

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022517.D
 Acq On : 07 Jun 2021 07:27
 Operator : JC/MD
 Sample : PB136857ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

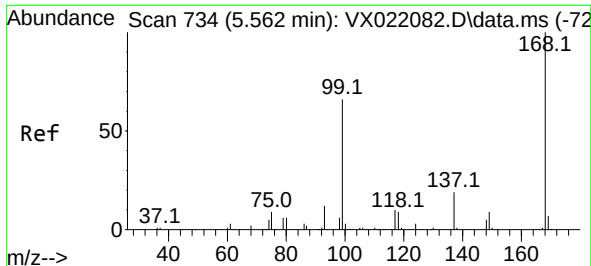
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#11

Quant Time: Jun 07 08:35:39 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	5.568	168	57973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	119763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48914	54.697	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.400%	
35) Dibromofluoromethane	5.391	113	36049	47.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.940%	
50) Toluene-d8	8.653	98	148000	50.588	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	11.085	95	50985	47.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	168	0.221	ug/l	# 42
11) Tert butyl alcohol	2.947	59	1521	7.436	ug/l	# 77
16) Acetone	2.386	43	8280	21.264	ug/l	96
18) Methyl Acetate	2.721	43	1463	1.413	ug/l	# 47
20) Methylene Chloride	2.794	84	4794	5.545	ug/l	# 85
25) 2-Butanone	4.580	43	1805	2.865	ug/l	# 86
29) Tetrahydrofuran	5.032	42	455	1.214	ug/l	# 38
31) Cyclohexane	5.556	56	1660	1.477	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5672	5.122	ug/l	# 45
38) Carbon Tetrachloride	5.568	117	6574	6.068	ug/l	# 17
43) Isopropyl Acetate	6.355	43	12107	5.452	ug/l	93
48) Methyl methacrylate	7.598	41	3604	3.522	ug/l	# 10
49) 1,4-Dioxane	7.799	88	49	2.459	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	43785	32.918	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	19909	13.595	ug/l	# 63
56) Ethyl methacrylate	9.354	69	447	0.316	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11470	7.669	ug/l	# 42
59) 2-Hexanone	9.378	43	5139	5.137	ug/l	# 19
74) N-amyl acetate	10.768	43	419	0.239	ug/l	# 41
76) 1,2,3-Trichloropropane	11.085	75	27927	25.899	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2309	0.753	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	27927	61.365	ug/l	# 12

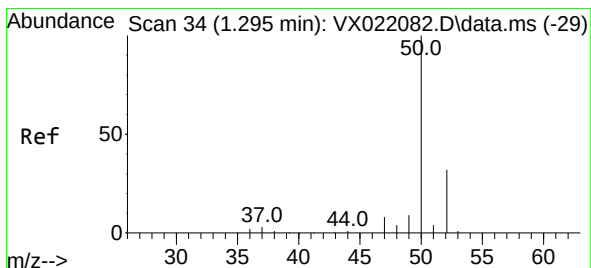
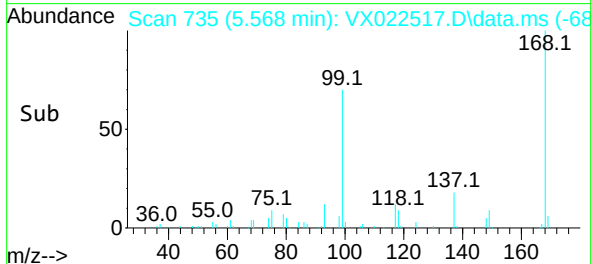
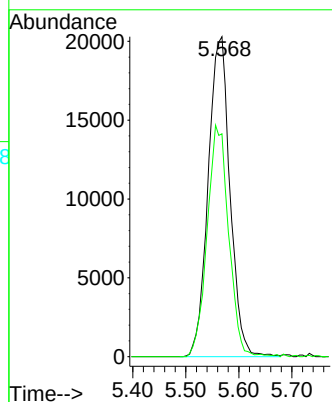
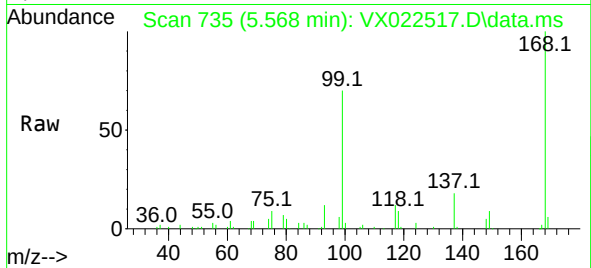
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

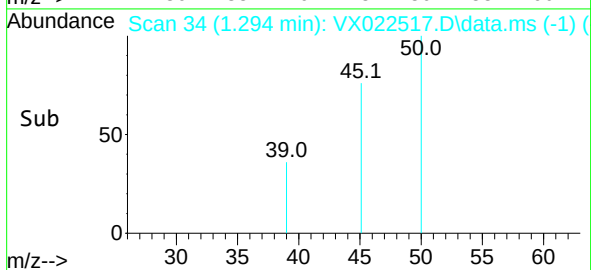
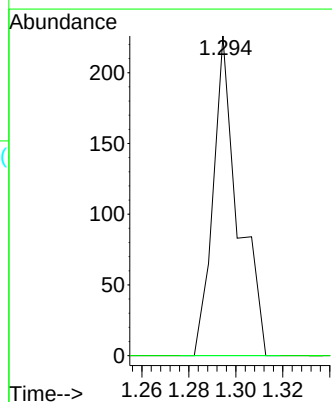
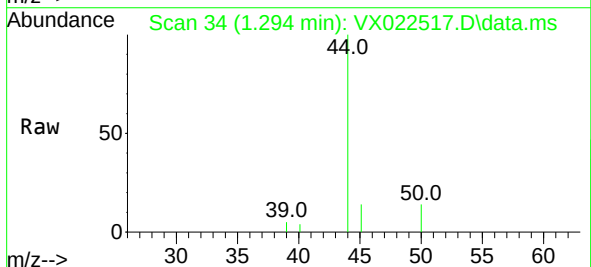
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

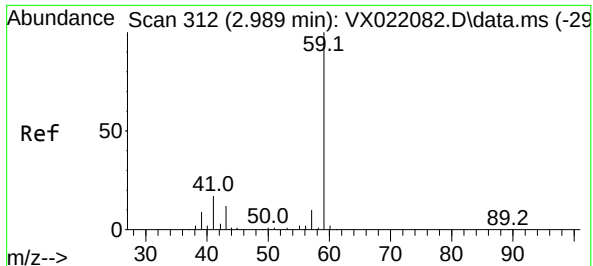
Tgt Ion:168 Resp: 57973
Ion Ratio Lower Upper
168 100
99 69.7 45.8 68.6#



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



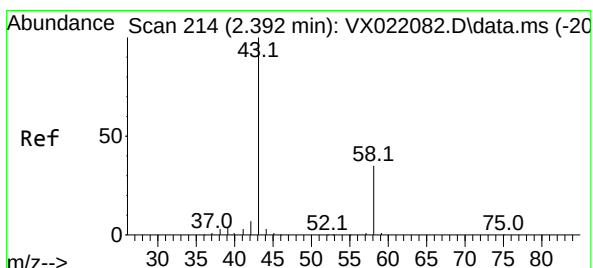
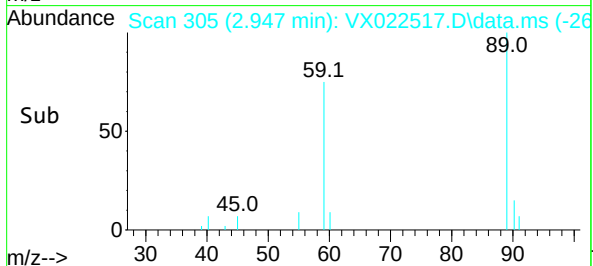
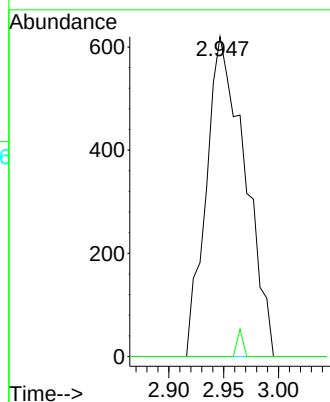
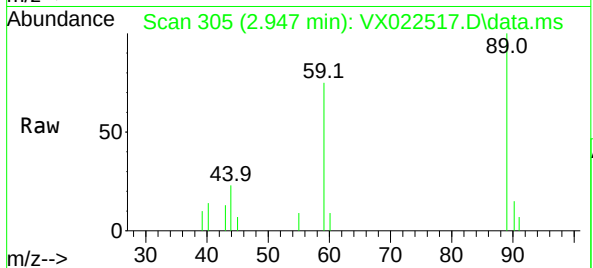


#11

Tert butyl alcohol
Concen: 7.436 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

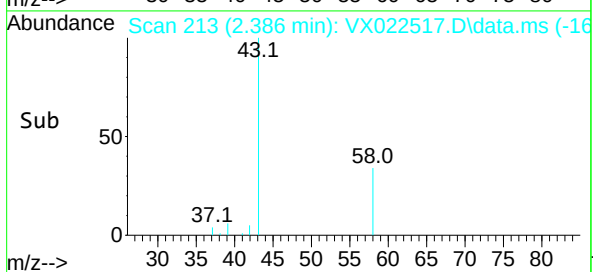
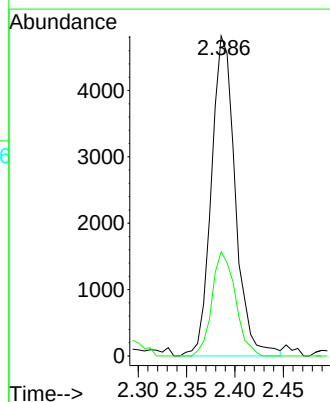
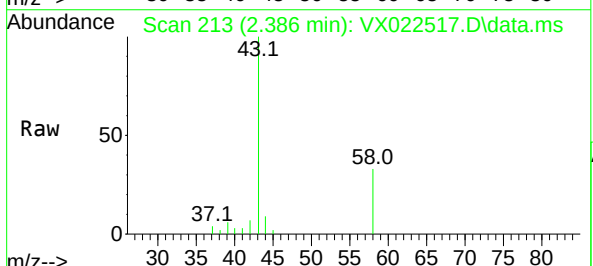
Tgt Ion: 59 Resp: 1521
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#

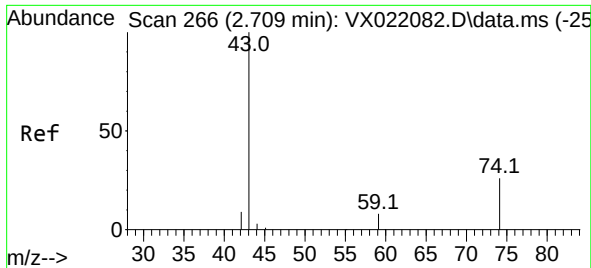


#16

Acetone
Concen: 21.264 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 43 Resp: 8280
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8

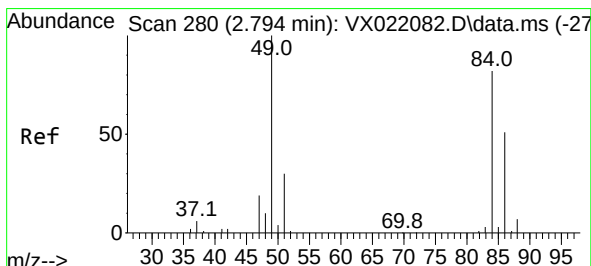
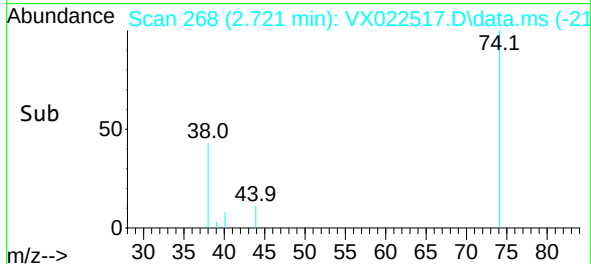
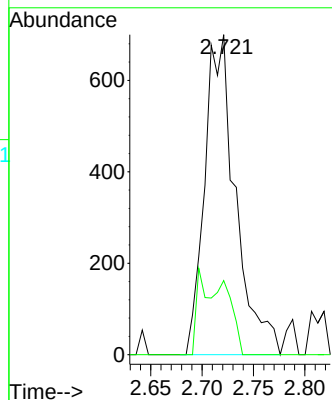
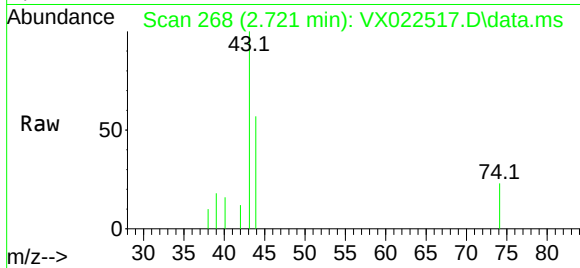




#18
Methyl Acetate
Concen: 1.413 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

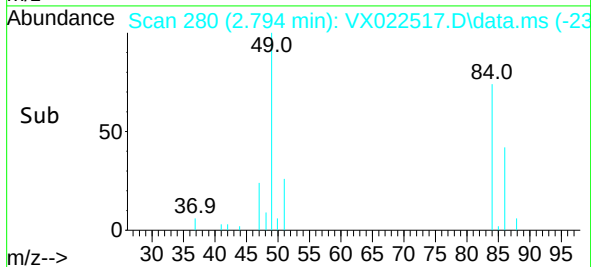
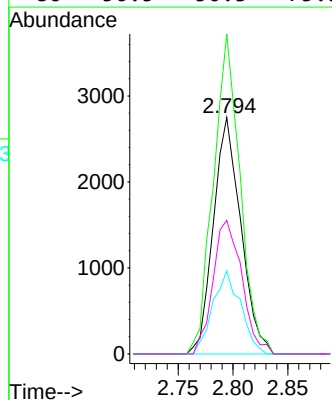
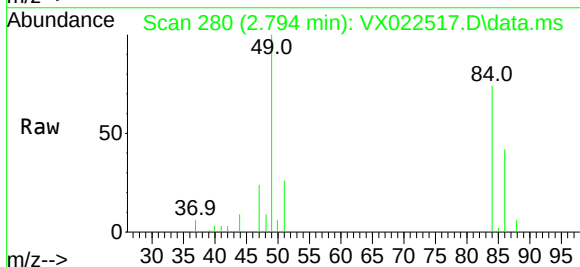
Instrument :
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ClientSampleId :
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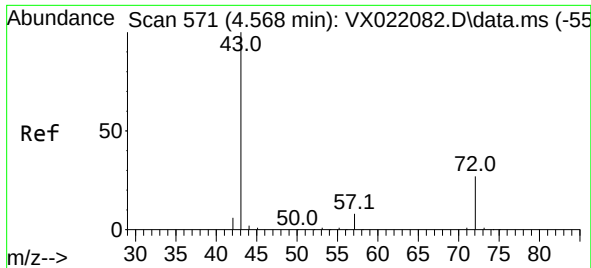
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 5.545 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 84 Resp: 4794
Ion Ratio Lower Upper
84 100
49 135.3 88.6 132.8#
51 35.2 27.0 40.6
86 56.5 50.3 75.5

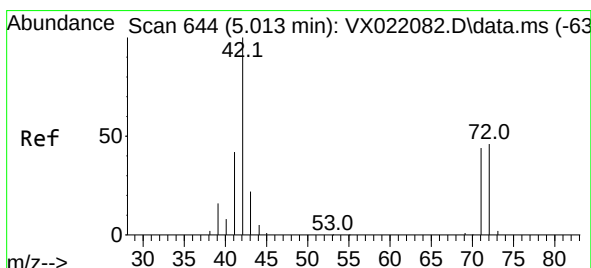
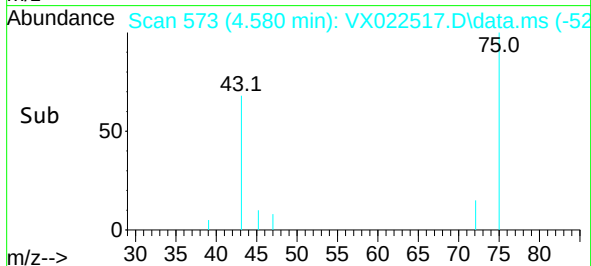
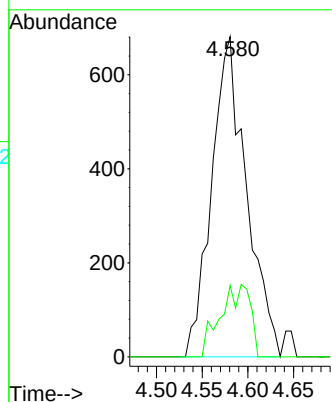
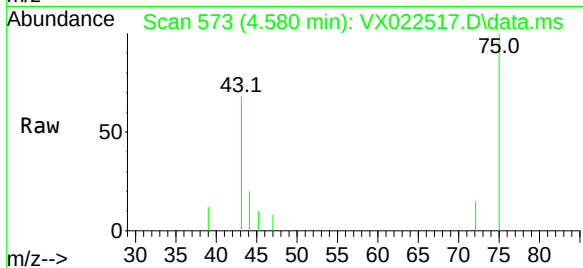




#25
2-Butanone
Concen: 2.865 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

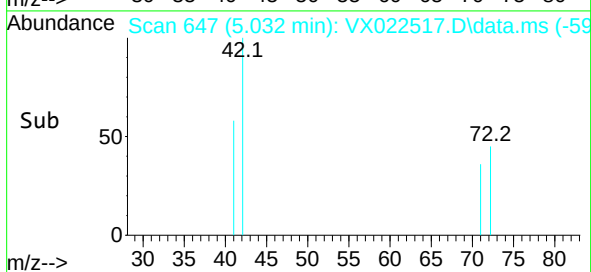
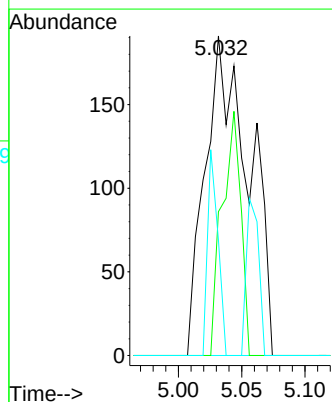
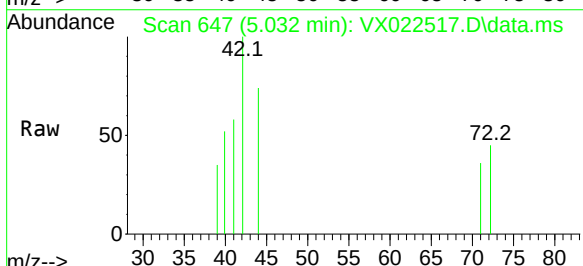
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ClientSampleId :
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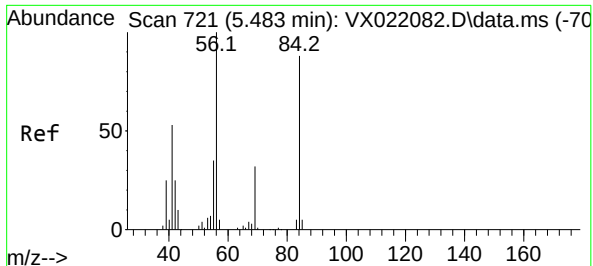
Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
72 22.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.214 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

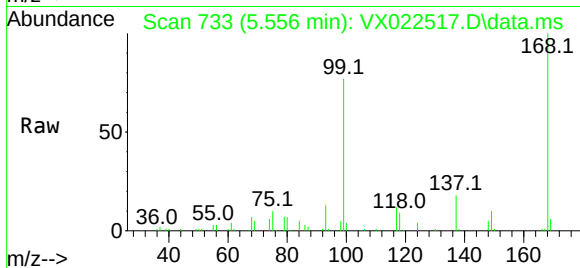
Tgt Ion: 42 Resp: 455
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 15.4 38.4 57.6#



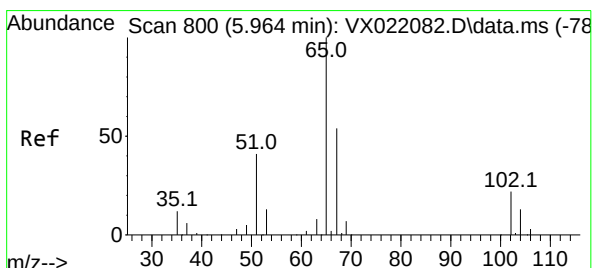
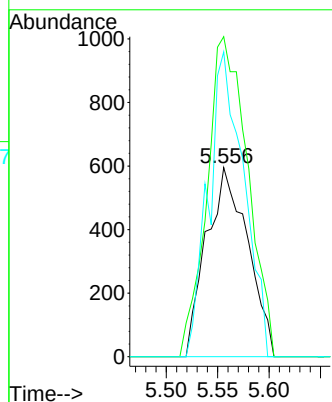
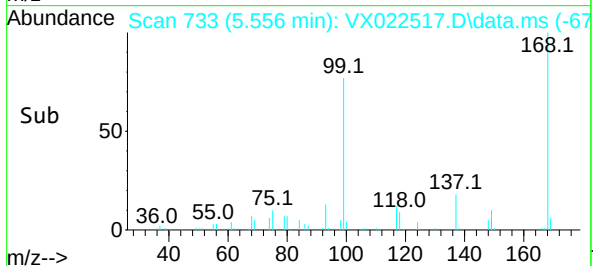


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

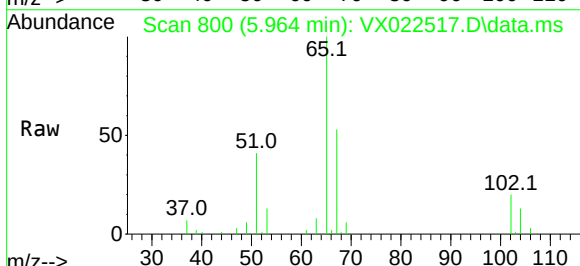
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MSVOA_X
ClientSampleId :
PB136857ZHE#11



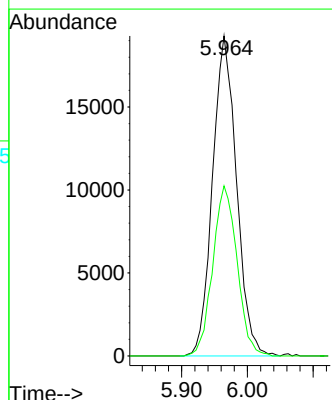
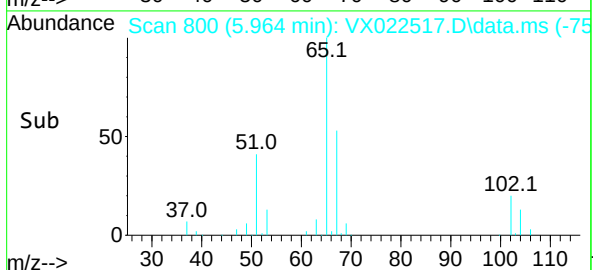
Tgt Ion: 56 Resp: 1660
Ion Ratio Lower Upper
56 100
69 169.2 25.3 37.9#
84 161.2 71.4 107.0#

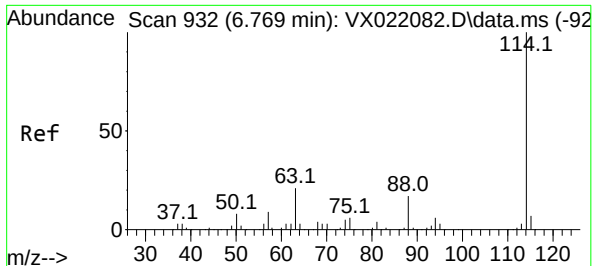


#33
1,2-Dichloroethane-d4
Concen: 54.697 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27



Tgt Ion: 65 Resp: 48914
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

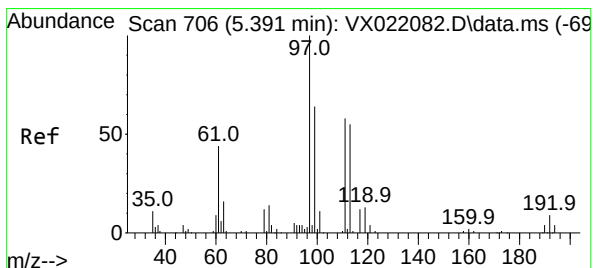
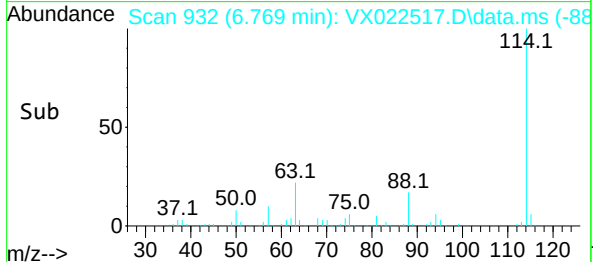
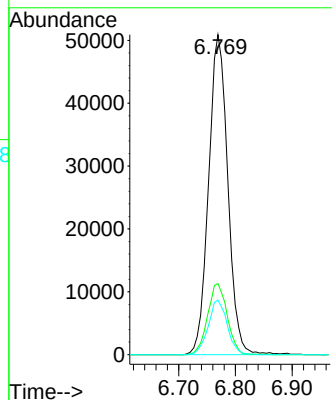
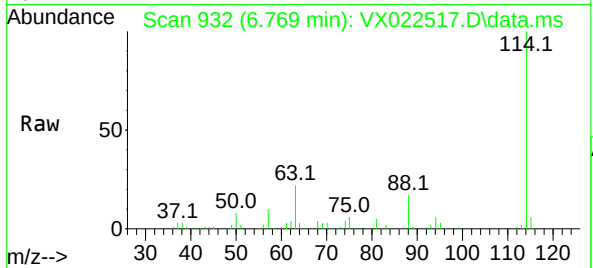




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

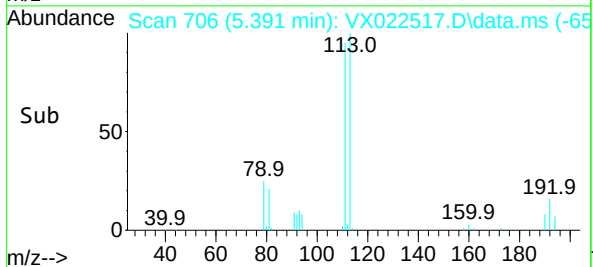
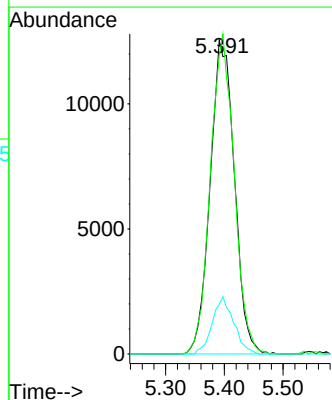
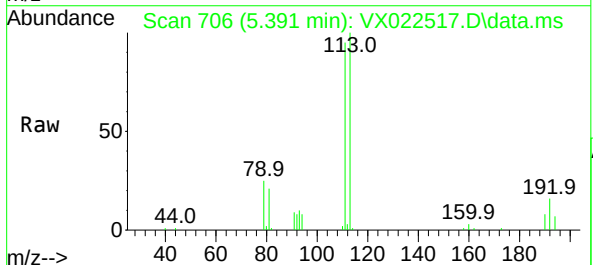
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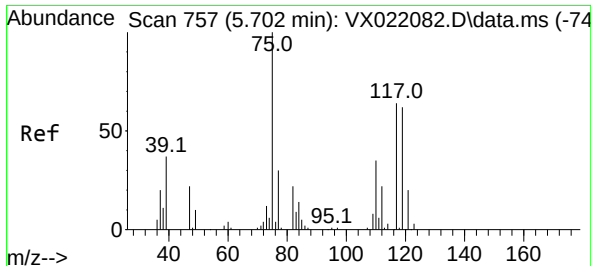
Tgt Ion:114 Resp: 119763
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.465 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

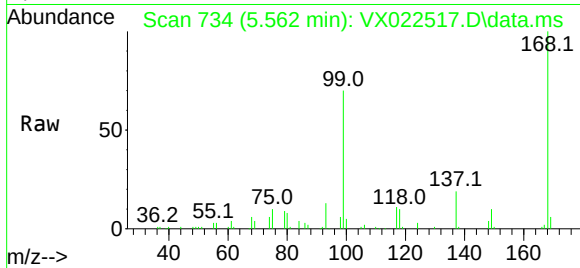
Tgt Ion:113 Resp: 36049
Ion Ratio Lower Upper
113 100
111 100.1 81.9 122.9
192 16.1 16.7 25.1#



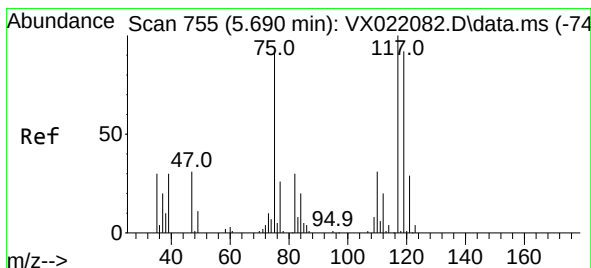
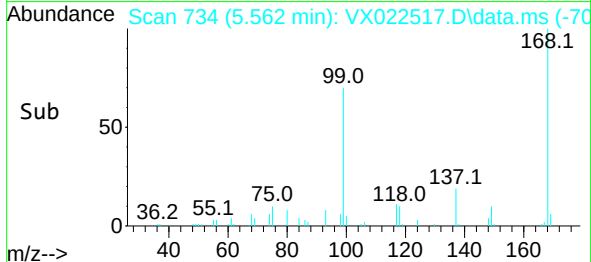
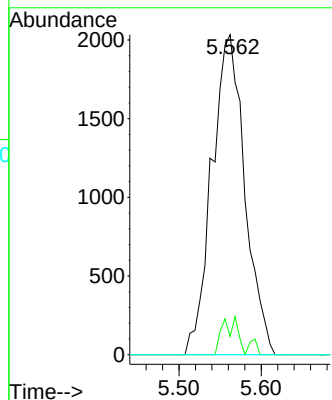


#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

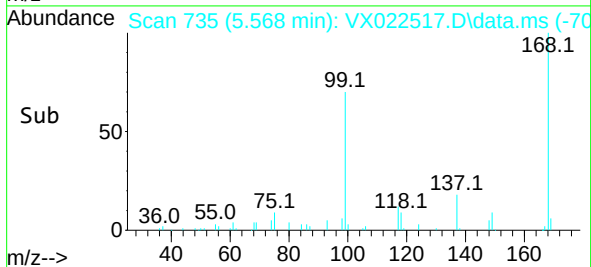
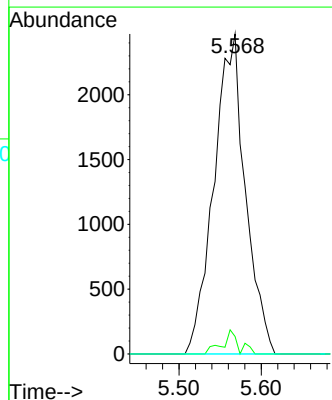
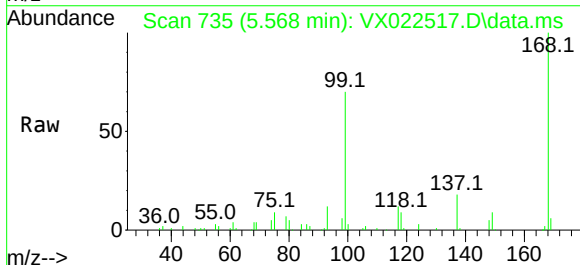


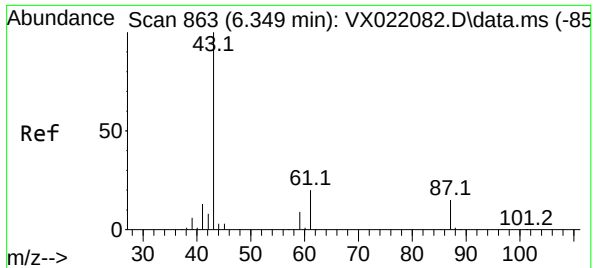
Tgt Ion: 75 Resp: 5672
Ion Ratio Lower Upper
75 100
110 5.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.068 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 117 Resp: 6574
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

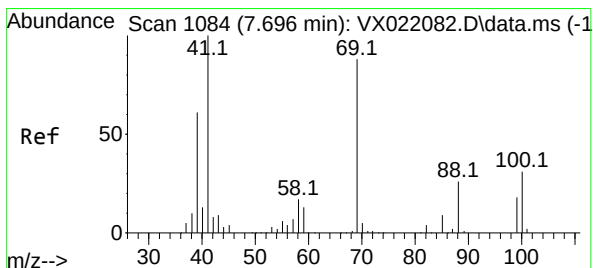
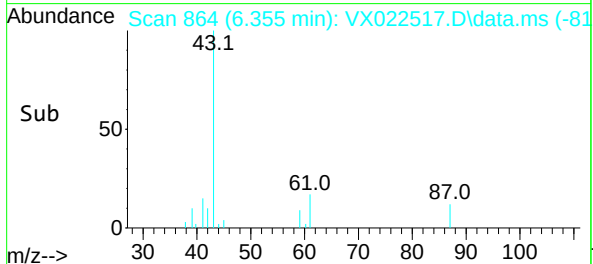
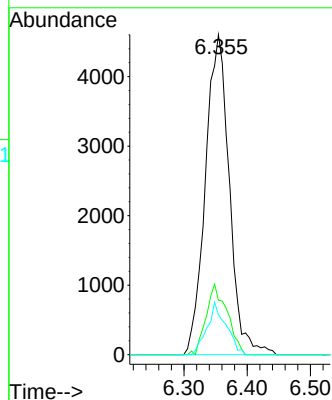
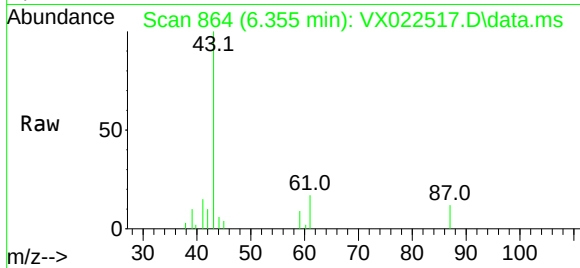




#43
Isopropyl Acetate
Concen: 5.452 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

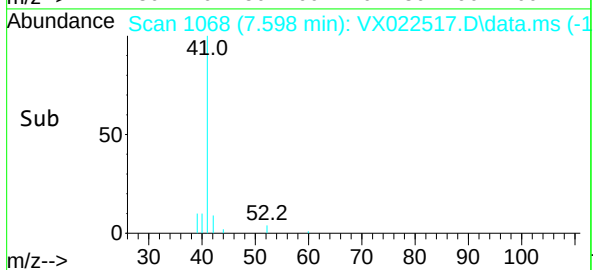
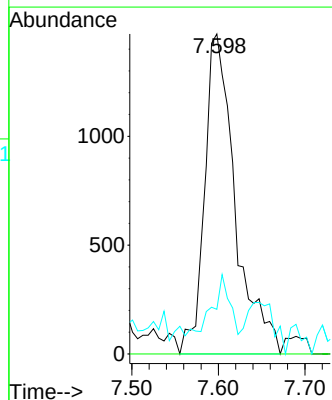
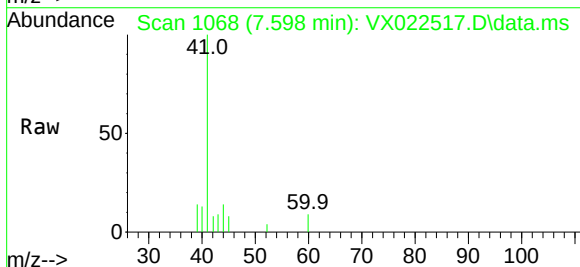
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

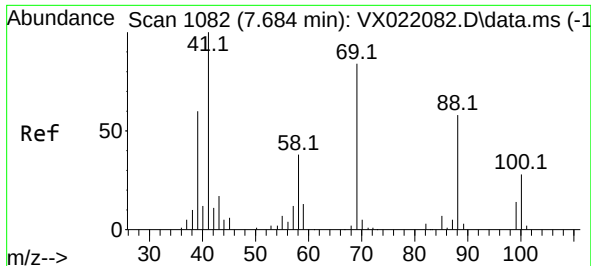
Tgt Ion: 43	Resp: 12107
Ion Ratio	Lower Upper
43 100	
61 19.3	18.2 27.4
87 13.1	12.5 18.7



#48
Methyl methacrylate
Concen: 3.522 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 41	Resp: 3604
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: 2.459 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX022517.D

Acq: 07 Jun 2021 07:27

Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 1362591.8 23.2 34.8#

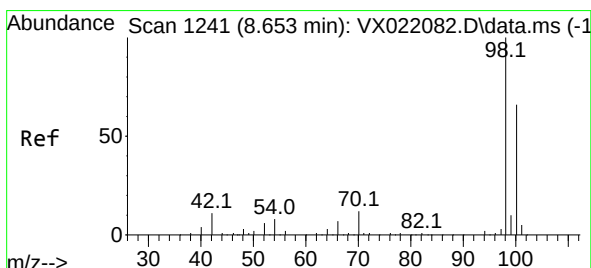
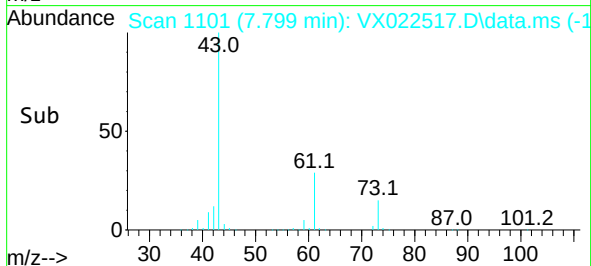
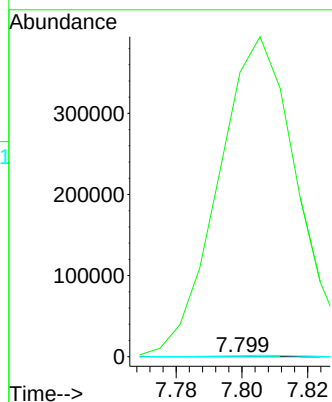
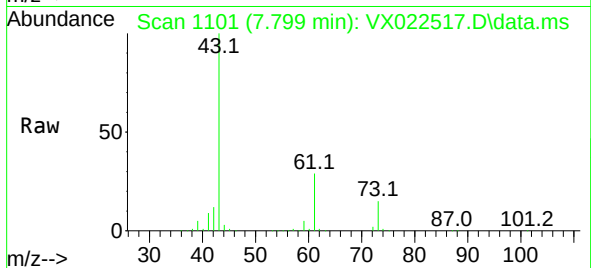
58 5689.8 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#11



#50

Toluene-d8

Concen: 50.588 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022517.D

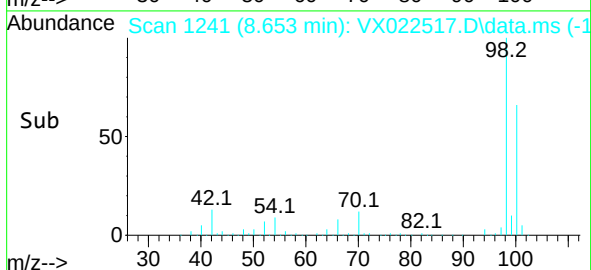
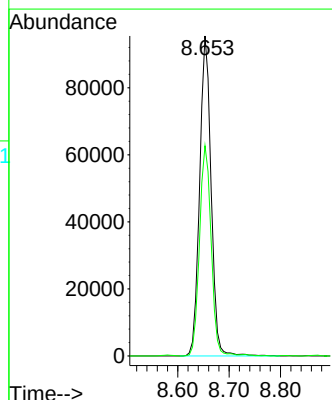
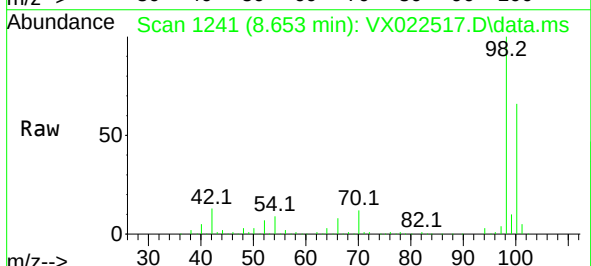
Acq: 07 Jun 2021 07:27

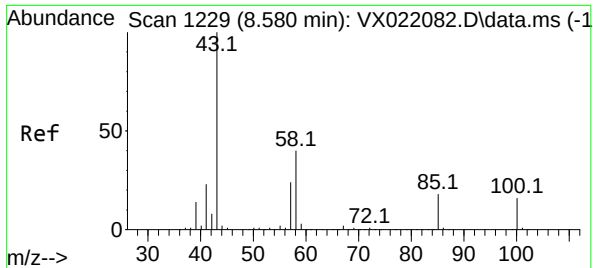
Tgt Ion: 98 Resp: 148000

Ion Ratio Lower Upper

98 100

100 66.5 51.9 77.9

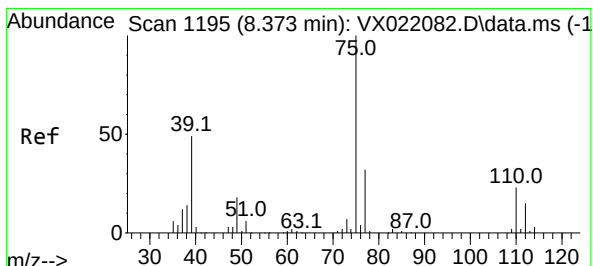
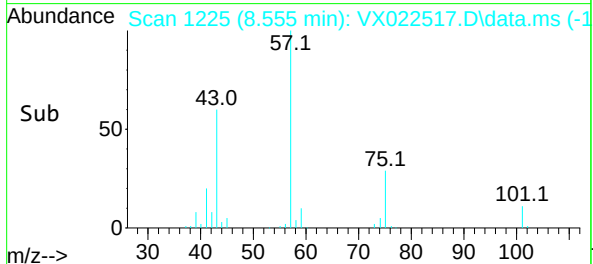
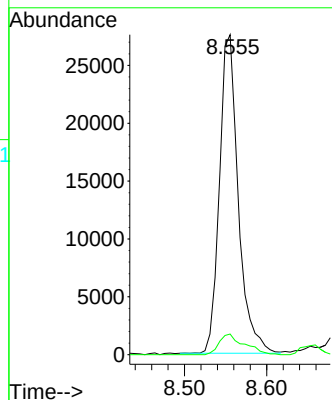
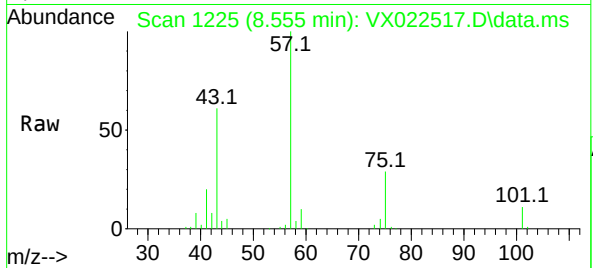




#51
4-Methyl-2-Pentanone
Concen: 32.918 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

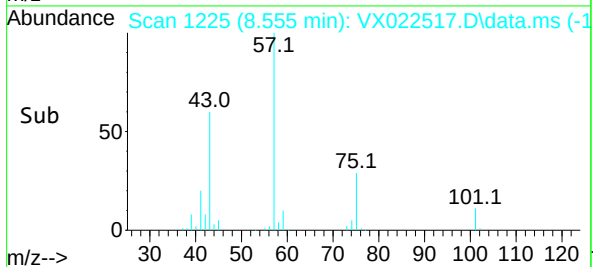
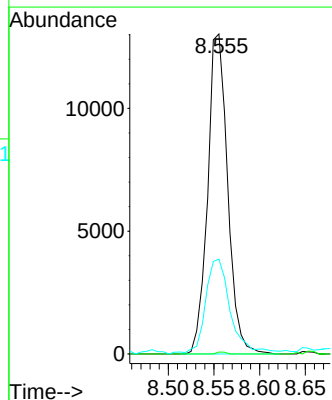
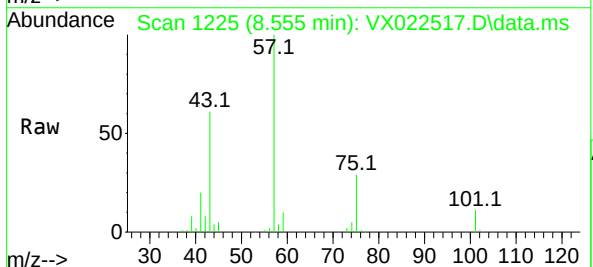
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

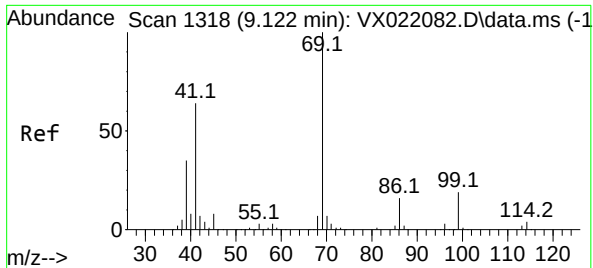
Tgt Ion: 43 Resp: 43785
Ion Ratio Lower Upper
43 100
58 8.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.595 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 75 Resp: 19909
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 29.0 35.1 52.7#

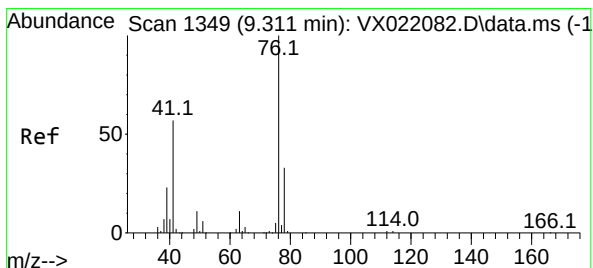
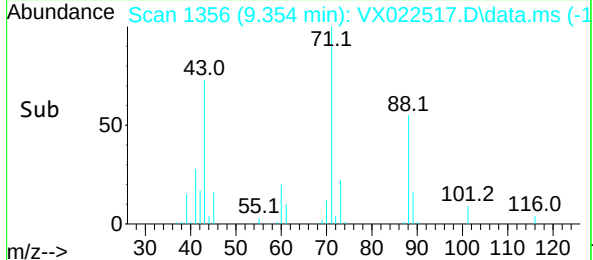
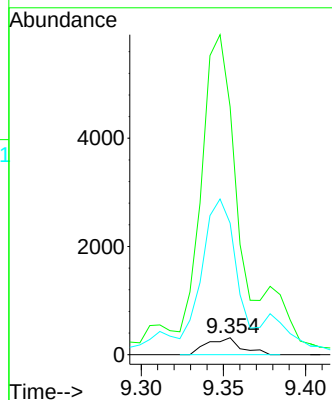
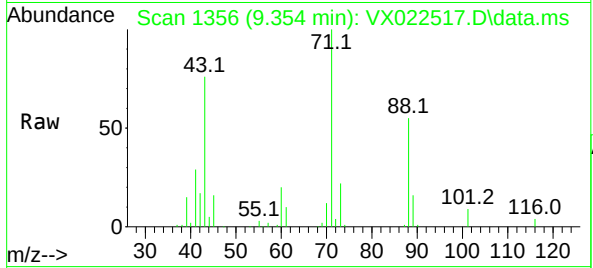




#56
Ethyl methacrylate
Concen: 0.316 ug/l
RT: 9.354 min Scan# 1356
Delta R.T. 0.232 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

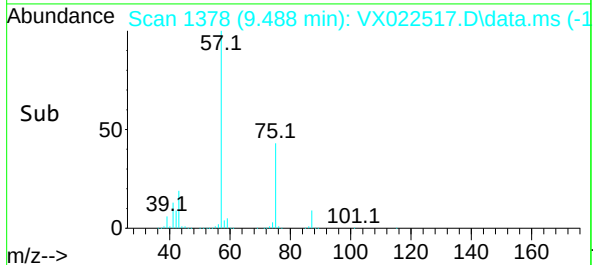
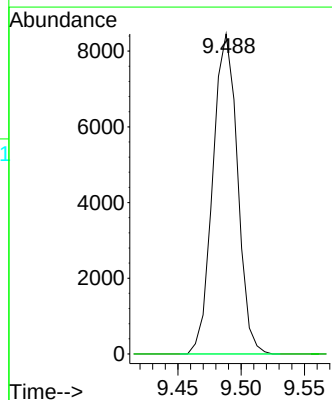
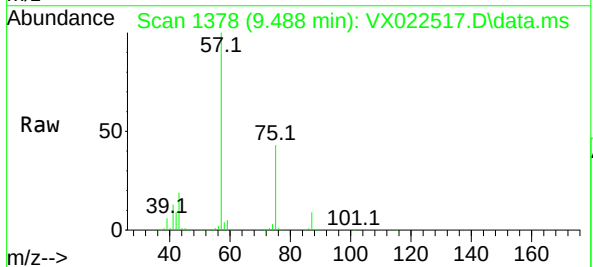
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

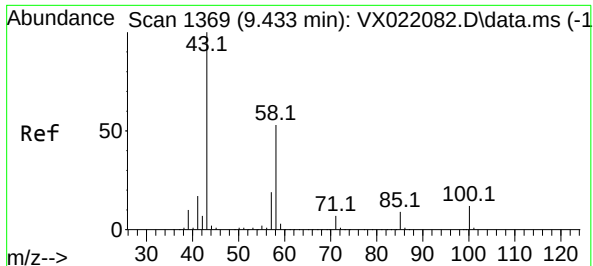
Tgt Ion: 69 Resp: 447
Ion Ratio Lower Upper
69 100
41 2061.5 46.8 70.2#
39 957.9 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.669 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 76 Resp: 11470
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

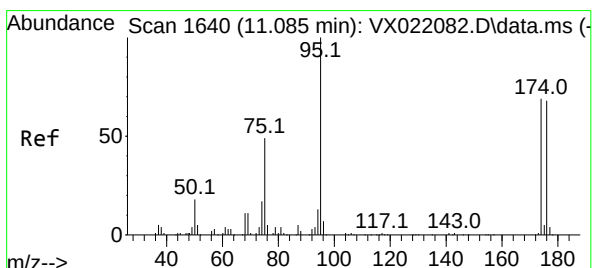
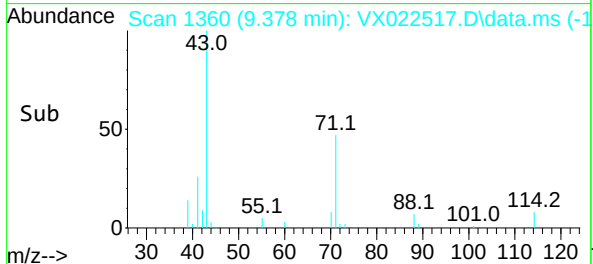
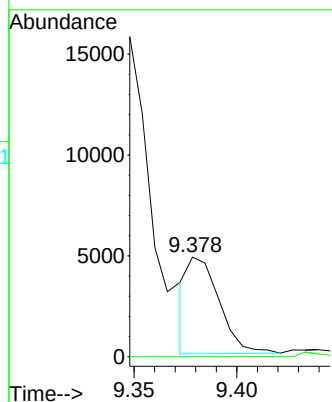
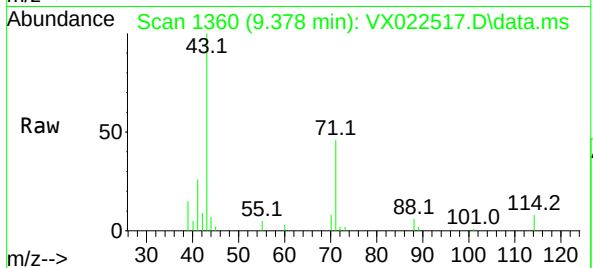




#59
2-Hexanone
Concen: 5.137 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

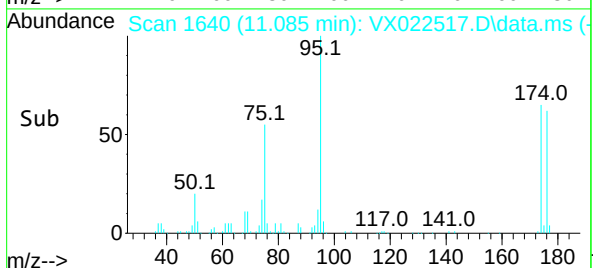
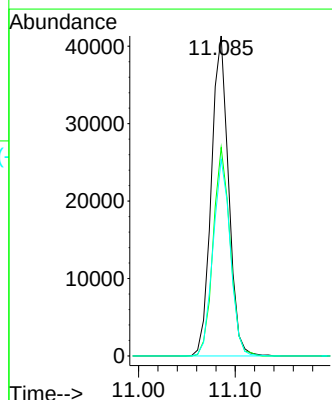
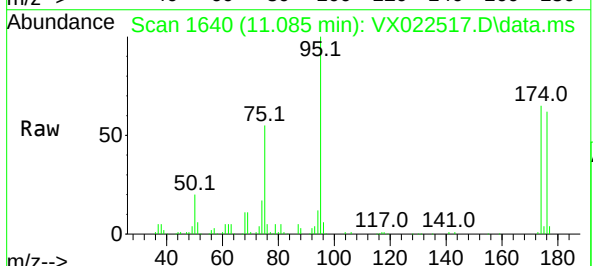
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

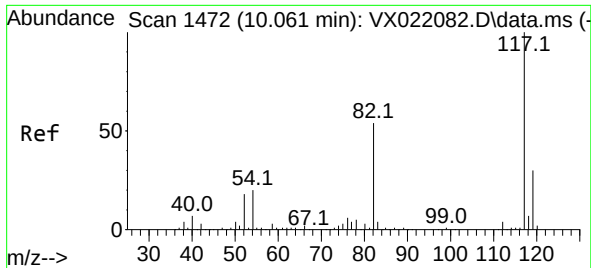
Tgt Ion: 43 Resp: 5139
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.149 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion: 95 Resp: 50985
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 61.8 0.0 155.8

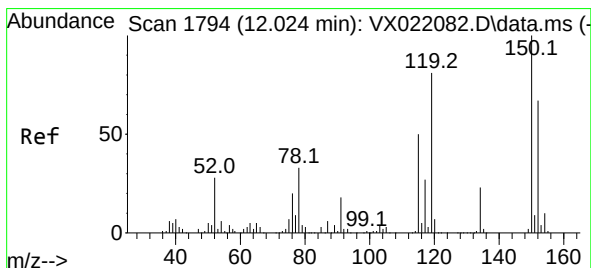
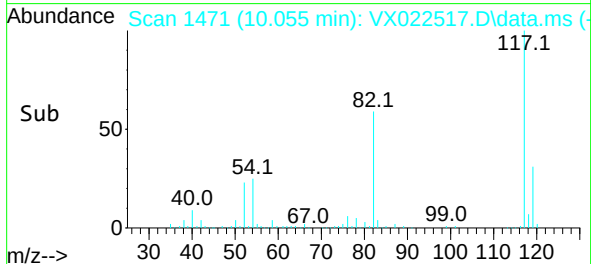
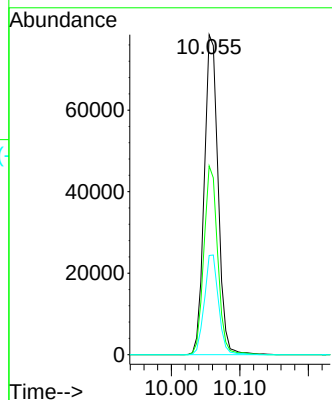
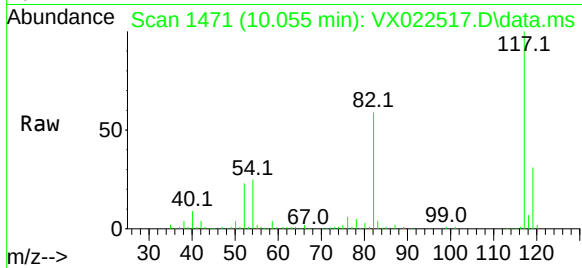




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

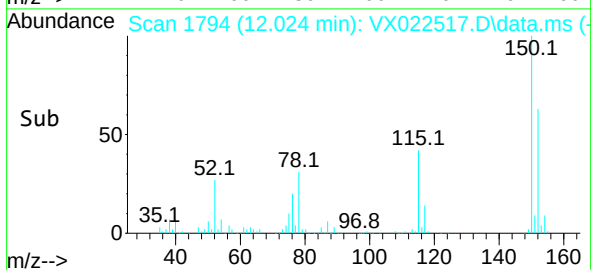
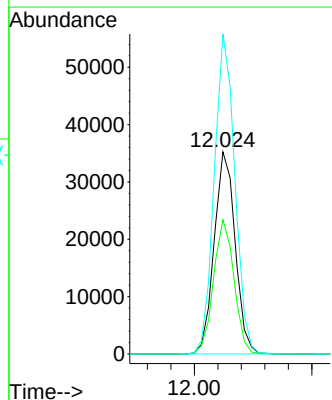
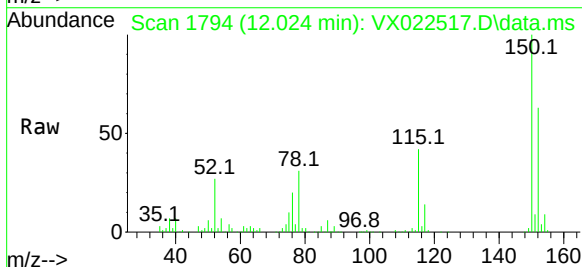
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

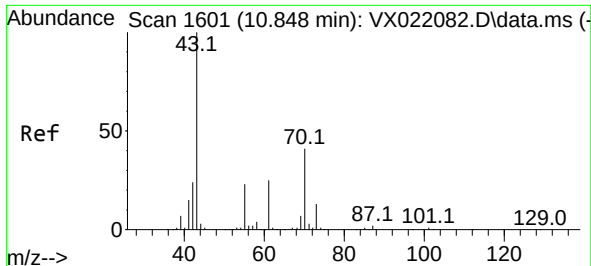
Tgt Ion:117 Resp: 110211
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

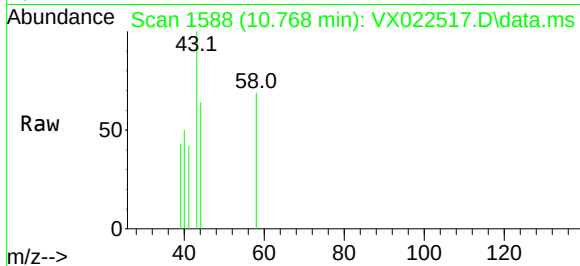
Tgt Ion:152 Resp: 43708
Ion Ratio Lower Upper
152 100
115 64.9 41.1 123.3
150 155.5 0.0 349.0



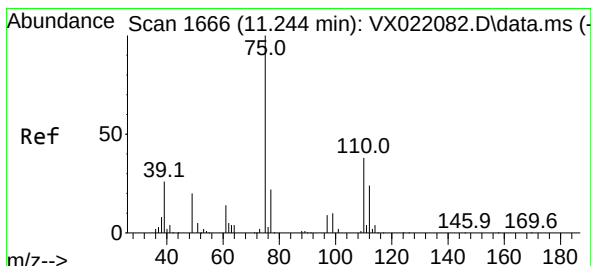
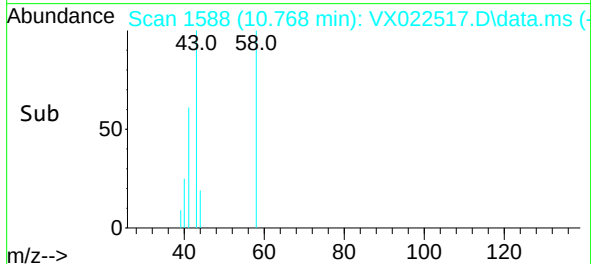
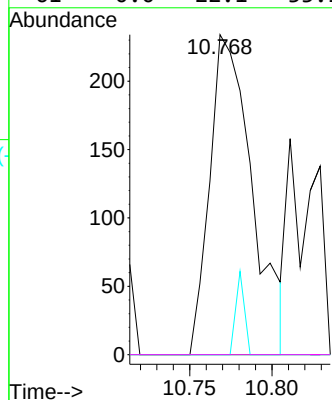


#74
N-amy1 acetate
Concen: 0.239 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#11

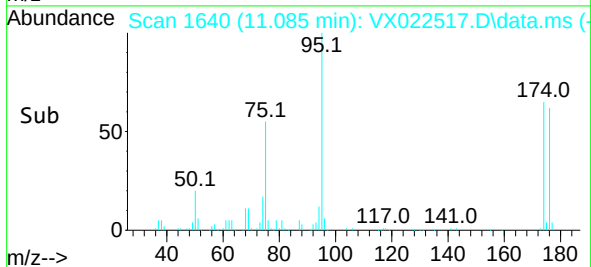
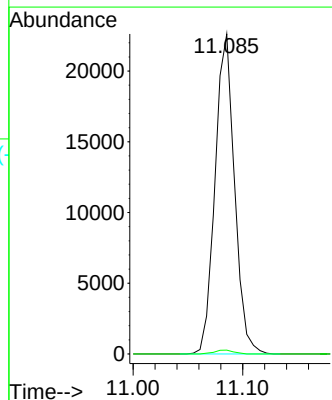
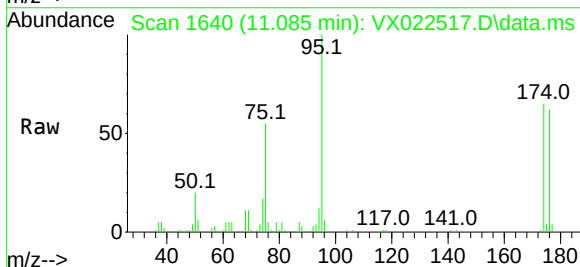


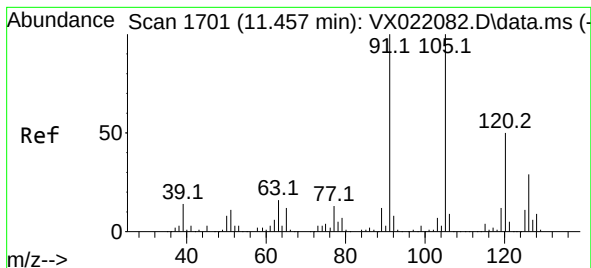
Tgt Ion:	43	Resp:	419
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	5.3	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 25.899 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022517.D
Acq: 07 Jun 2021 07:27

Tgt Ion:	75	Resp:	27927
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.753 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX022517.D

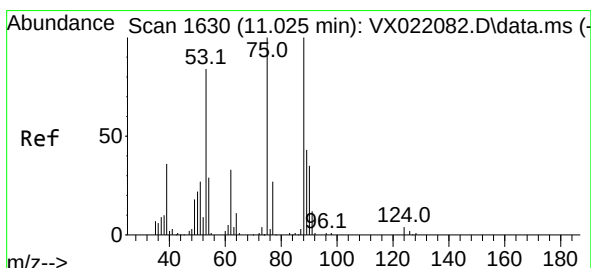
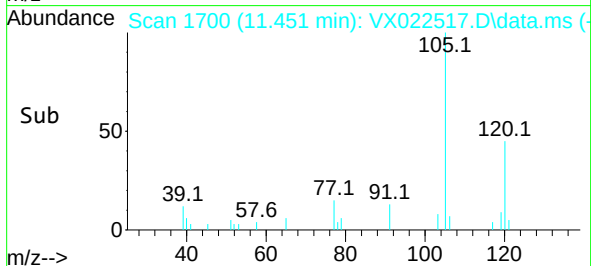
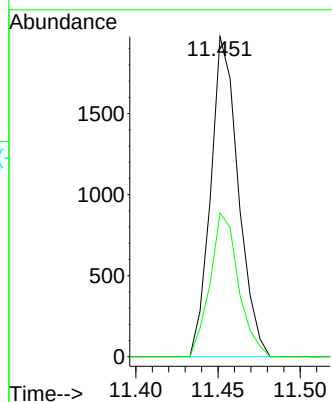
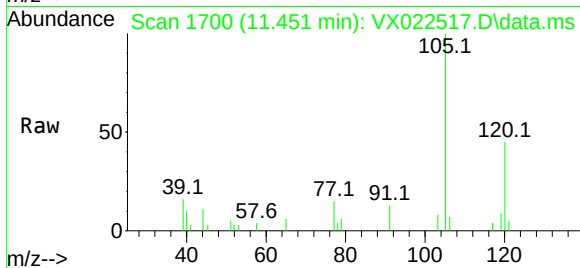
Acq: 07 Jun 2021 07:27

Tgt Ion:105 Resp: 2309

Ion Ratio Lower Upper

105 100

120 46.1 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 61.365 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022517.D

Acq: 07 Jun 2021 07:27

Tgt Ion: 75 Resp: 27927

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

