

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030105.D
 Acq On : 18 Jul 2022 13:02
 Operator : JC/MD
 Sample : N3755-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-071522

Quant Time: Jul 19 05:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

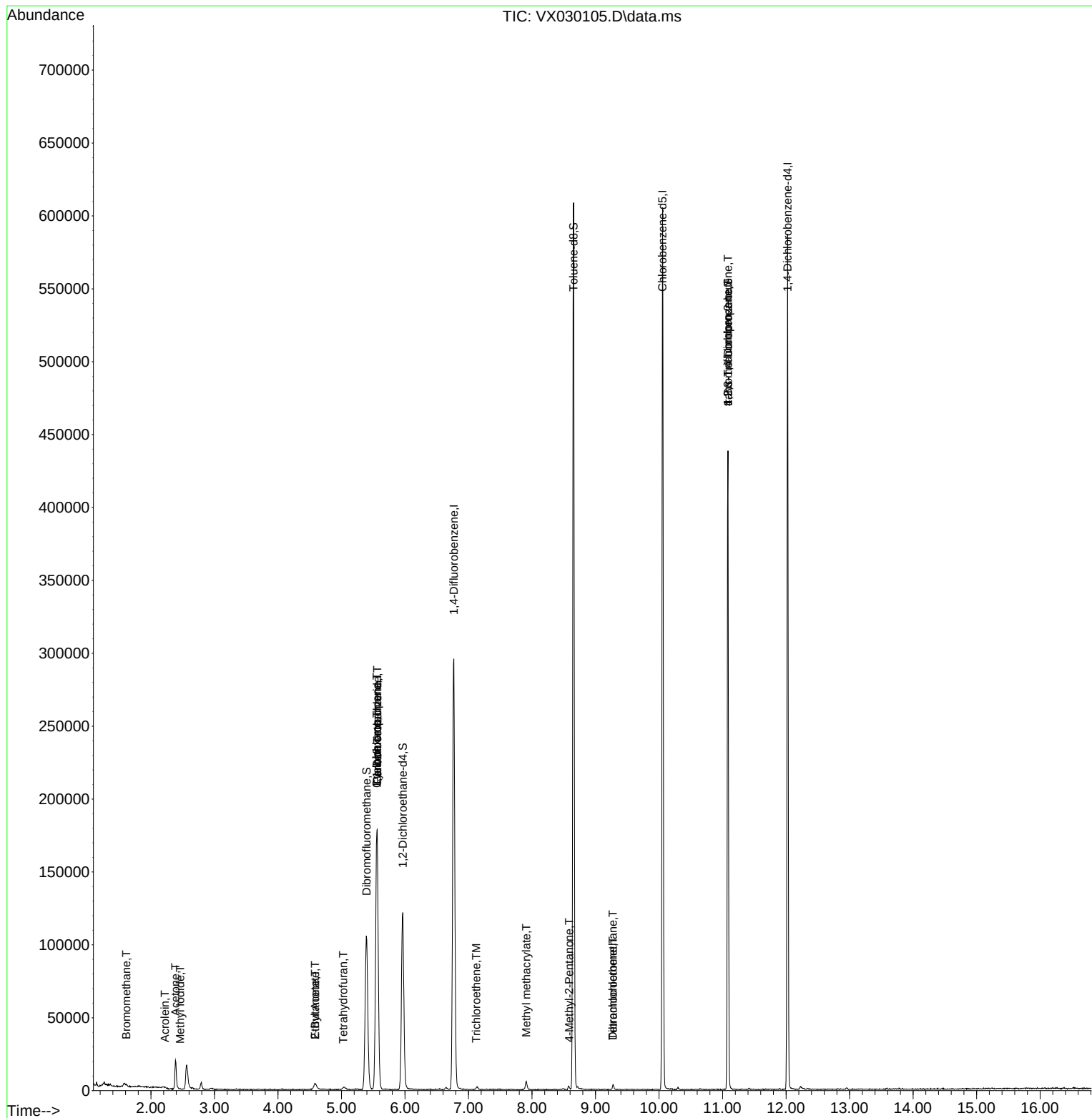
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	173953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108559	51.272	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.540%
35) Dibromofluoromethane	5.397	113	94708	47.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.653	98	358508	47.950	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.085	95	120107	46.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						Qvalue
5) Bromomethane	1.611	94	229	0.268	ug/l #	46
10) Methyl Iodide	2.459	142	289	2.566	ug/l #	84
13) Acrolein	2.221	56	60	0.551	ug/l #	14
16) Acetone	2.386	43	20233	20.280	ug/l	97
17) Carbon Disulfide	2.514	76	327	Below Cal	#	74
20) Methylene Chloride	2.794	84	2133	Below Cal		93
25) 2-Butanone	4.587	43	3235	1.903	ug/l #	64
29) Tetrahydrofuran	5.025	42	1504	1.304	ug/l	89
31) Cyclohexane	5.556	56	3968	1.293	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	13998	5.451	ug/l #	49
37) Ethyl Acetate	4.587	43	3235	0.980	ug/l #	70
38) Carbon Tetrachloride	5.562	117	17480	7.300	ug/l #	18
44) Trichloroethene	7.123	130	668	0.283	ug/l	64
48) Methyl methacrylate	7.909	41	2359	1.030	ug/l #	39
51) 4-Methyl-2-Pentanone	8.586	43	1487	0.453	ug/l	95
60) Dibromochloromethane	9.275	129	780	0.378	ug/l #	11
64) Tetrachloroethene	9.275	164	613	0.278	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	56614	21.769	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56614	62.824	ug/l #	13

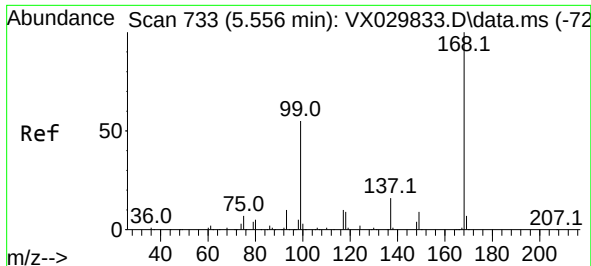
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
Data File : VX030105.D
Acq On : 18 Jul 2022 13:02
Operator : JC/MD
Sample : N3755-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

Quant Time: Jul 19 05:40:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

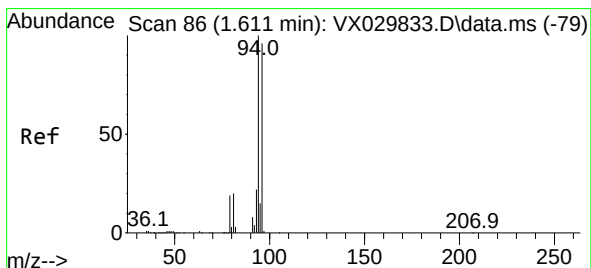
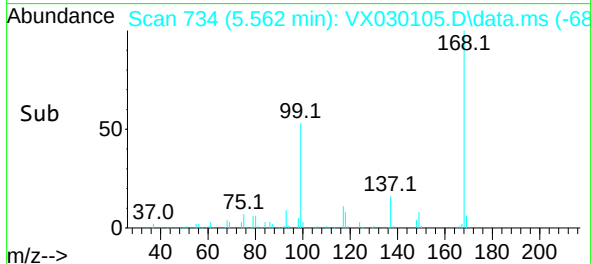
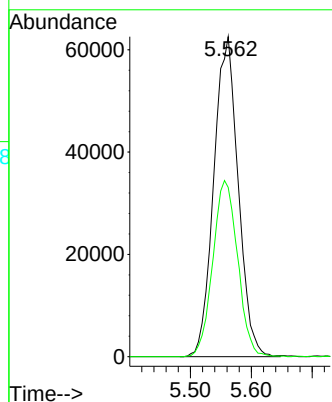
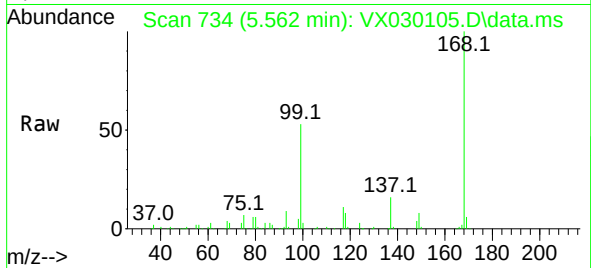




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

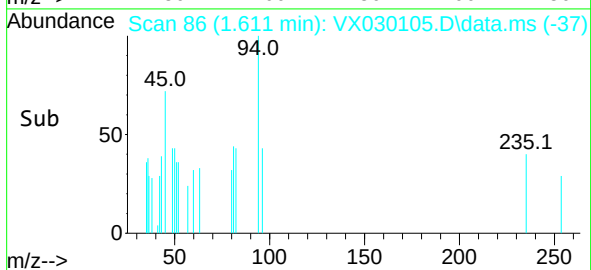
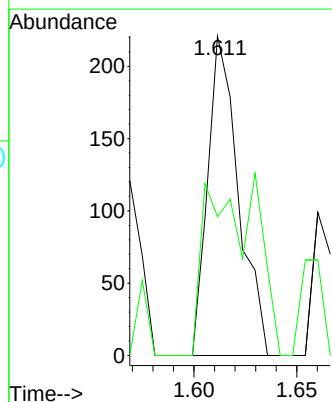
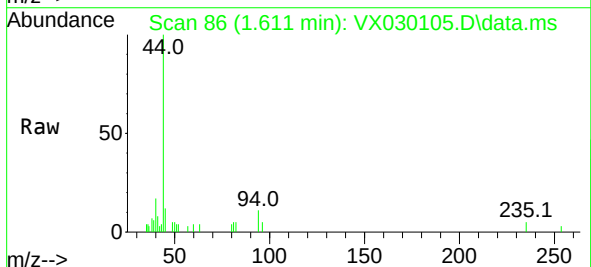
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

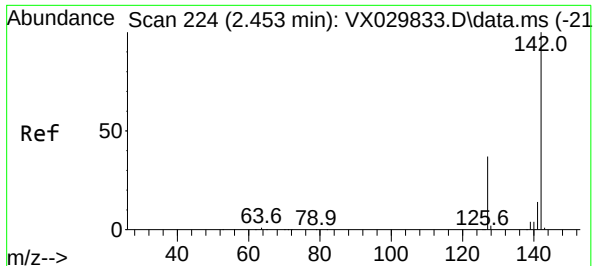
Tgt Ion:168 Resp: 173953
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 43.4 76.9 115.3#

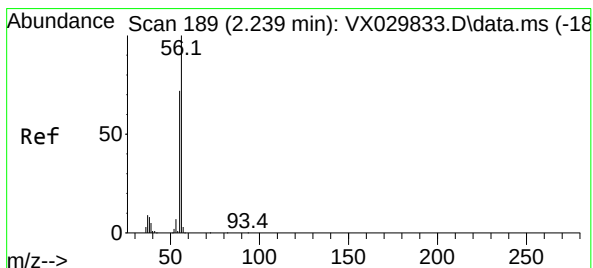
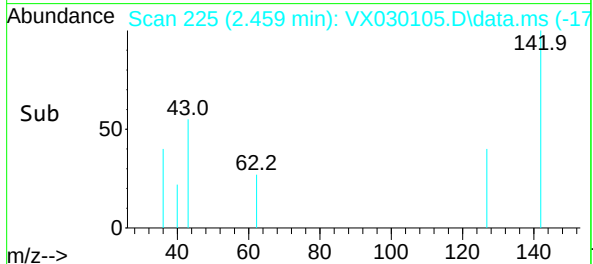
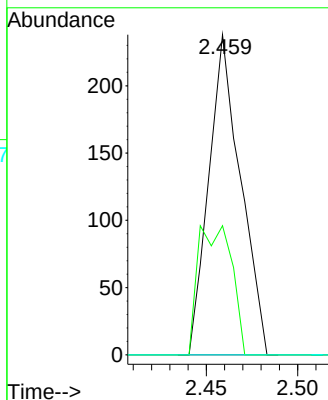
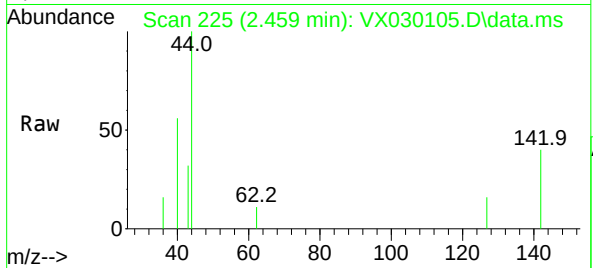




#10
Methyl Iodide
Concen: 2.566 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

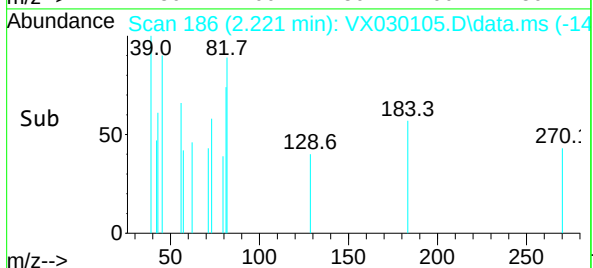
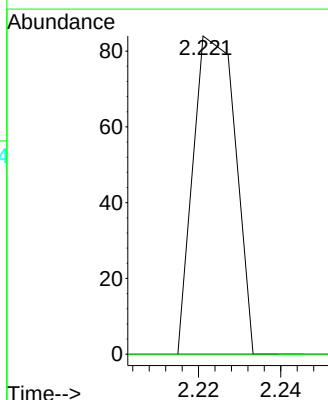
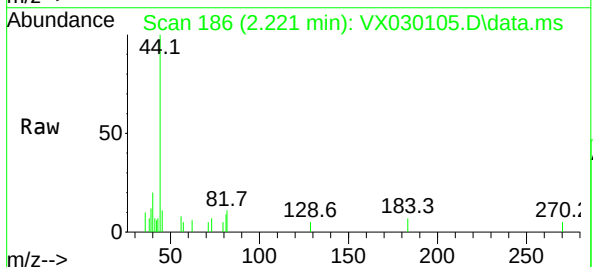
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

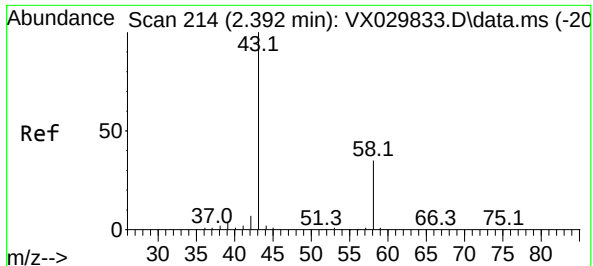
Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
127 42.9 30.2 45.2
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 0.551 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

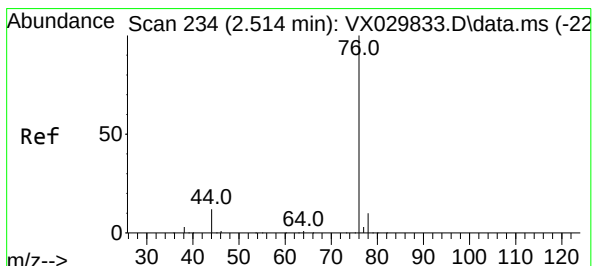
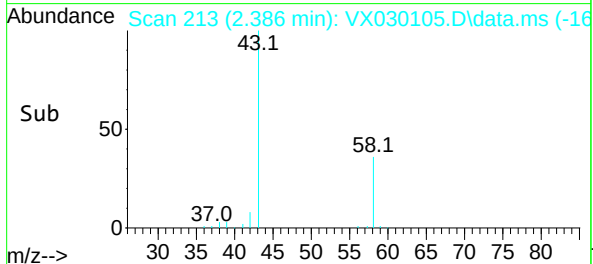
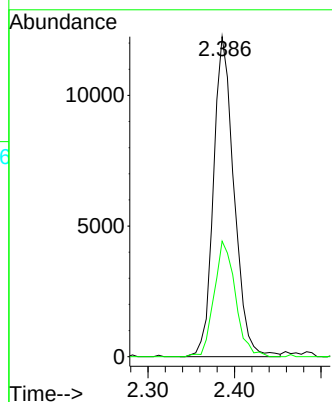
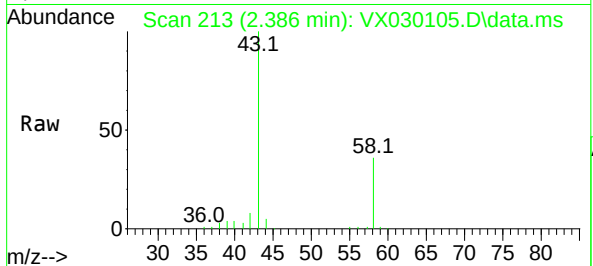




#16
Acetone
Concen: 20.280 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

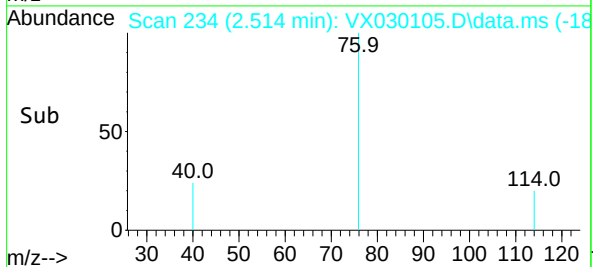
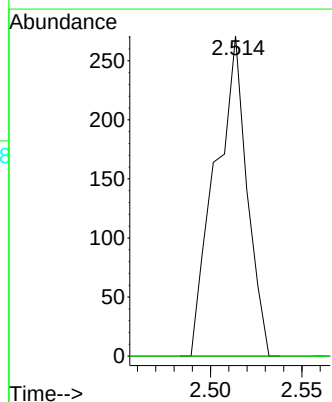
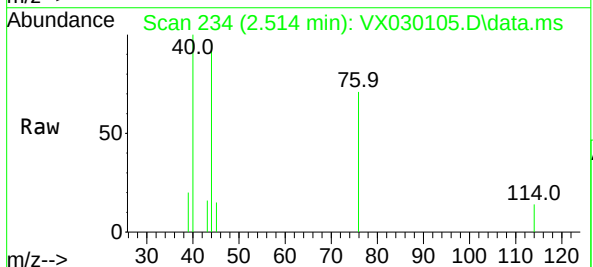
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

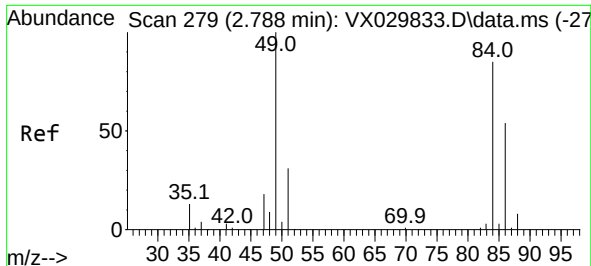
Tgt Ion: 43 Resp: 20233
Ion Ratio Lower Upper
43 100
58 36.1 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 76 Resp: 327
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



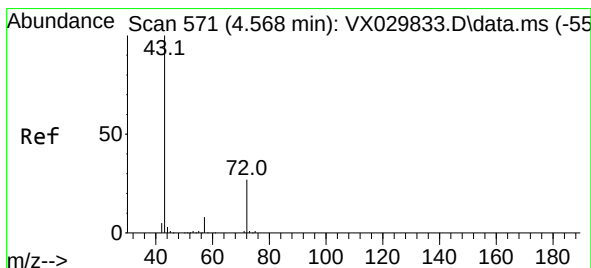
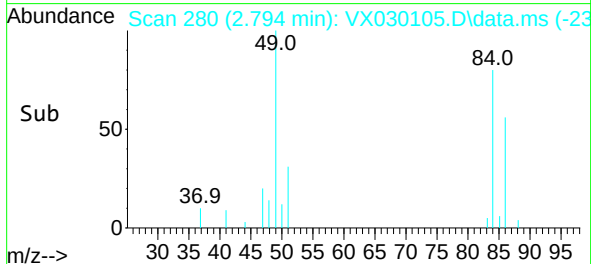
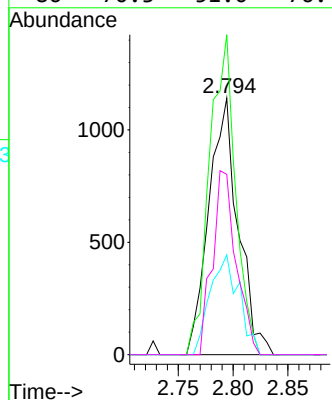
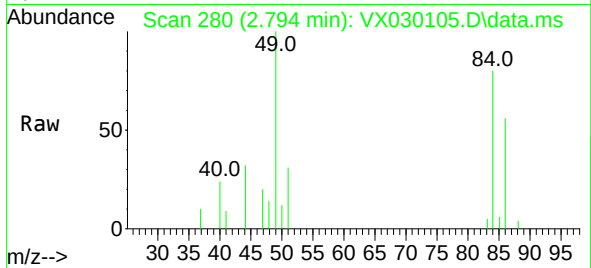


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

Tgt Ion: 84 Resp: 2133

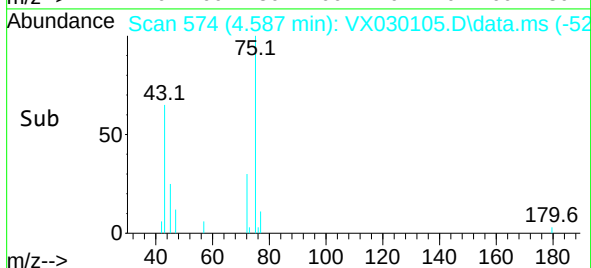
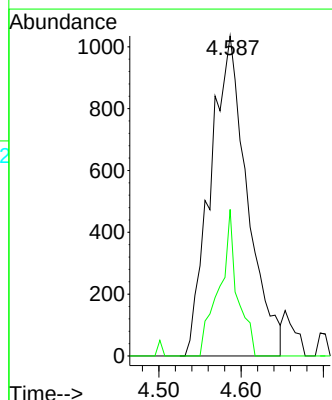
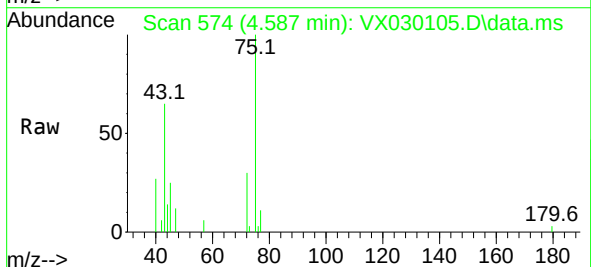
Ion	Ratio	Lower	Upper
84	100		
49	124.8	93.8	140.6
51	38.9	29.4	44.0
86	70.3	51.0	76.4

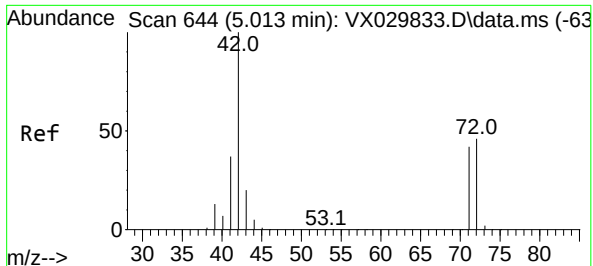


#25
2-Butanone
Concen: 1.903 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 43 Resp: 3235

Ion	Ratio	Lower	Upper
43	100		
72	45.8	21.7	32.5





#29

Tetrahydrofuran

Concen: 1.304 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

EB-01-071522

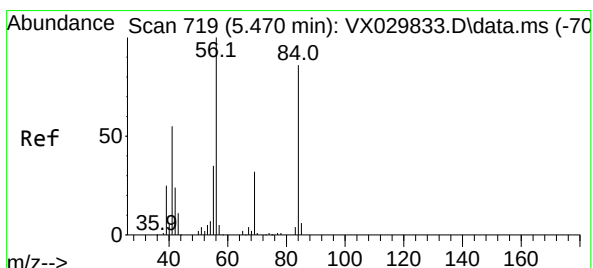
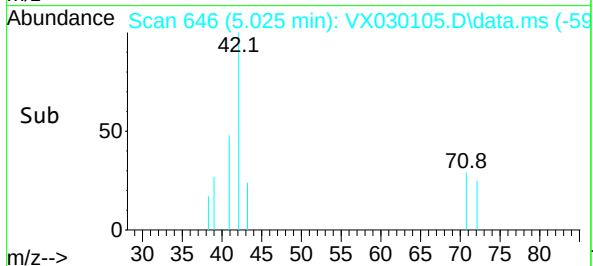
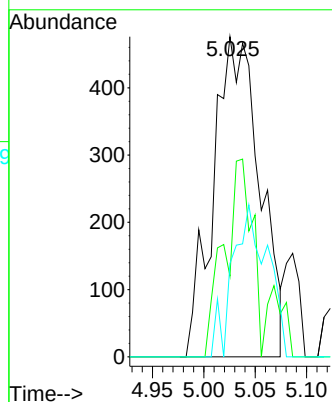
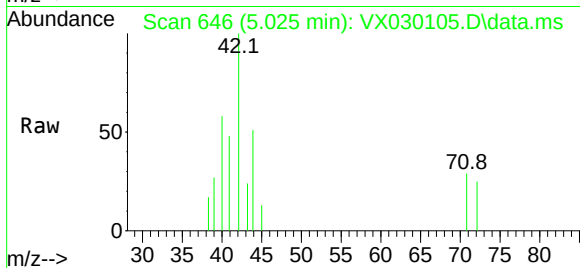
Tgt Ion: 42 Resp: 1504

Ion Ratio Lower Upper

42 100

72 38.8 36.5 54.7

71 35.6 33.9 50.9



#31

Cyclohexane

Concen: 1.293 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

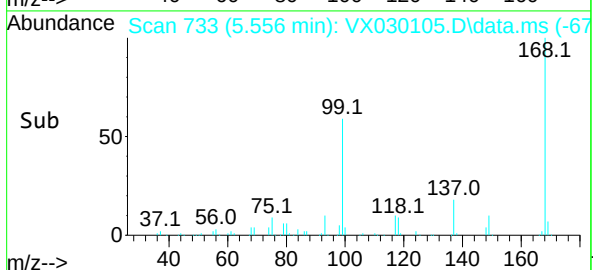
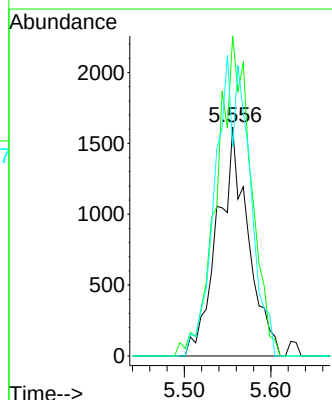
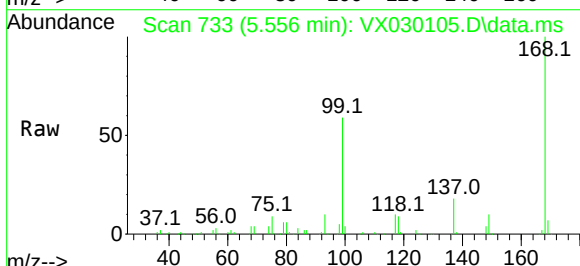
Tgt Ion: 56 Resp: 3968

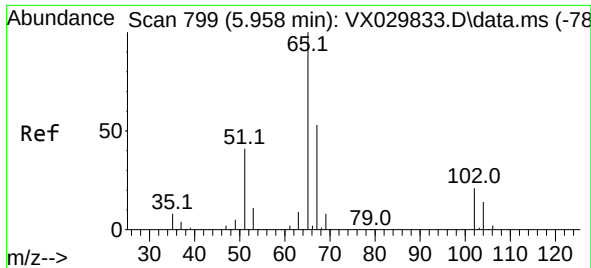
Ion Ratio Lower Upper

56 100

69 139.8 25.4 38.0#

84 91.4 68.9 103.3

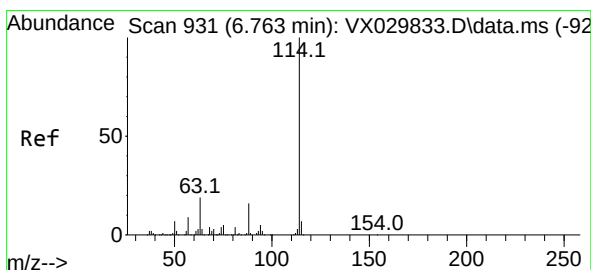
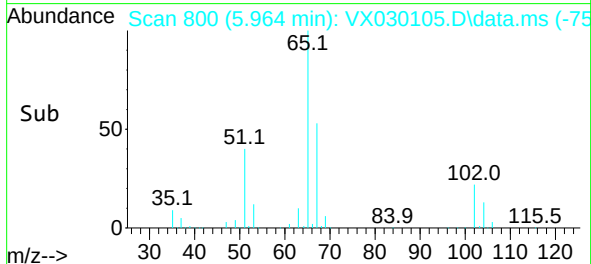
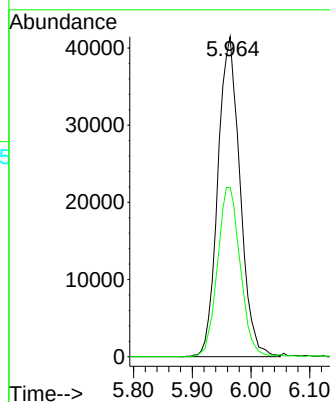
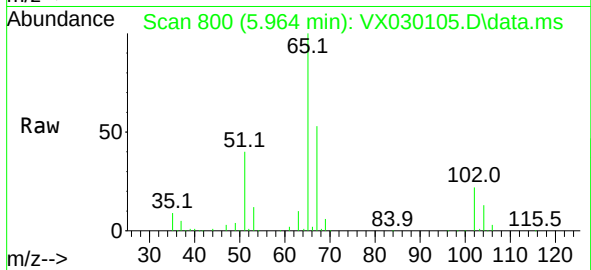




#33
 1,2-Dichloroethane-d4
 Concen: 51.272 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX030105.D
 Acq: 18 Jul 2022 13:02

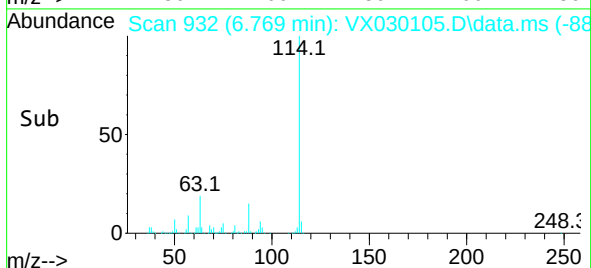
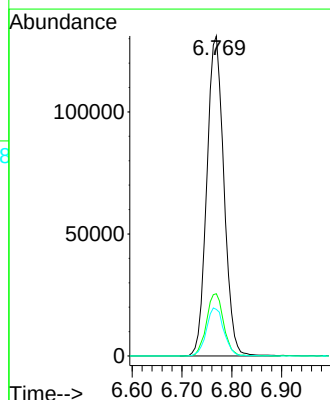
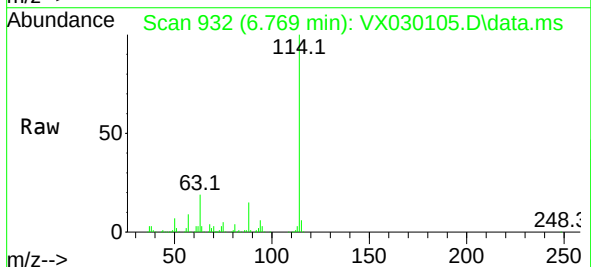
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-071522

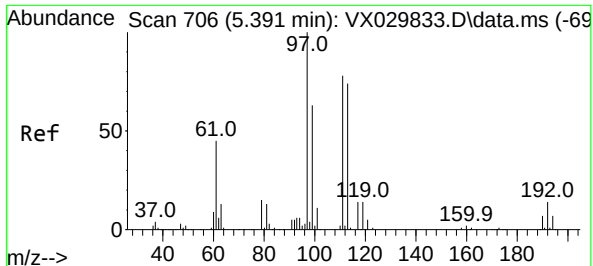
Tgt Ion: 65 Resp: 108559
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX030105.D
 Acq: 18 Jul 2022 13:02

Tgt Ion: 114 Resp: 311189
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.4
 88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.640 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

EB-01-071522

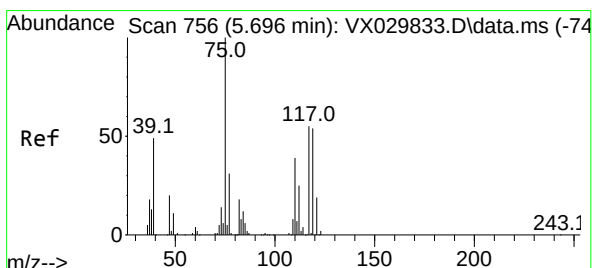
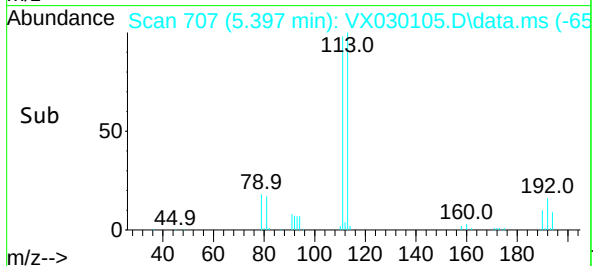
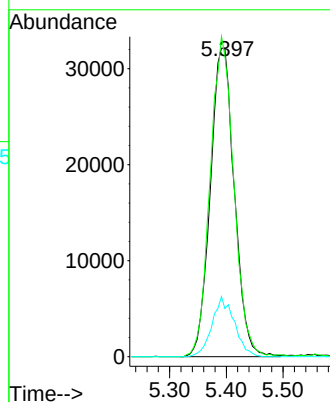
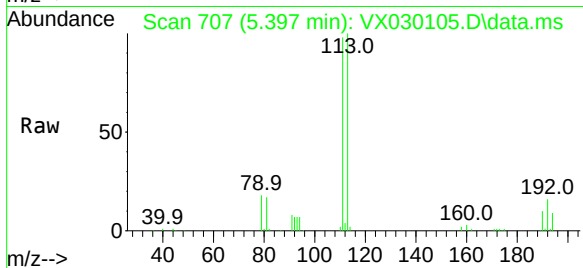
Tgt Ion:113 Resp: 94708

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.451 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

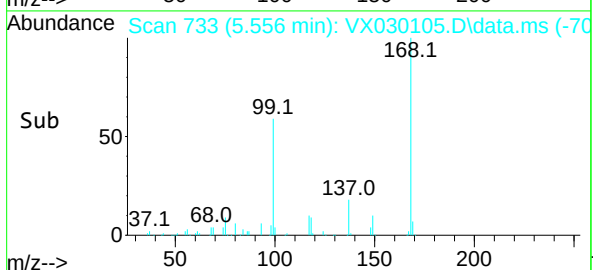
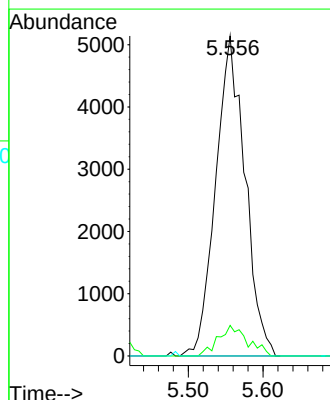
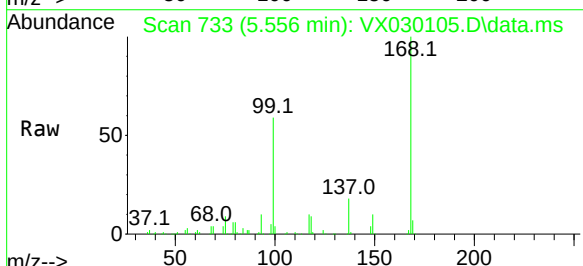
Tgt Ion: 75 Resp: 13998

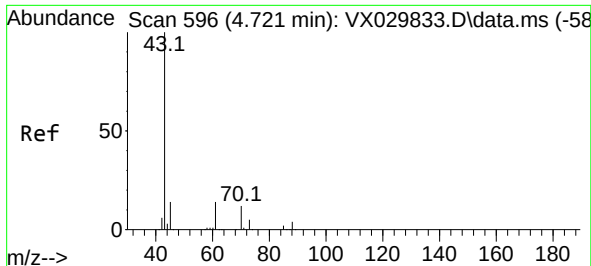
Ion Ratio Lower Upper

75 100

110 9.5 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.980 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

EB-01-071522

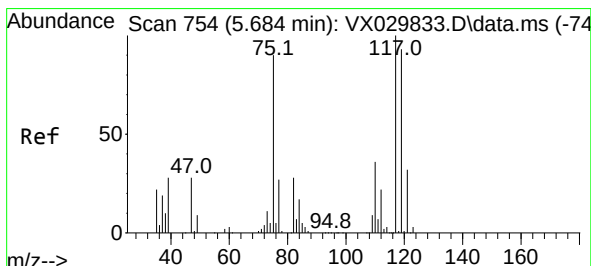
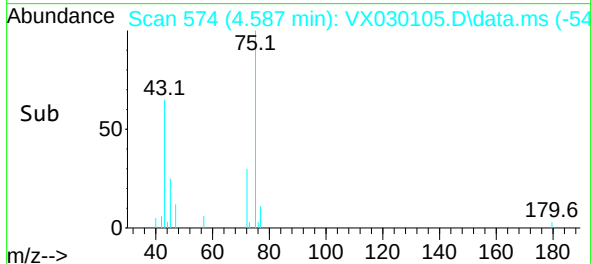
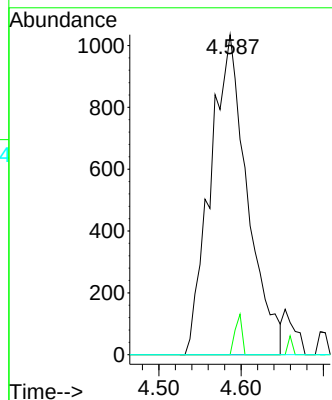
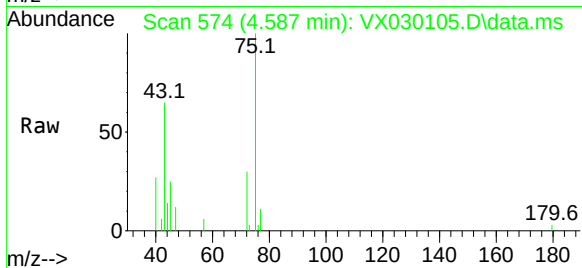
Tgt Ion: 43 Resp: 3235

Ion Ratio Lower Upper

43 100

61 2.4 11.7 17.5#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 7.300 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX030105.D

Acq: 18 Jul 2022 13:02

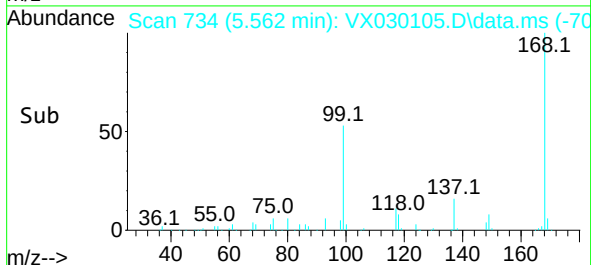
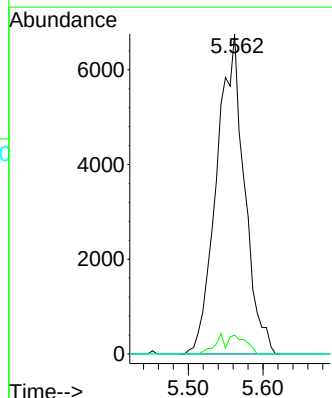
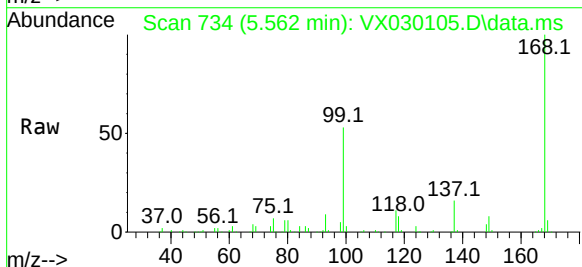
Tgt Ion: 117 Resp: 17480

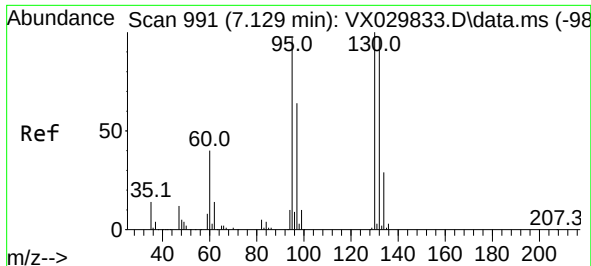
Ion Ratio Lower Upper

117 100

119 5.9 74.1 111.1#

121 0.0 25.8 38.8#

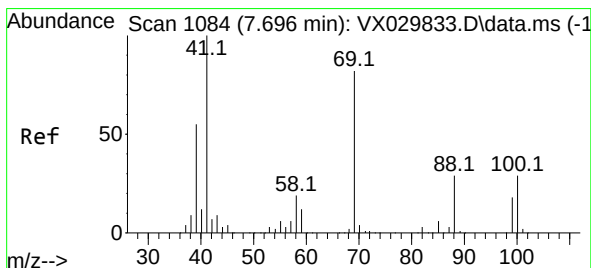
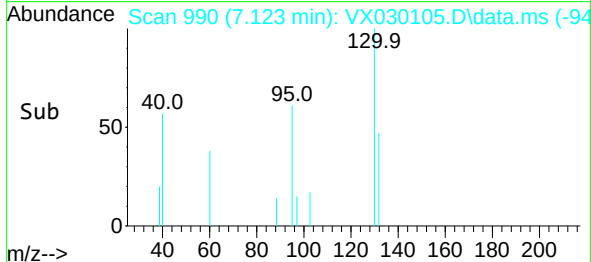
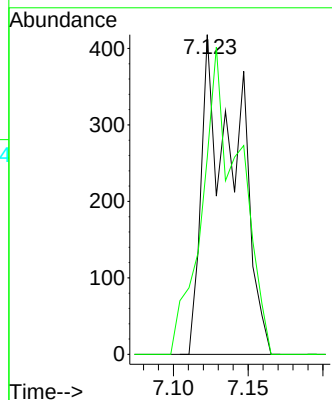
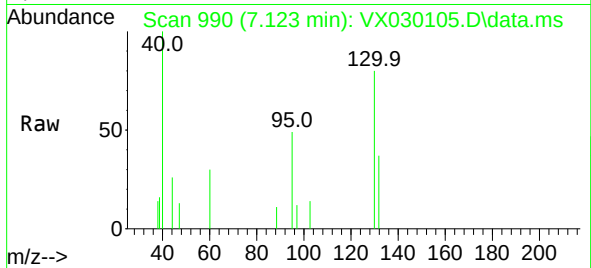




#44
Trichloroethene
Concen: 0.283 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

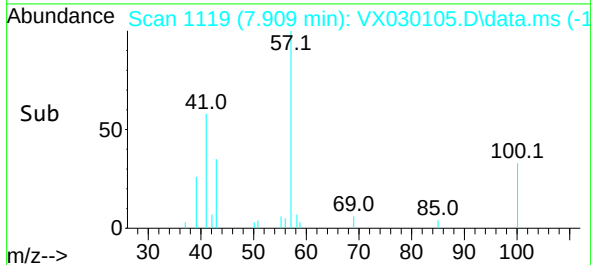
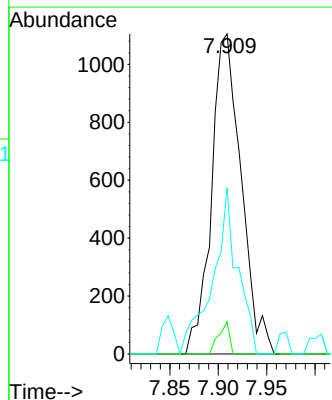
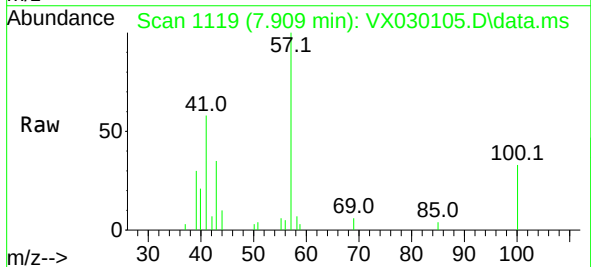
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

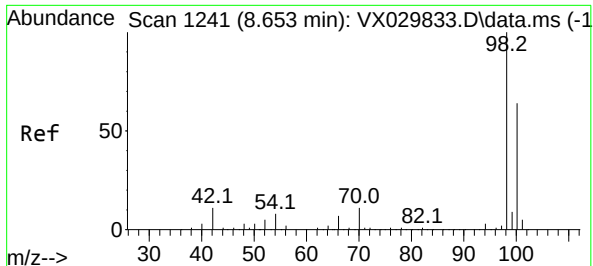
Tgt Ion:130 Resp: 668
Ion Ratio Lower Upper
130 100
95 61.5 0.0 194.8



#48
Methyl methacrylate
Concen: 1.030 ug/l
RT: 7.909 min Scan# 1119
Delta R.T. 0.213 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 41 Resp: 2359
Ion Ratio Lower Upper
41 100
69 3.6 68.8 103.2#
39 43.6 44.6 66.8#

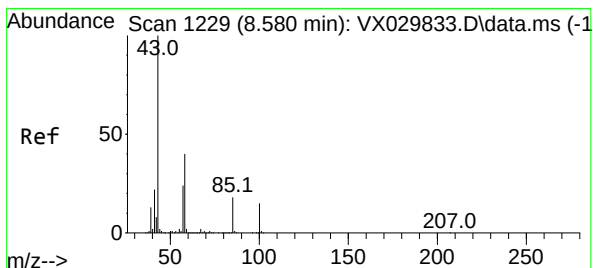
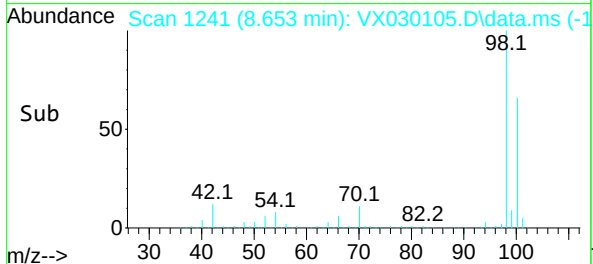
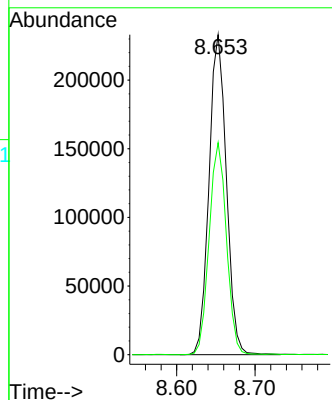
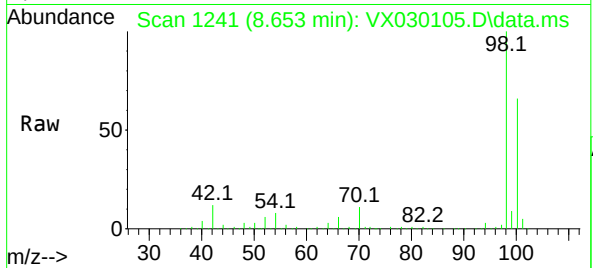




#50
Toluene-d8
Concen: 47.950 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

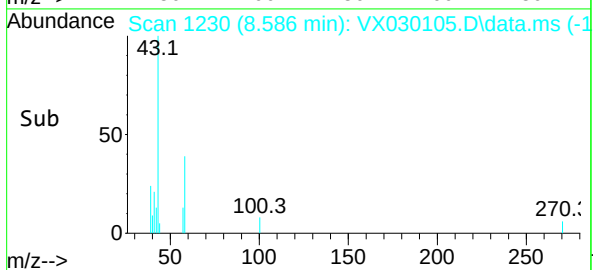
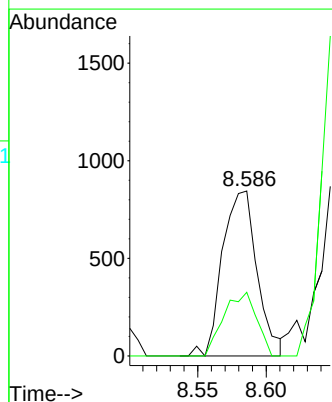
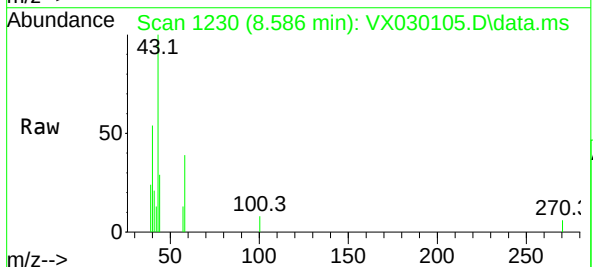
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

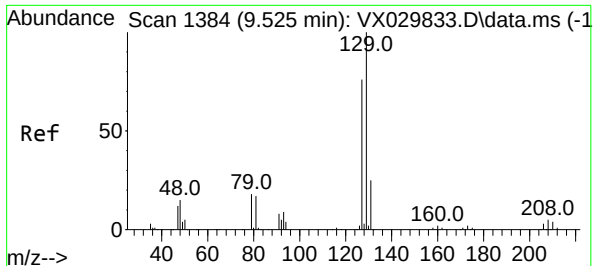
Tgt Ion: 98 Resp: 358508
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
58 36.5 31.4 47.2

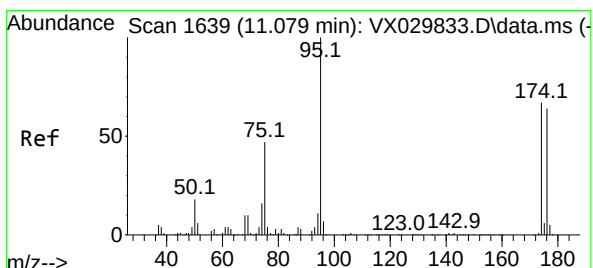
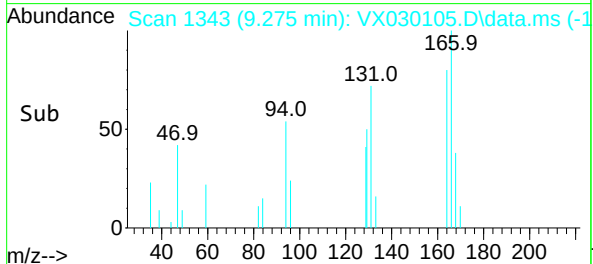
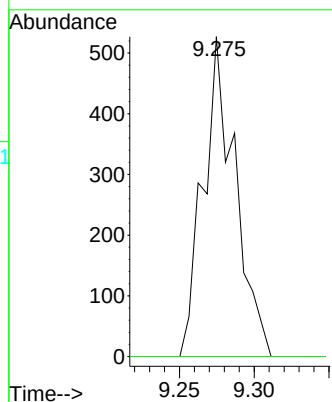
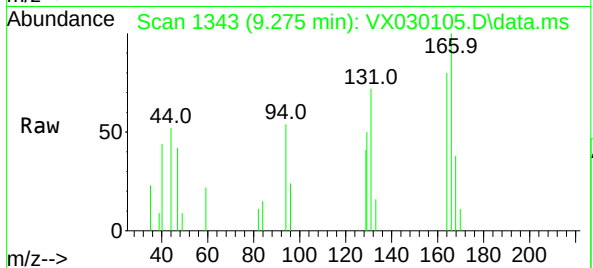




#60
Dibromochloromethane
Concen: 0.378 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

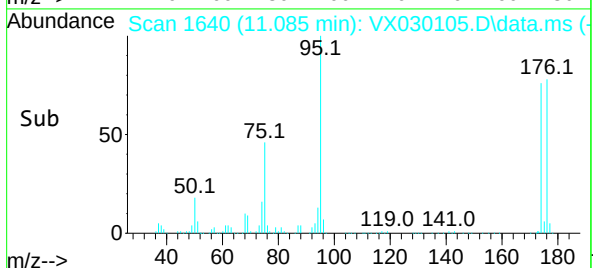
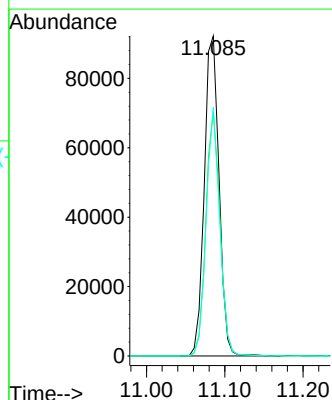
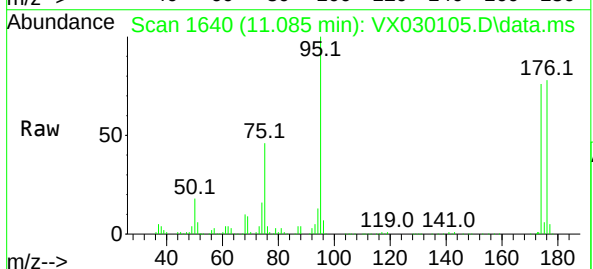
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

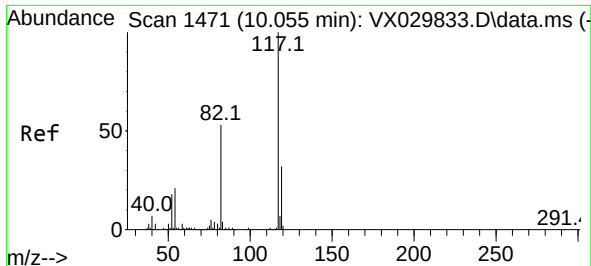
Tgt Ion:129 Resp: 780
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion: 95 Resp: 120107
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.0
176 71.6 0.0 146.0

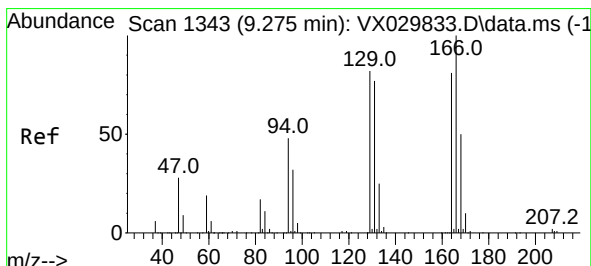
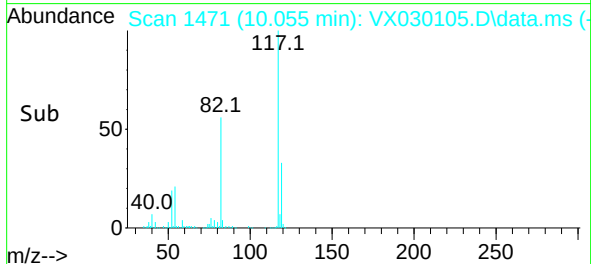
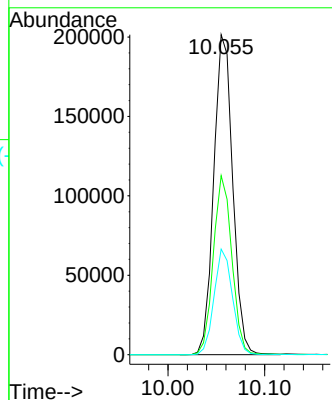
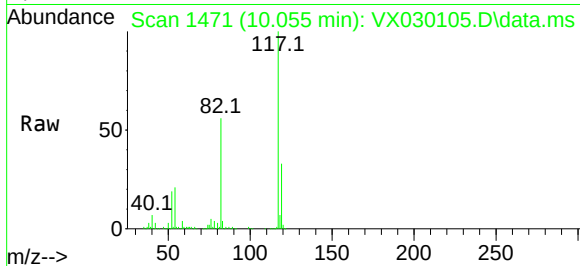




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

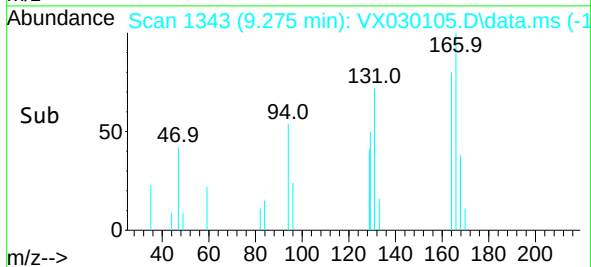
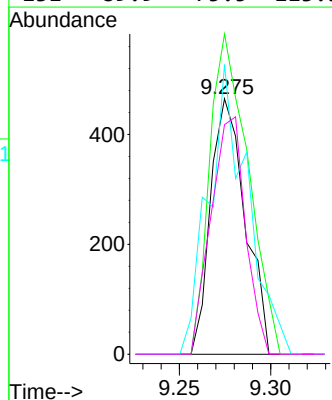
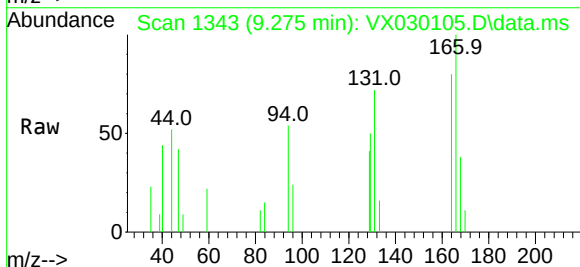
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071522

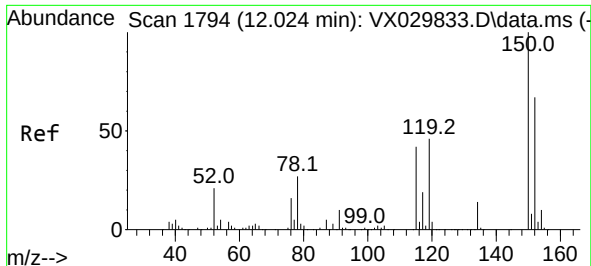
Tgt Ion:117 Resp: 274221
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030105.D
Acq: 18 Jul 2022 13:02

Tgt Ion:164 Resp: 613
Ion Ratio Lower Upper
164 100
166 125.4 98.2 147.4
129 113.3 80.8 121.2
131 89.9 75.5 113.3

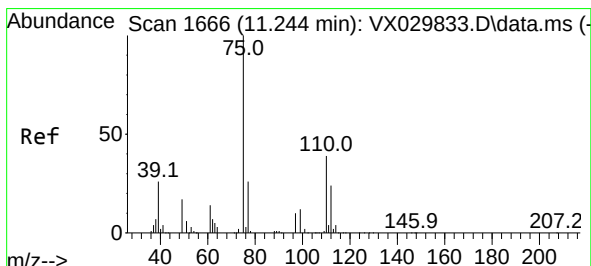
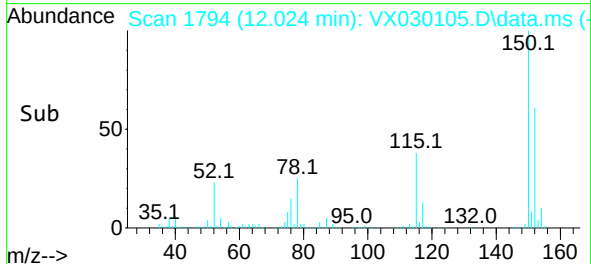
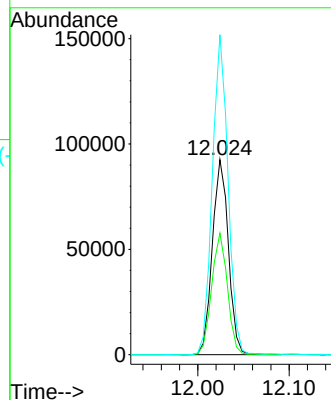
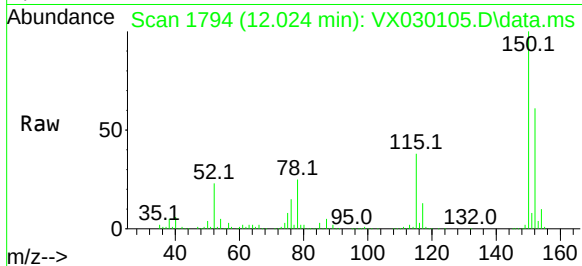




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030105.D
 Acq: 18 Jul 2022 13:02

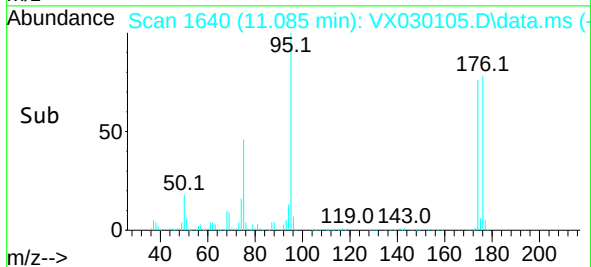
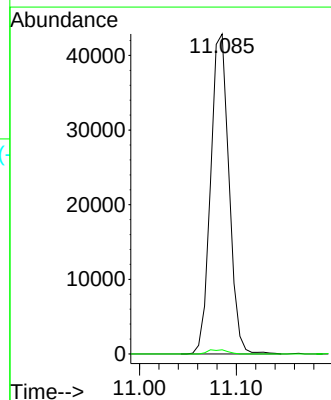
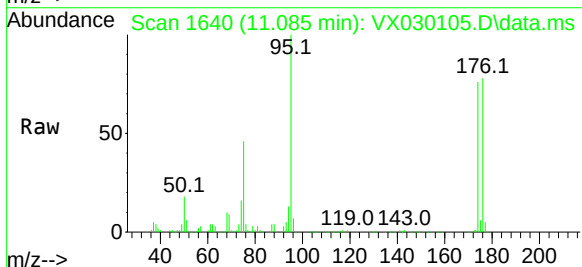
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-071522

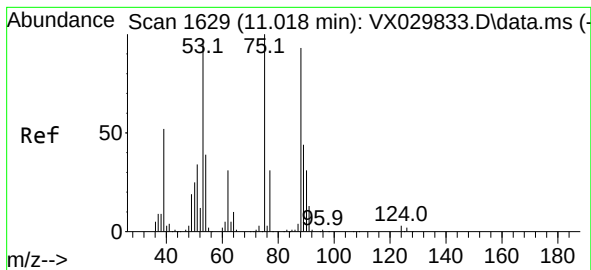
Tgt Ion:152 Resp: 113113
 Ion Ratio Lower Upper
 152 100
 115 61.2 40.5 121.5
 150 160.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.769 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030105.D
 Acq: 18 Jul 2022 13:02

Tgt Ion: 75 Resp: 56614
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.824 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030105.D
 Acq: 18 Jul 2022 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-071522

Tgt Ion: 75 Resp: 56614
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

