

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023775.D
 Acq On : 17 Aug 2021 20:01
 Operator : JC/MD
 Sample : PB138478TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

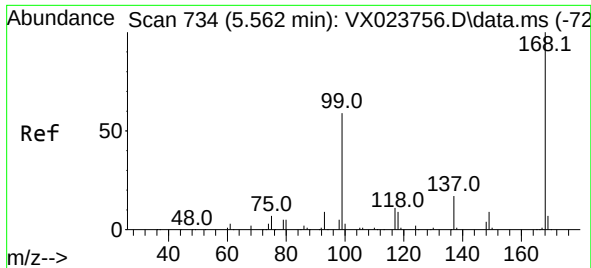
Instrument :
 MSVOA_X
 ClientSampleId :
 PB138478TB

Quant Time: Aug 18 06:12:53 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)

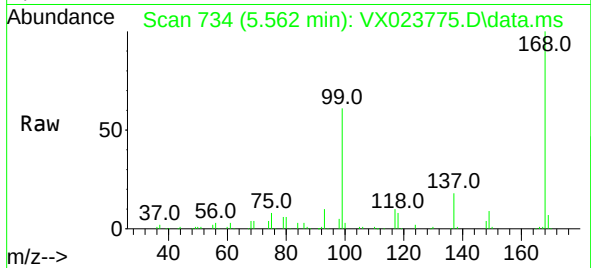
Internal Standards						
1) Pentafluorobenzene	5.562	168	140980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103030	52.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	79771	49.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.653	98	312432	50.519	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.040%			
62) 4-Bromofluorobenzene	11.085	95	108052	47.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.920%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	474	0.473	ug/l #	70
6) Chloroethane	1.703	64	272	2.413	ug/l #	43
10) Methyl Iodide	2.465	142	477	0.242	ug/l #	77
11) Tert butyl alcohol	2.959	59	1397	3.511	ug/l #	82
16) Acetone	2.386	43	27111	30.816	ug/l	99
18) Methyl Acetate	2.715	43	1454	0.662	ug/l #	72
20) Methylene Chloride	2.794	84	14489	8.622	ug/l	88
25) 2-Butanone	4.574	43	4495	3.373	ug/l	99
29) Tetrahydrofuran	5.038	42	1763	2.043	ug/l #	58
31) Cyclohexane	5.562	56	3579	1.416	ug/l #	40
36) 1,1-Dichloropropene	5.568	75	11055	4.863	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14301	6.032	ug/l #	16
41) Methacrylonitrile	5.044	41	1010	0.667	ug/l #	21
43) Isopropyl Acetate	6.355	43	21572	4.935	ug/l #	92
48) Methyl methacrylate	7.806	41	121036	56.759	ug/l #	38
49) 1,4-Dioxane	7.793	88	196	4.349	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	75734	26.802	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	31575	11.595	ug/l #	70
56) Ethyl methacrylate	8.994	69	101	0.792	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	19705	6.624	ug/l #	42
59) 2-Hexanone	9.488	43	290647	133.812	ug/l #	43
74) N-amyl acetate	10.768	43	868	0.258	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	58676	25.772	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58676	75.808	ug/l #	12
95) Naphthalene	13.780	128	219	1.312	ug/l #	69

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

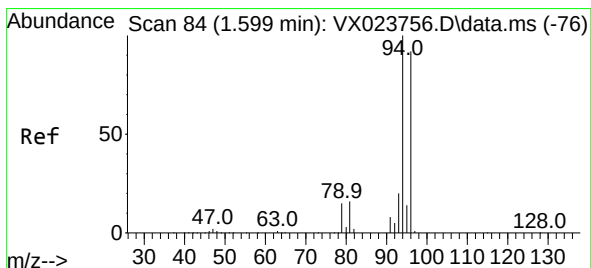
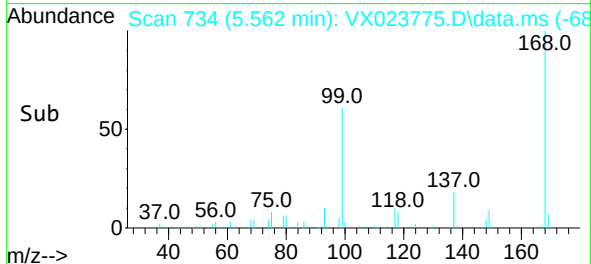
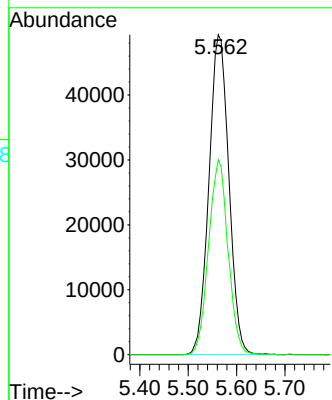


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

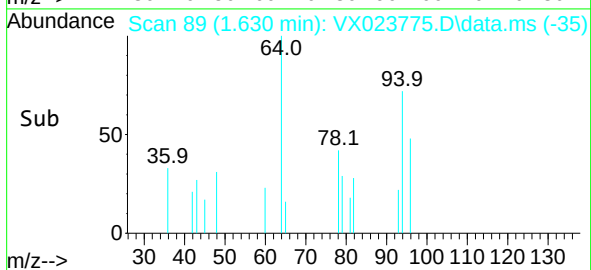
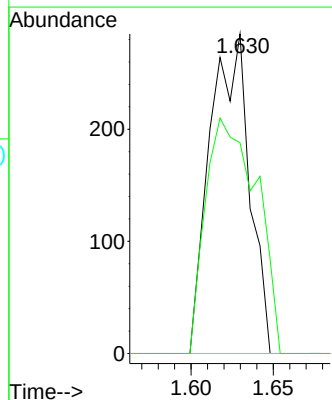
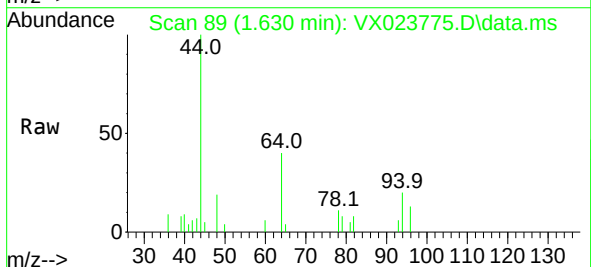


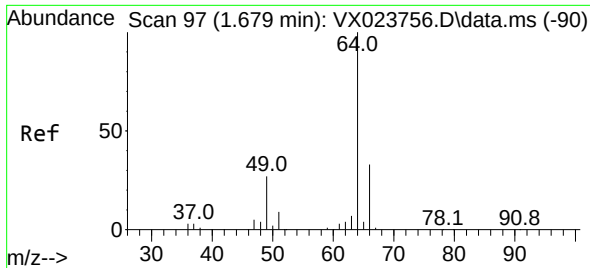
Tgt Ion:168 Resp: 140980
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#5
Bromomethane
Concen: 0.473 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 94 Resp: 474
Ion Ratio Lower Upper
94 100
96 66.0 76.4 114.6#

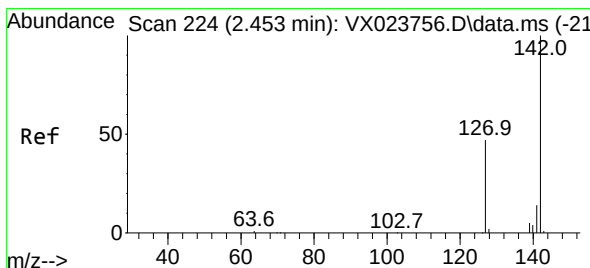
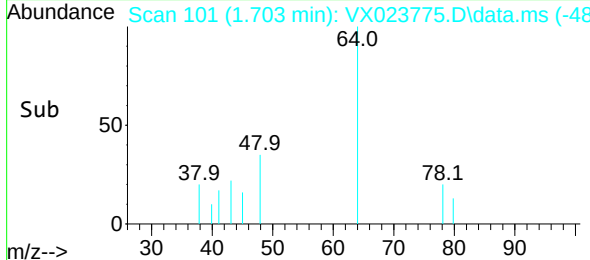
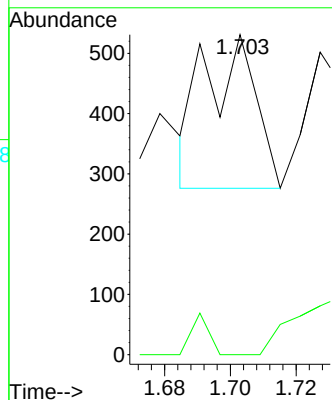
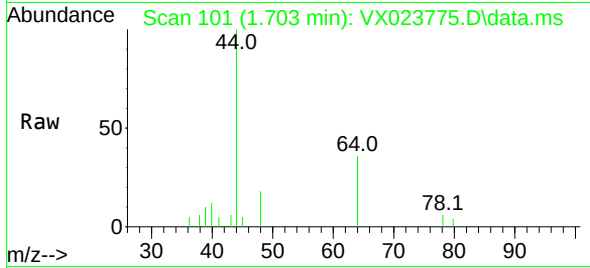




#6
Chloroethane
Concen: 2.413 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

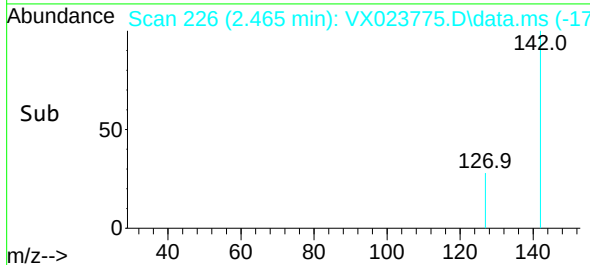
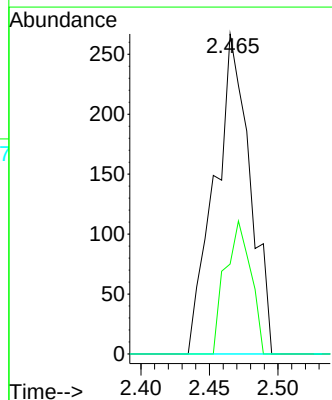
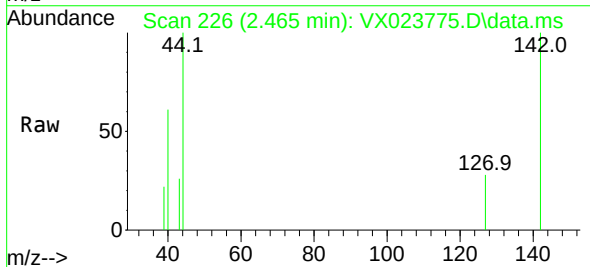
Instrument :
MSVOA_X
ClientSampled :
PB138478TB

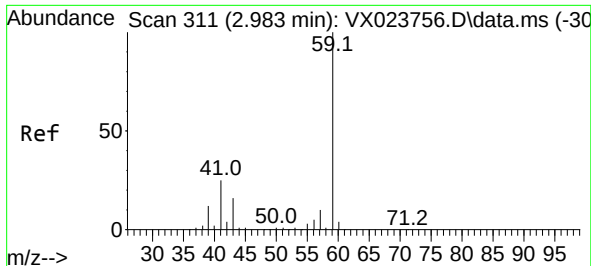
Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.242 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

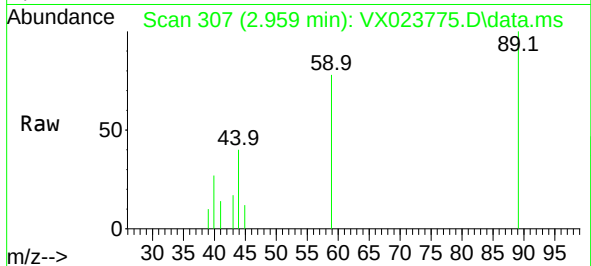
Tgt Ion: 142 Resp: 477
Ion Ratio Lower Upper
142 100
127 30.0 33.3 49.9#
141 0.0 11.4 17.0#



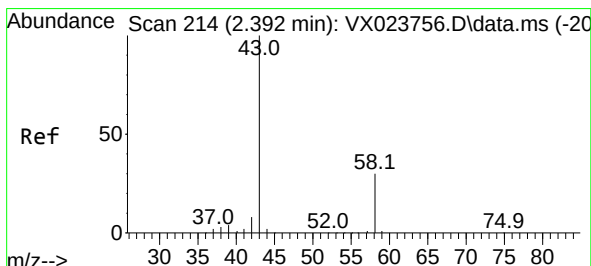
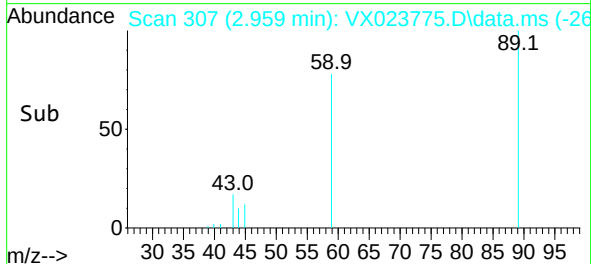
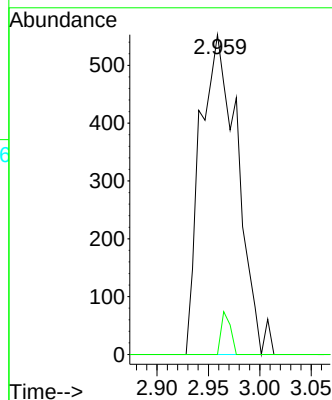


#11
Tert butyl alcohol
Concen: 3.511 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

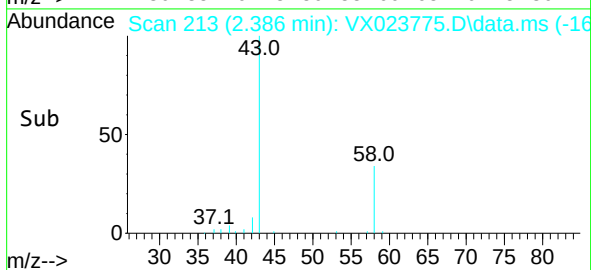
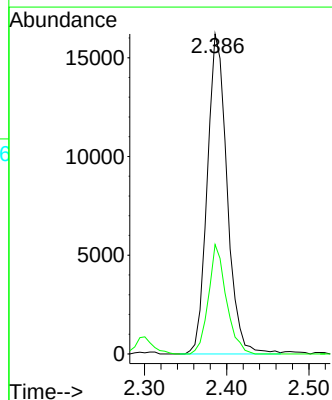
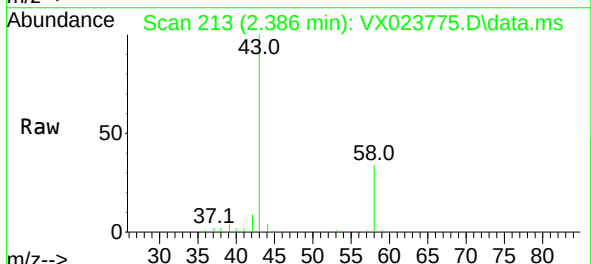


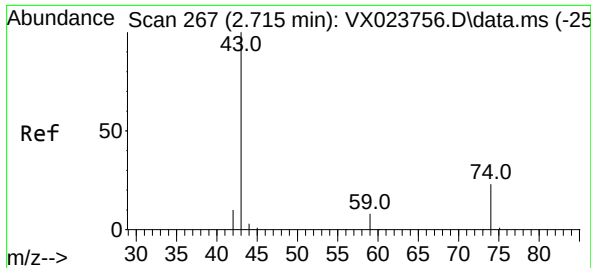
Tgt Ion: 59 Resp: 1397
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8#



#16
Acetone
Concen: 30.816 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 43 Resp: 27111
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

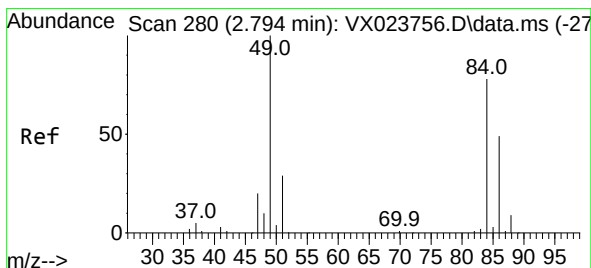
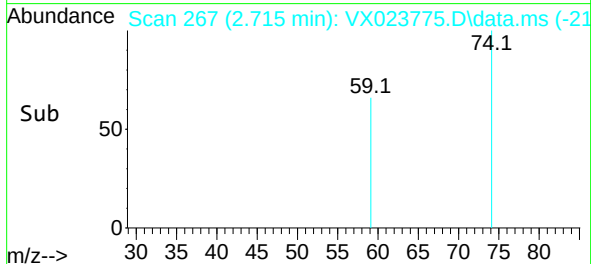
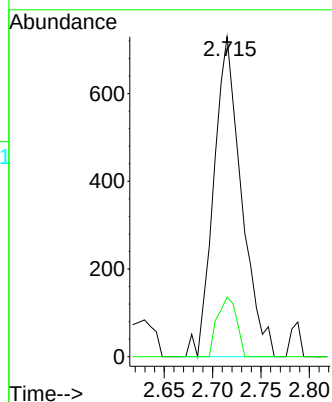
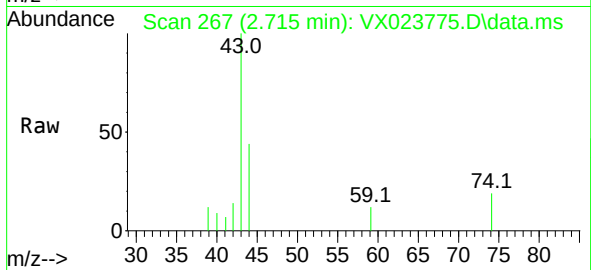




#18
Methyl Acetate
Concen: 0.662 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

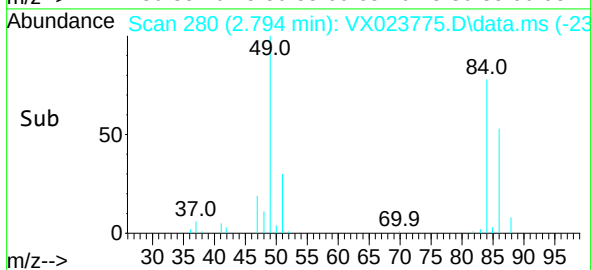
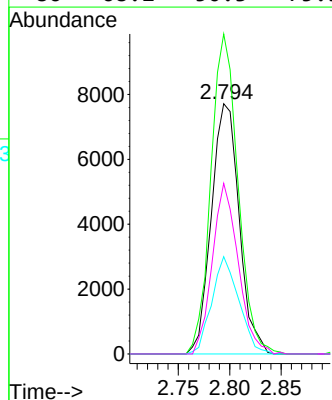
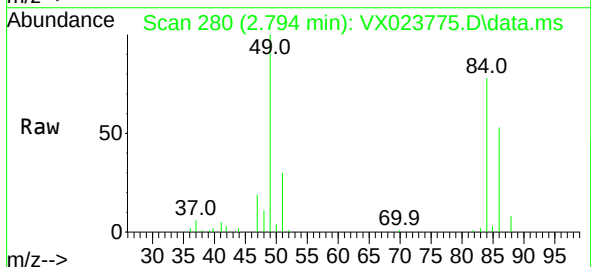
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

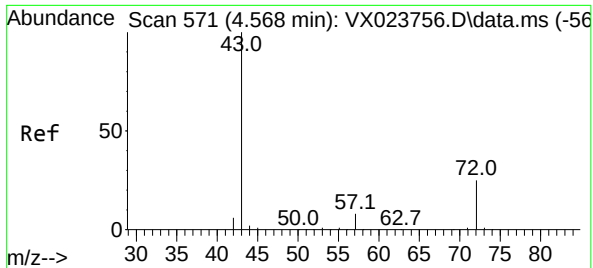
Tgt Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
74 12.8 21.9 32.9#



#20
Methylene Chloride
Concen: 8.622 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 84 Resp: 14489
Ion Ratio Lower Upper
84 100
49 127.9 88.6 132.8
51 38.9 27.0 40.6
86 68.2 50.3 75.5

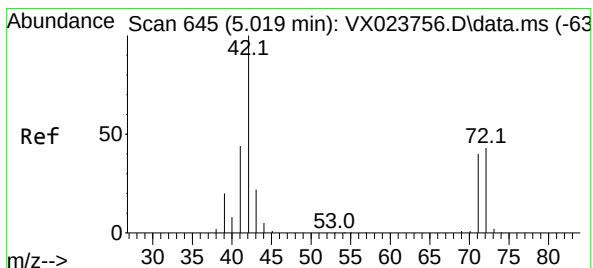
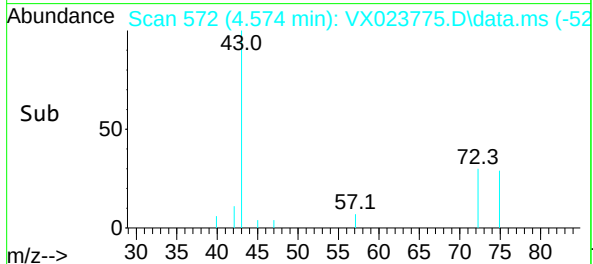
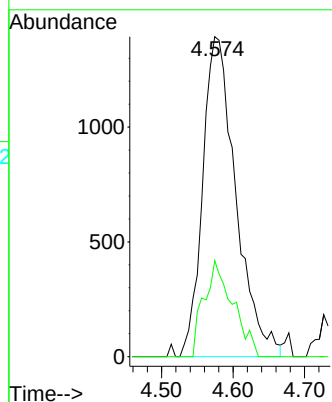
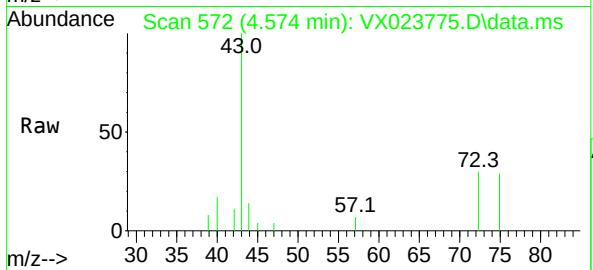




#25
2-Butanone
Concen: 3.373 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

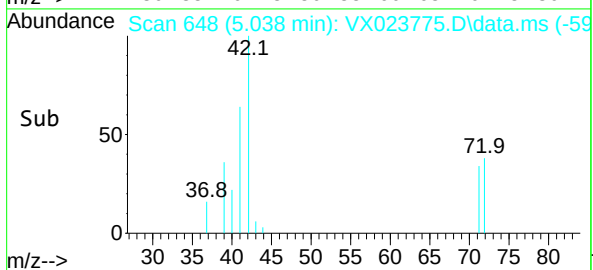
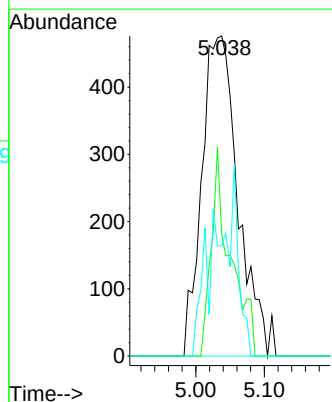
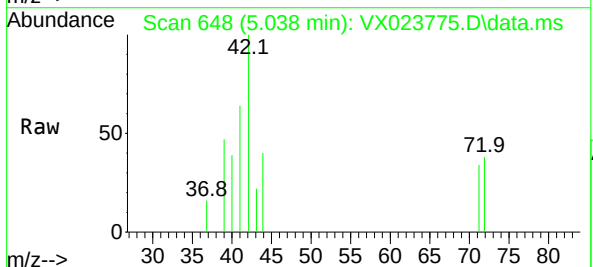
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

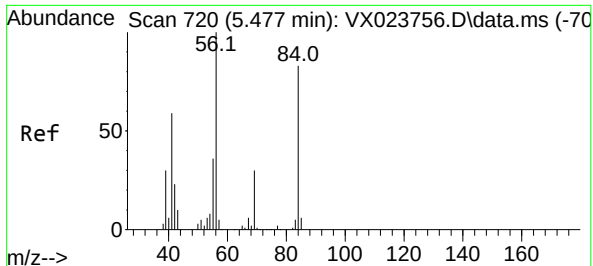
Tgt Ion: 43 Resp: 4495
Ion Ratio Lower Upper
43 100
72 30.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.043 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

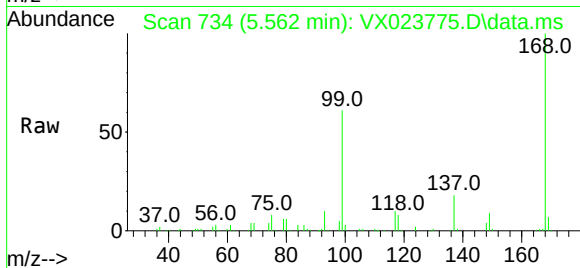
Tgt Ion: 42 Resp: 1763
Ion Ratio Lower Upper
42 100
72 34.5 41.7 62.5#
71 7.5 38.4 57.6#



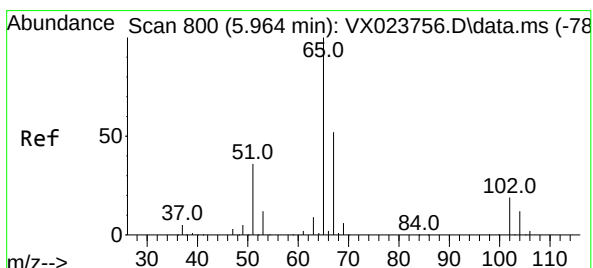
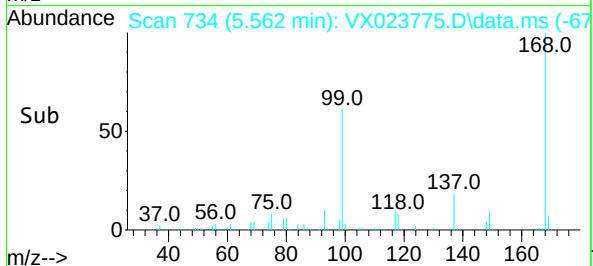
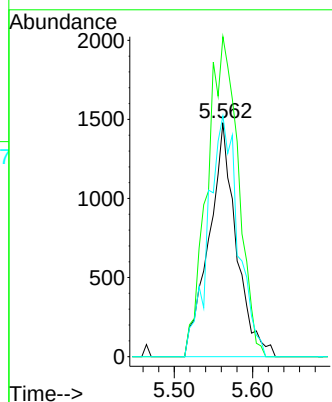


#31
Cyclohexane
Concen: 1.416 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

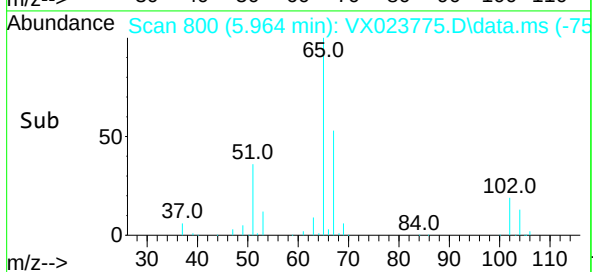
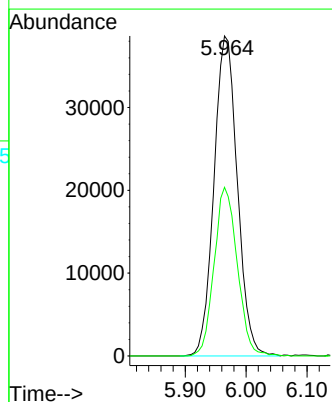
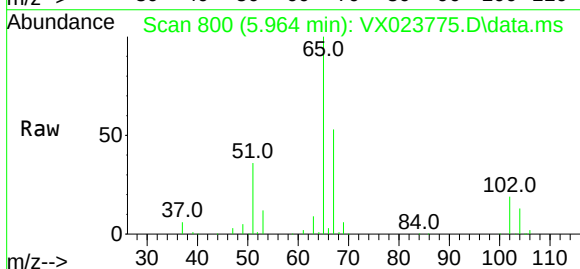


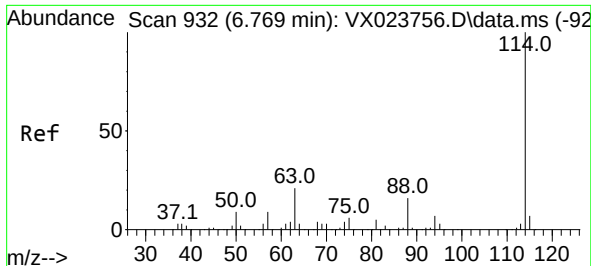
Tgt Ion: 56 Resp: 3579
Ion Ratio Lower Upper
56 100
69 136.7 25.3 37.9#
84 102.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.362 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 65 Resp: 103030
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

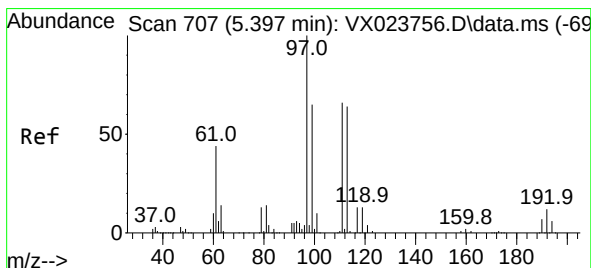
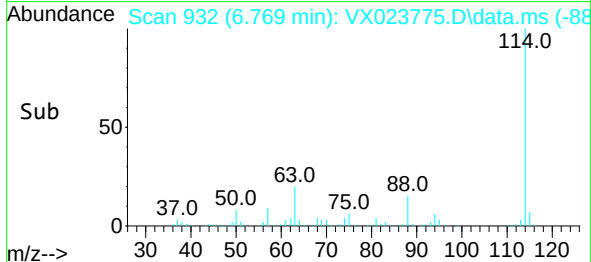
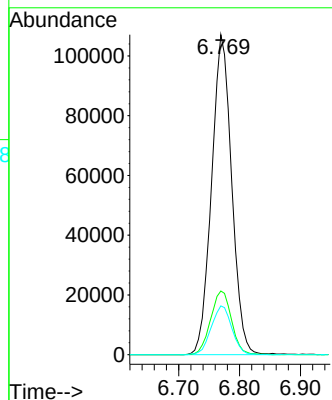
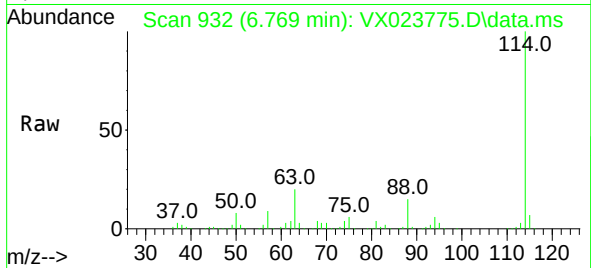




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

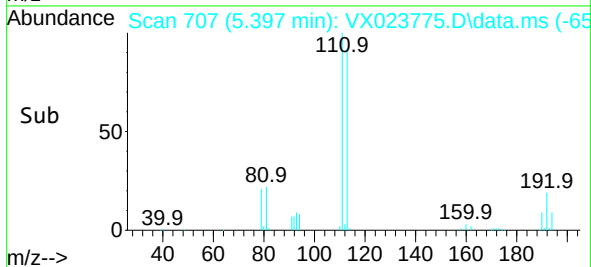
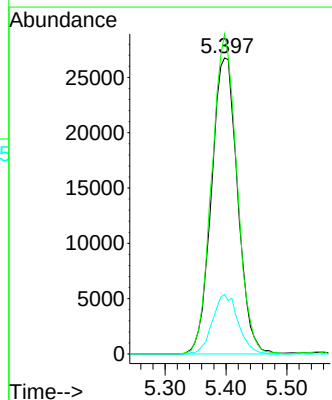
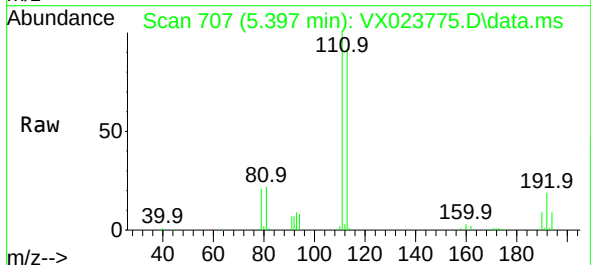
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

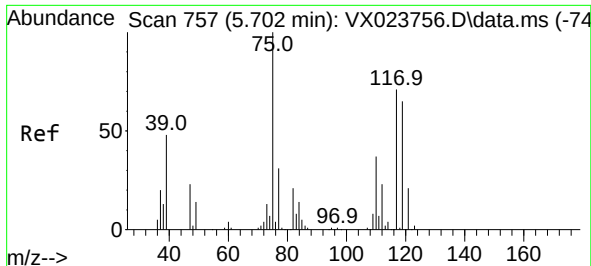
Tgt Ion:114 Resp: 245499
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.093 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion:113 Resp: 79771
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023775.D

Acq: 17 Aug 2021 20:01

Tgt Ion: 75 Resp: 11055

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

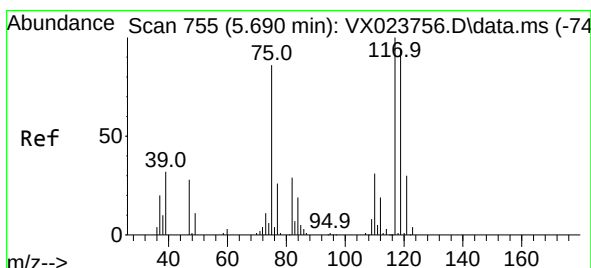
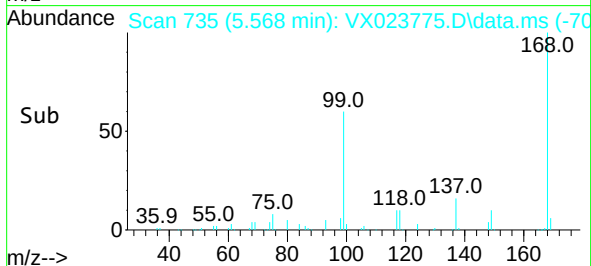
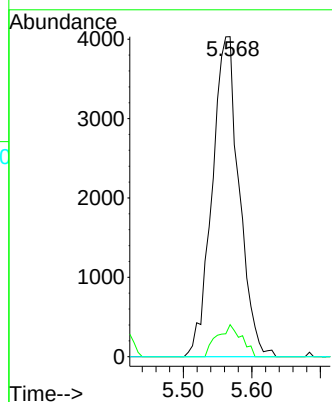
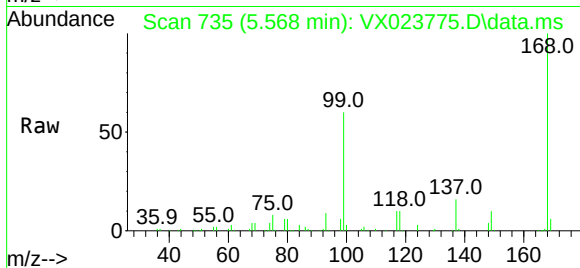
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

PB138478TB



#38

Carbon Tetrachloride

Concen: 6.032 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX023775.D

Acq: 17 Aug 2021 20:01

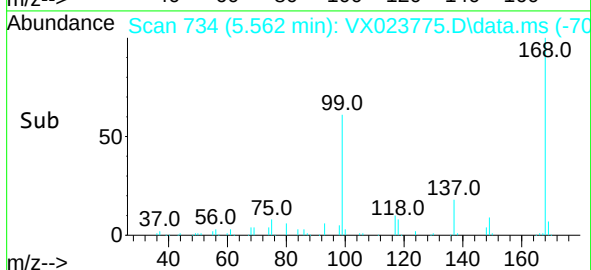
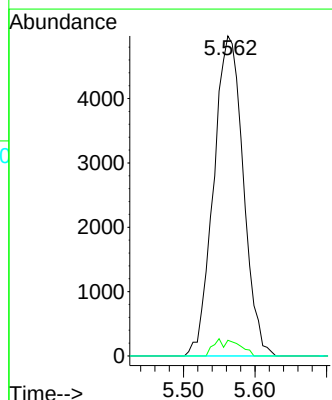
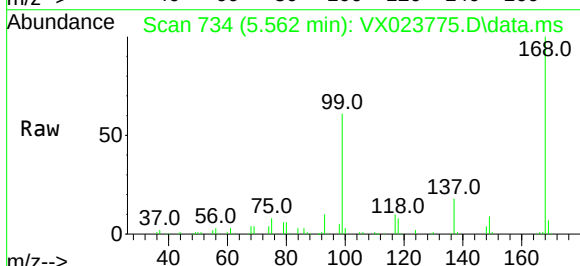
Tgt Ion: 117 Resp: 14301

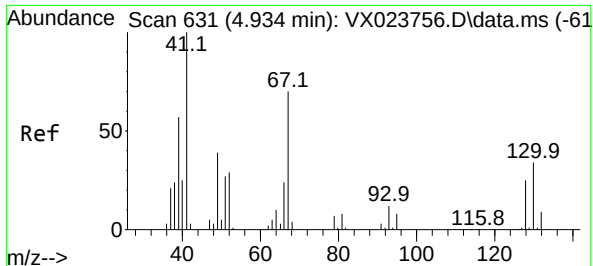
Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

121 0.0 24.8 37.2#

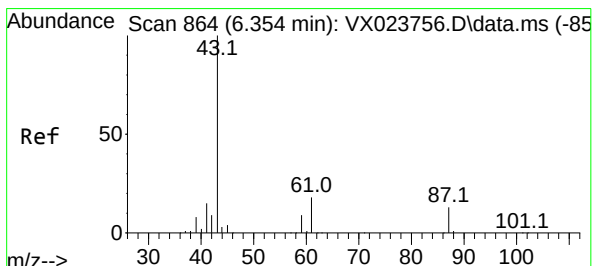
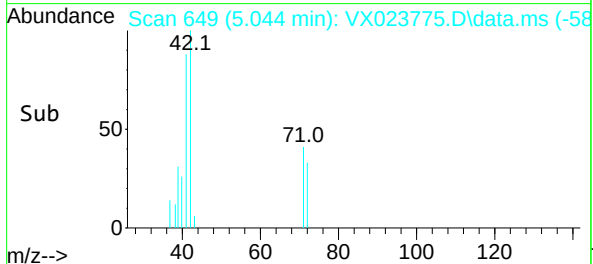
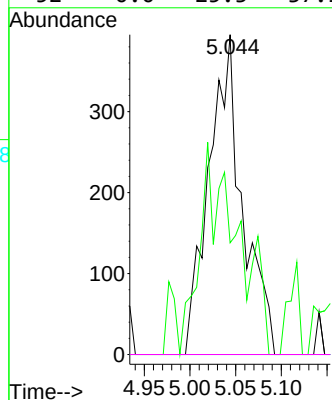
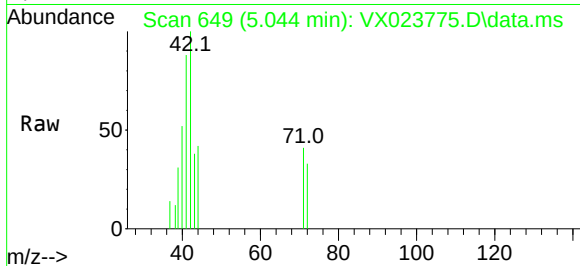




#41
Methacrylonitrile
Concen: 0.667 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.110 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

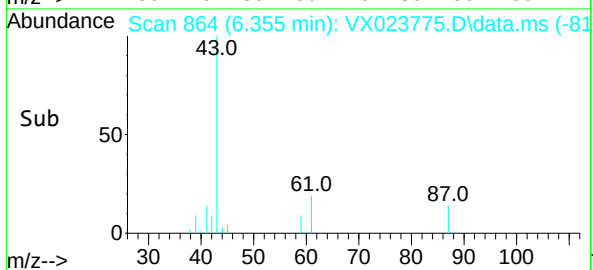
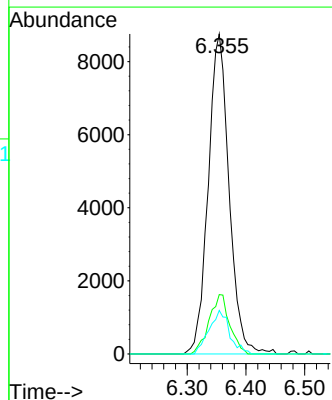
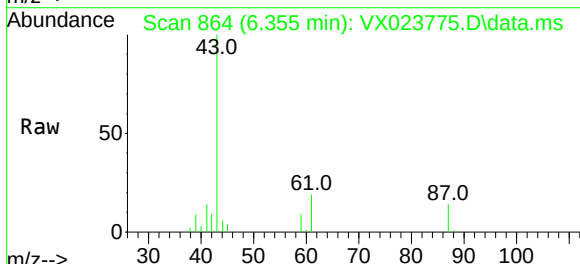
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

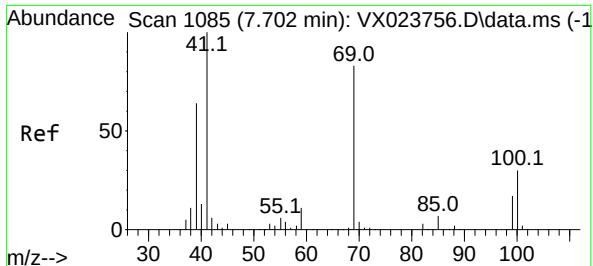
Tgt Ion:	41	Resp:	1010
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.935 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion:	43	Resp:	21572
Ion	Ratio	Lower	Upper
43	100		
61	18.2	18.2	27.4#
87	13.3	12.5	18.7

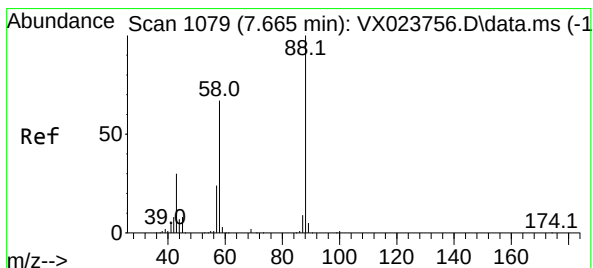
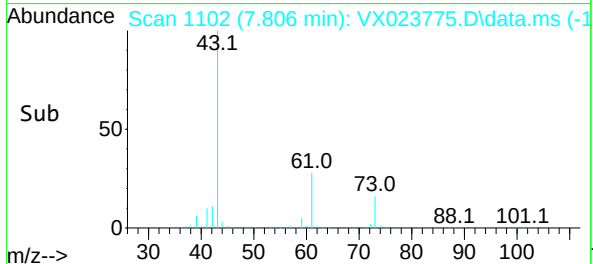
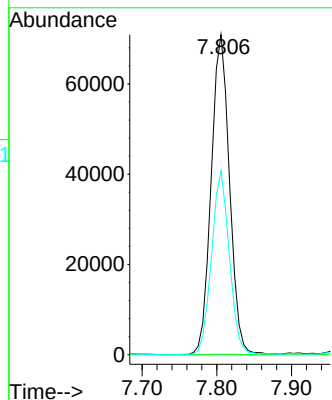
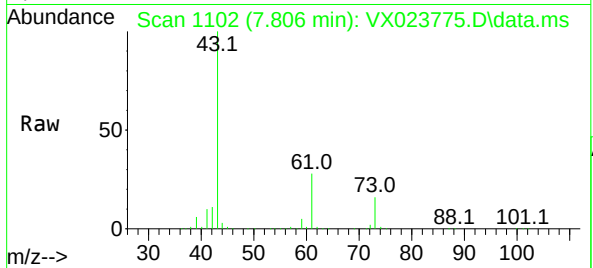




#48
Methyl methacrylate
Concen: 56.759 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

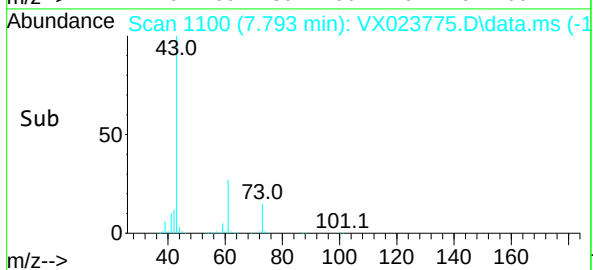
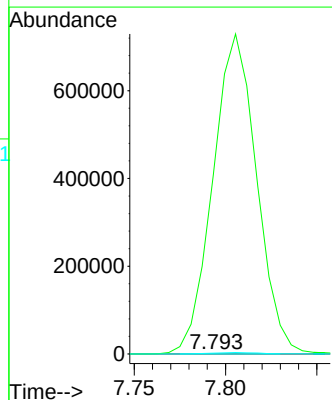
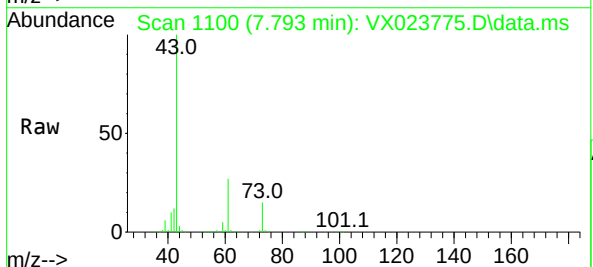
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

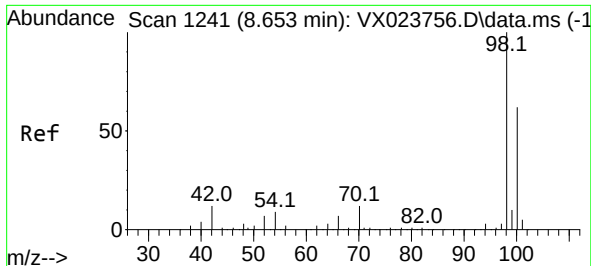
Tgt Ion: 41 Resp: 121036
Ion Ratio Lower Upper
41 100
69 0.2 76.0 114.0#
39 56.2 44.6 67.0



#49
1,4-Dioxane
Concen: 4.349 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 88 Resp: 196
Ion Ratio Lower Upper
88 100
43 623816.8 23.2 34.8#
58 2833.2 55.0 82.4#





#50

Toluene-d8

Concen: 50.519 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023775.D

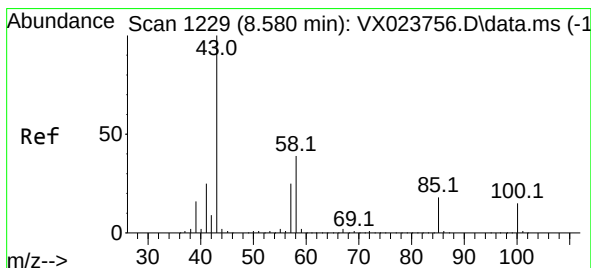
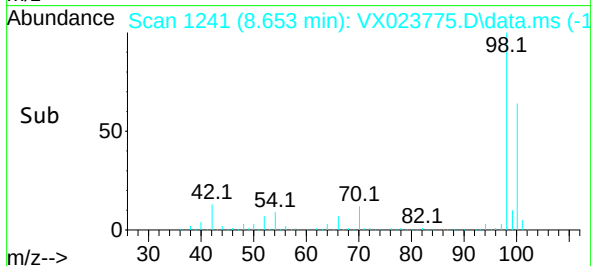
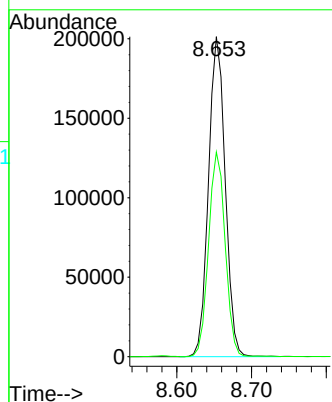
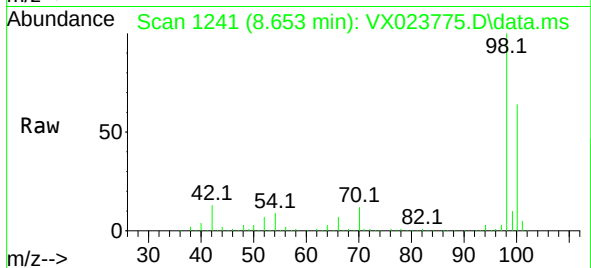
Acq: 17 Aug 2021 20:01

Tgt Ion: 98 Resp: 312432

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 26.802 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX023775.D

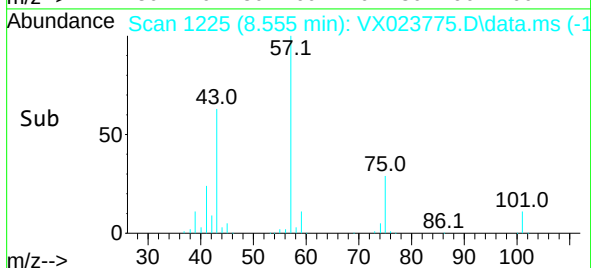
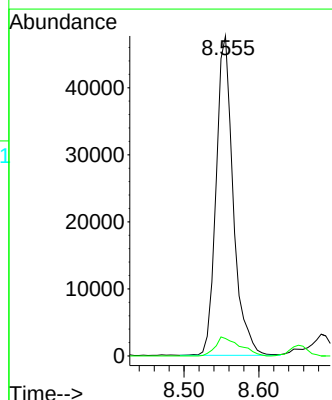
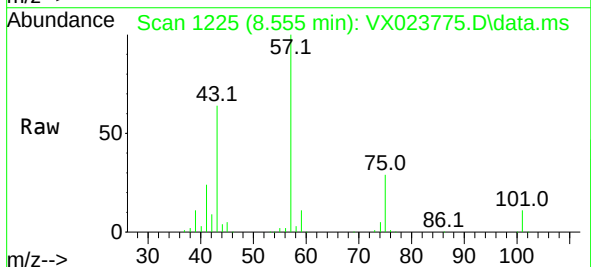
Acq: 17 Aug 2021 20:01

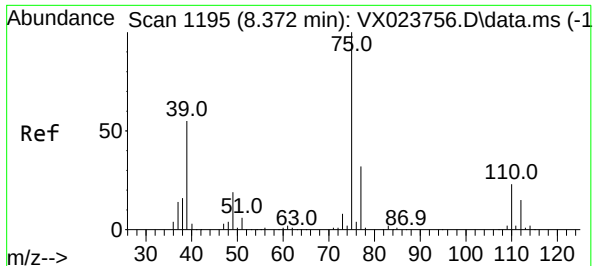
Tgt Ion: 43 Resp: 75734

Ion Ratio Lower Upper

43 100

58 8.5 35.4 53.0#

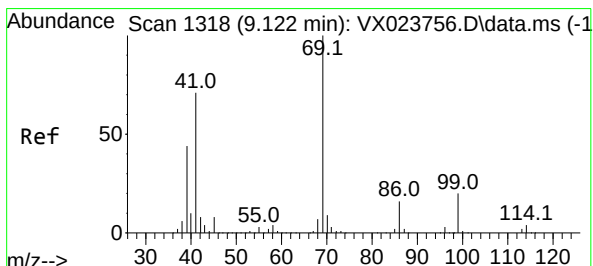
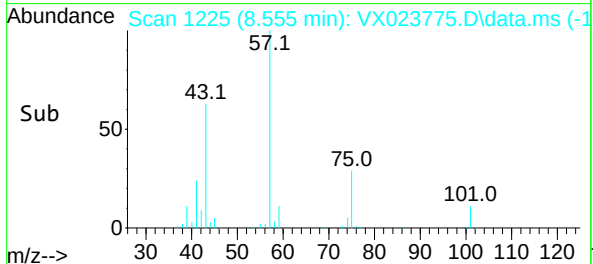
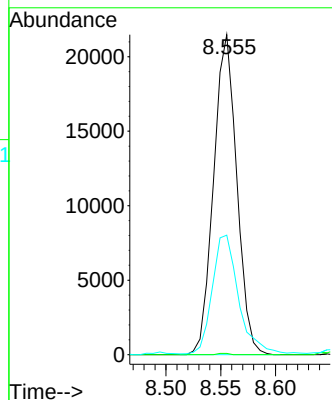
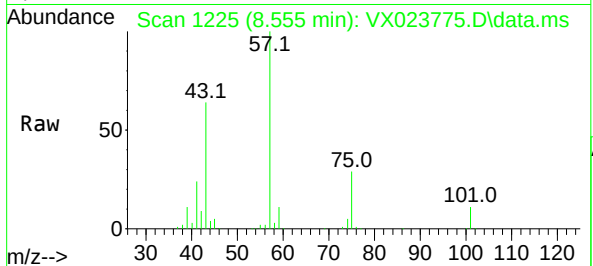




#54
cis-1,3-Dichloropropene
Concen: 11.595 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

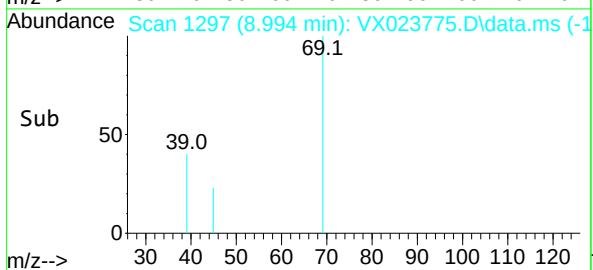
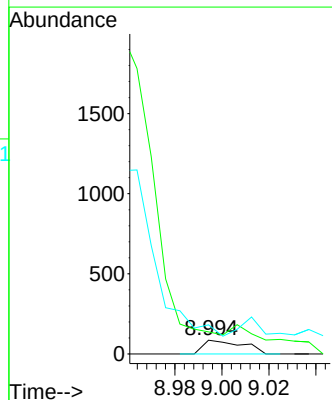
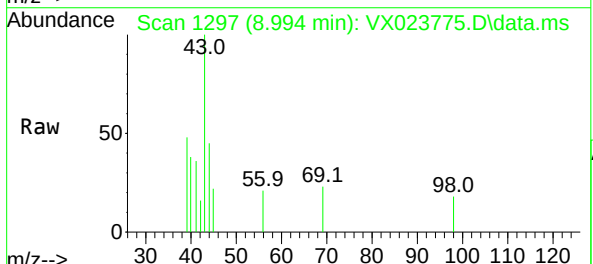
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

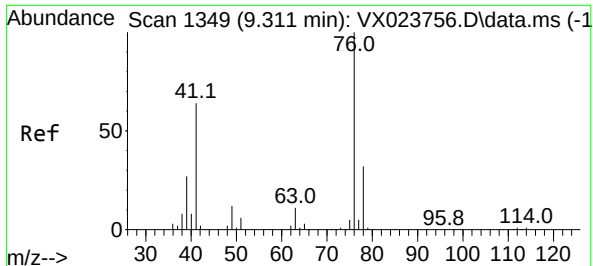
Tgt Ion: 75 Resp: 31575
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 37.1 35.1 52.7



#56
Ethyl methacrylate
Concen: 0.792 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. -0.128 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 69 Resp: 101
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



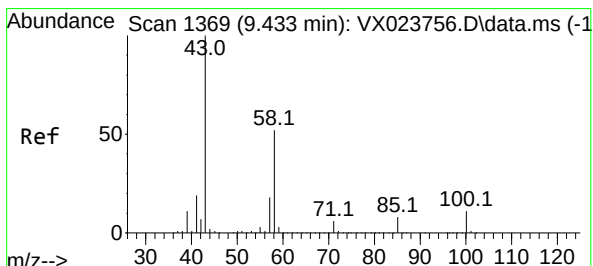
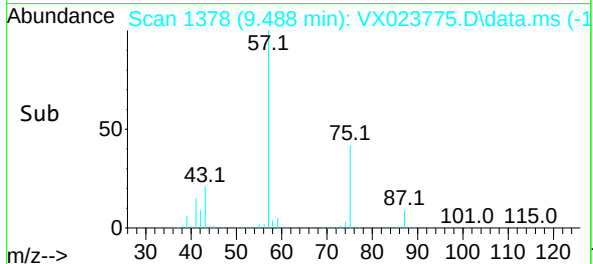
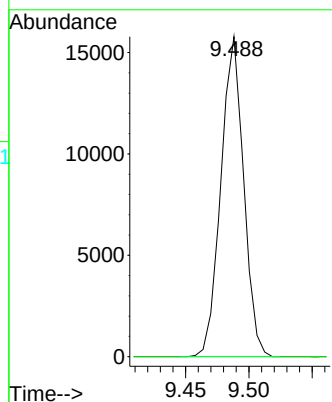
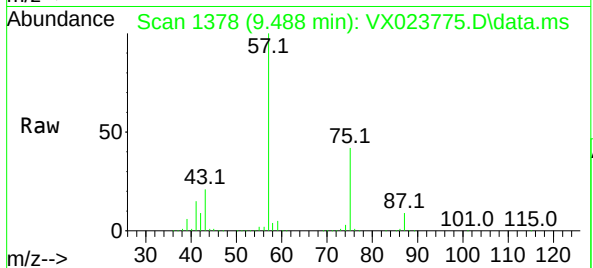


#57

1,3-Dichloropropane
Concen: 6.624 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

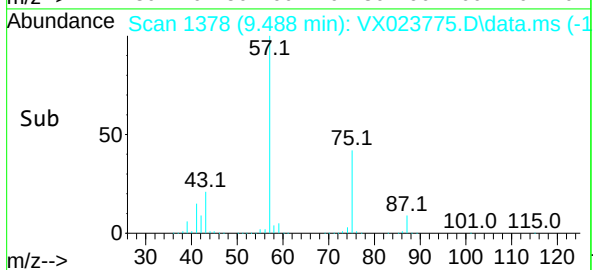
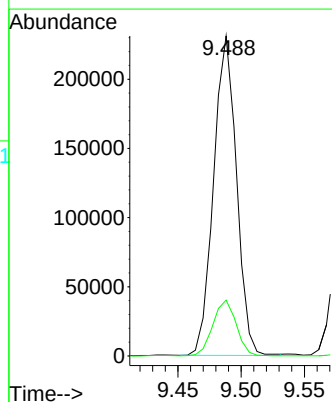
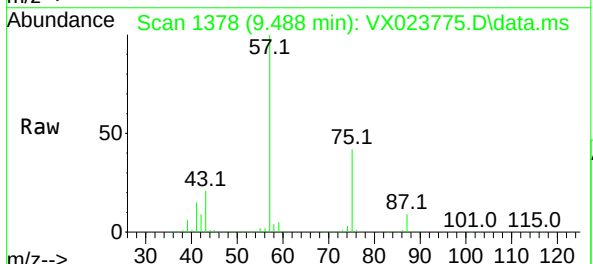
Tgt Ion: 76 Resp: 19705
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

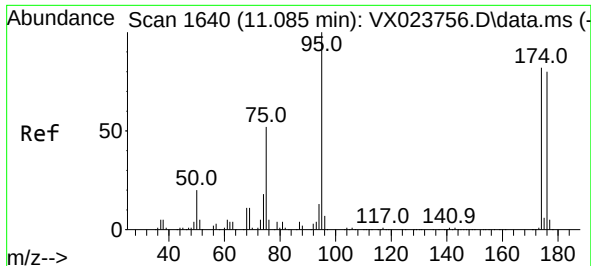


#59

2-Hexanone
Concen: 133.812 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 43 Resp: 290647
Ion Ratio Lower Upper
43 100
58 17.8 30.9 92.8#

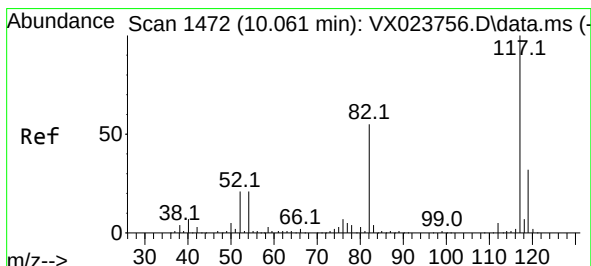
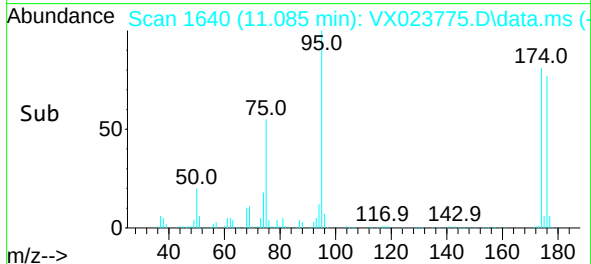
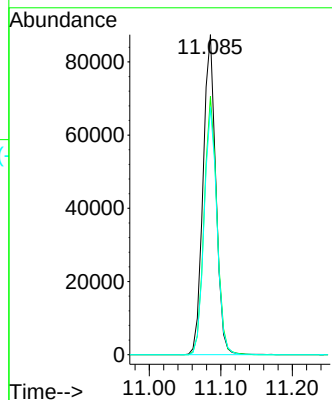
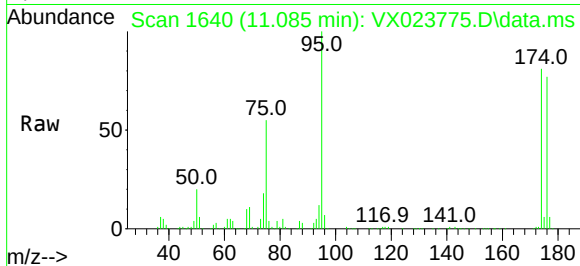




#62
4-Bromofluorobenzene
Concen: 47.461 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

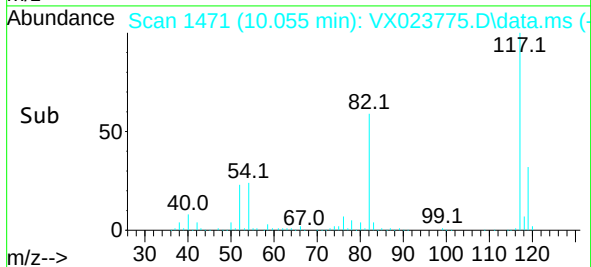
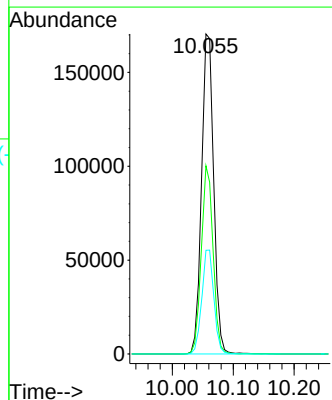
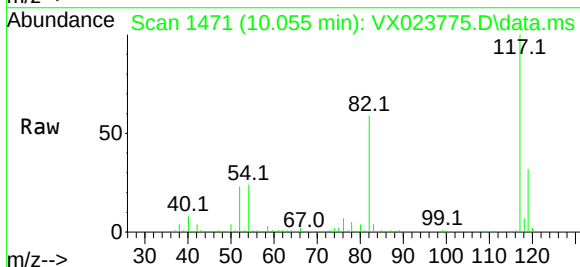
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

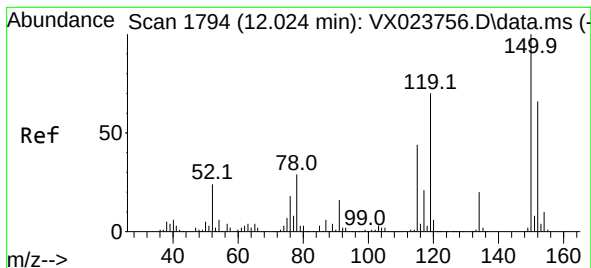
Tgt Ion: 95 Resp: 108052
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Tgt Ion: 117 Resp: 236140
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.4 26.6 39.8

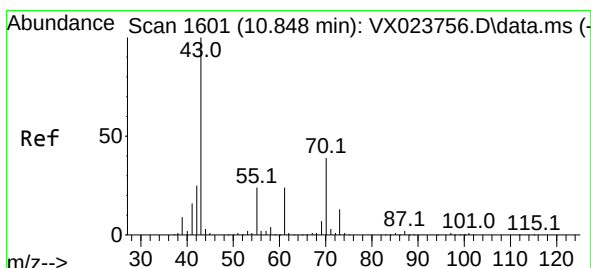
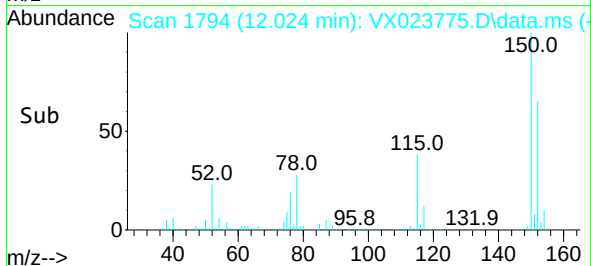
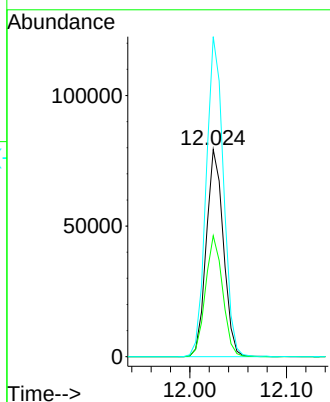
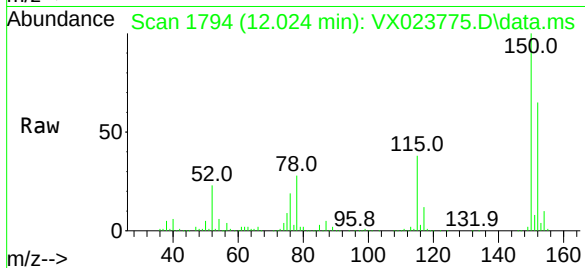




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023775.D
 Acq: 17 Aug 2021 20:01

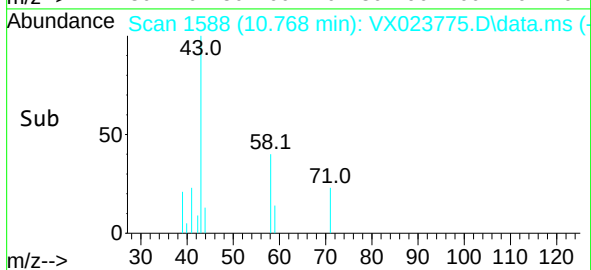
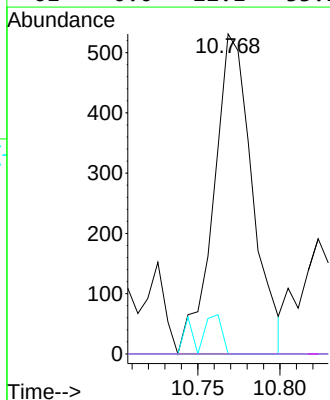
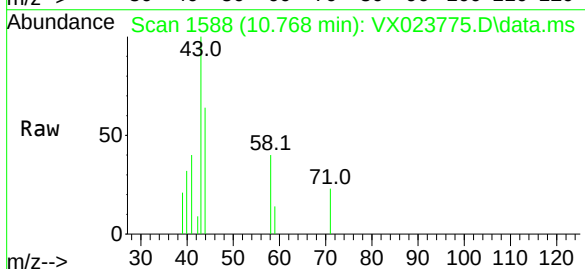
Instrument :
 MSVOA_X
 ClientSampleId :
 PB138478TB

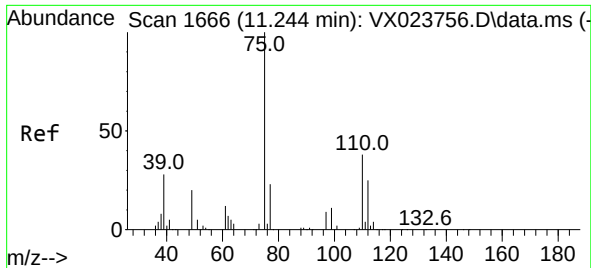
Tgt Ion:152 Resp: 97601
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 156.2 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.258 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX023775.D
 Acq: 17 Aug 2021 20:01

Tgt Ion: 43 Resp: 868
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 7.8 21.5 32.3#
 61 0.0 22.1 33.1#

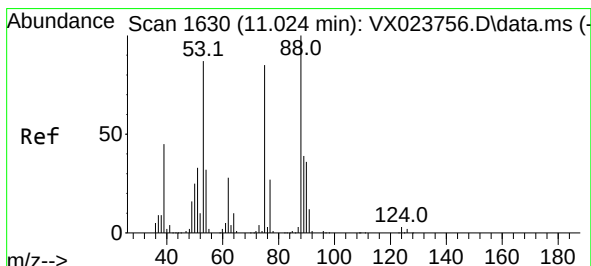
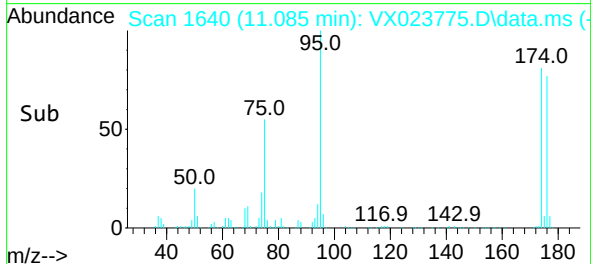
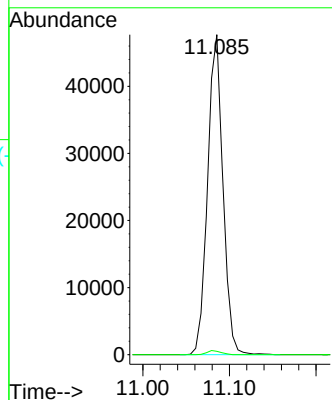
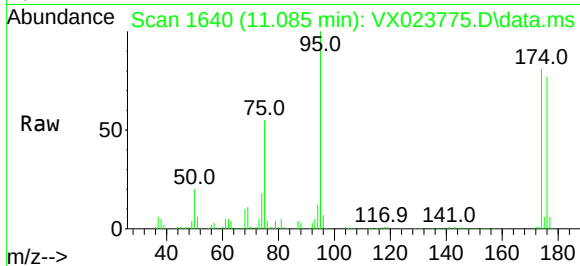




#76
1,2,3-Trichloropropane
Concen: 25.772 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

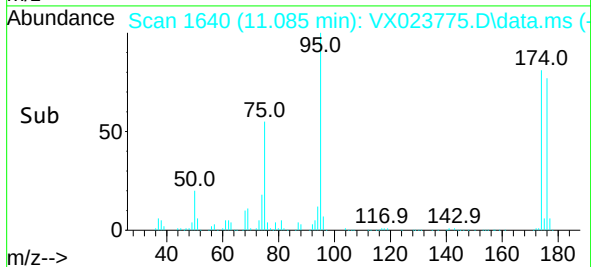
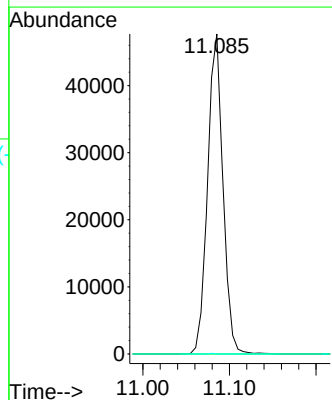
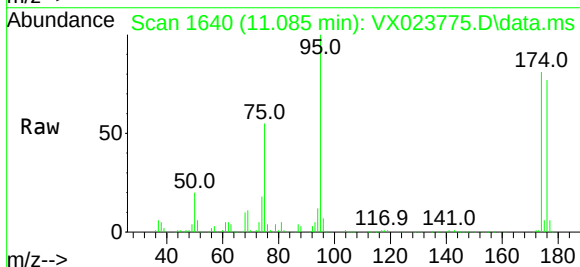
Instrument :
MSVOA_X
ClientSampleId :
PB138478TB

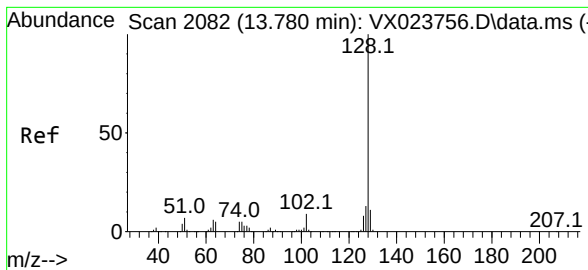
Tgt Ion: 75 Resp: 58676
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.808 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

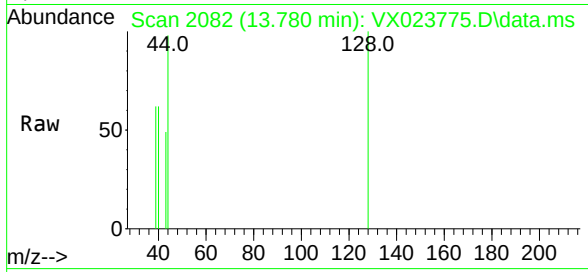
Tgt Ion: 75 Resp: 58676
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.312 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023775.D
Acq: 17 Aug 2021 20:01

Instrument :
MSVOA_X
ClientSampleId :
PB138478TB



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

