

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023821.D
 Acq On : 18 Aug 2021 17:01
 Operator : JC/MD
 Sample : PB138522ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

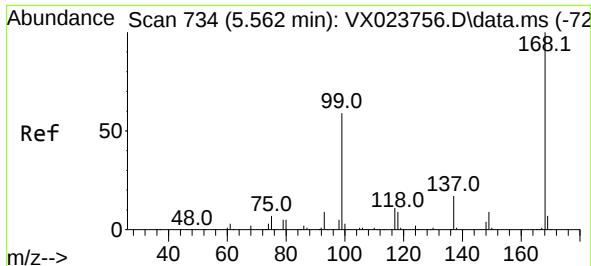
Instrument :
 MSVOA_X
 ClientSampleId :
 PB138522ZHE#06

Quant Time: Aug 19 04:20:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	127058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	212594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	92885	52.379	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.760%			
35) Dibromofluoromethane	5.397	113	72496	49.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	8.653	98	278930	50.183	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.085	95	94362	46.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.240%			
Target Compounds					Qvalue	
6) Chloroethane	1.648	64	135	2.325	ug/l #	43
11) Tert butyl alcohol	2.959	59	1124	3.134	ug/l #	73
16) Acetone	2.386	43	6357	8.017	ug/l	91
18) Methyl Acetate	2.715	43	1401	0.708	ug/l #	66
20) Methylene Chloride	2.794	84	10602	7.000	ug/l	89
25) 2-Butanone	4.580	43	3491	2.907	ug/l #	82
29) Tetrahydrofuran	5.032	42	806	1.036	ug/l #	56
31) Cyclohexane	5.562	56	3121	1.370	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10202	4.993	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13488	6.330	ug/l #	17
43) Isopropyl Acetate	6.348	43	20998	5.345	ug/l	93
48) Methyl methacrylate	7.604	41	6519	3.401	ug/l #	10
49) 1,4-Dioxane	7.805	88	107	2.642	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	78625	30.960	ug/l #	43
54) cis-1,3-Dichloropropene	8.555	75	33406	13.649	ug/l #	71
56) Ethyl methacrylate	9.019	69	133	0.807	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	20454	7.651	ug/l #	42
59) 2-Hexanone	9.488	43	310432	159.022	ug/l #	42
74) N-amyl acetate	10.774	43	821	0.295	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	49406	26.252	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49406	77.222	ug/l #	12
95) Naphthalene	13.780	128	115	1.301	ug/l #	69

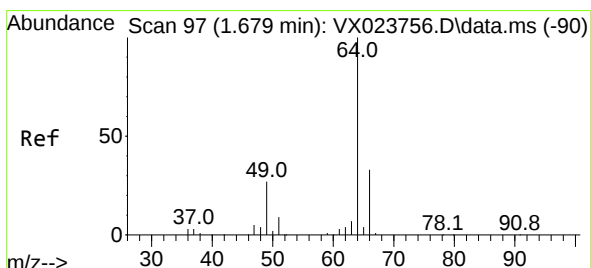
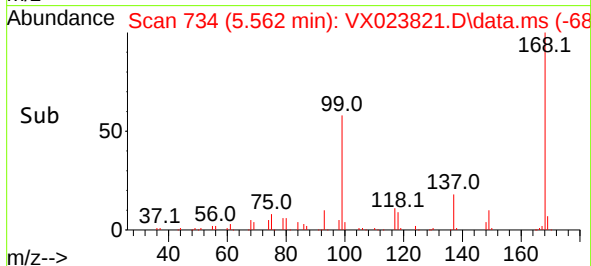
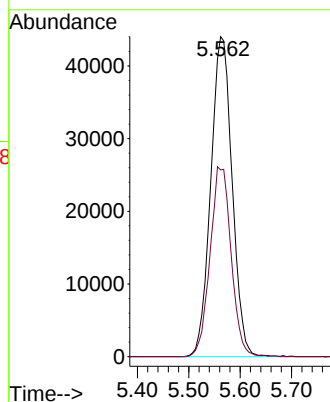
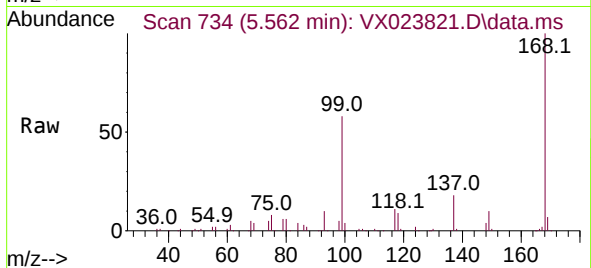
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

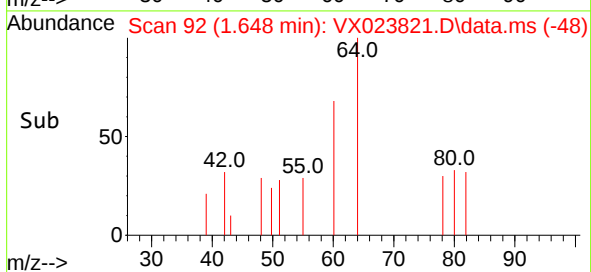
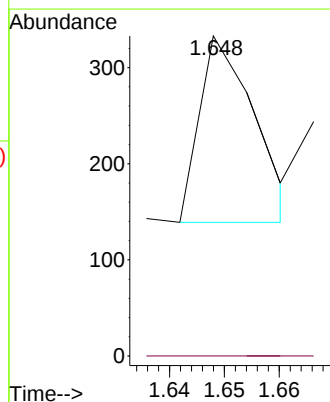
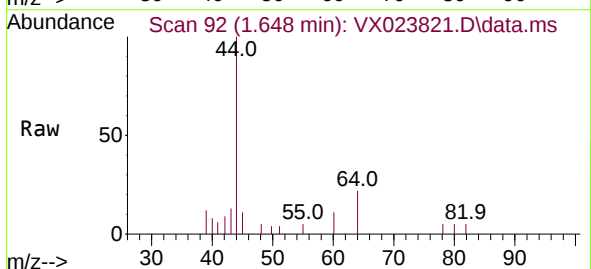
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

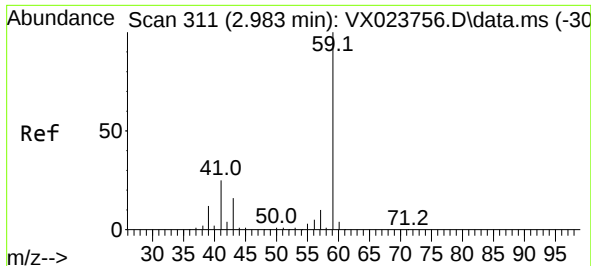
Tgt Ion:168 Resp: 127058
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#6
Chloroethane
Concen: 2.325 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



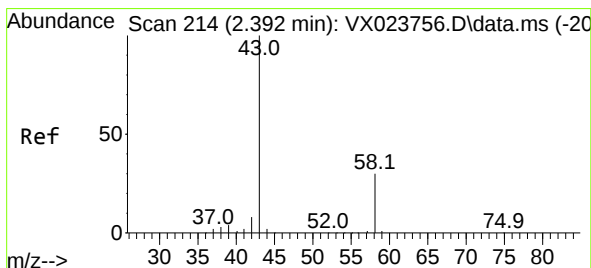
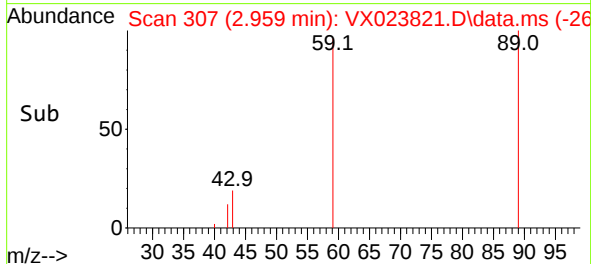
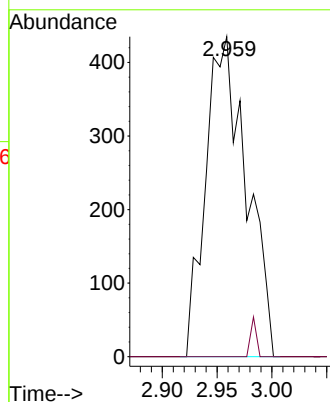
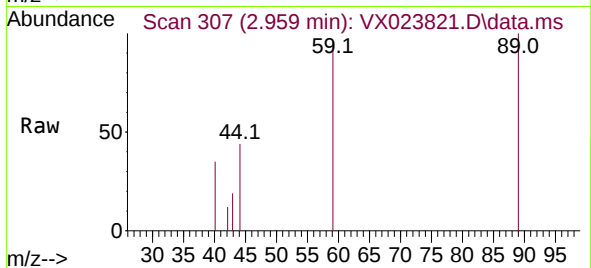


#11

Tert butyl alcohol
Concen: 3.134 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

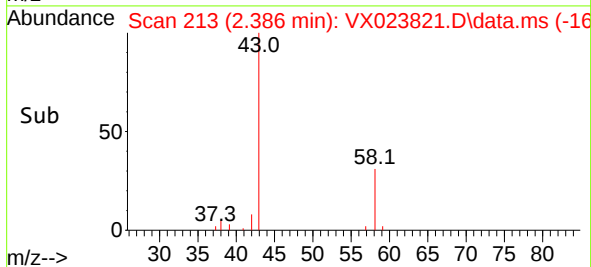
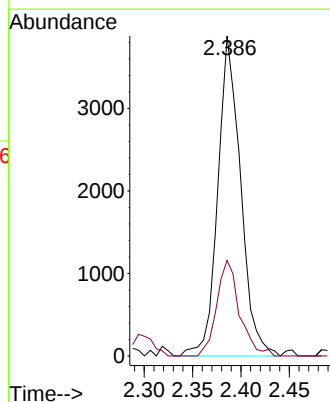
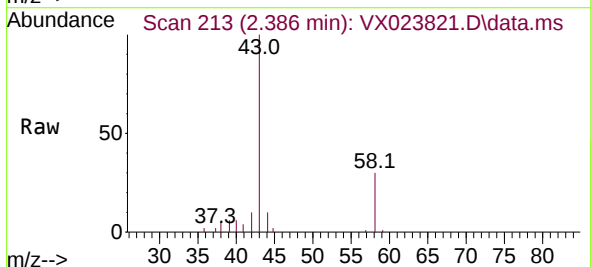
Tgt Ion: 59 Resp: 1124
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

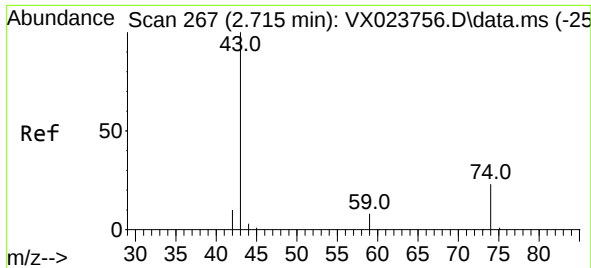


#16

Acetone
Concen: 8.017 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8





#18

Methyl Acetate

Concen: 0.708 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX023821.D

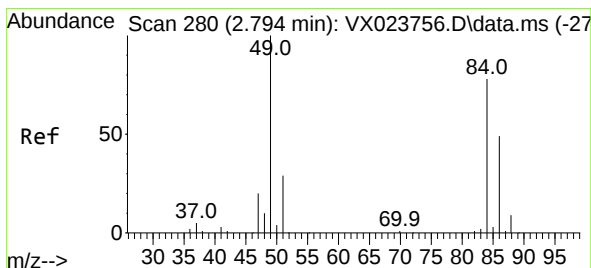
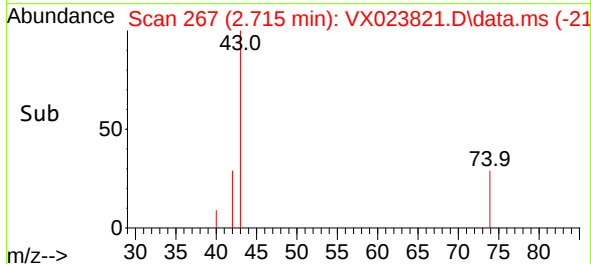
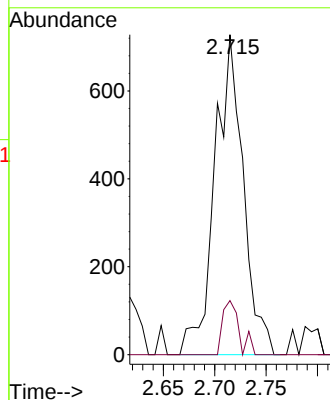
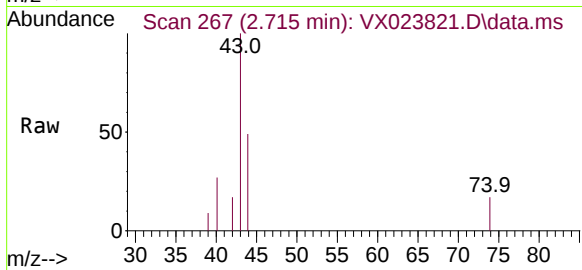
Acq: 18 Aug 2021 17:01

Tgt Ion: 43 Resp: 1401

Ion Ratio Lower Upper

43 100

74 9.7 21.9 32.9#



#20

Methylene Chloride

Concen: 7.000 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023821.D

Acq: 18 Aug 2021 17:01

Tgt Ion: 84 Resp: 10602

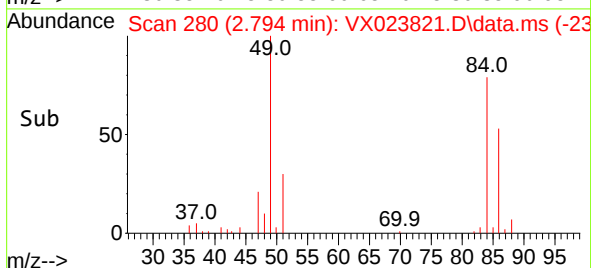
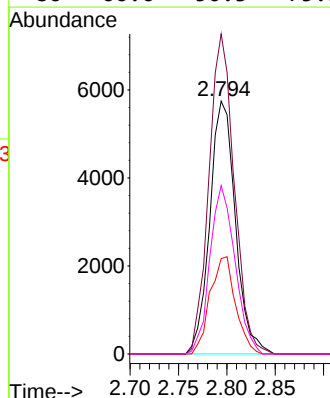
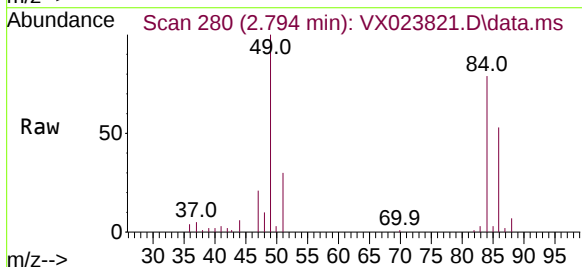
Ion Ratio Lower Upper

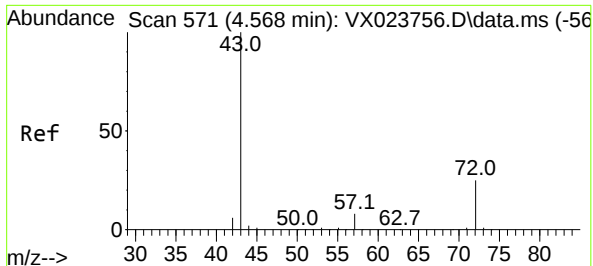
84 100

49 126.6 88.6 132.8

51 37.7 27.0 40.6

86 66.6 50.3 75.5

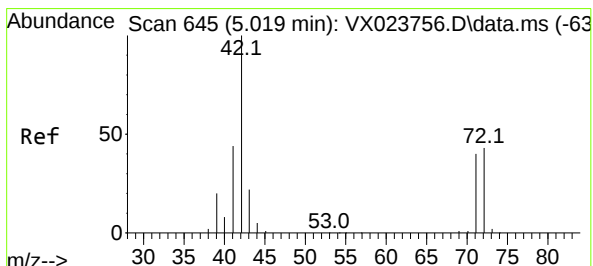
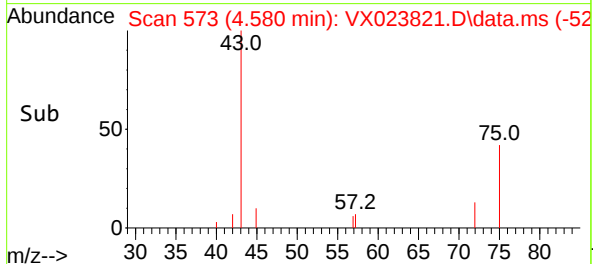
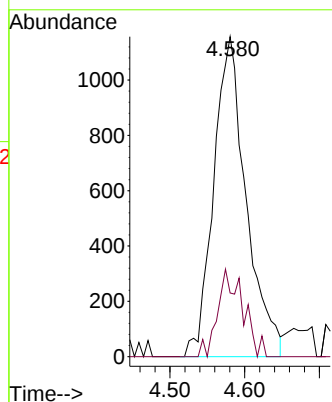
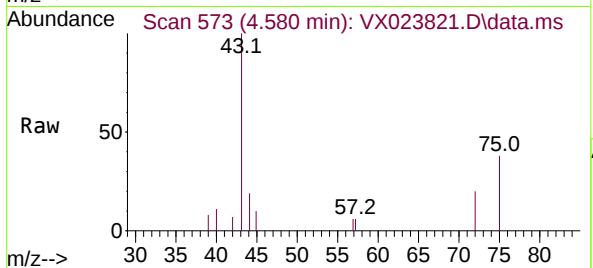




#25
2-Butanone
Concen: 2.907 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

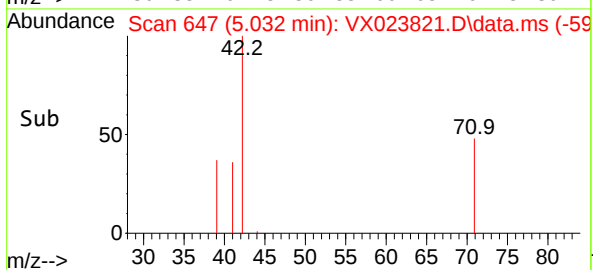
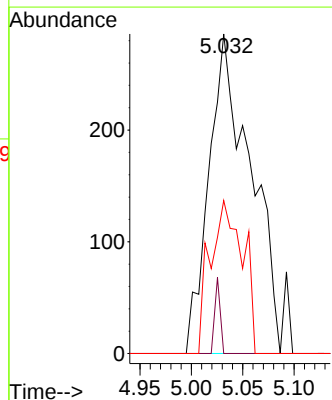
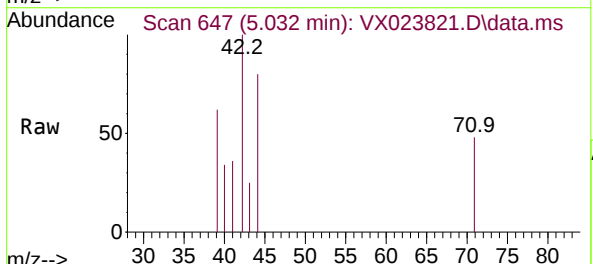
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

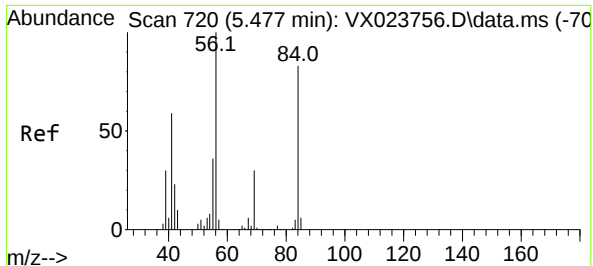
Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
72 19.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.036 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 42 Resp: 806
Ion Ratio Lower Upper
42 100
72 3.1 41.7 62.5#
71 37.3 38.4 57.6#

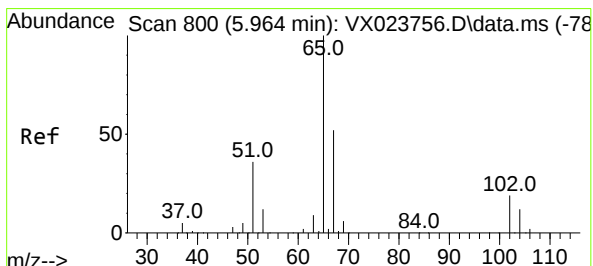
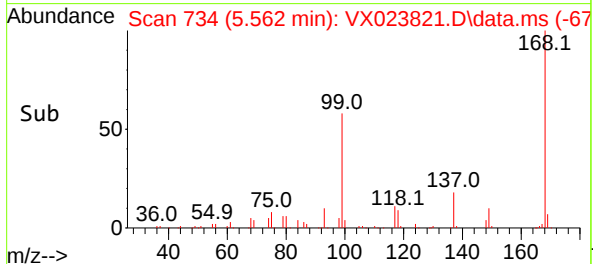
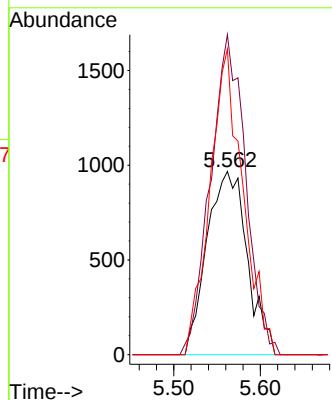
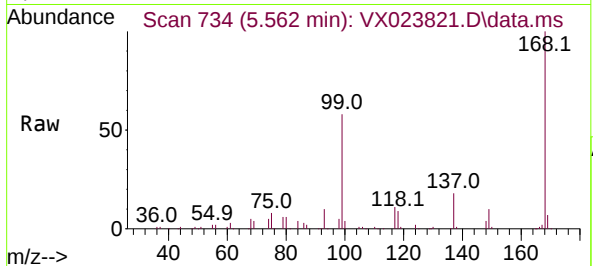




#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

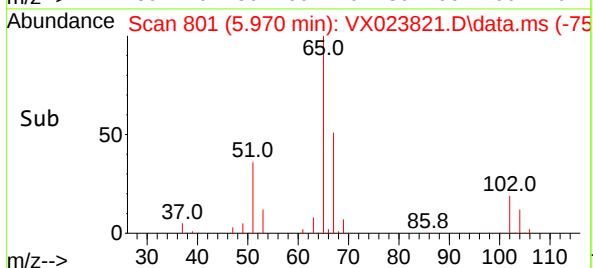
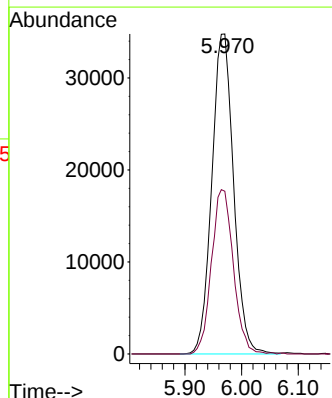
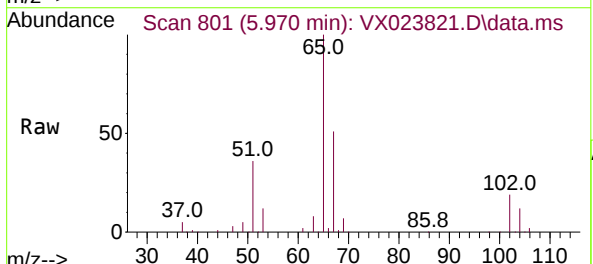
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

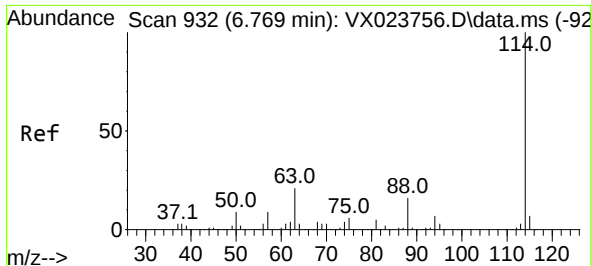
Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 174.7 25.3 37.9#
84 166.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.379 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 65 Resp: 92885
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

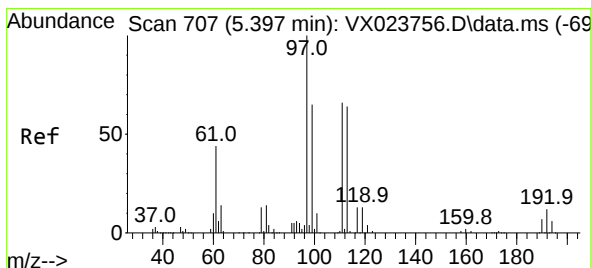
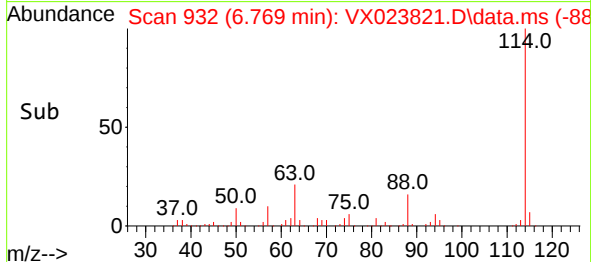
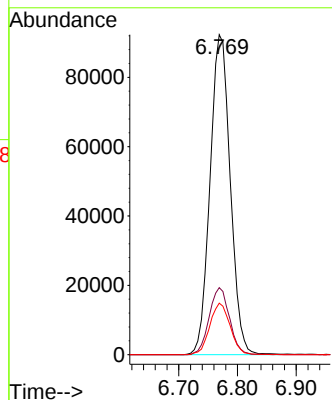
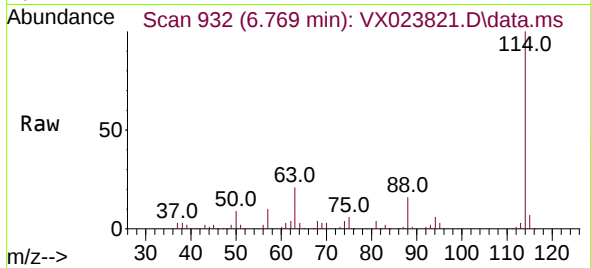




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

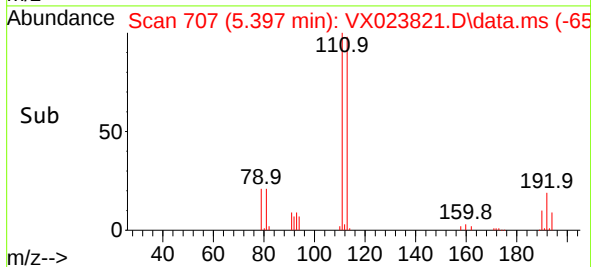
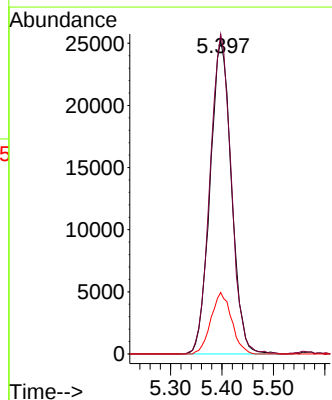
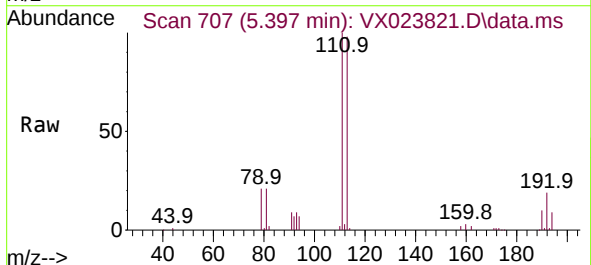
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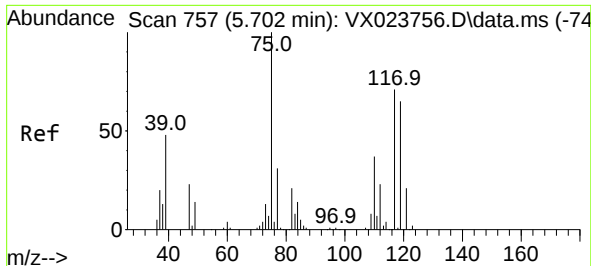
Tgt Ion:114 Resp: 220642
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion:113 Resp: 72496
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.0 16.7 25.1

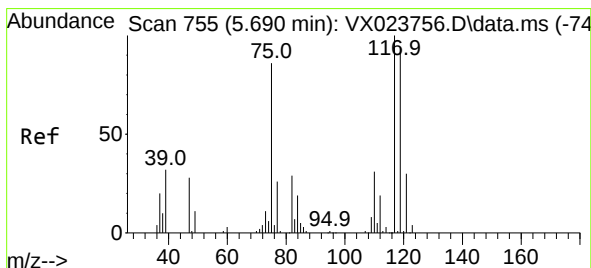
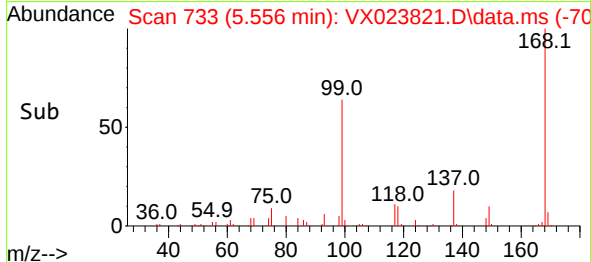
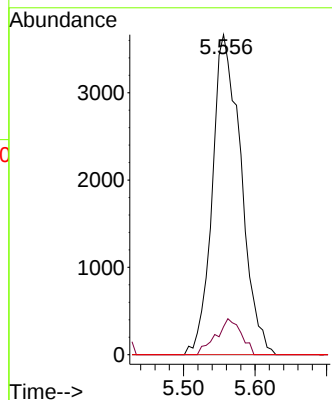
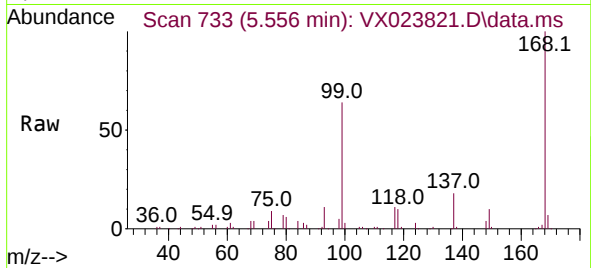




#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

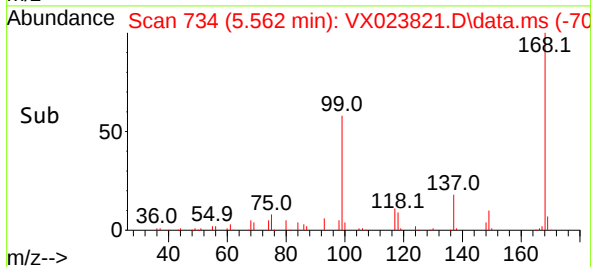
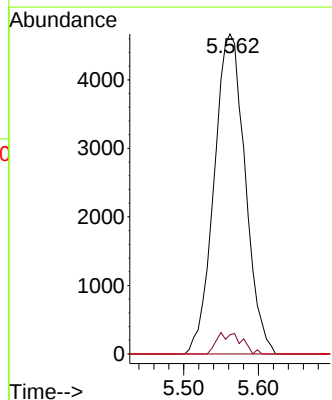
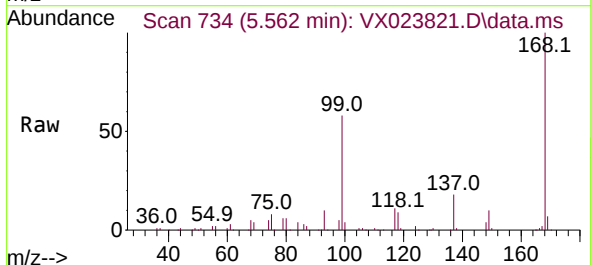
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

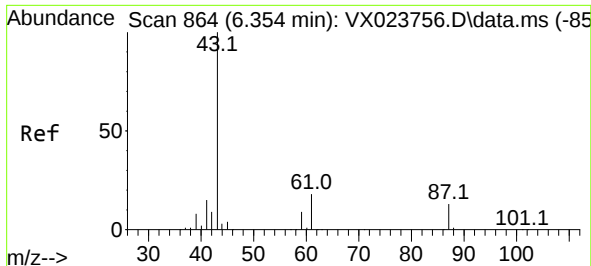
Tgt Ion: 75 Resp: 10202
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 117 Resp: 13488
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

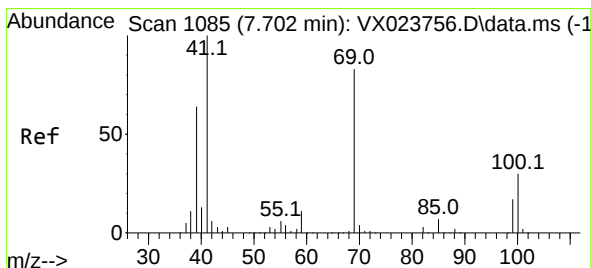
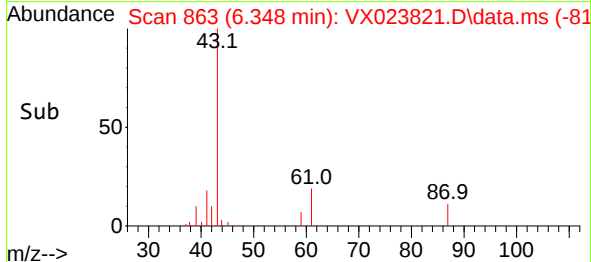
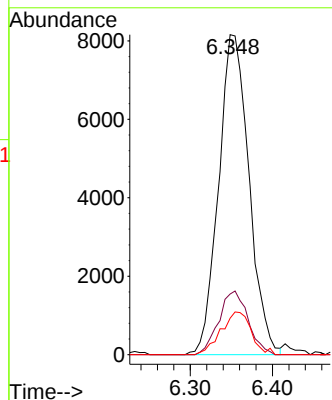
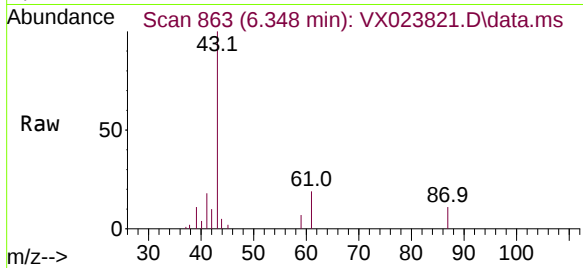




#43
Isopropyl Acetate
Concen: 5.345 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

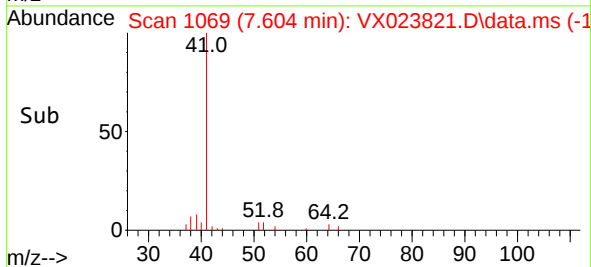
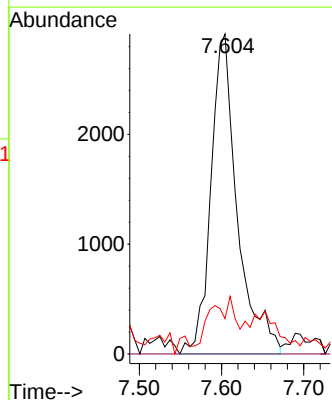
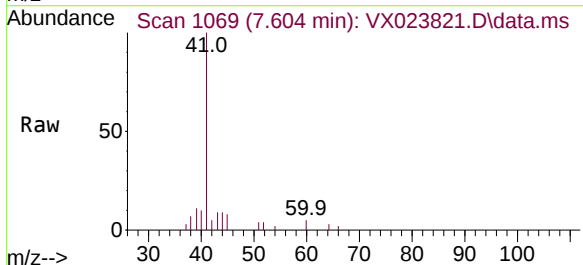
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

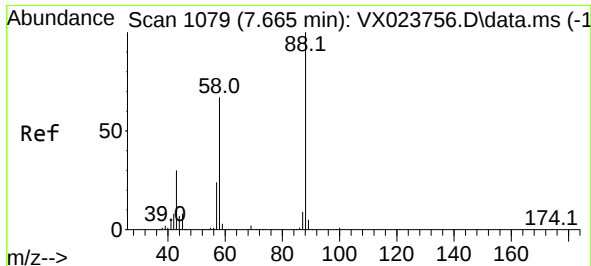
Tgt Ion: 43	Resp: 20998
Ion Ratio	Lower Upper
43 100	
61 19.2	18.2 27.4
87 13.2	12.5 18.7



#48
Methyl methacrylate
Concen: 3.401 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 41	Resp: 6519
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: 2.642 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.140 min

Lab File: VX023821.D

Acq: 18 Aug 2021 17:01

Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 1142022.4 23.2 34.8#

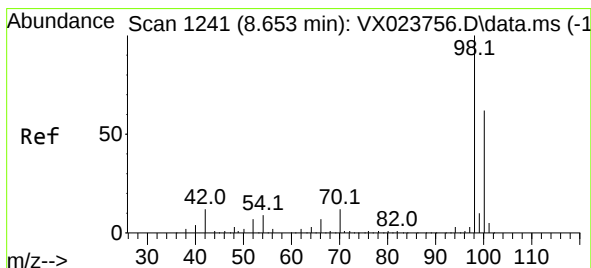
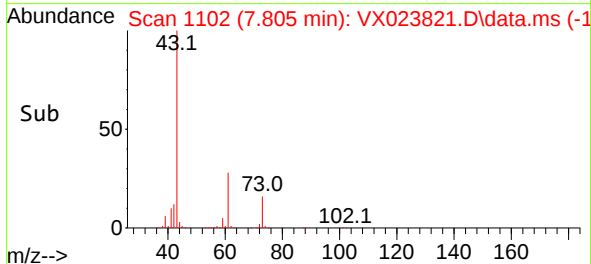
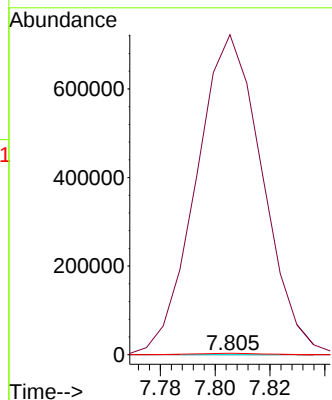
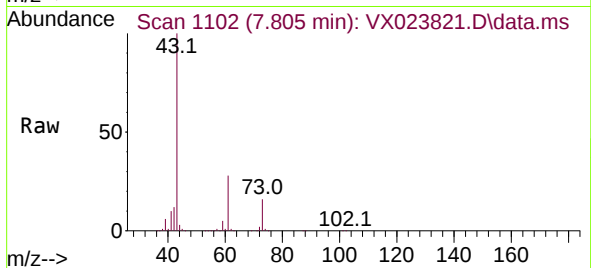
58 5085.0 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

PB138522ZHE#06



#50

Toluene-d8

Concen: 50.183 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023821.D

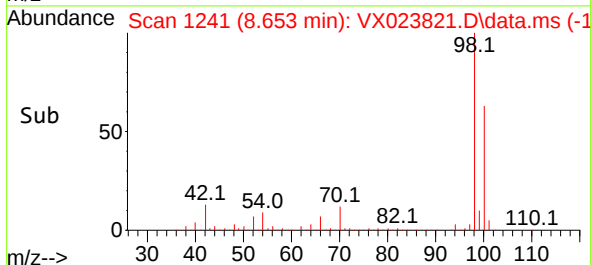
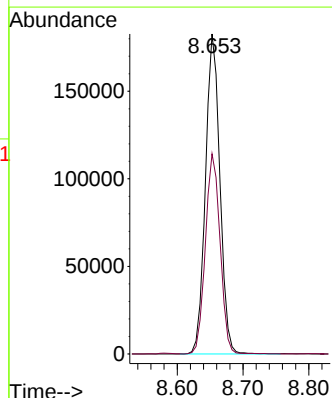
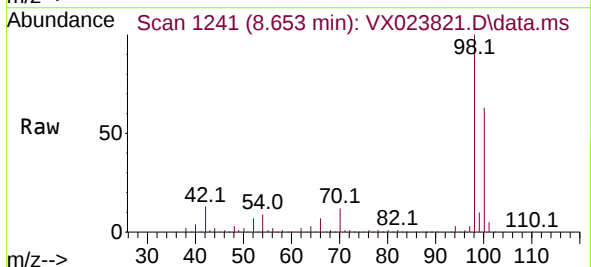
Acq: 18 Aug 2021 17:01

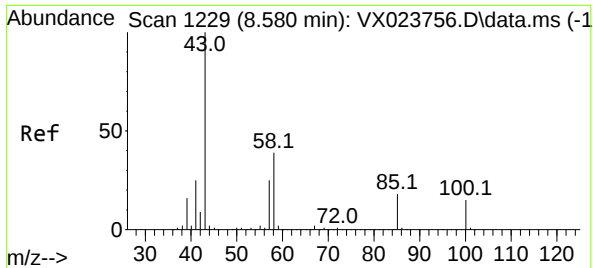
Tgt Ion: 98 Resp: 278930

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9

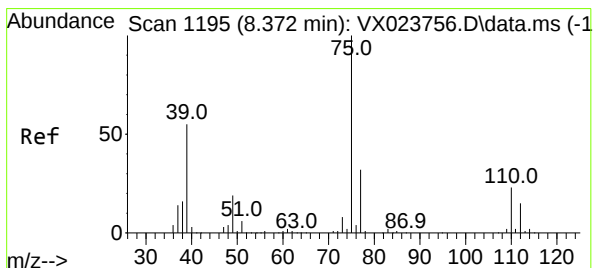
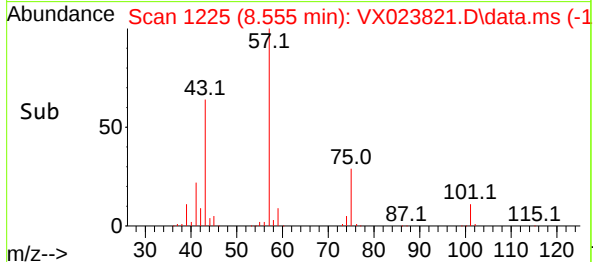
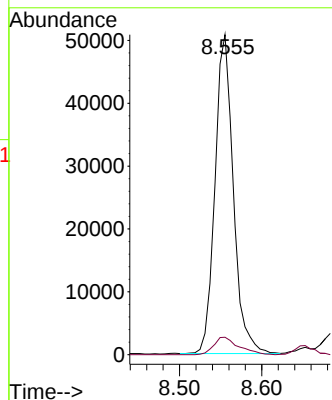
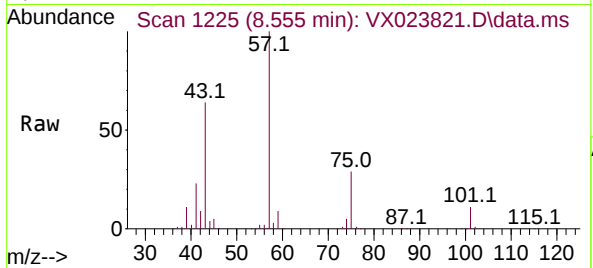




#51
4-Methyl-2-Pentanone
Concen: 30.960 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

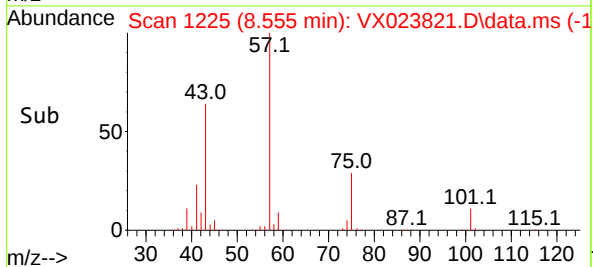
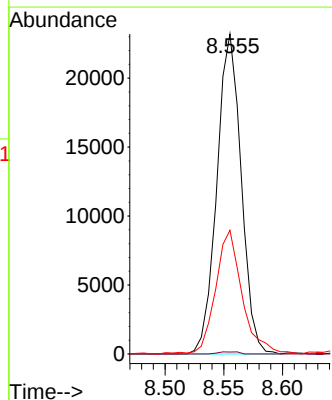
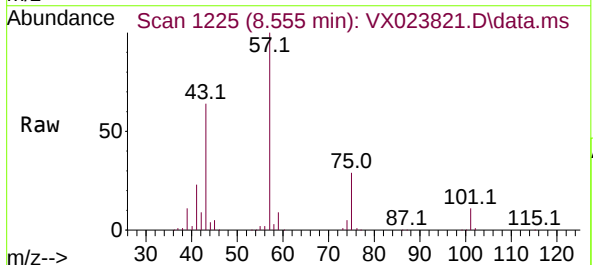
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

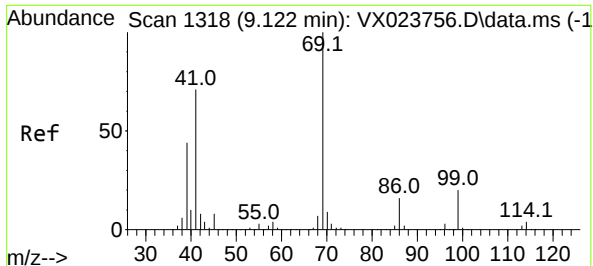
Tgt Ion: 43 Resp: 78625
Ion Ratio Lower Upper
43 100
58 7.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.649 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 75 Resp: 33406
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 38.2 35.1 52.7





#56

Ethyl methacrylate

Concen: 0.807 ug/l

RT: 9.019 min Scan# 1301

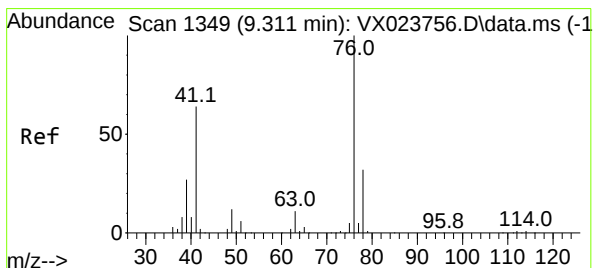
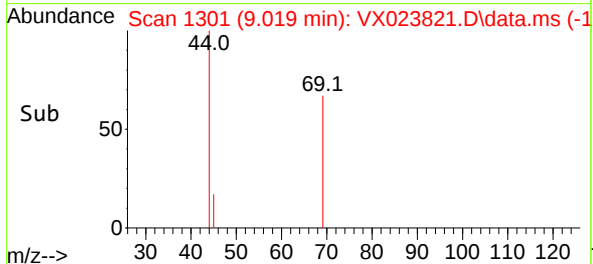
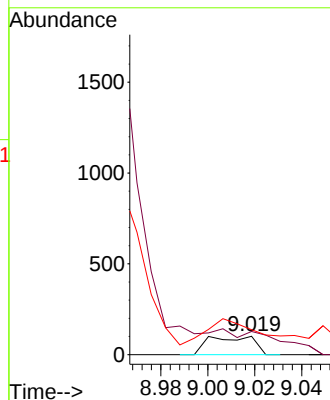
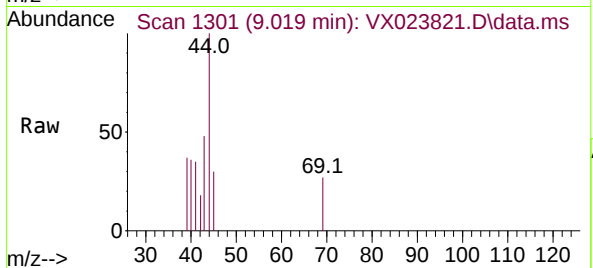
Delta R.T. -0.103 min

Lab File: VX023821.D

Acq: 18 Aug 2021 17:01

Tgt Ion:	69	Resp:	133
Ion	Ratio	Lower	Upper
69	100		
41	0.0	46.8	70.2#
39	0.0	24.7	37.1#

Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06



#57

1,3-Dichloropropane

Concen: 7.651 ug/l

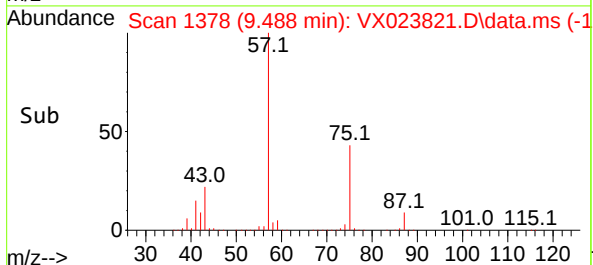
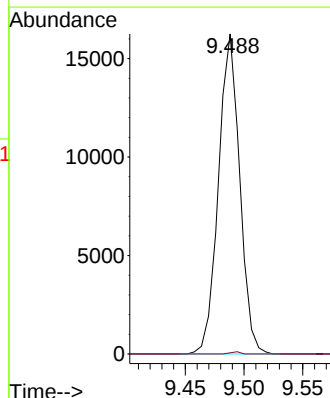
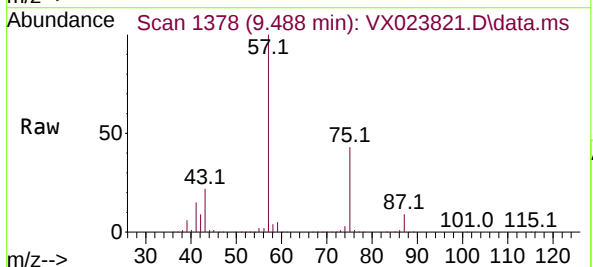
RT: 9.488 min Scan# 1378

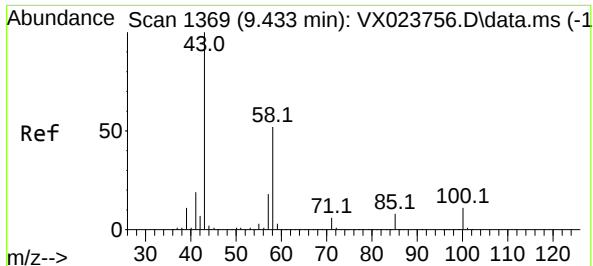
Delta R.T. 0.177 min

Lab File: VX023821.D

Acq: 18 Aug 2021 17:01

Tgt Ion:	76	Resp:	20454
Ion	Ratio	Lower	Upper
76	100		
78	0.3	26.2	39.2#

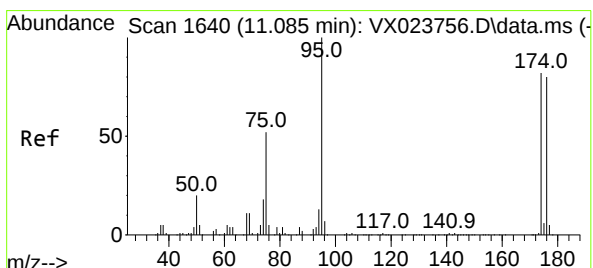
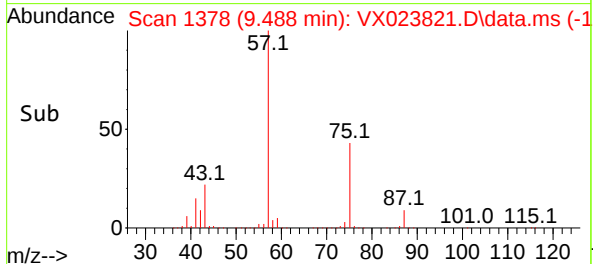
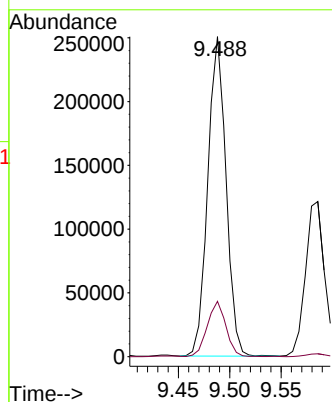
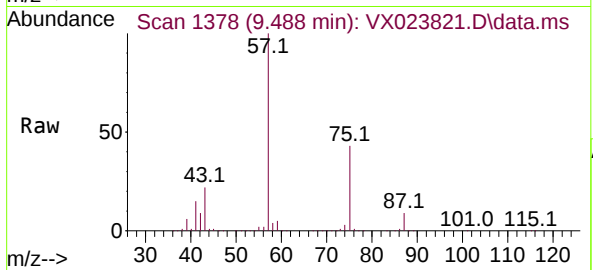




#59
2-Hexanone
Concen: 159.022 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

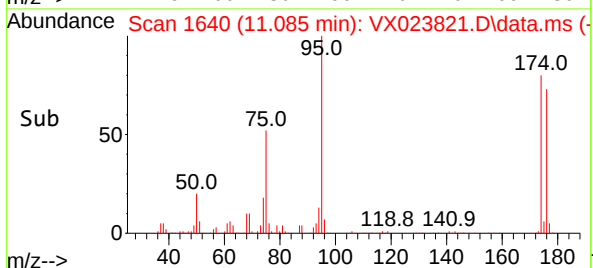
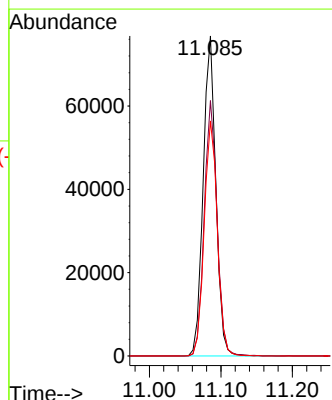
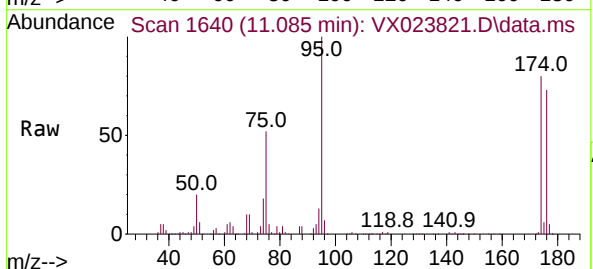
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

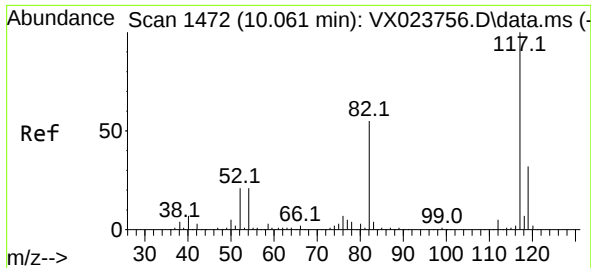
Tgt Ion: 43 Resp: 310432
Ion Ratio Lower Upper
43 100
58 17.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.117 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 95 Resp: 94362
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 76.1 0.0 155.8

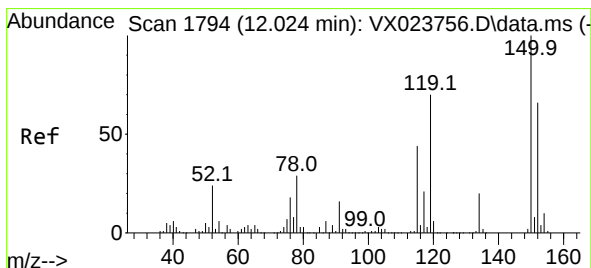
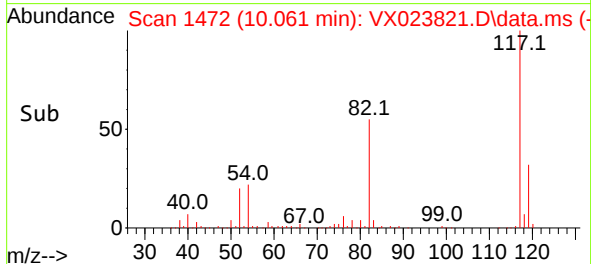
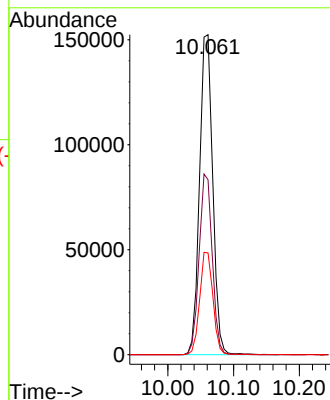
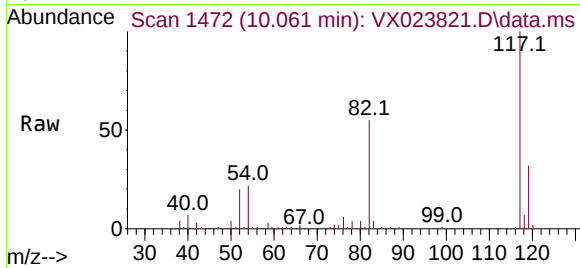




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

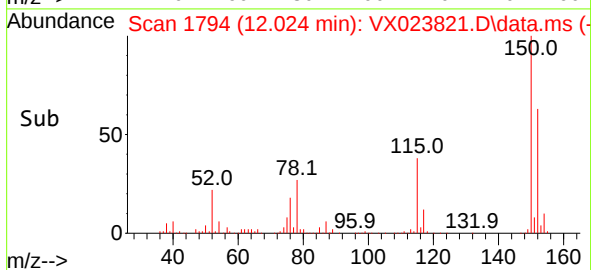
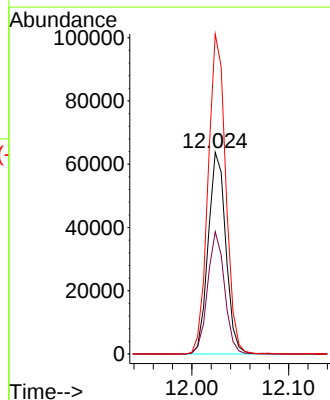
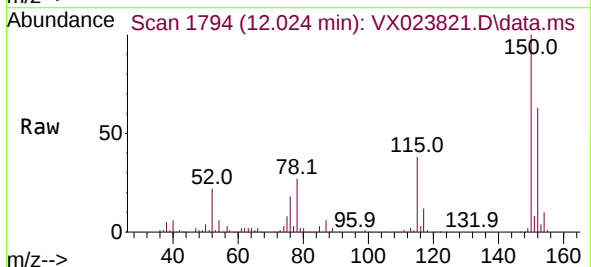
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

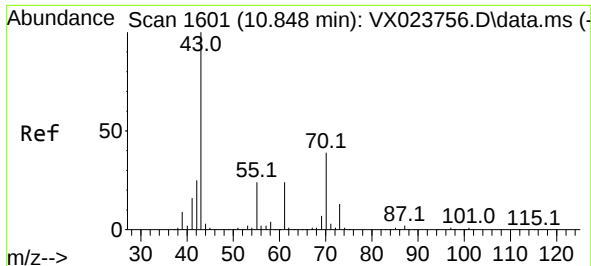
Tgt Ion:117 Resp: 212594
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion:152 Resp: 80677
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 159.0 0.0 349.0

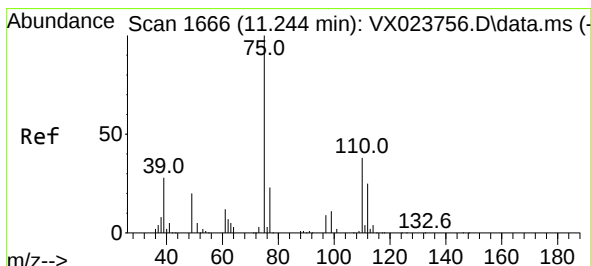
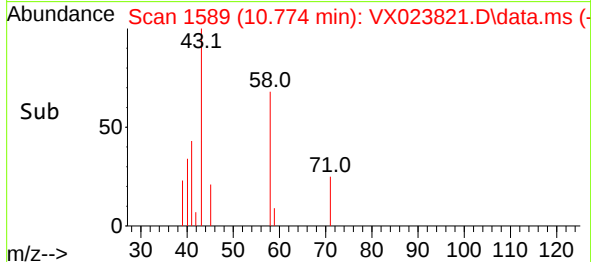
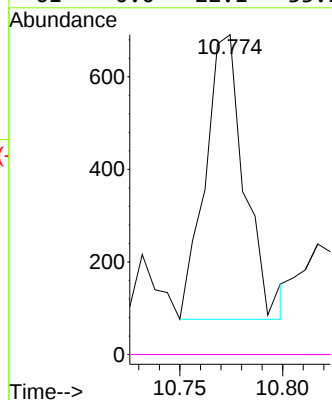
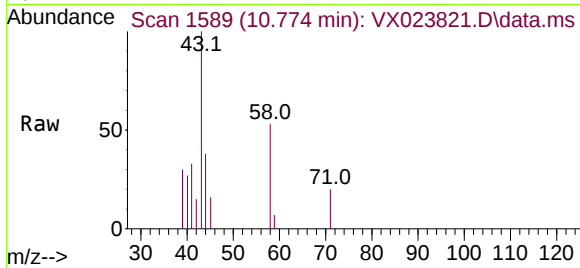




#74
N-amy1 acetate
Concen: 0.295 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

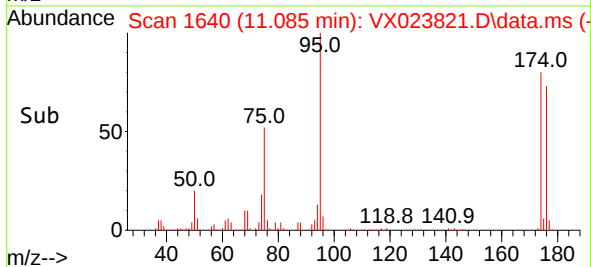
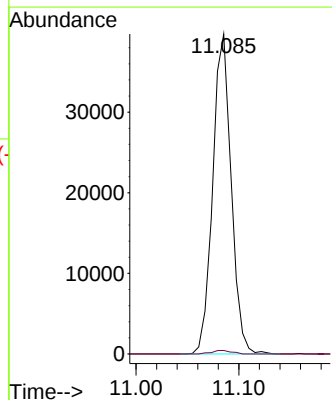
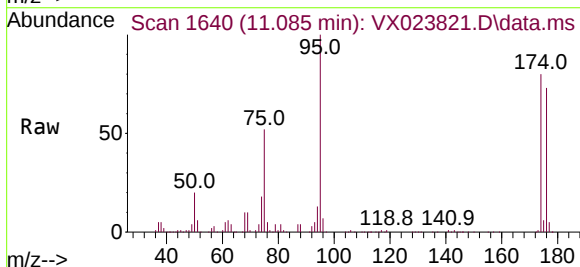
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

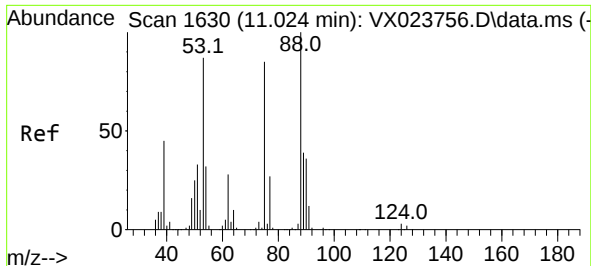
Tgt Ion: 43	Resp: 821
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.252 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 75	Resp: 49406
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

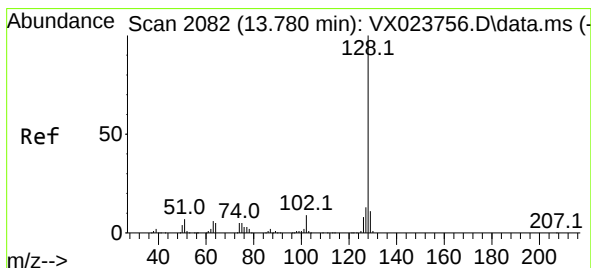
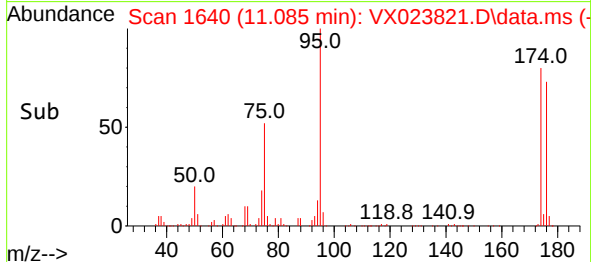
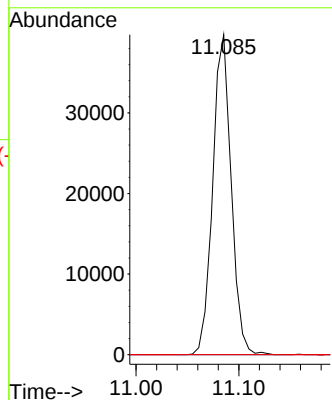
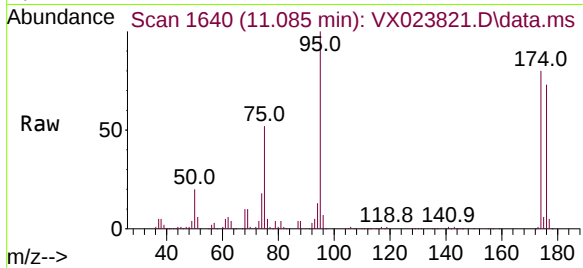




#81
trans-1,4-Dichloro-2-butene
Concen: 77.222 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#06

Tgt Ion: 75 Resp: 49406
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.301 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023821.D
Acq: 18 Aug 2021 17:01

Tgt Ion: 128 Resp: 115
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

