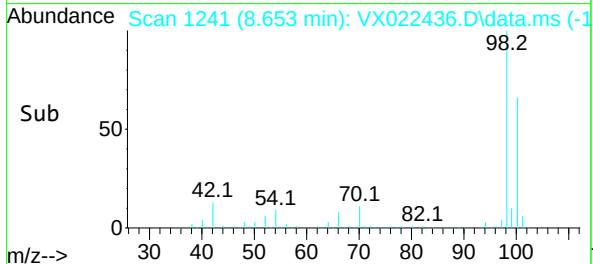
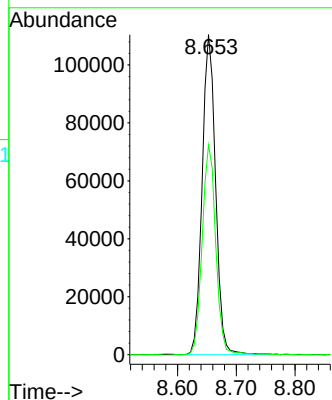
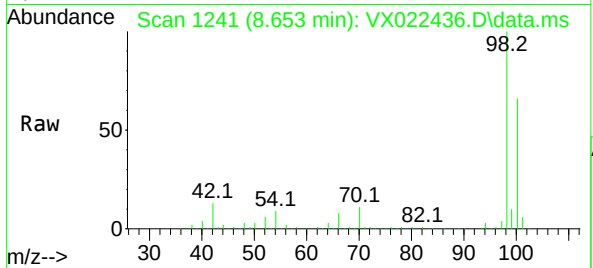




#50
Toluene-d8
Concen: 49.952 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

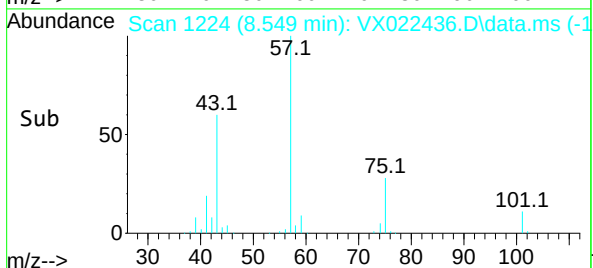
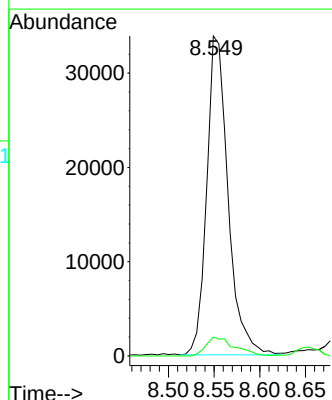
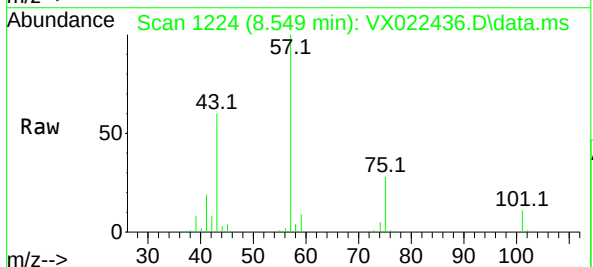
Instrument :
MSVOA_X
ClientSampled :

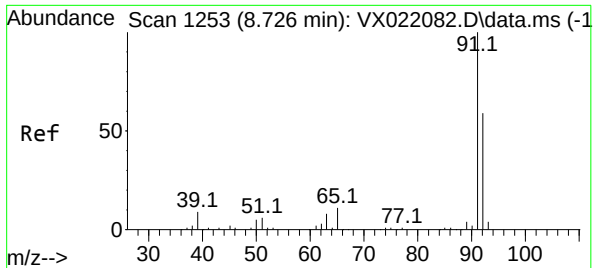
Tgt Ion: 98 Resp: 174928
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 34.427 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 43 Resp: 54812
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#

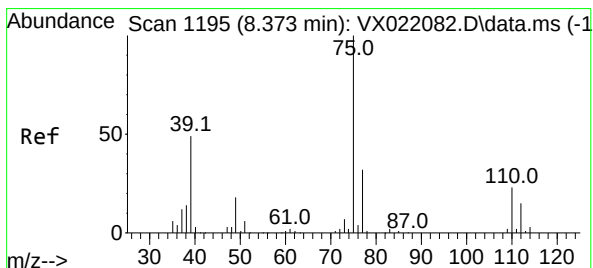
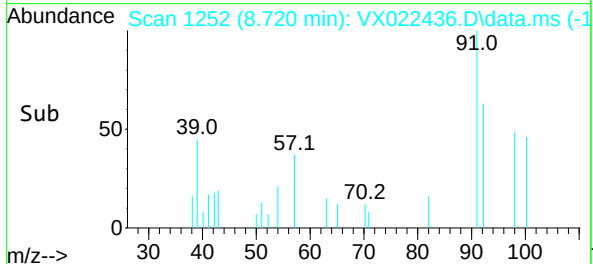
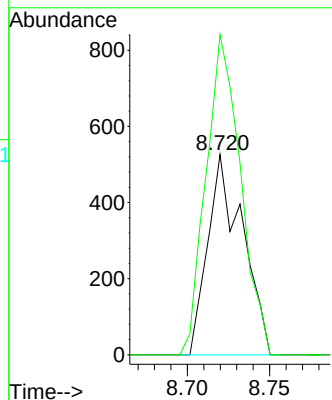
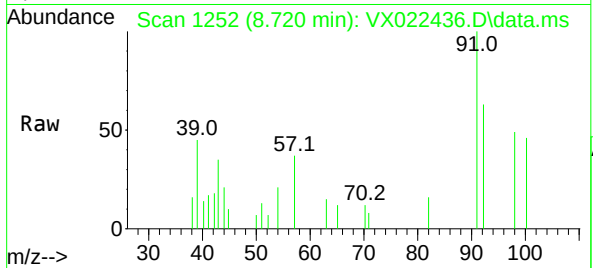




#52
Toluene
Concen: 0.298 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

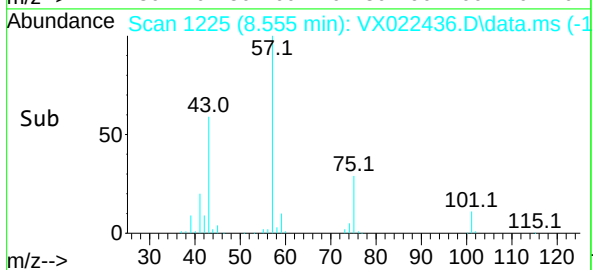
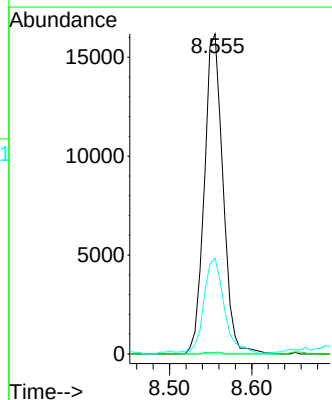
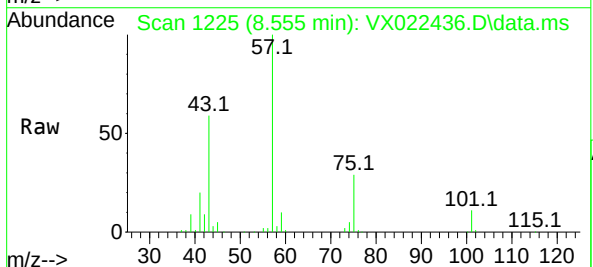
Instrument :
MSVOA_X
ClientSampled :

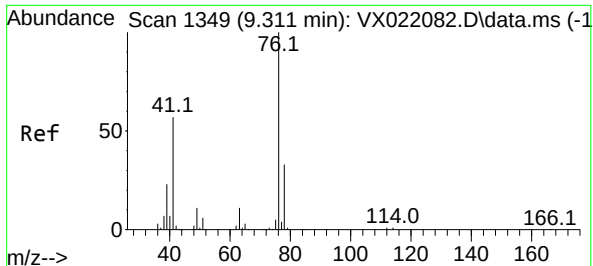
Tgt Ion: 92 Resp: 770
Ion Ratio Lower Upper
92 100
91 159.2 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.547 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 75 Resp: 25500
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 29.3 35.1 52.7#



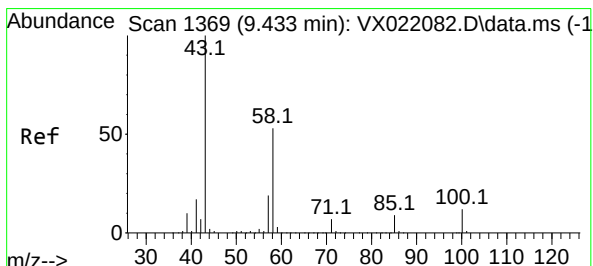
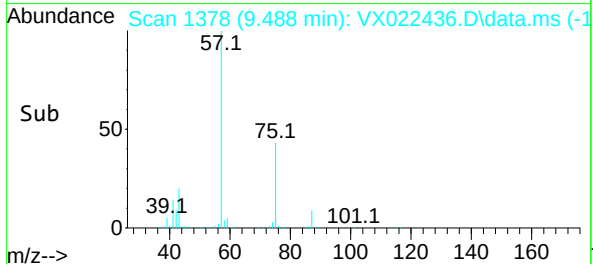
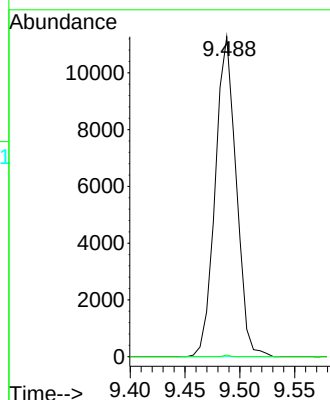
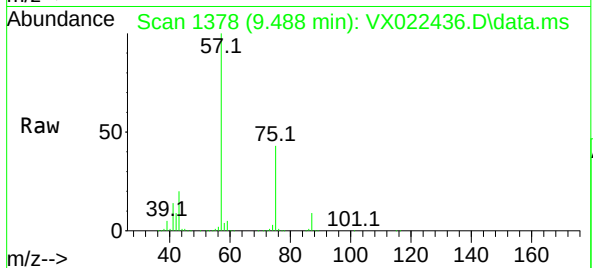


#57

1,3-Dichloropropane
Concen: 8.394 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampled :

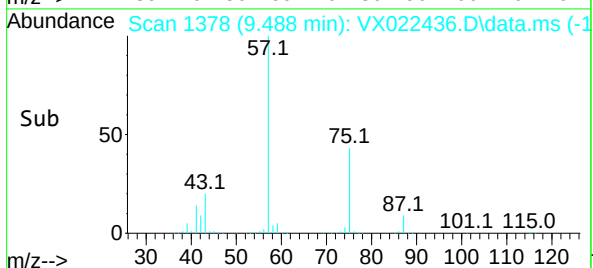
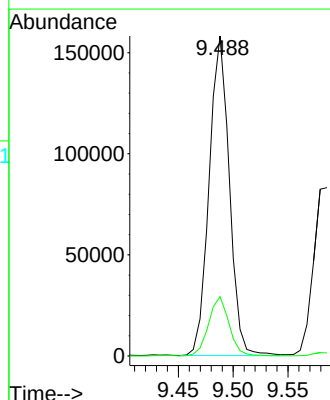
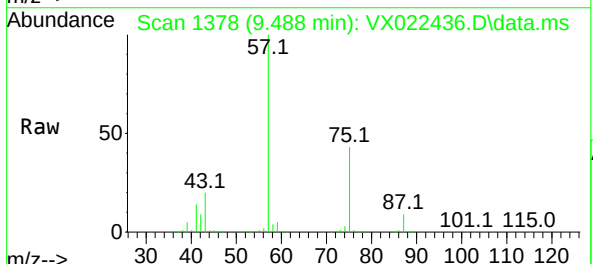
Tgt Ion: 76 Resp: 15027
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

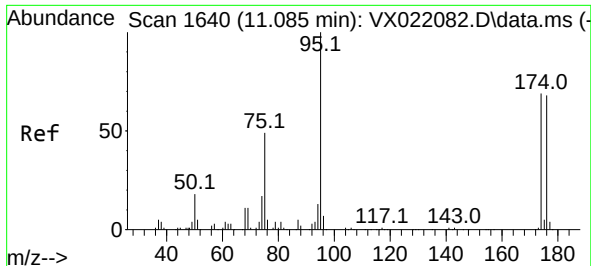


#59

2-Hexanone
Concen: 168.861 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 43 Resp: 202203
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#

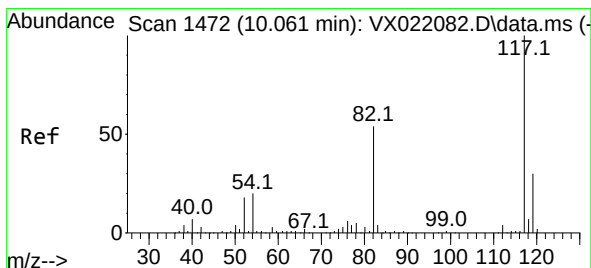
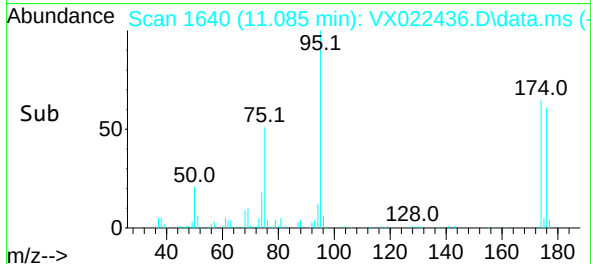
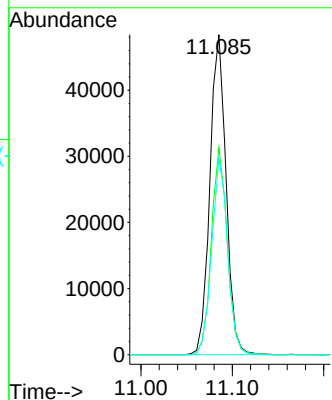
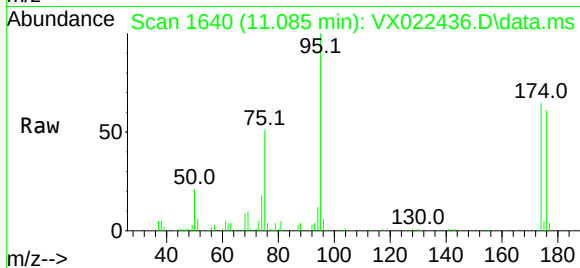




#62
4-Bromofluorobenzene
Concen: 45.782 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

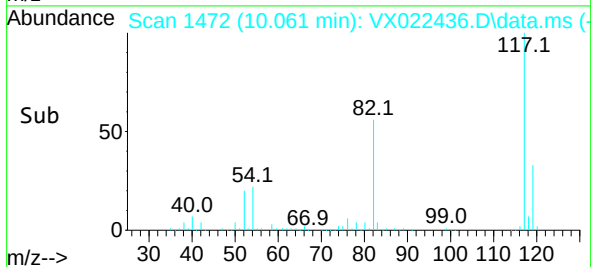
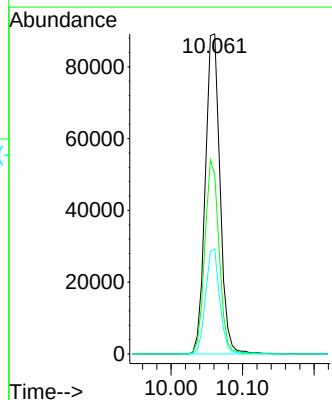
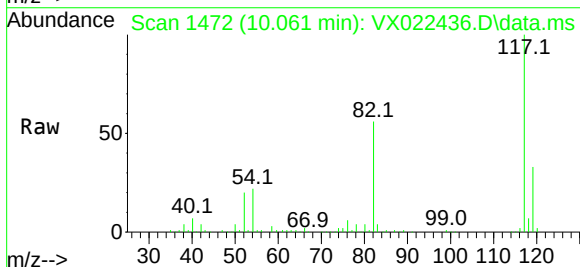
Instrument :
MSVOA_X
ClientSampled :

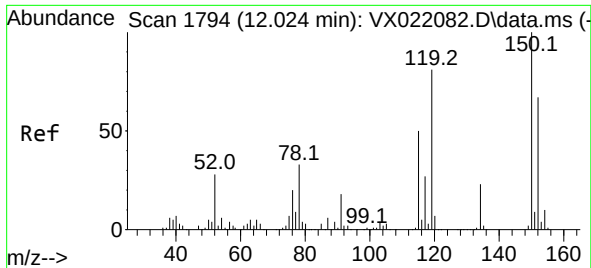
Tgt Ion: 95 Resp: 59259
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 117 Resp: 127522
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.9 26.6 39.8

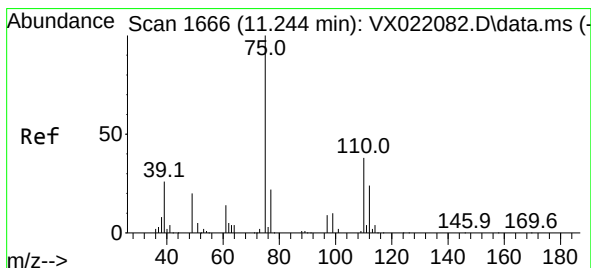
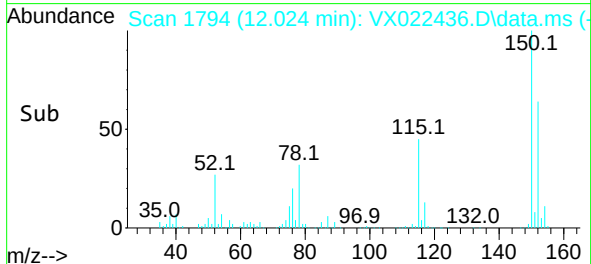
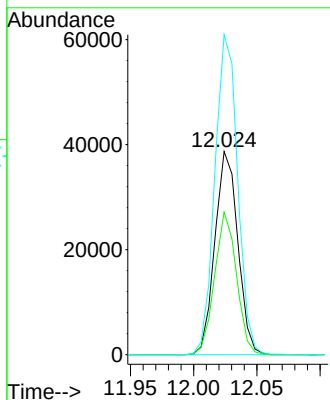
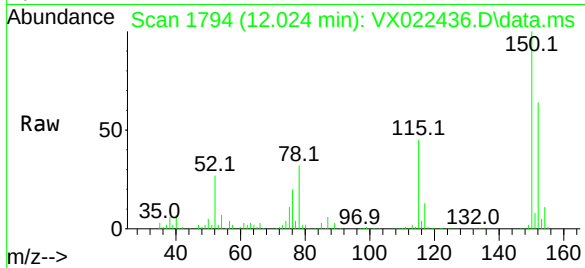




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

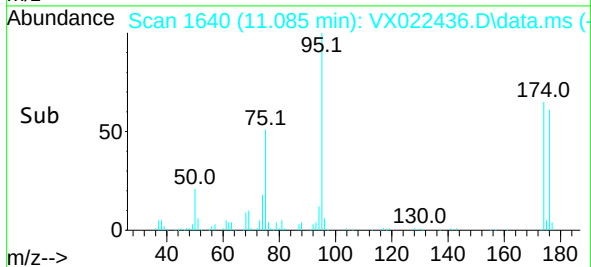
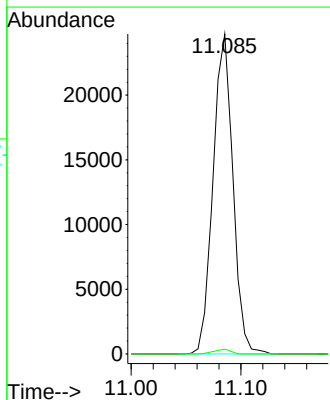
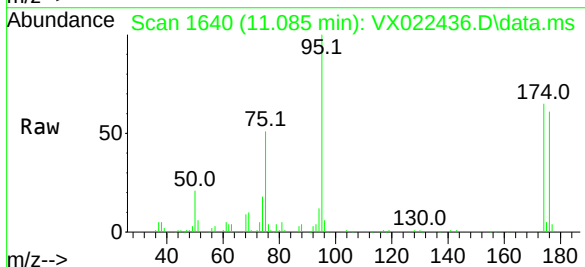
Instrument :
MSVOA_X
ClientSampled :

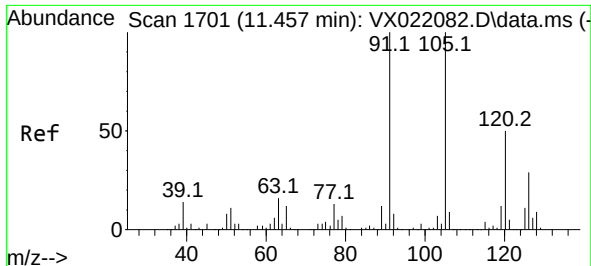
Tgt Ion:152 Resp: 48701
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.921 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 75 Resp: 31143
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

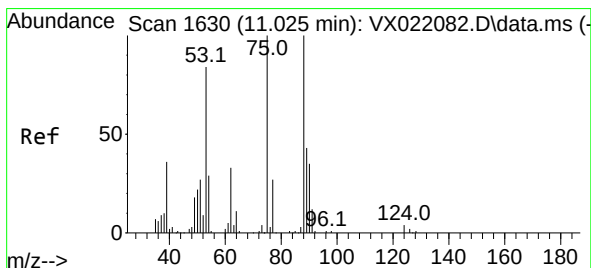
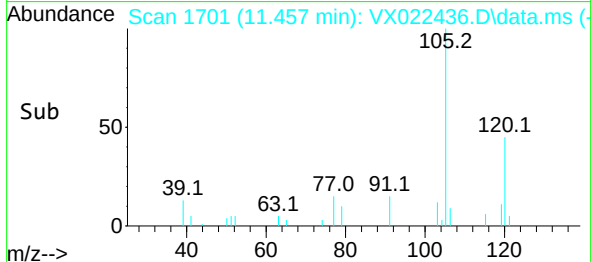
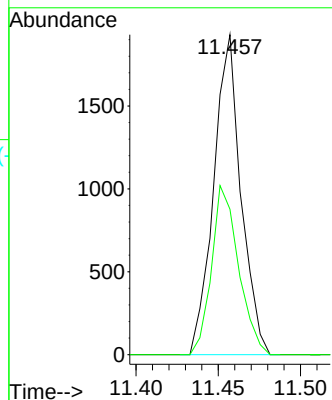
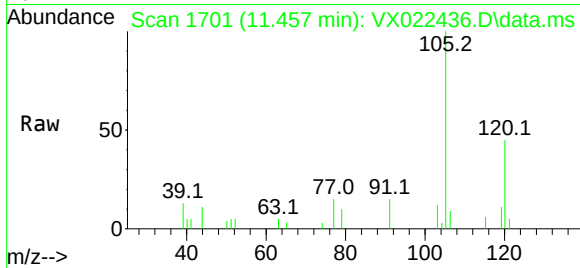




#80
1,3,5-Trimethylbenzene
Concen: 0.651 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2224
Ion Ratio Lower Upper
105 100
120 52.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 61.416 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022436.D
Acq: 05 Jun 2021 00:51

Tgt Ion: 75 Resp: 31143
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

