

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022978.D
 Acq On : 28 Jun 2021 14:39
 Operator : JC/MD
 Sample : M2839-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20210622

Quant Time: Jun 29 03:06:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

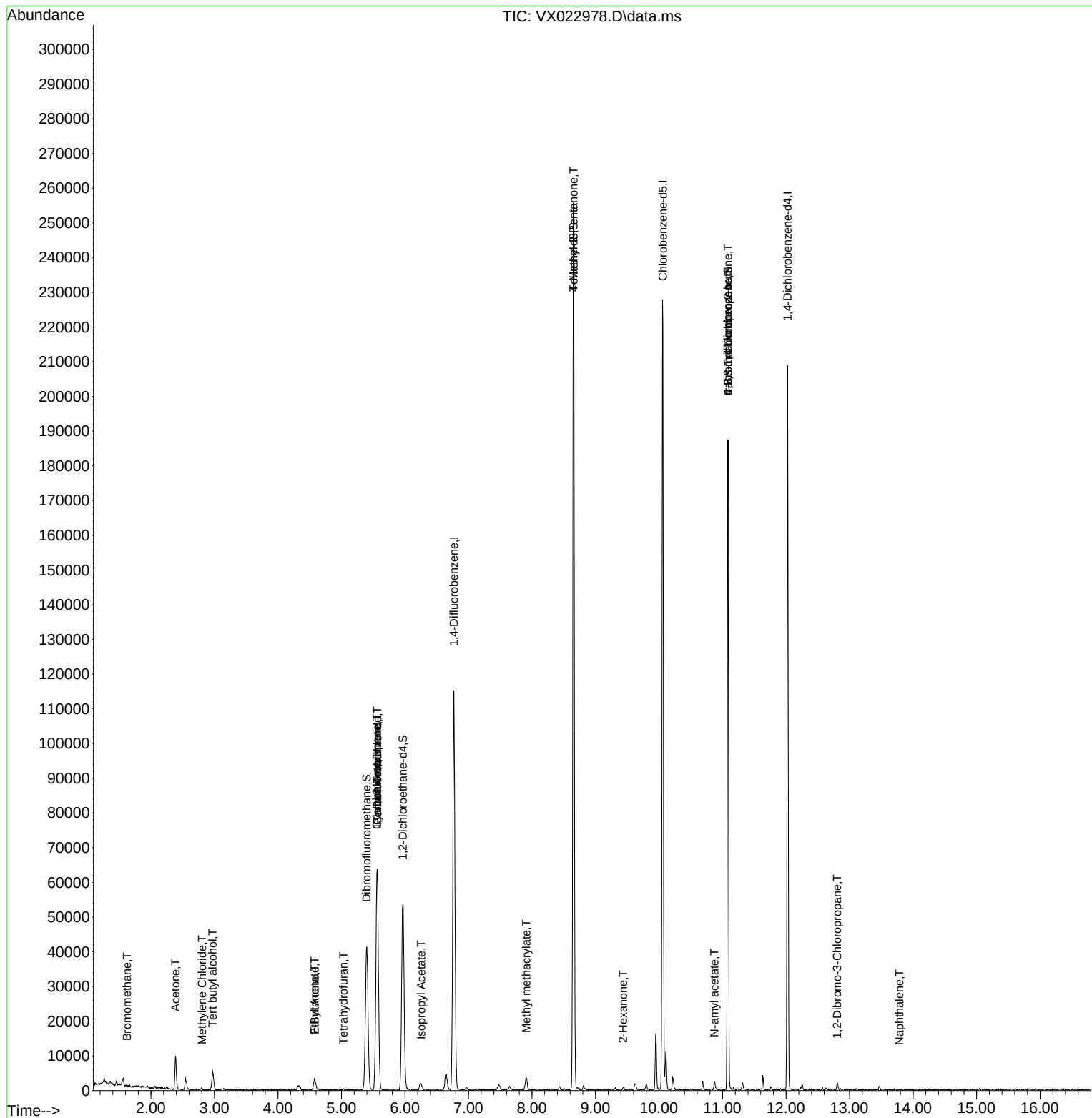
Internal Standards						
1) Pentafluorobenzene	5.562	168	52150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	94842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51590	54.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.020%			
35) Dibromofluoromethane	5.397	113	35162	51.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	8.653	98	141480	53.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.740%			
62) 4-Bromofluorobenzene	11.085	95	48019	48.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.080%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	100	0.243	ug/l	# 54
11) Tert butyl alcohol	2.971	59	5285	26.794	ug/l	96
16) Acetone	2.386	43	9939	23.688	ug/l	# 85
20) Methylene Chloride	2.806	84	213	0.626	ug/l	# 32
25) 2-Butanone	4.574	43	5660	8.675	ug/l	98
29) Tetrahydrofuran	5.031	42	136	0.324	ug/l	# 61
31) Cyclohexane	5.556	56	1679	1.257	ug/l	# 19
36) 1,1-Dichloropropene	5.556	75	5422	4.793	ug/l	# 49
37) Ethyl Acetate	4.574	43	5660	4.319	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6532	6.884	ug/l	# 15
43) Isopropyl Acetate	6.257	43	638	0.303	ug/l	# 57
48) Methyl methacrylate	7.909	41	1282	1.315	ug/l	# 30
51) 4-Methyl-2-Pentanone	8.653	43	888	0.677	ug/l	# 1
59) 2-Hexanone	9.433	43	620	0.623	ug/l	69
74) N-amyl acetate	10.872	43	1637	2.985	ug/l	# 71
76) 1,2,3-Trichloropropane	11.085	75	27051	28.968	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27051	74.567	ug/l	# 12
92) 1,2-Dibromo-3-Chloropr...	12.804	75	45	4.143	ug/l	# 1
95) Naphthalene	13.786	128	267	2.012	ug/l	# 69

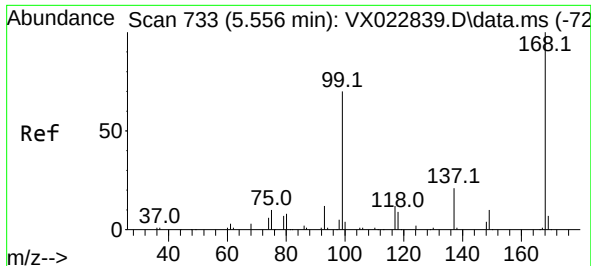
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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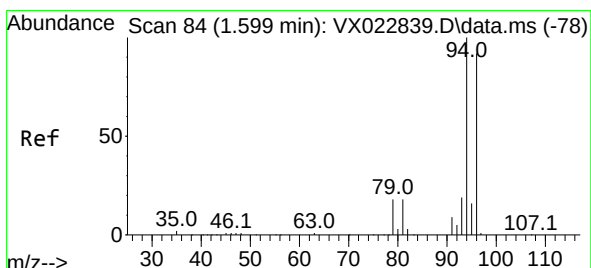
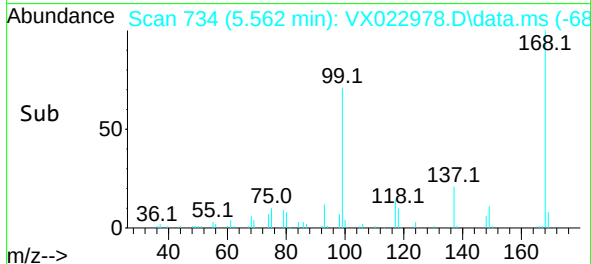
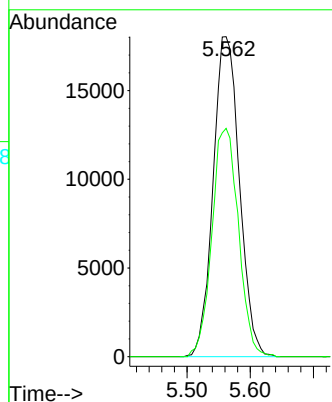
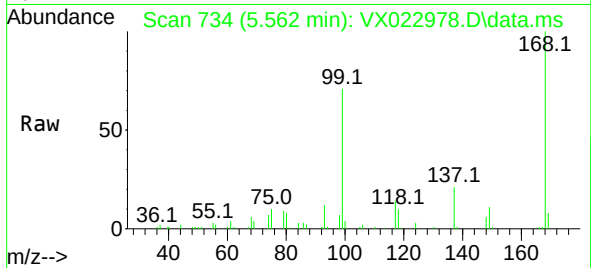




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

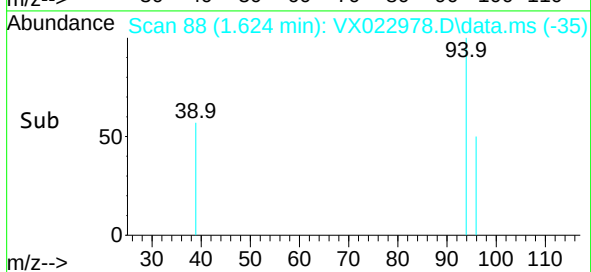
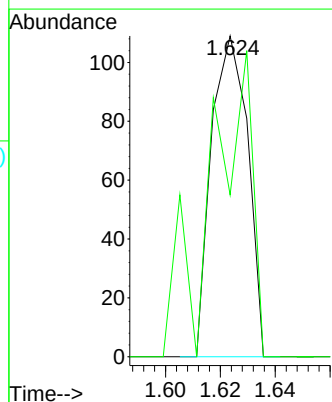
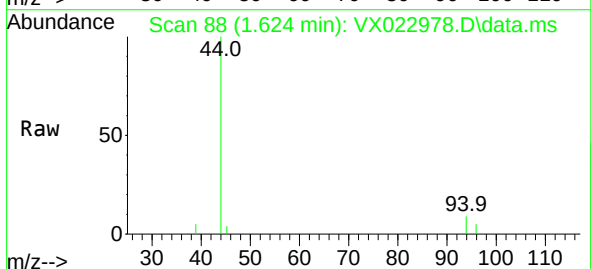
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

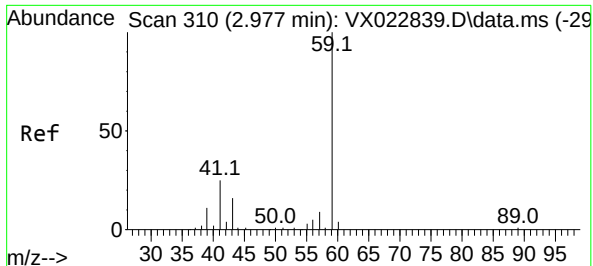
Tgt Ion:168 Resp: 52150
Ion Ratio Lower Upper
168 100
99 71.3 45.8 68.6#



#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 50.5 76.4 114.6#



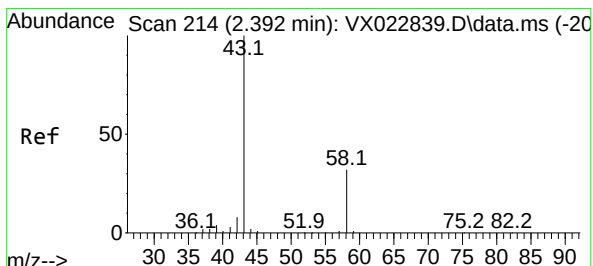
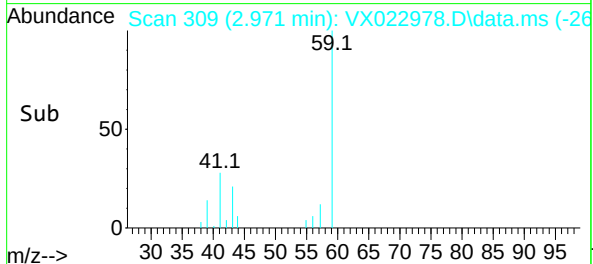
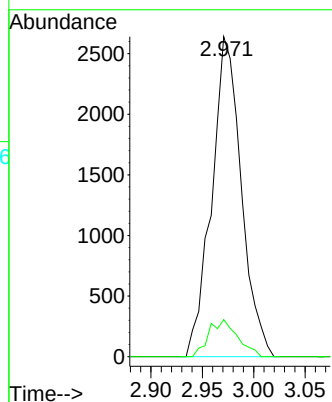
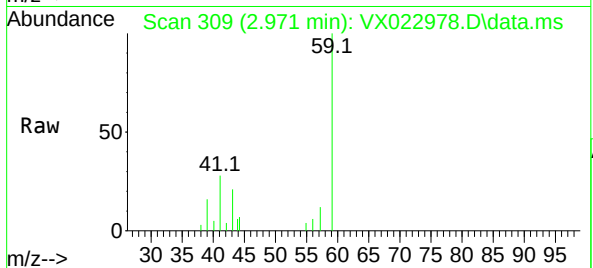


#11

Tert butyl alcohol
Concen: 26.794 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

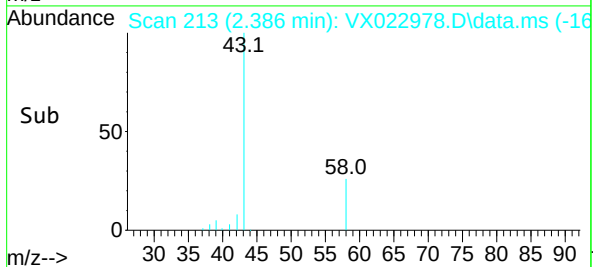
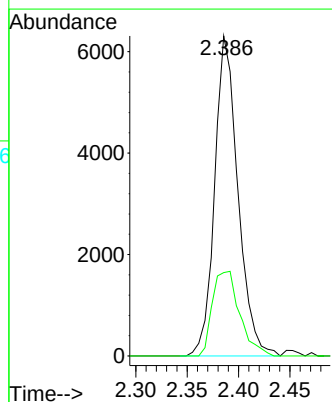
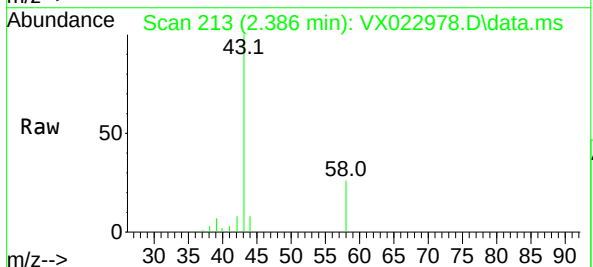
Tgt Ion: 59 Resp: 5285
Ion Ratio Lower Upper
59 100
57 11.3 7.8 11.8

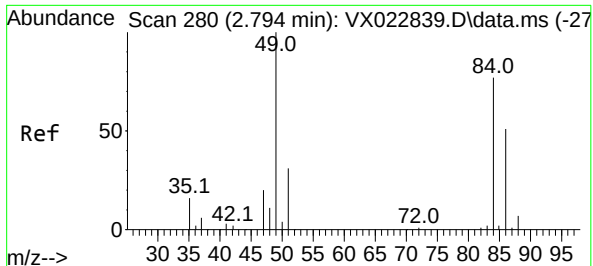


#16

Acetone
Concen: 23.688 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 43 Resp: 9939
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.626 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

Tgt Ion: 84 Resp: 213

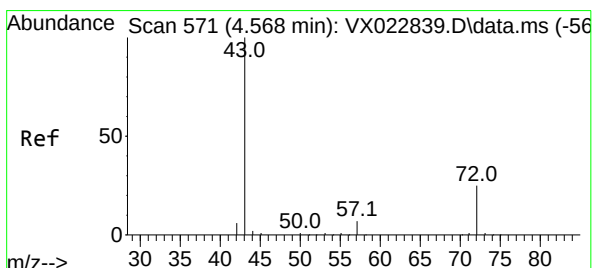
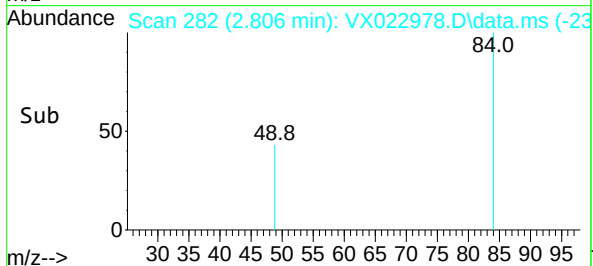
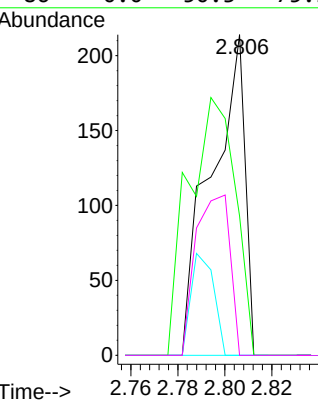
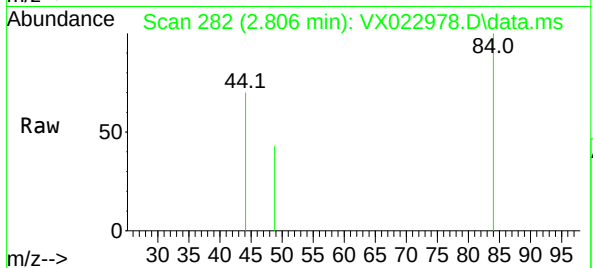
Ion Ratio Lower Upper

84 100

49 43.5 88.6 132.8#

51 0.0 27.0 40.6#

86 0.0 50.3 75.5#



#25

2-Butanone

Concen: 8.675 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022978.D

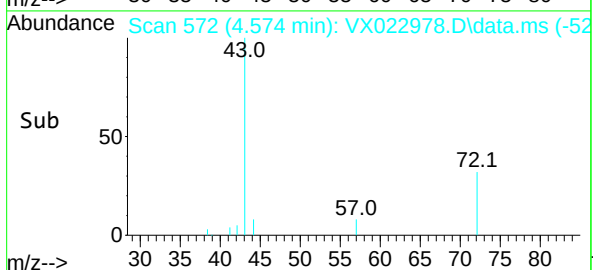
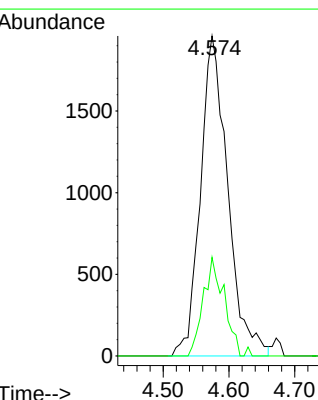
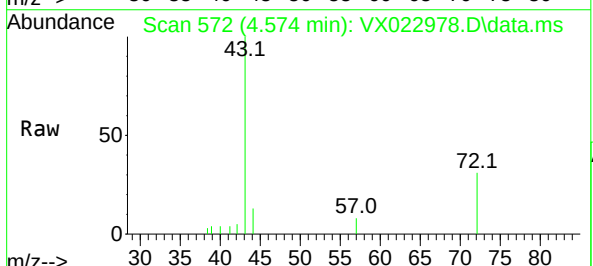
Acq: 28 Jun 2021 14:39

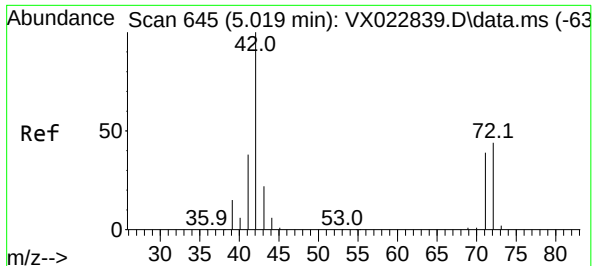
Tgt Ion: 43 Resp: 5660

Ion Ratio Lower Upper

43 100

72 30.8 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.324 ug/l

RT: 5.031 min Scan# 647

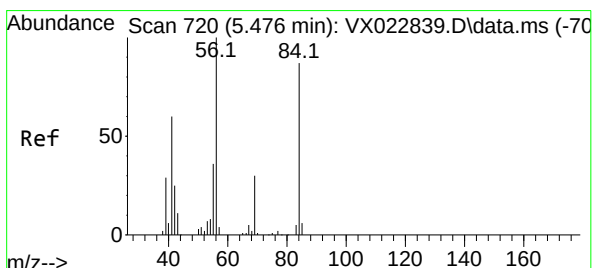
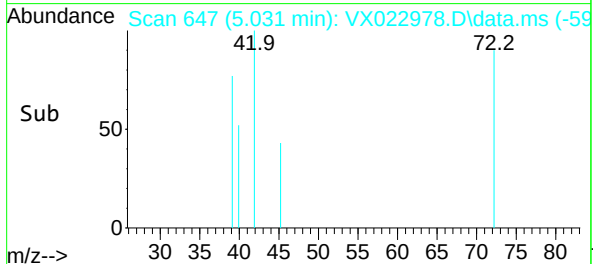
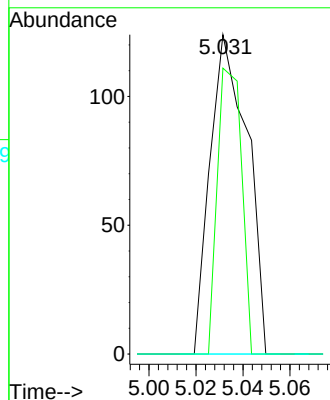
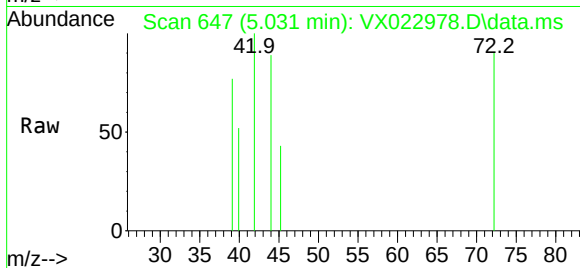
Delta R.T. 0.012 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

Tgt Ion:	42	Resp:	136
Ion	Ratio	Lower	Upper
42	100		
72	58.1	41.7	62.5
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622



#31

Cyclohexane

Concen: 1.257 ug/l

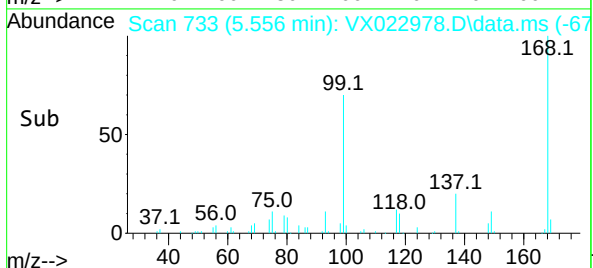
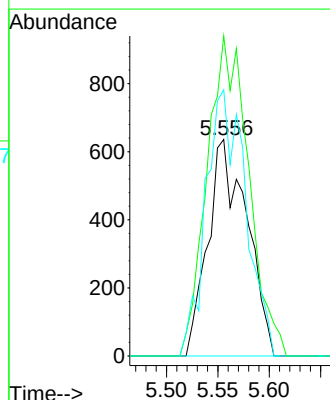
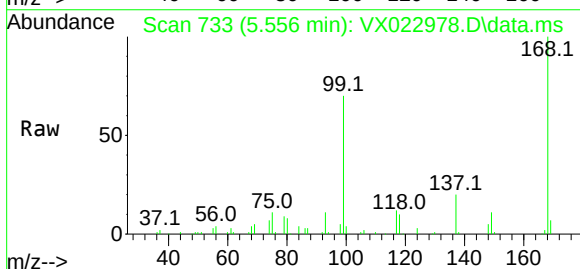
RT: 5.556 min Scan# 733

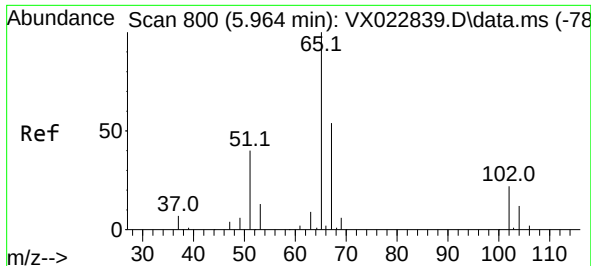
Delta R.T. 0.080 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

Tgt Ion:	56	Resp:	1679
Ion	Ratio	Lower	Upper
56	100		
69	147.8	25.3	37.9#
84	123.0	71.4	107.0#



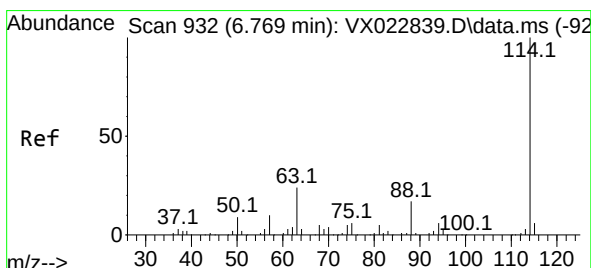
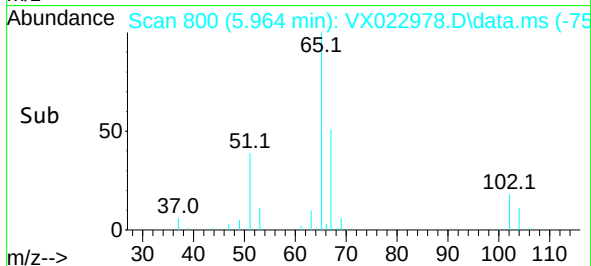
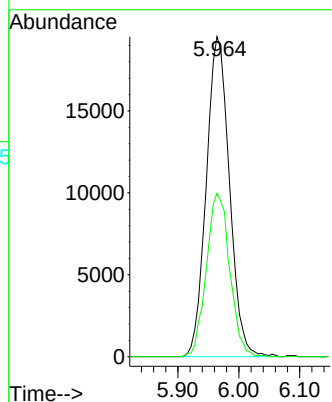
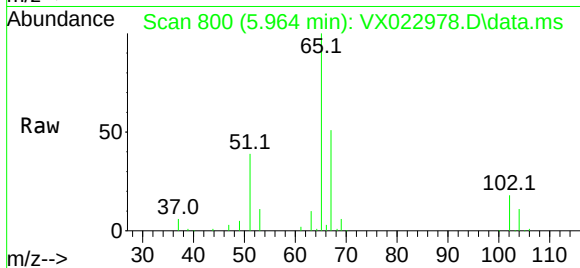


#33

1,2-Dichloroethane-d4
Concen: 54.511 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

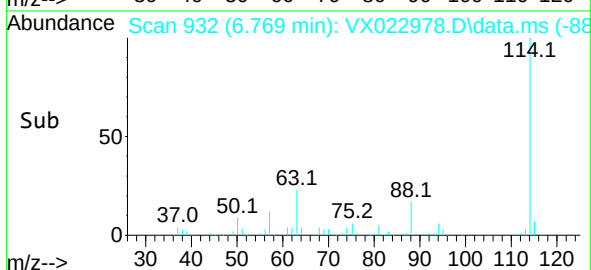
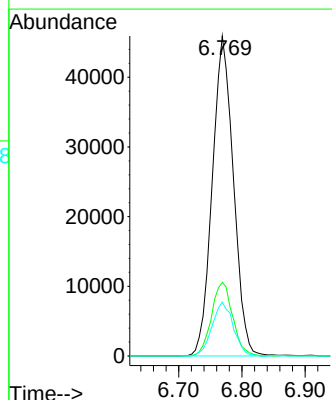
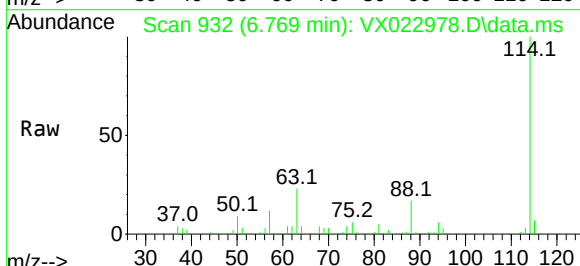
Tgt Ion: 65 Resp: 51590
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

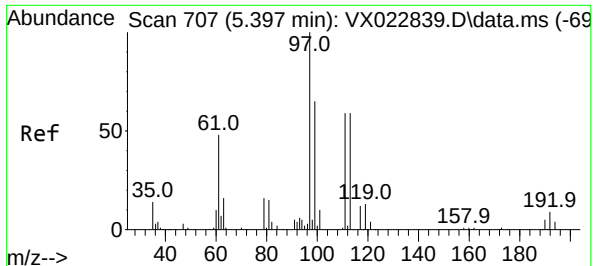


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 114 Resp: 106512
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.986 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

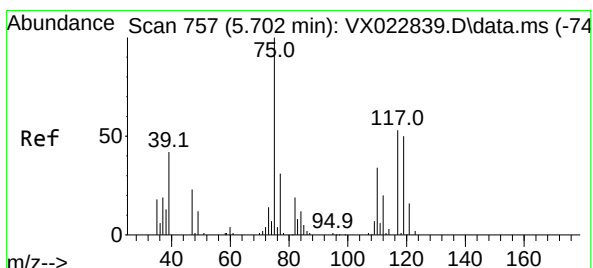
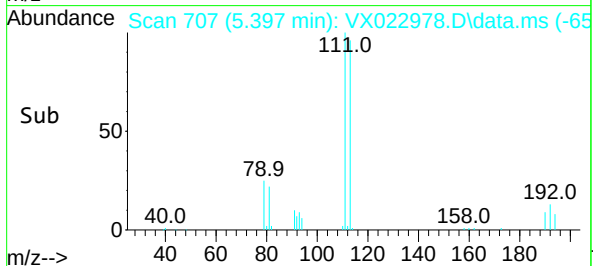
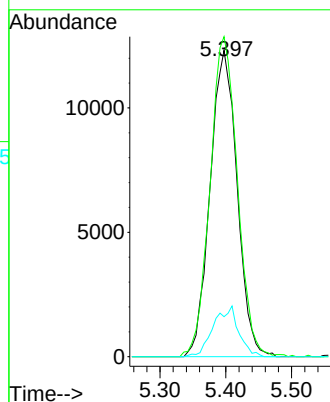
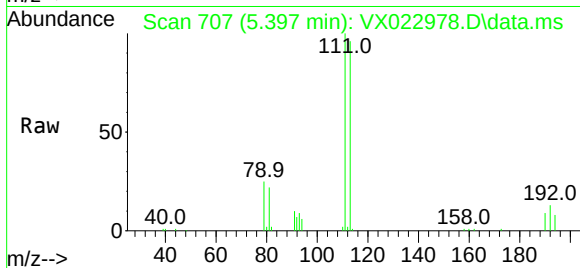
Tgt Ion:113 Resp: 35162

Ion Ratio Lower Upper

113 100

111 106.0 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

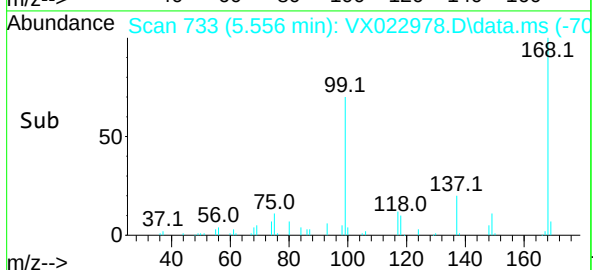
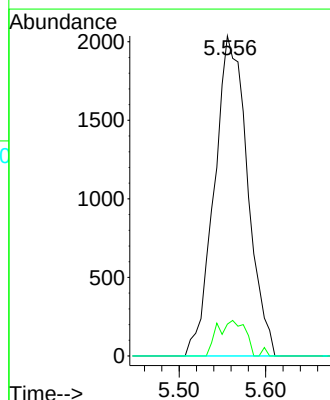
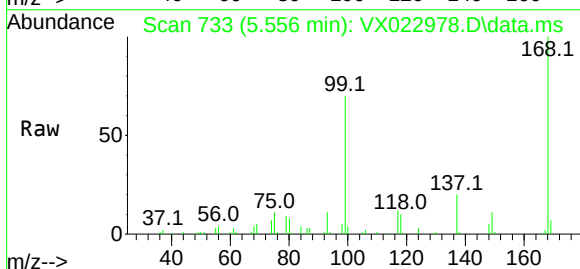
Tgt Ion: 75 Resp: 5422

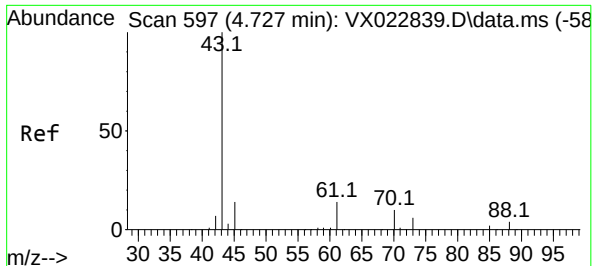
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 4.319 ug/l

RT: 4.574 min Scan# 572

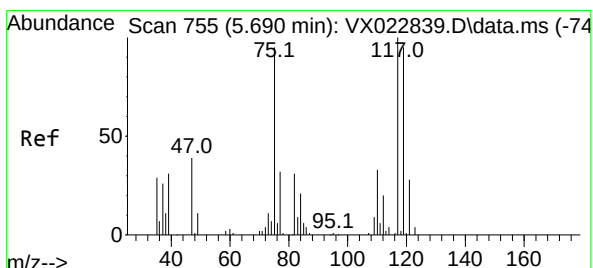
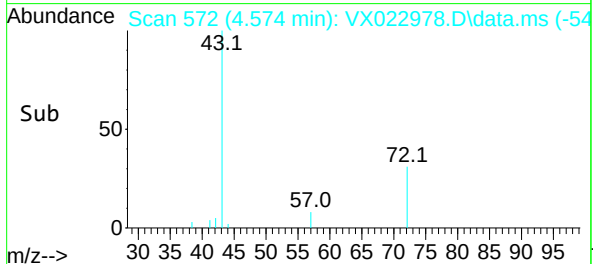
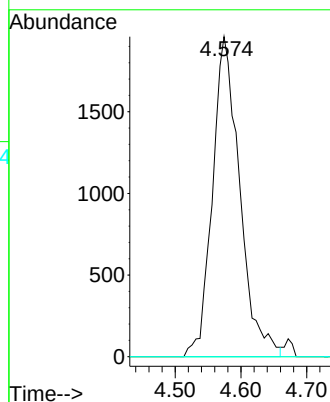
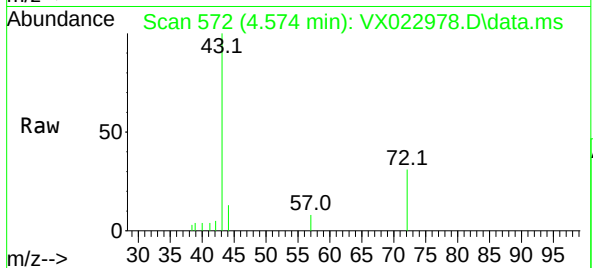
Delta R.T. -0.153 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

Tgt Ion:	43	Resp:	5660
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622



#38

Carbon Tetrachloride

Concen: 6.884 ug/l

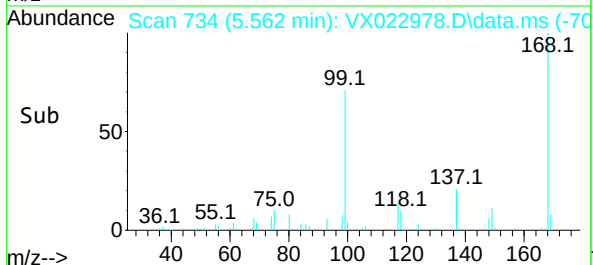
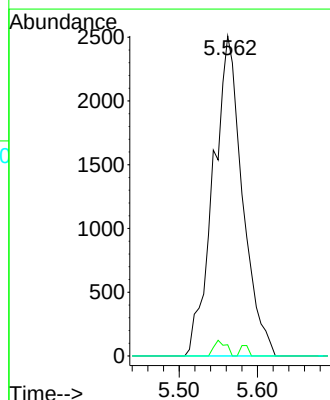
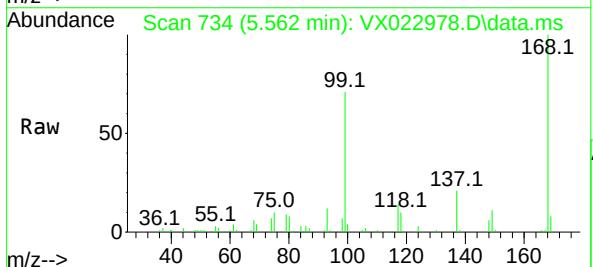
RT: 5.562 min Scan# 734

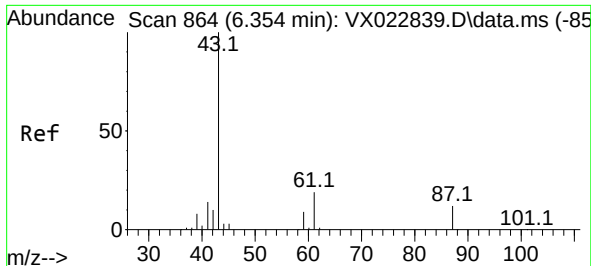
Delta R.T. -0.128 min

Lab File: VX022978.D

Acq: 28 Jun 2021 14:39

Tgt Ion:	117	Resp:	6532
Ion Ratio	Lower	Upper	
117	100		
119	3.5	76.2	114.2#
121	0.0	24.8	37.2#

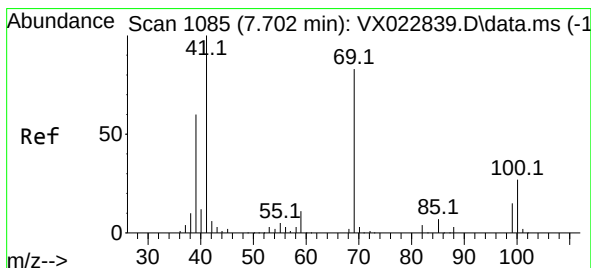
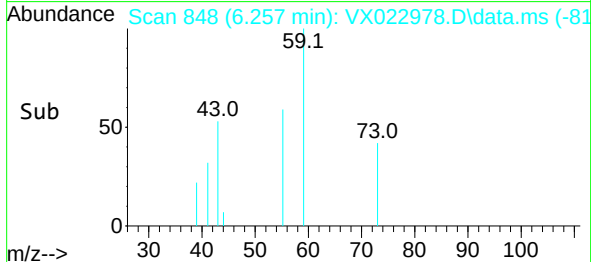
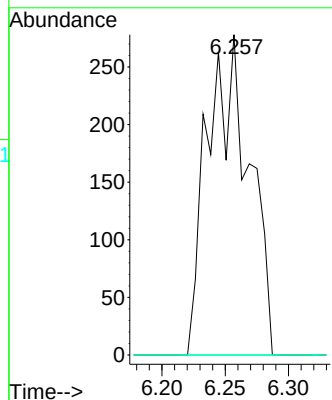
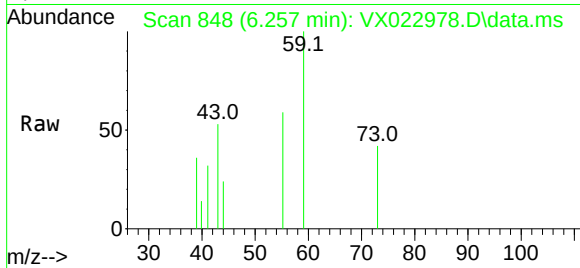




#43
Isopropyl Acetate
Concen: 0.303 ug/l
RT: 6.257 min Scan# 848
Delta R.T. -0.097 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

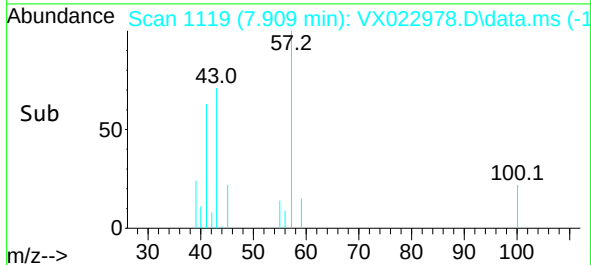
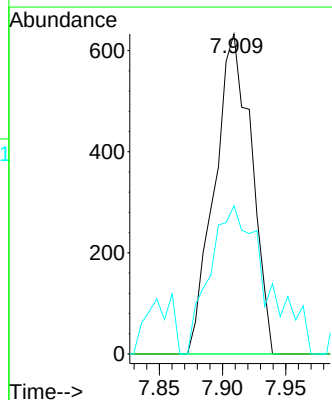
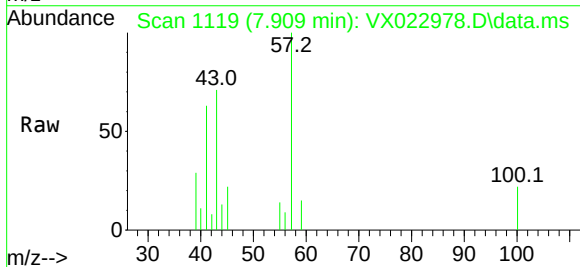
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

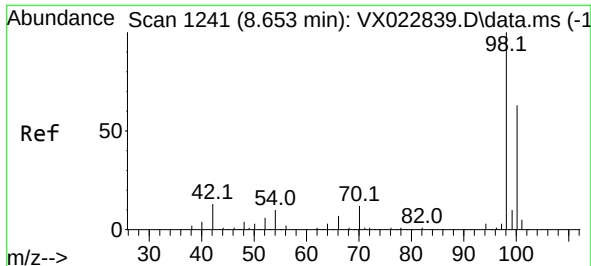
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 1.315 ug/l
RT: 7.909 min Scan# 1119
Delta R.T. 0.207 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 41 Resp: 1282
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 71.4 44.6 67.0#

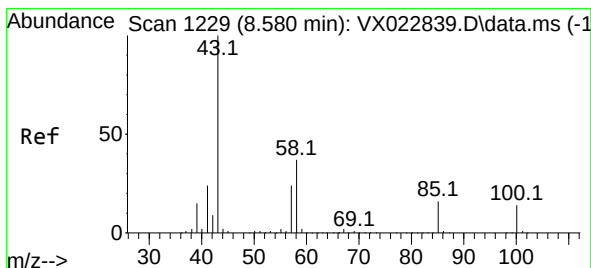
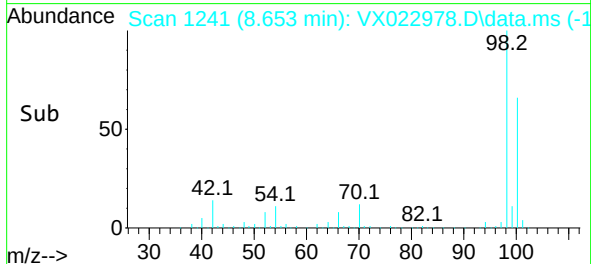
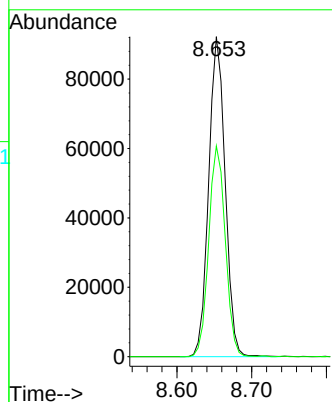
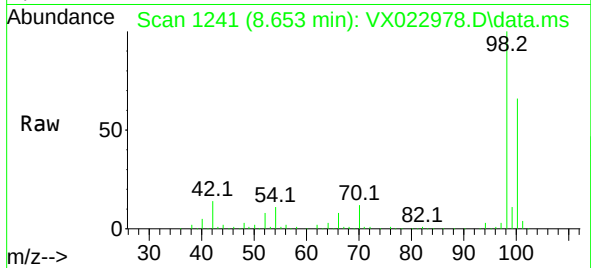




#50
Toluene-d8
Concen: 53.372 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

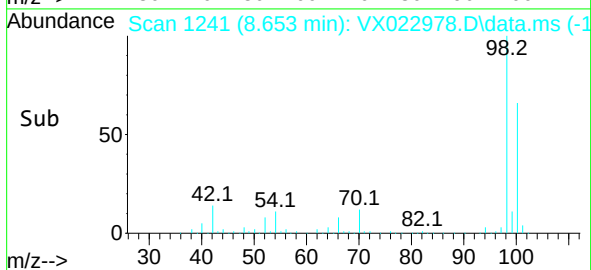
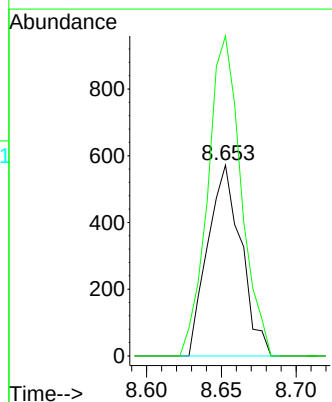
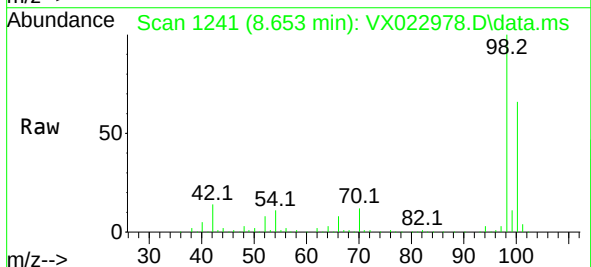
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

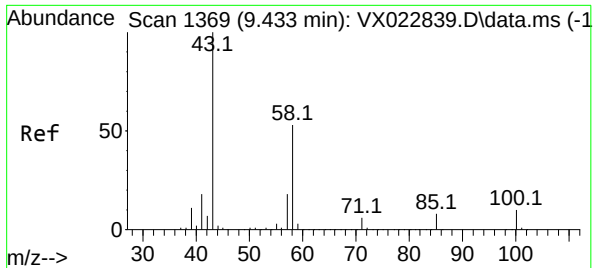
Tgt Ion: 98 Resp: 141480
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.677 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 167.5 35.4 53.0#

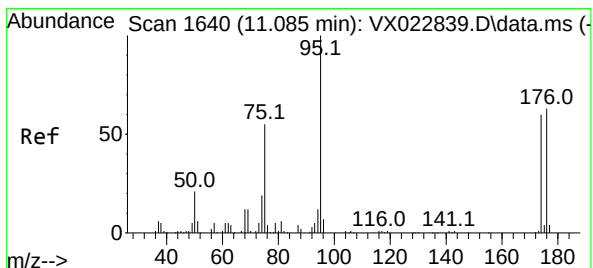
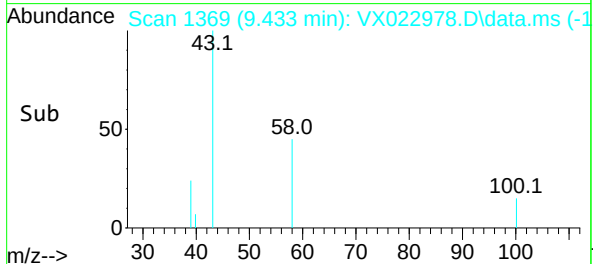
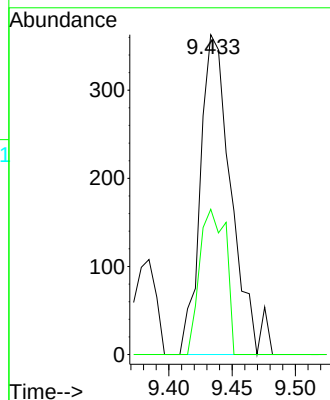
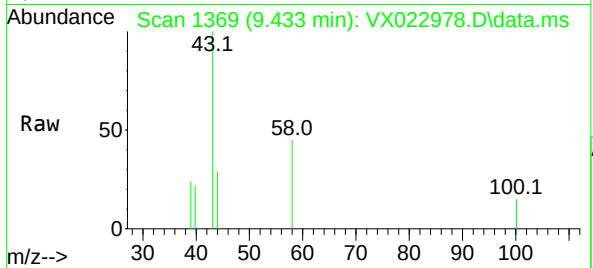




#59
2-Hexanone
Concen: 0.623 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

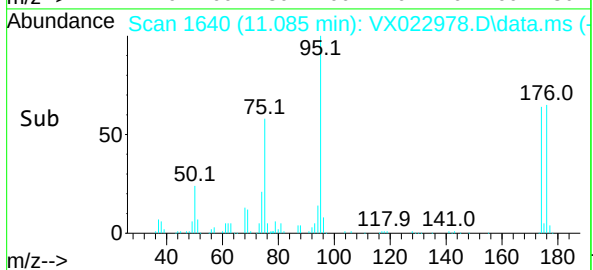
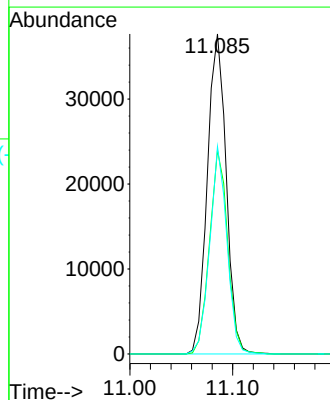
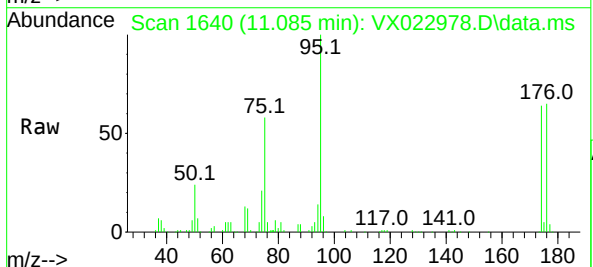
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

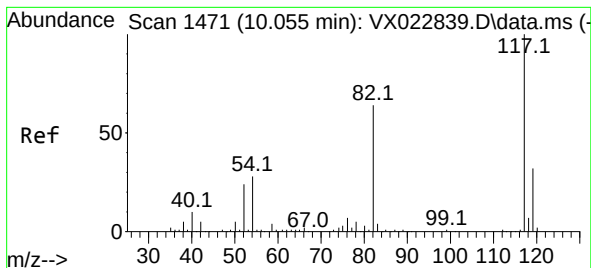
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 38.4 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 95 Resp: 48019
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.2 0.0 155.8

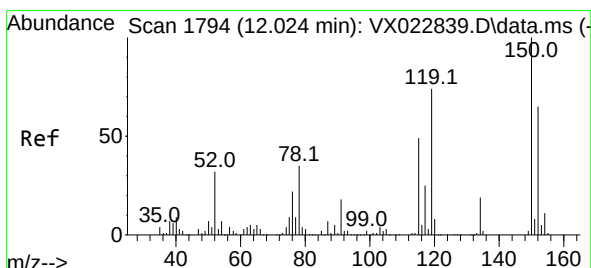
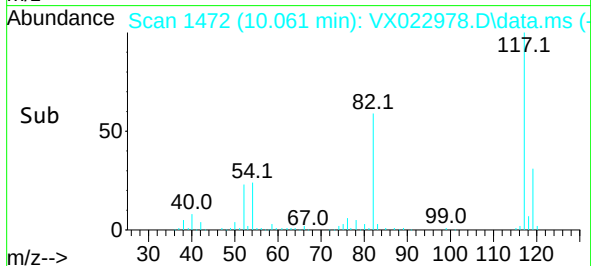
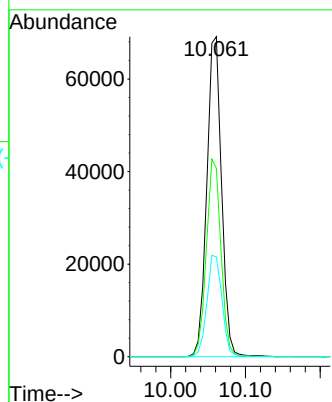
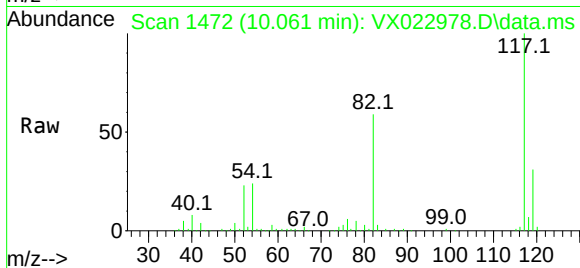




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

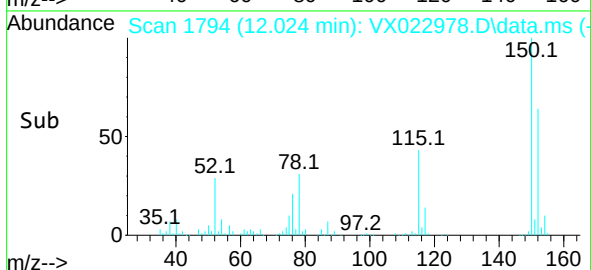
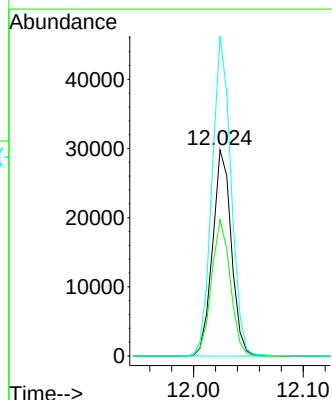
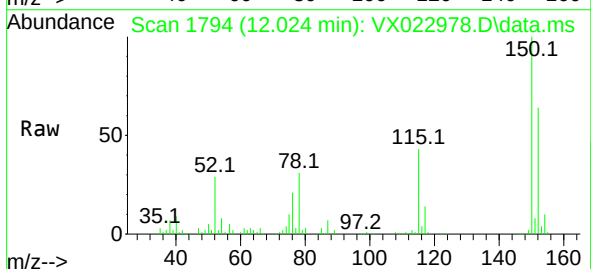
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

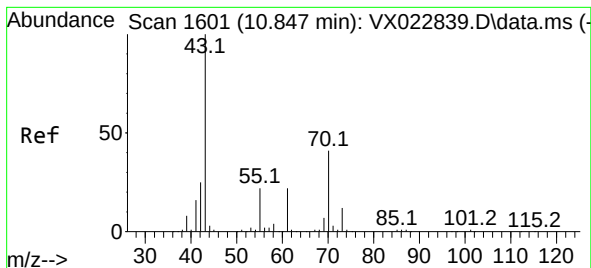
Tgt Ion:117 Resp: 94842
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion:152 Resp: 35353
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 157.9 0.0 349.0

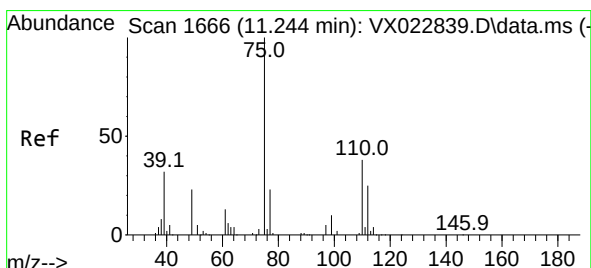
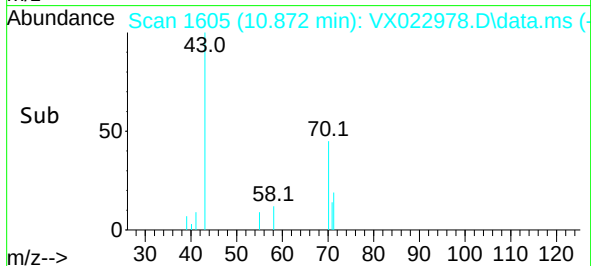
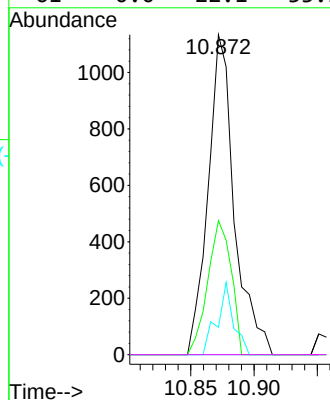
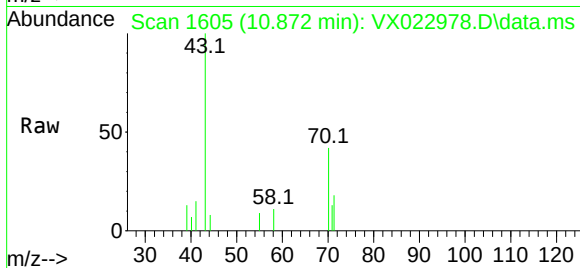




#74
N-amy1 acetate
Concen: 2.985 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.025 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

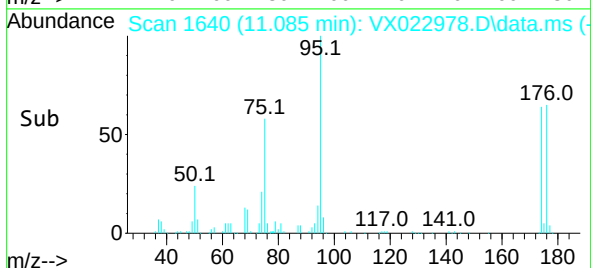
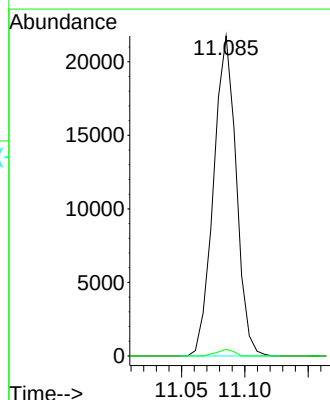
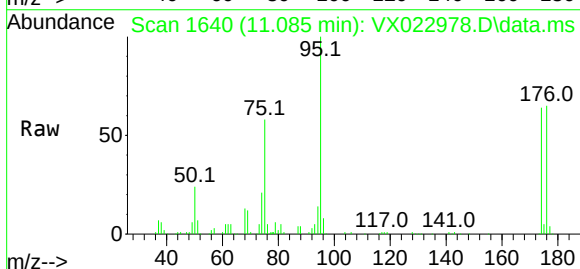
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

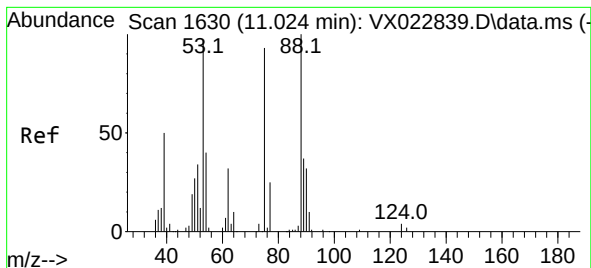
Tgt Ion: 43	Resp: 1637
Ion Ratio	Lower Upper
43 100	
70 37.3	39.0 58.6#
55 14.1	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.968 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Tgt Ion: 75	Resp: 27051
Ion Ratio	Lower Upper
75 100	
77 1.6	19.1 57.5#

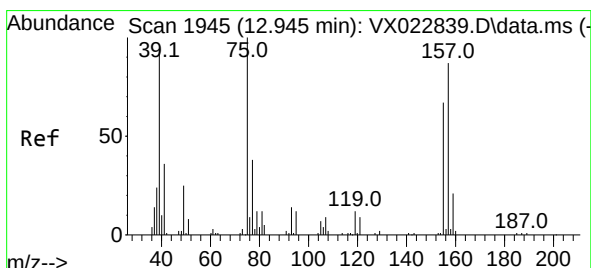
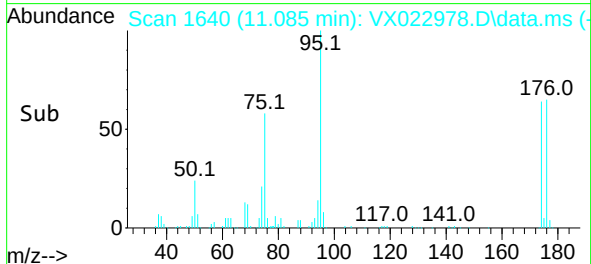
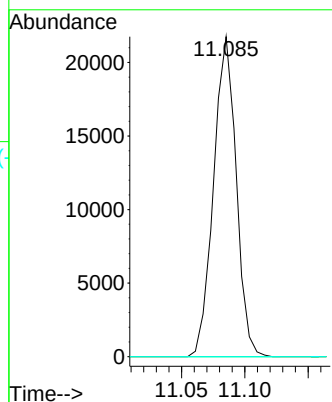
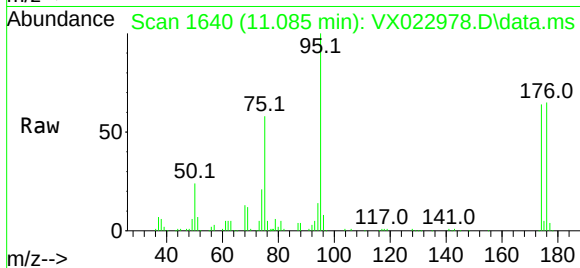




#81
trans-1,4-Dichloro-2-butene
Concen: 74.567 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

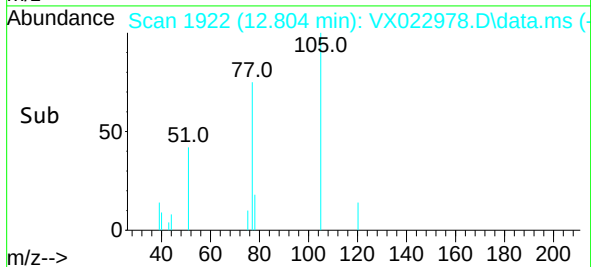
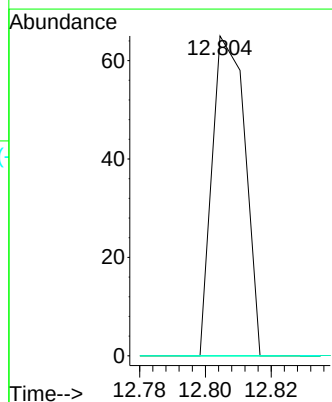
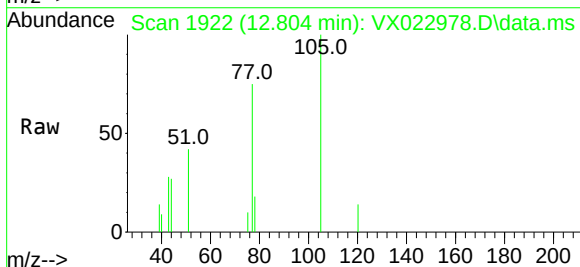
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

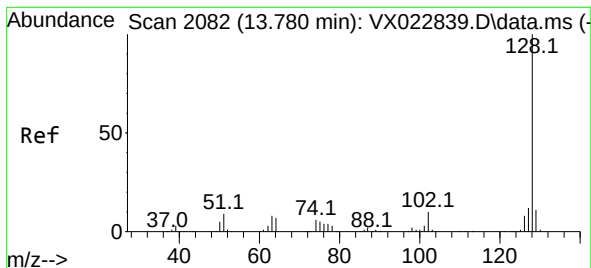
Tgt Ion: 75 Resp: 27051
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.143 ug/l
RT: 12.804 min Scan# 1922
Delta R.T. -0.141 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

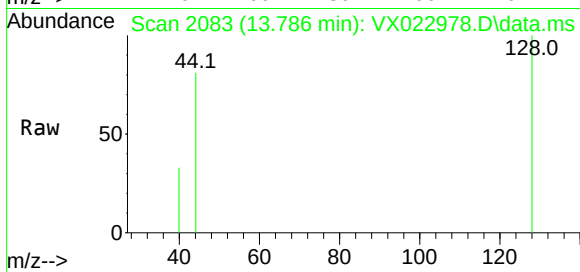
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#





#95
Naphthalene
Concen: 2.012 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022978.D
Acq: 28 Jun 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622



Tgt Ion:128 Resp: 267
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

