

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030894.D
 Acq On : 28 Aug 2022 01:40
 Operator : JC/MD
 Sample : N4360-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20220823

Quant Time: Aug 29 01:14:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

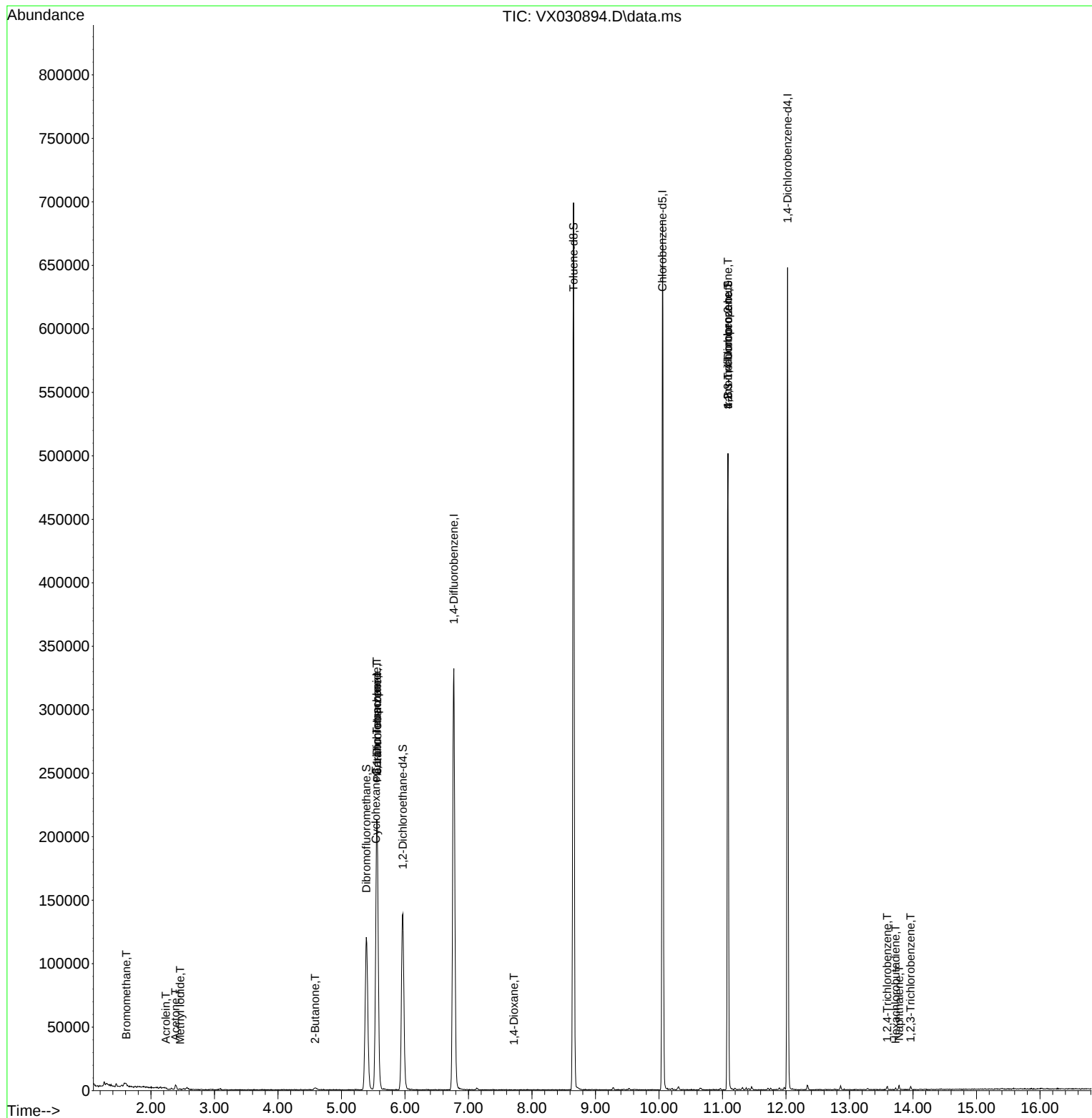
Internal Standards						
1) Pentafluorobenzene	5.562	168	191813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137809	61.079	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.160%
35) Dibromofluoromethane	5.391	113	107428	53.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.800%
50) Toluene-d8	8.653	98	398445	56.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.660%#
62) 4-Bromofluorobenzene	11.085	95	130406	49.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	312	Below Cal	#	87
4) Vinyl Chloride	1.380	62	19	Below Cal	#	29
5) Bromomethane	1.612	94	377	0.422	ug/l	84
6) Chloroethane	1.660	64	141	Below Cal	#	41
10) Methyl Iodide	2.459	142	544	4.350	ug/l #	91
13) Acrolein	2.233	56	154	10.393	ug/l #	14
16) Acetone	2.386	43	4054	3.888	ug/l	99
17) Carbon Disulfide	2.514	76	1132	Below Cal		96
20) Methylene Chloride	2.782	84	127	Below Cal	#	71
25) 2-Butanone	4.587	43	3284	1.955	ug/l #	86
31) Cyclohexane	5.544	56	4809	1.667	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	16762	6.118	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20849	7.215	ug/l #	18
49) 1,4-Dioxane	7.714	88	23	0.382	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	70949	26.555	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70949	85.677	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	648	0.259	ug/l	89
94) Hexachlorobutadiene	13.725	225	217	0.208	ug/l #	53
95) Naphthalene	13.780	128	2252	0.259	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	674	0.255	ug/l #	76

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
Data File : VX030894.D
Acq On : 28 Aug 2022 01:40
Operator : JC/MD
Sample : N4360-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

Quant Time: Aug 29 01:14:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

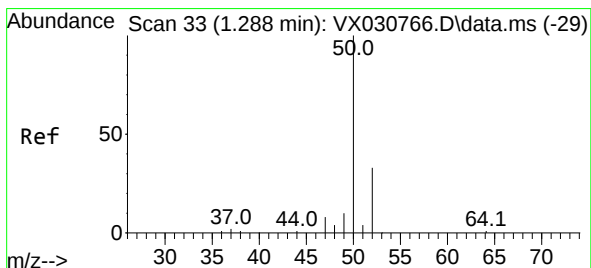
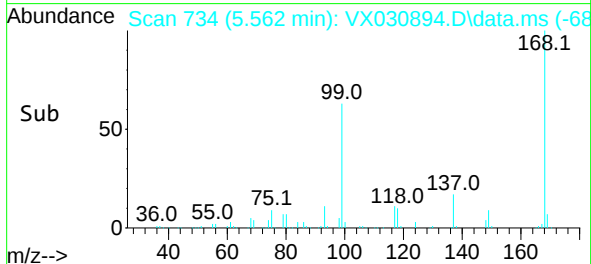
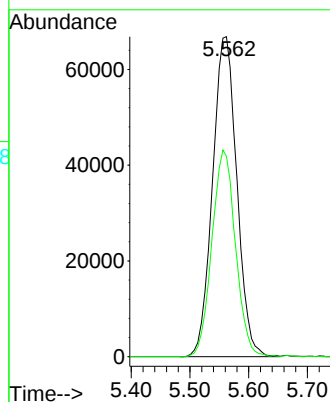
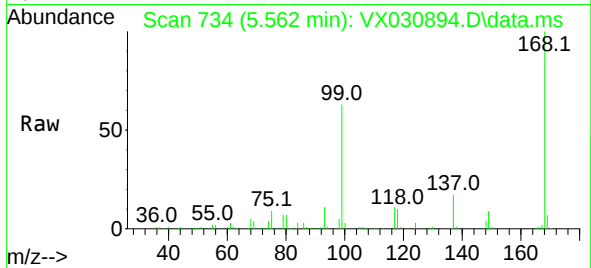




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

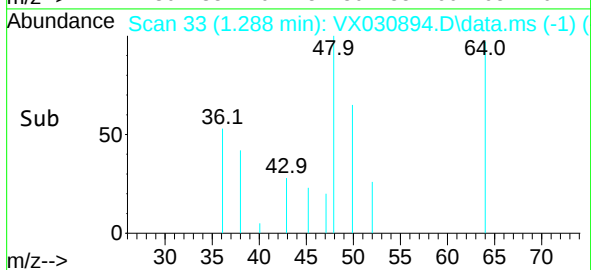
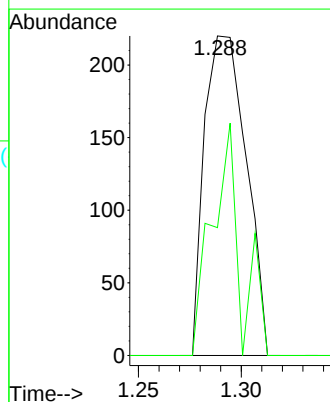
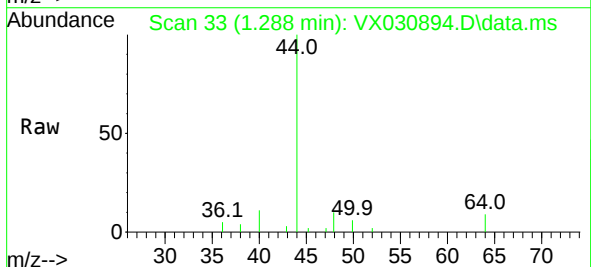
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

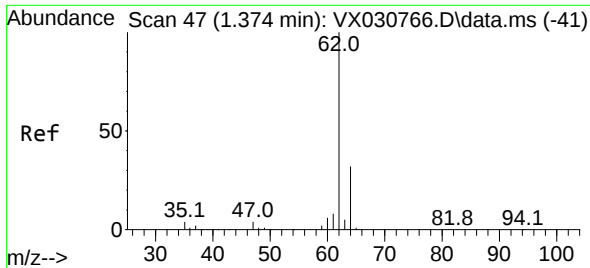
Tgt Ion:168 Resp: 191813
Ion Ratio Lower Upper
168 100
99 62.6 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 50 Resp: 312
Ion Ratio Lower Upper
50 100
52 40.0 26.3 39.5

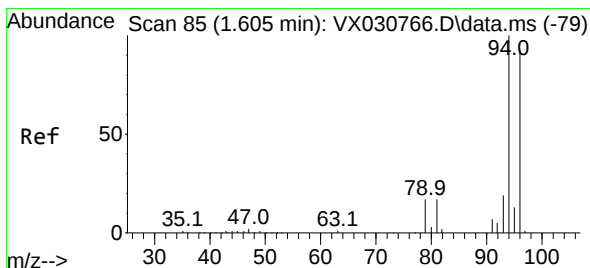
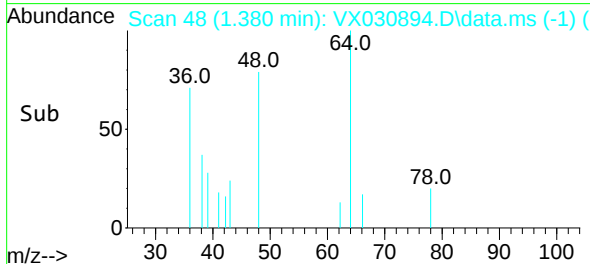
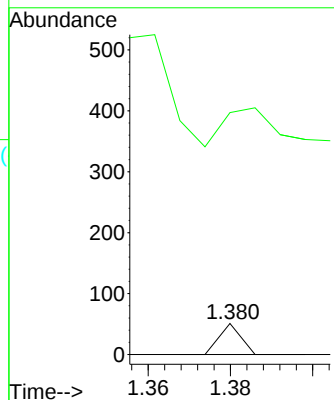
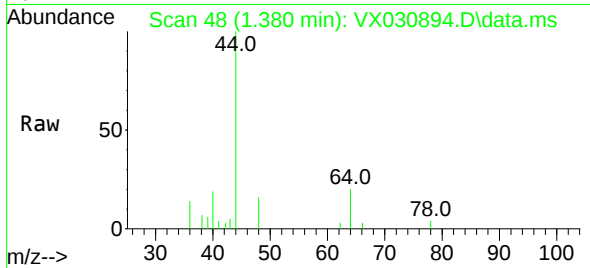




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.380 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX030894.D
 Acq: 28 Aug 2022 01:40

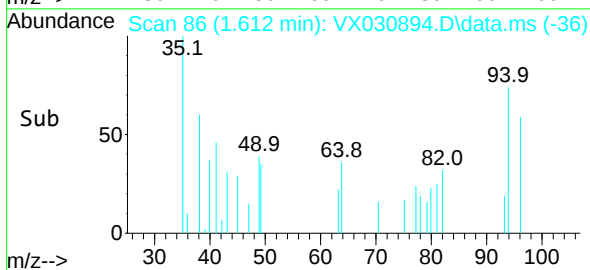
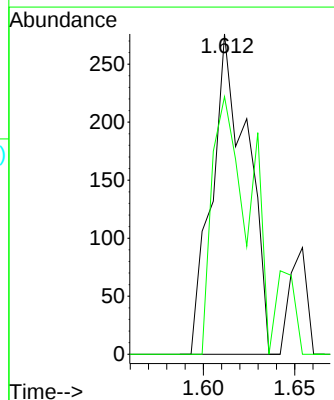
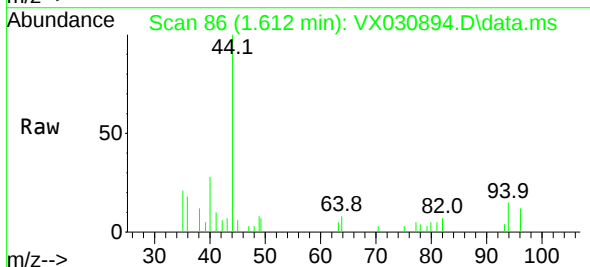
Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20220823

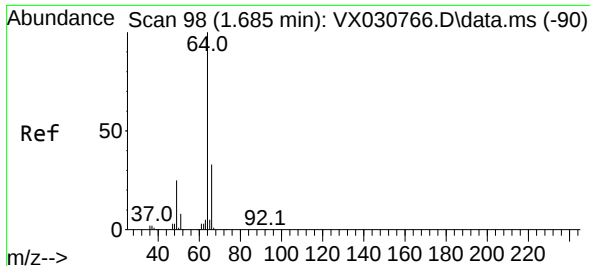
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 70.6 25.2 37.8#



#5
 Bromomethane
 Concen: 0.422 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030894.D
 Acq: 28 Aug 2022 01:40

Tgt Ion: 94 Resp: 377
 Ion Ratio Lower Upper
 94 100
 96 80.4 76.9 115.3

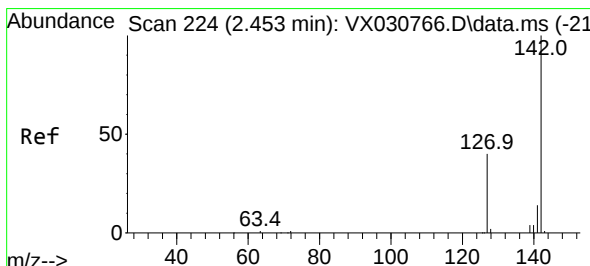
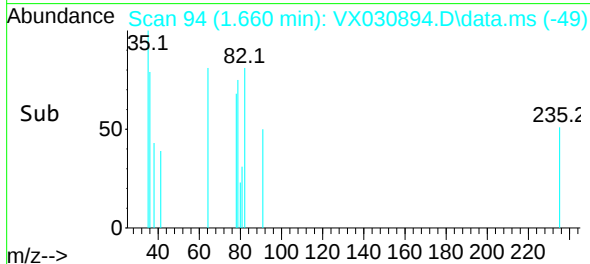
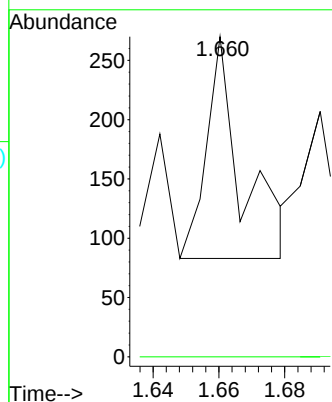
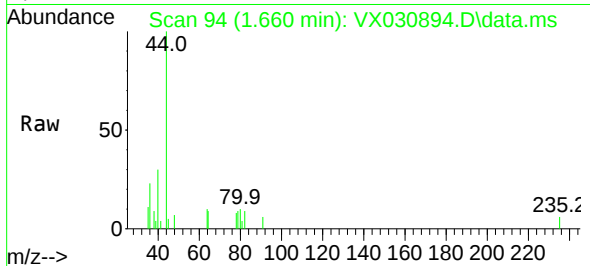




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

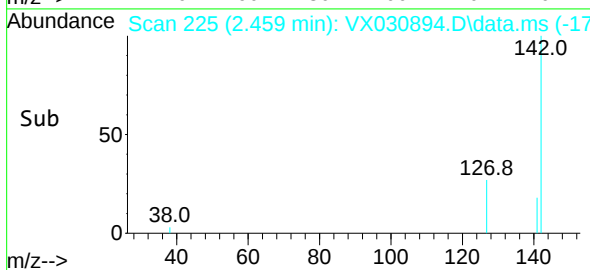
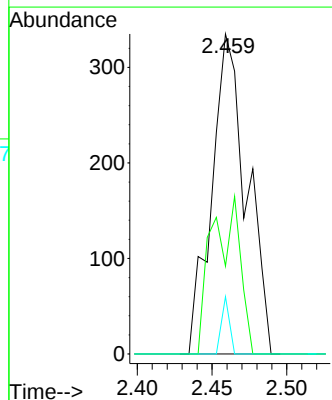
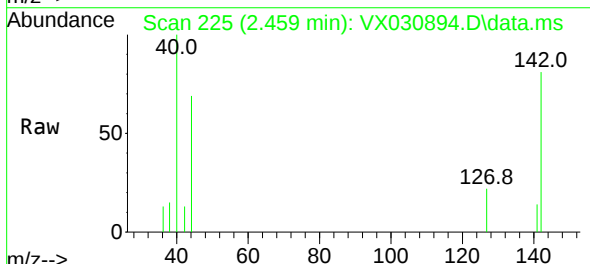
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

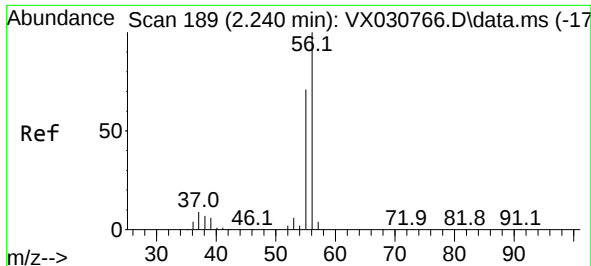
Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.350 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 142 Resp: 544
Ion Ratio Lower Upper
142 100
127 39.7 30.2 45.2
141 4.0 11.3 16.9#

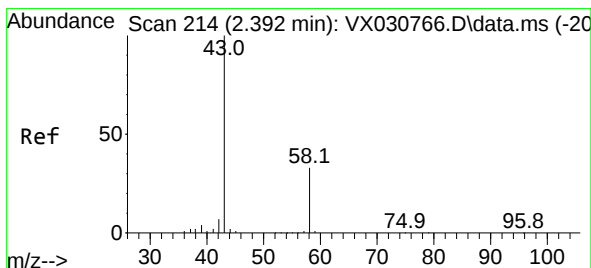
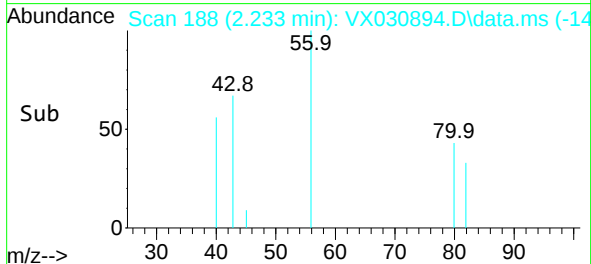
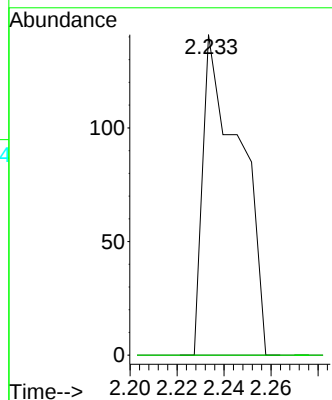
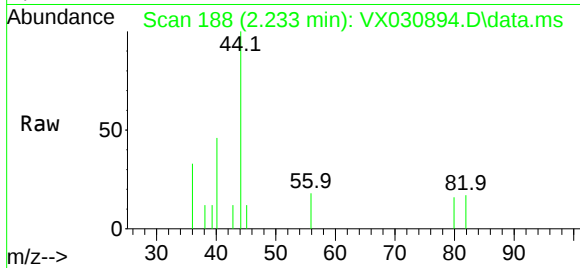




#13
Acrolein
Concen: 10.393 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

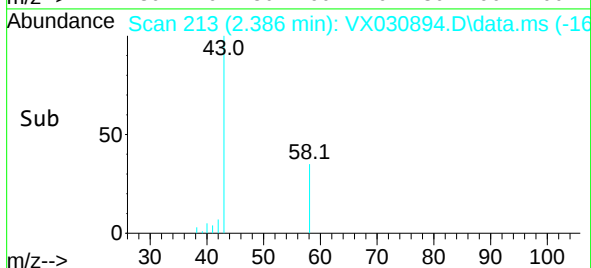
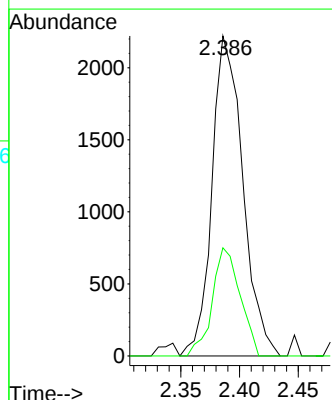
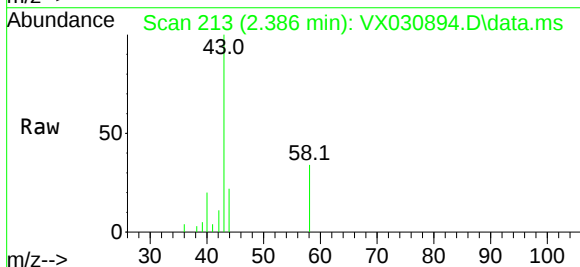
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

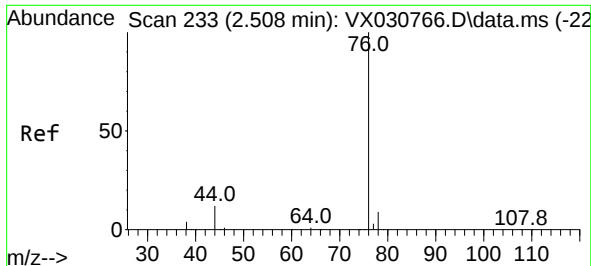
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 3.888 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 43 Resp: 4054
Ion Ratio Lower Upper
43 100
58 33.8 27.7 41.5

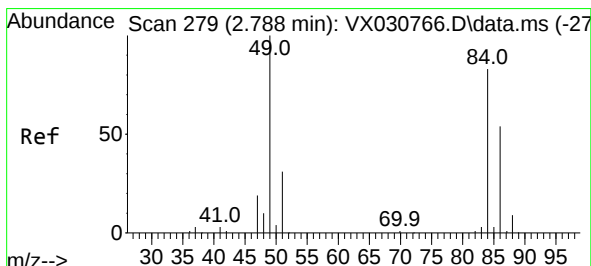
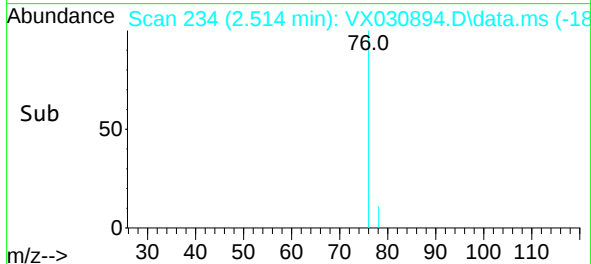
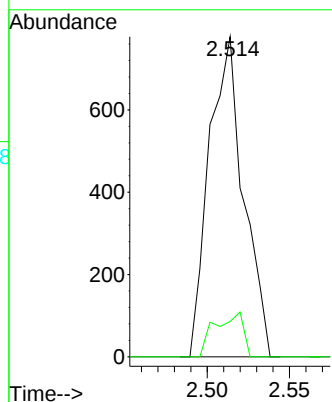
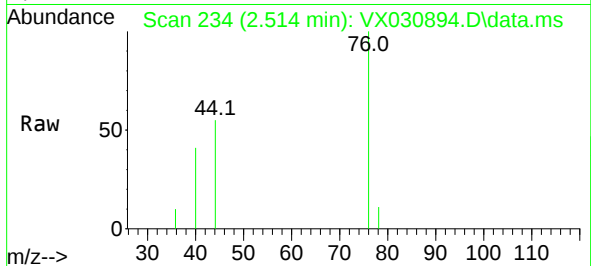




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

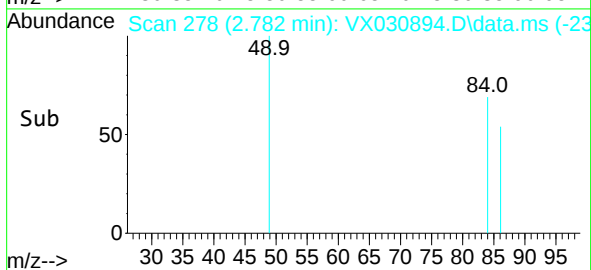
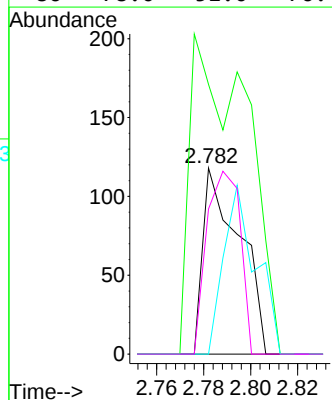
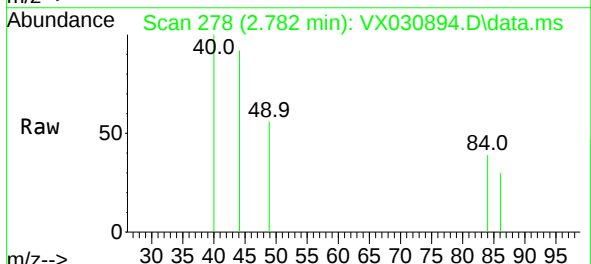
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

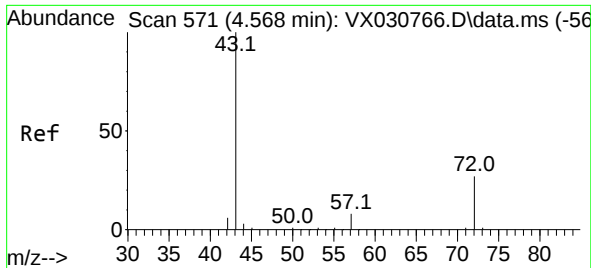
Tgt Ion: 76 Resp: 1132
Ion Ratio Lower Upper
76 100
78 11.1 7.8 11.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 84 Resp: 127
Ion Ratio Lower Upper
84 100
49 144.9 93.8 140.6#
51 0.0 29.4 44.0#
86 78.0 51.0 76.4#

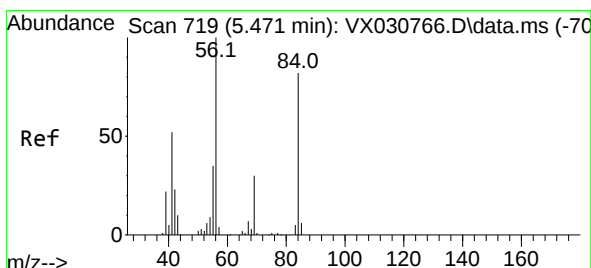
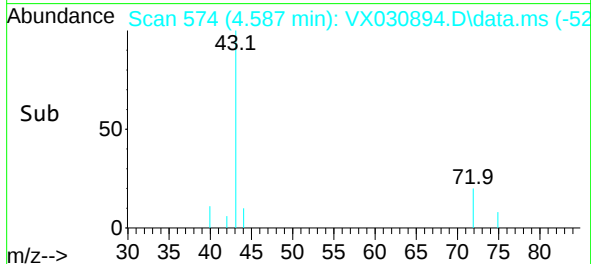
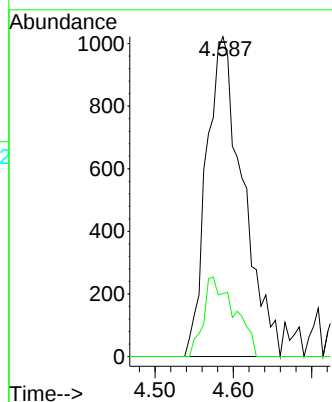
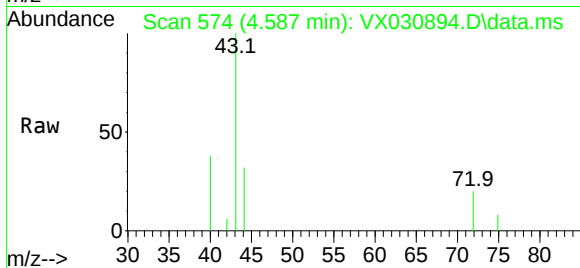




#25
2-Butanone
Concen: 1.955 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

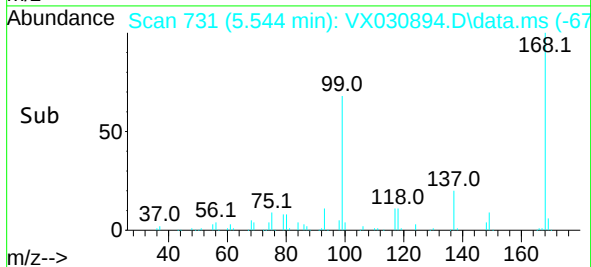
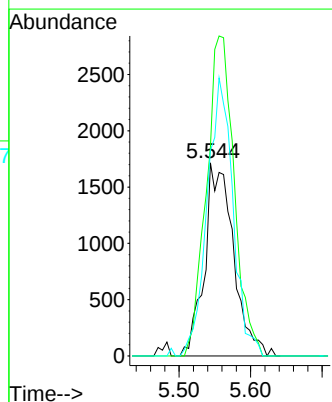
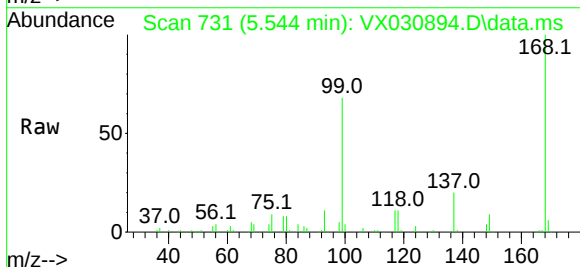
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

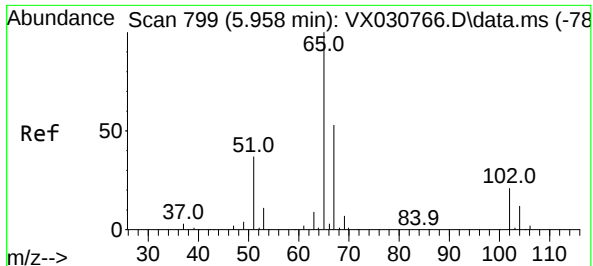
Tgt Ion: 43 Resp: 3284
Ion Ratio Lower Upper
43 100
72 19.7 21.7 32.5#



#31
Cyclohexane
Concen: 1.667 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 56 Resp: 4809
Ion Ratio Lower Upper
56 100
69 108.2 25.4 38.0#
84 106.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 61.079 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030894.D

Acq: 28 Aug 2022 01:40

Instrument :

MSVOA_X

ClientSampleId :

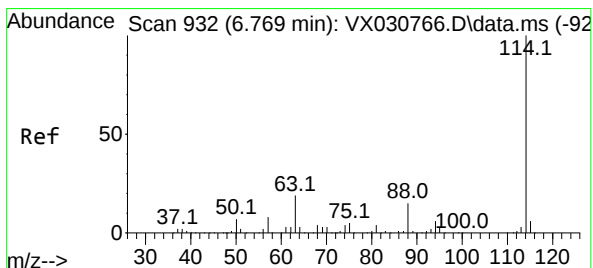
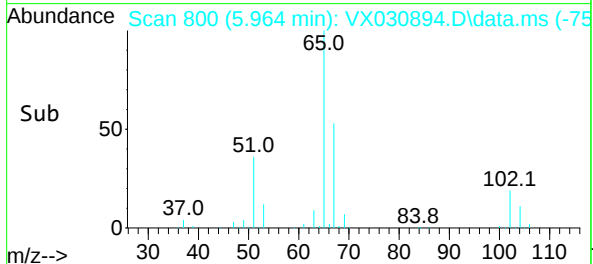
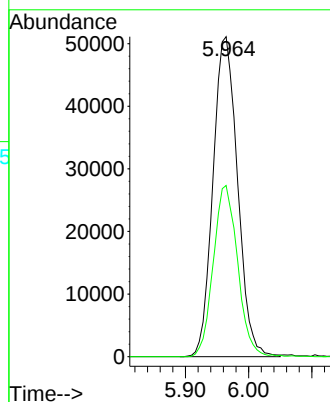
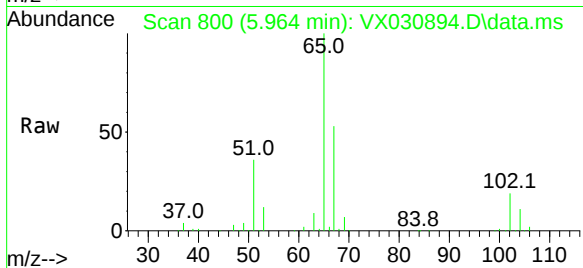
EB02-20220823

Tgt Ion: 65 Resp: 137809

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030894.D

Acq: 28 Aug 2022 01:40

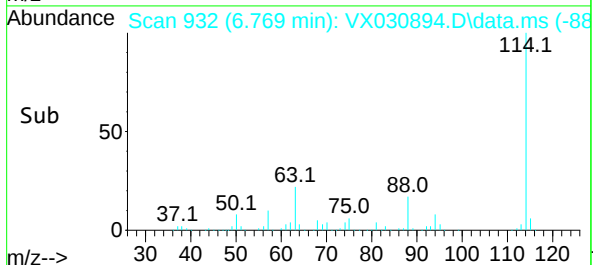
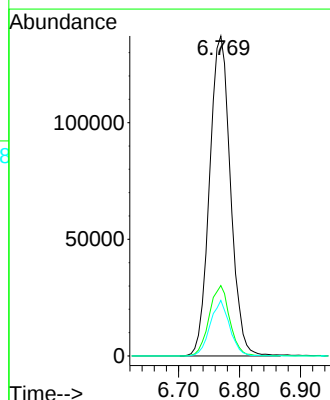
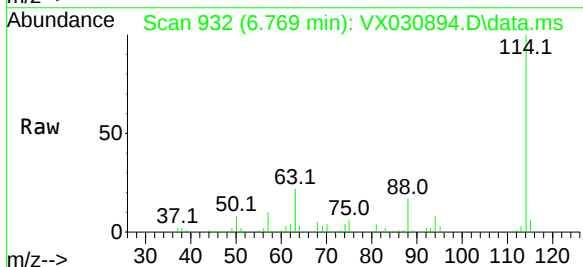
Tgt Ion: 114 Resp: 327365

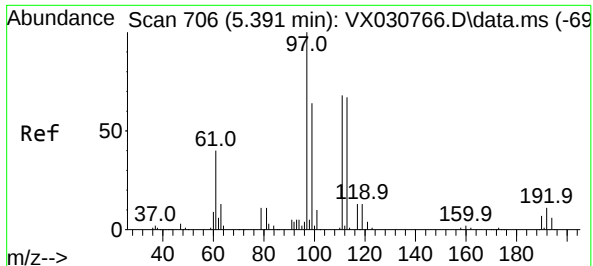
Ion Ratio Lower Upper

114 100

63 22.0 0.0 38.4

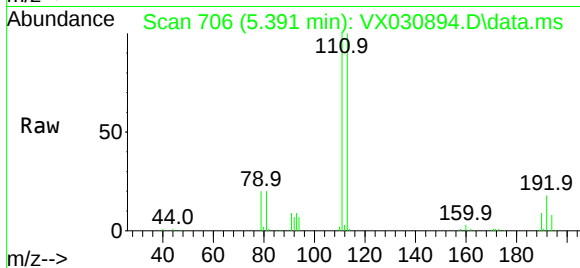
88 17.3 0.0 31.8



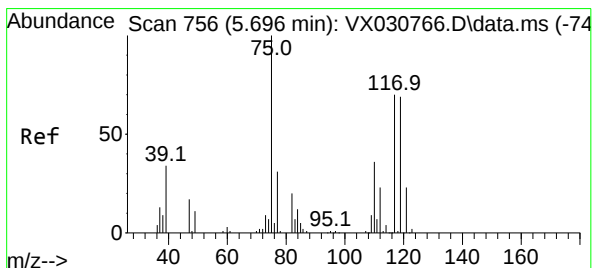
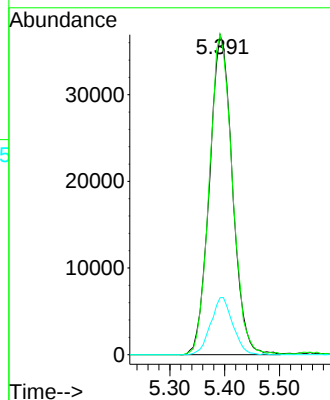
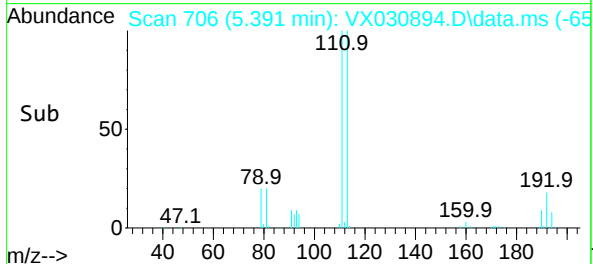


#35
Dibromofluoromethane
Concen: 53.395 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

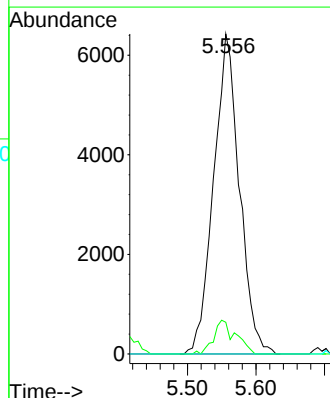
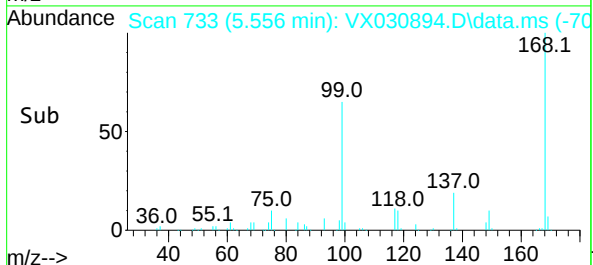
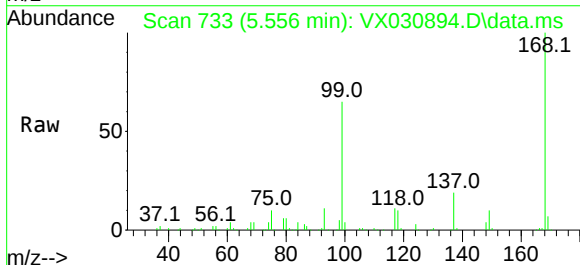


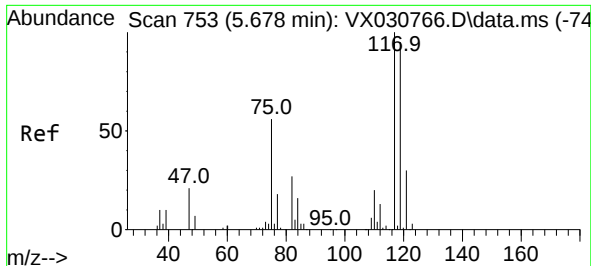
Tgt Ion:113 Resp: 107428
Ion Ratio Lower Upper
113 100
111 100.0 83.2 124.8
192 17.1 14.8 22.2



#36
1,1-Dichloropropene
Concen: 6.118 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

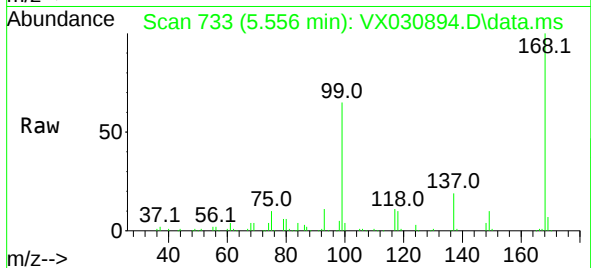
Tgt Ion: 75 Resp: 16762
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



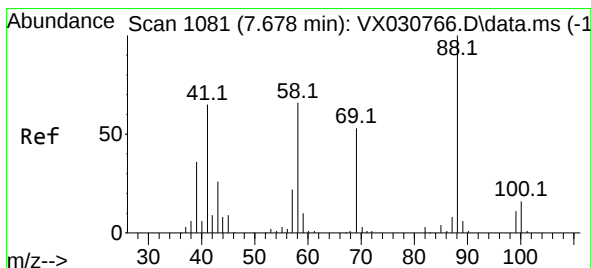
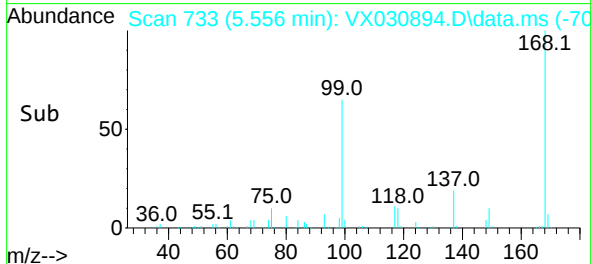
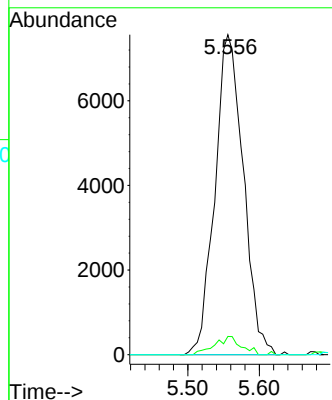


#38
Carbon Tetrachloride
Concen: 7.215 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

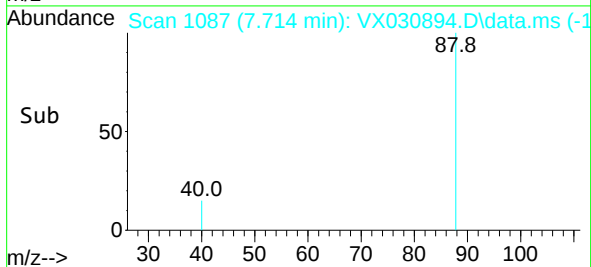
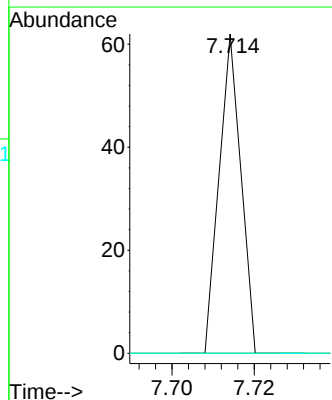
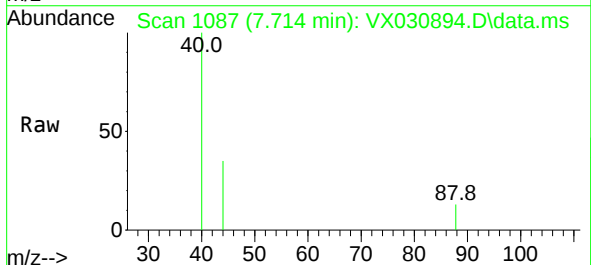


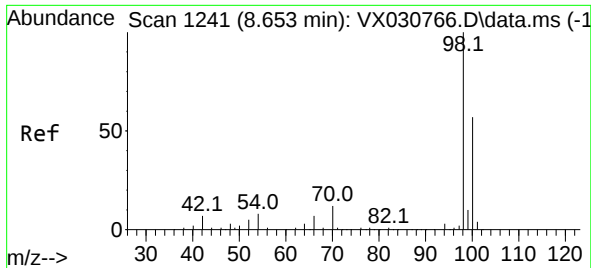
Tgt Ion:117 Resp: 20849
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.382 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.036 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

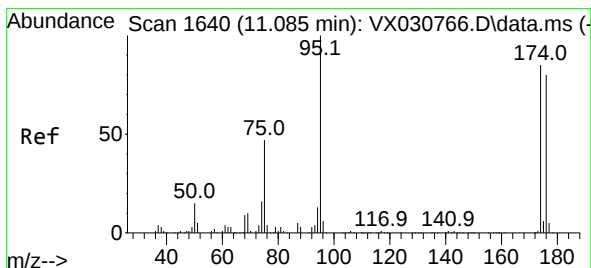
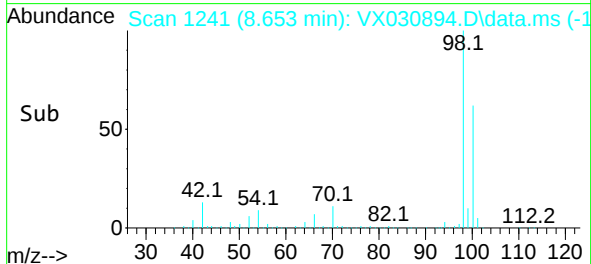
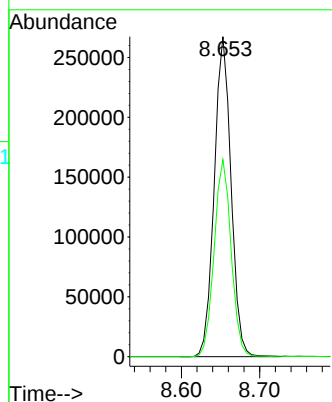
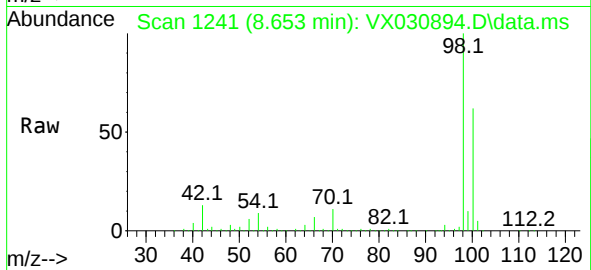




#50
Toluene-d8
Concen: 56.832 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

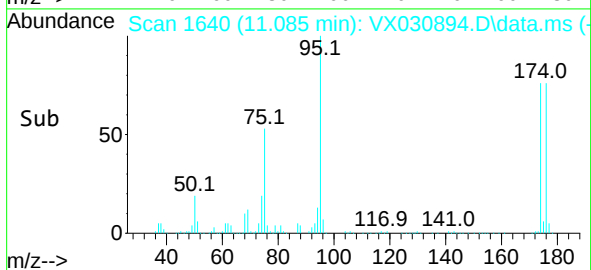
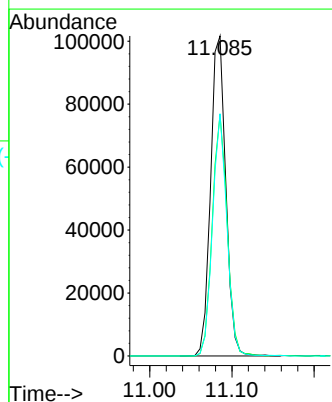
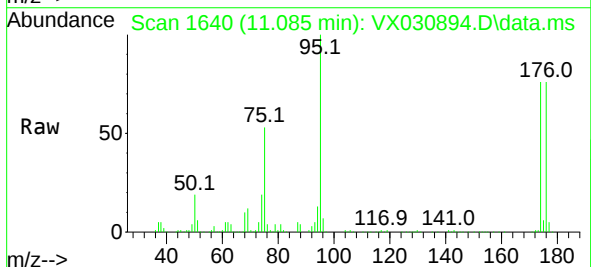
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

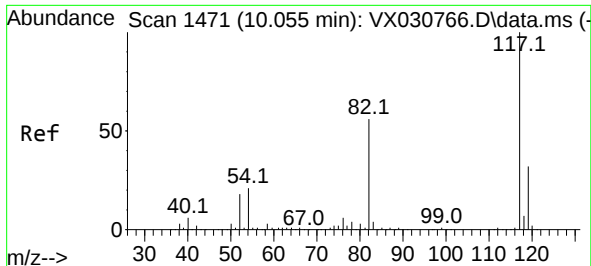
Tgt Ion: 98 Resp: 398445
Ion Ratio Lower Upper
98 100
100 62.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 95 Resp: 130406
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.0
176 71.7 0.0 146.0

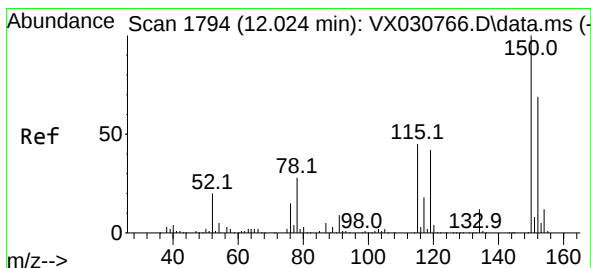
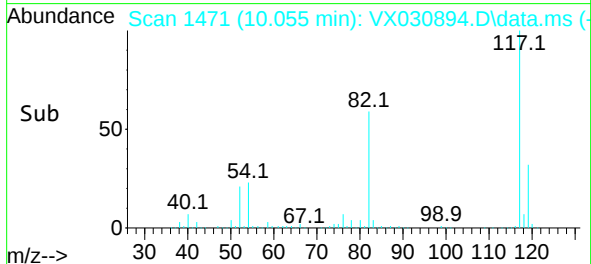
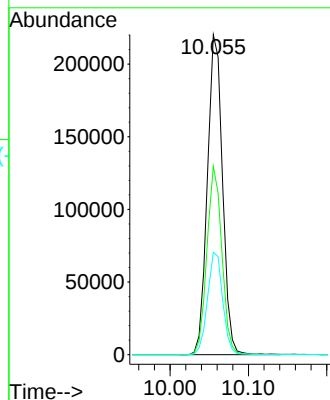
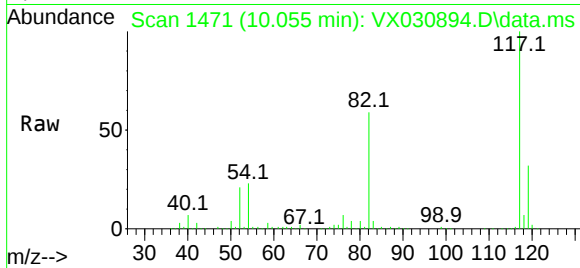




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

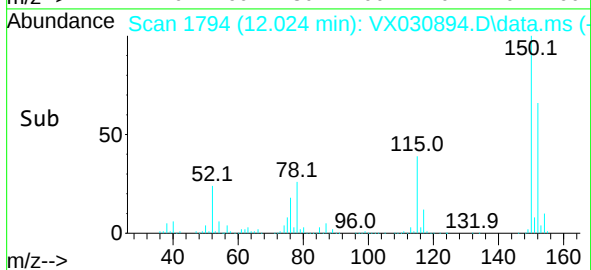
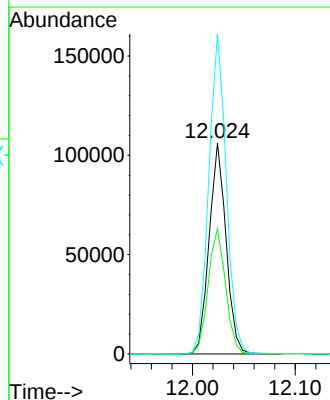
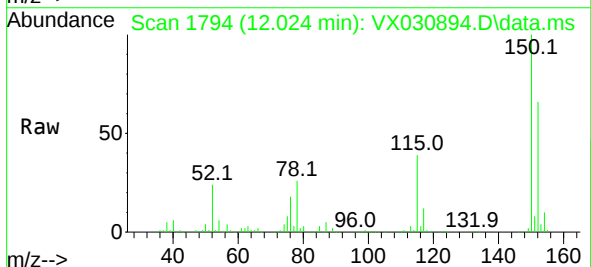
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

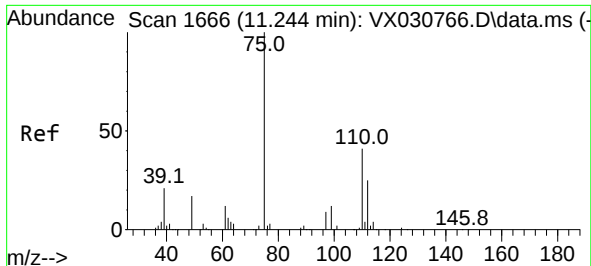
Tgt Ion:117 Resp: 295364
Ion Ratio Lower Upper
117 100
82 58.9 42.7 64.1
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion:152 Resp: 121952
Ion Ratio Lower Upper
152 100
115 61.1 40.5 121.5
150 157.0 0.0 347.0

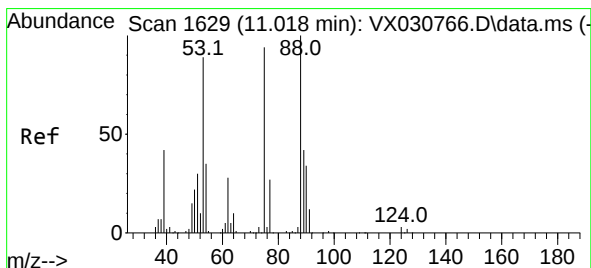
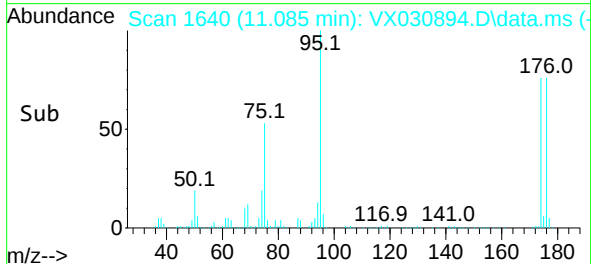
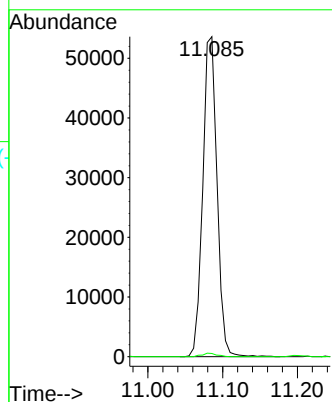
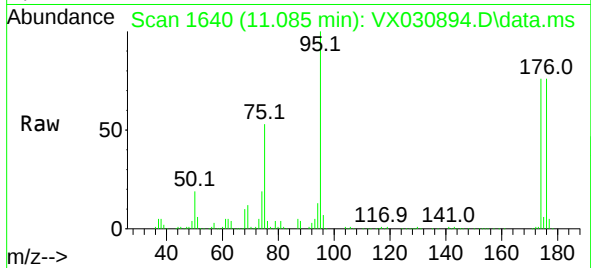




#76
1,2,3-Trichloropropane
Concen: 26.555 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

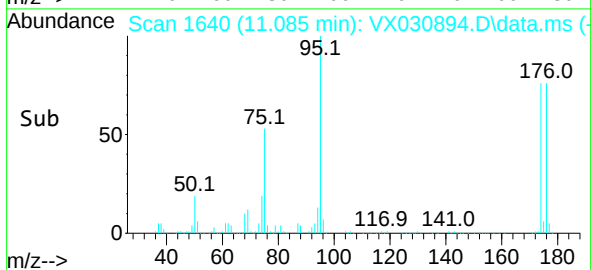
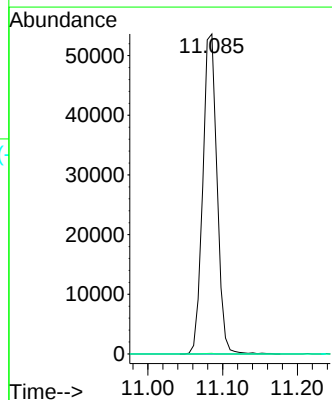
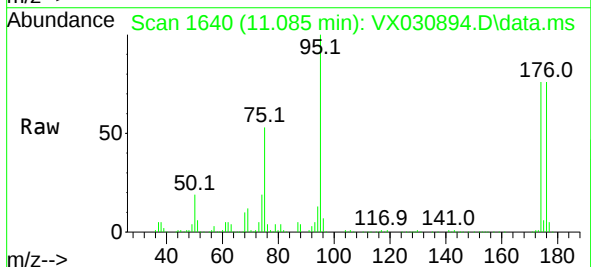
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

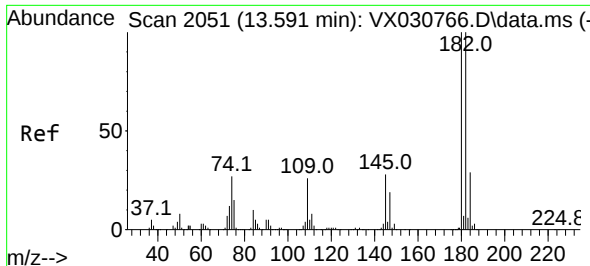
Tgt Ion: 75 Resp: 70949
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.677 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion: 75 Resp: 70949
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

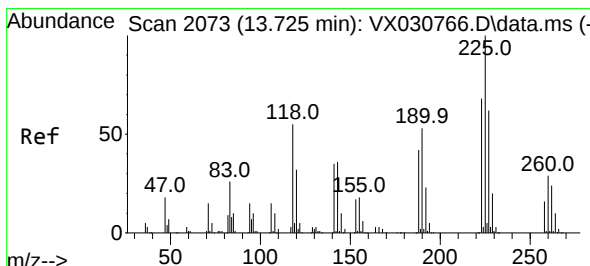
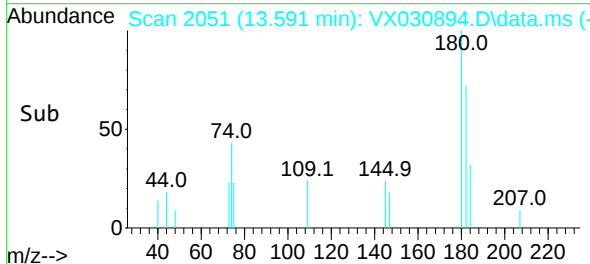
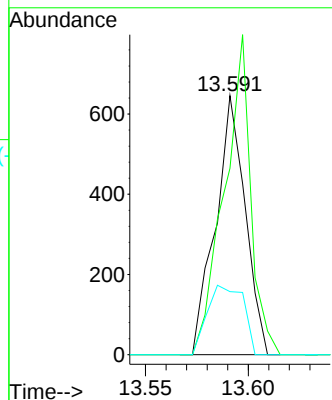
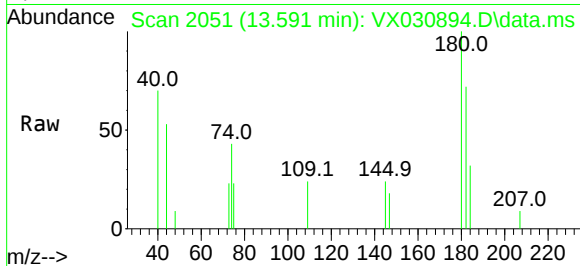




#93
1,2,4-Trichlorobenzene
Concen: 0.259 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

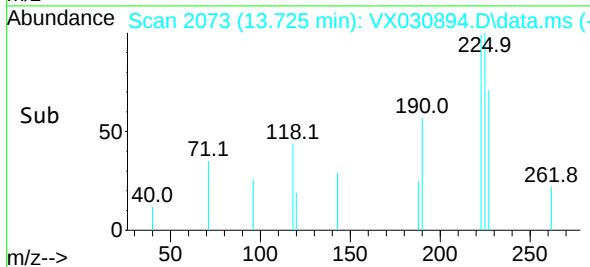
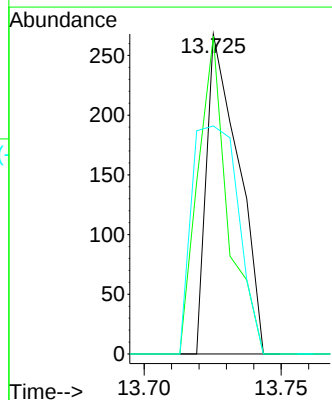
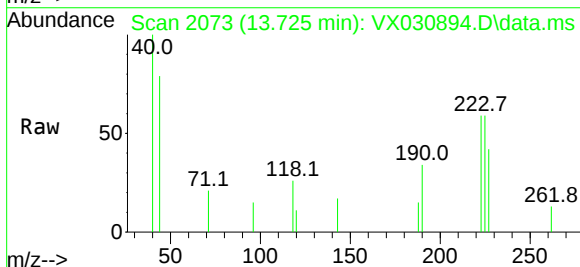
Instrument :
MSVOA_X
ClientSampleId :
EB02-20220823

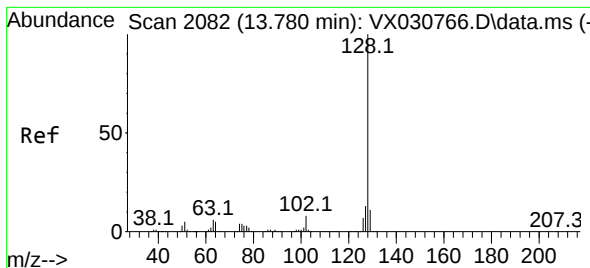
Tgt Ion:	180	Resp:	648
Ion	Ratio	Lower	Upper
180	100		
182	110.2	48.2	144.6
145	32.6	15.9	47.6



#94
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030894.D
Acq: 28 Aug 2022 01:40

Tgt Ion:	225	Resp:	217
Ion	Ratio	Lower	Upper
225	100		
223	93.5	30.6	91.6#
227	104.6	31.9	95.9#





#95

Naphthalene

Concen: 0.259 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030894.D

Acq: 28 Aug 2022 01:40

Instrument :

MSVOA_X

ClientSampleId :

EB02-20220823

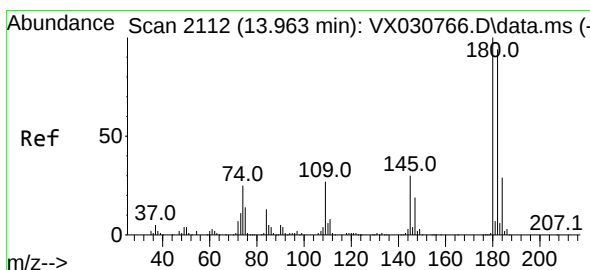
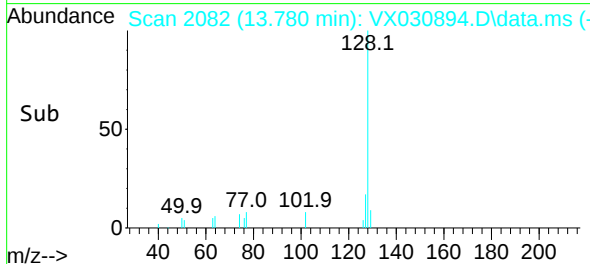
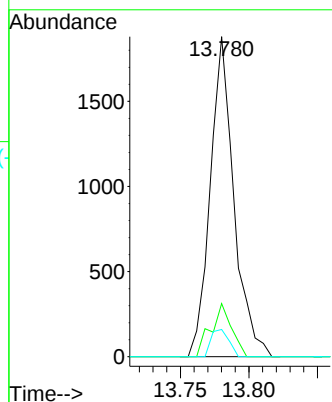
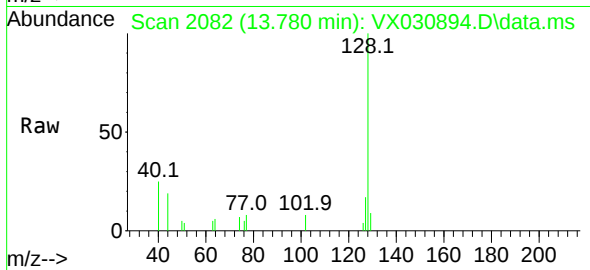
Tgt Ion:128 Resp: 2252

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.2

129 6.4 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.255 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX030894.D

Acq: 28 Aug 2022 01:40

Tgt Ion:180 Resp: 674

Ion Ratio Lower Upper

180 100

182 80.0 47.0 141.0

145 5.5 17.0 50.9#

