

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030287.D
 Acq On : 28 Jul 2022 22:03
 Operator : JC/MD
 Sample : N3695-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-07052022

Quant Time: Jul 29 06:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

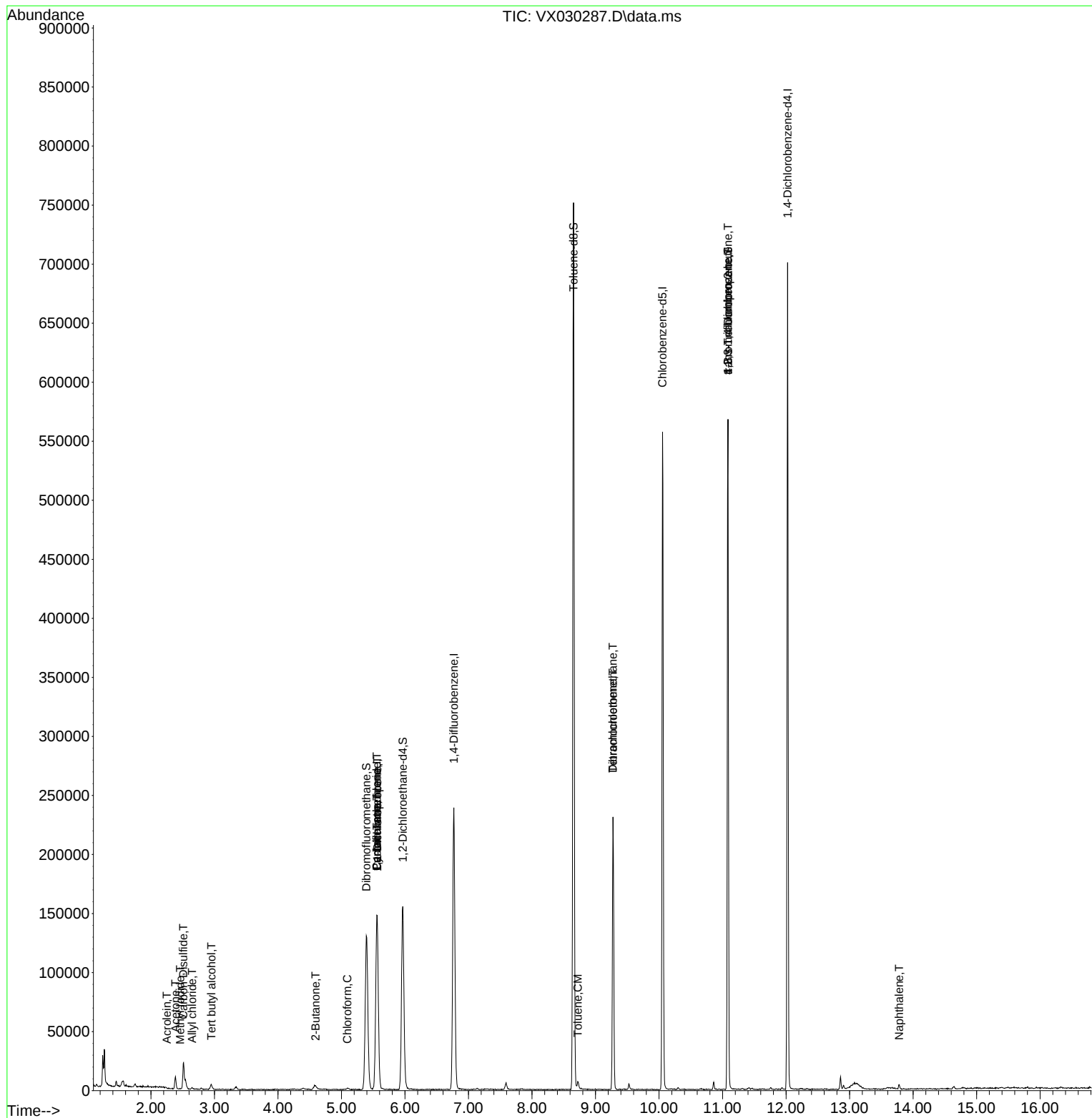
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	140325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145310	51.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	5.391	113	115109	48.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.980%	
50) Toluene-d8	8.653	98	434480	47.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	11.085	95	156333	46.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.580%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	357	Below Cal	#	79
10) Methyl Iodide	2.459	142	496	1.745	ug/l #	62
11) Tert butyl alcohol	2.953	59	2776	4.035	ug/l #	77
13) Acrolein	2.251	56	50	0.296	ug/l #	14
14) Allyl chloride	2.648	41	1736	0.384	ug/l #	46
16) Acetone	2.386	43	10224	7.080	ug/l	95
17) Carbon Disulfide	2.508	76	27519	4.651	ug/l #	94
20) Methylene Chloride	2.788	84	477	Below Cal	#	51
25) 2-Butanone	4.593	43	4157	1.713	ug/l #	88
30) Chloroform	5.092	83	1270	0.282	ug/l #	82
31) Cyclohexane	5.556	56	3133	0.765	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11811	3.493	ug/l #	44
38) Carbon Tetrachloride	5.556	117	14455	4.579	ug/l #	15
52) Toluene	8.720	92	2234	0.344	ug/l	89
60) Dibromochloromethane	9.275	129	41171	16.092	ug/l #	11
64) Tetrachloroethene	9.275	164	41205	15.321	ug/l	92
67) Ethyl Benzene	10.201	91	425	Below Cal	#	51
76) 1,2,3-Trichloropropane	11.085	75	76945	21.222	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76945	63.665	ug/l #	13
95) Naphthalene	13.780	128	2870	0.263	ug/l #	96

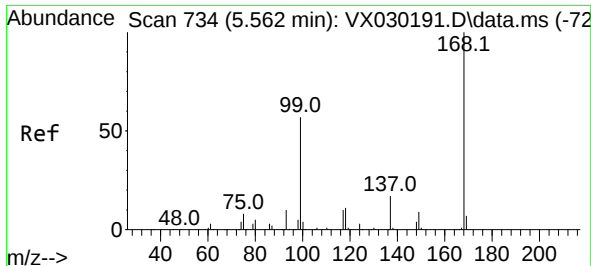
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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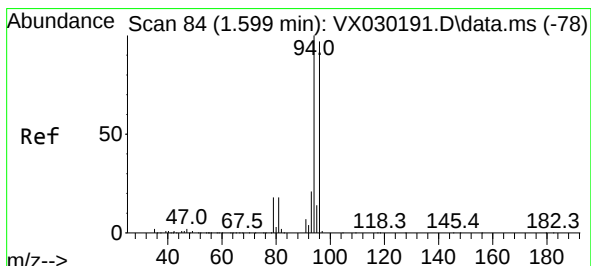
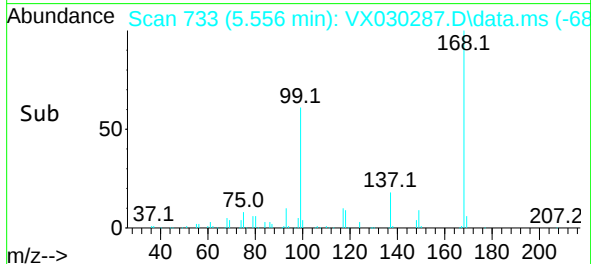
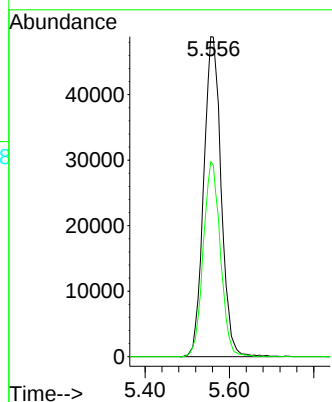
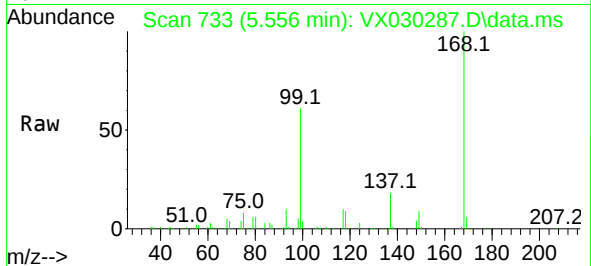




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

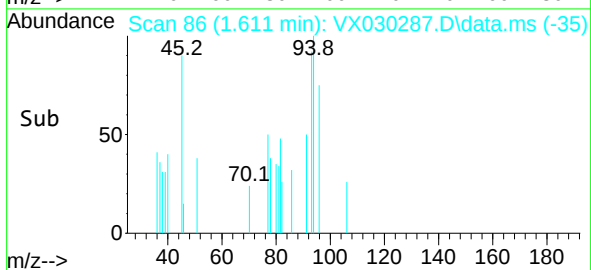
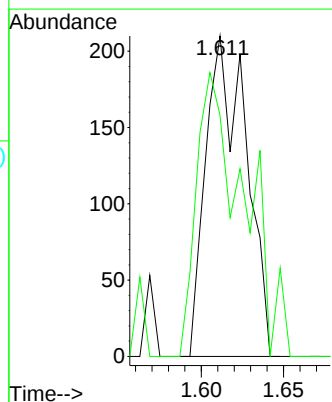
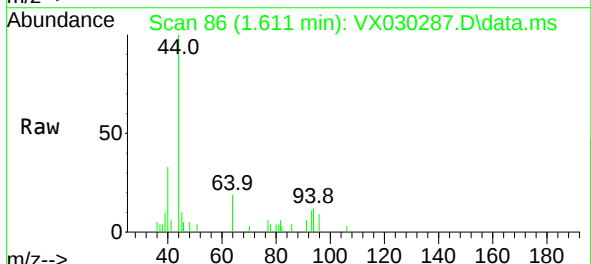
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

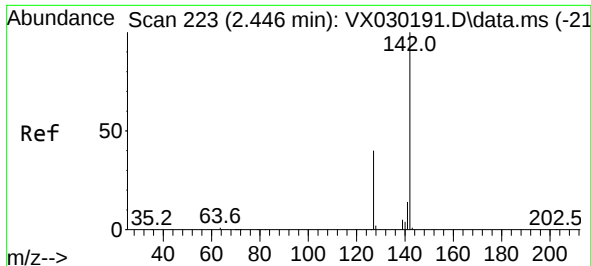
Tgt Ion:168 Resp: 140325
Ion Ratio Lower Upper
168 100
99 60.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

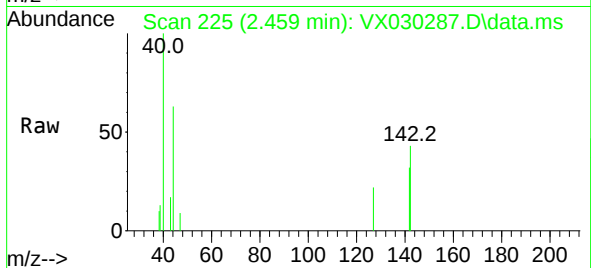
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 75.2 76.9 115.3#



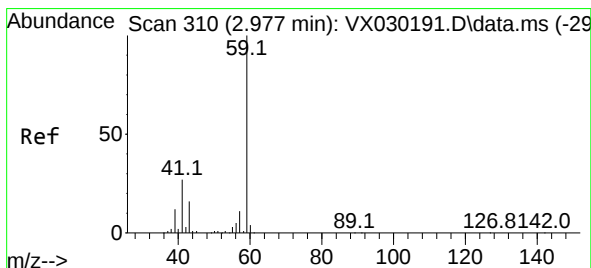
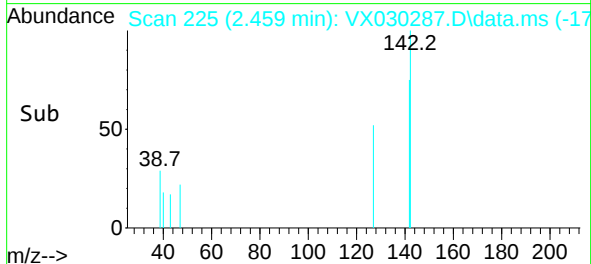
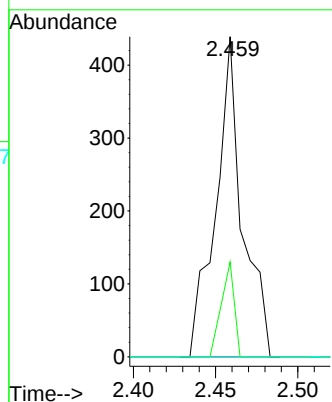


#10
Methyl Iodide
Concen: 1.745 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

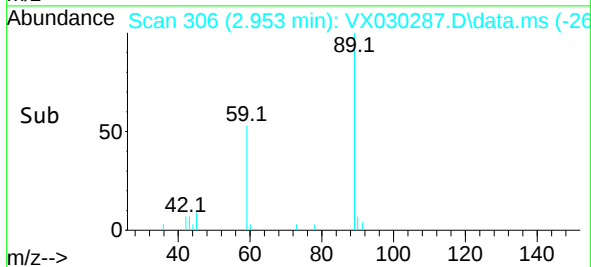
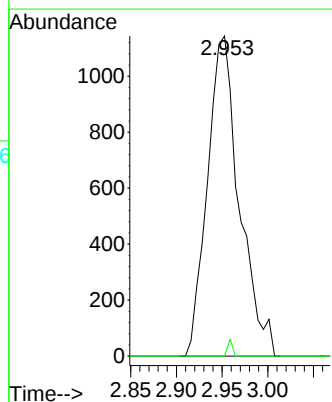
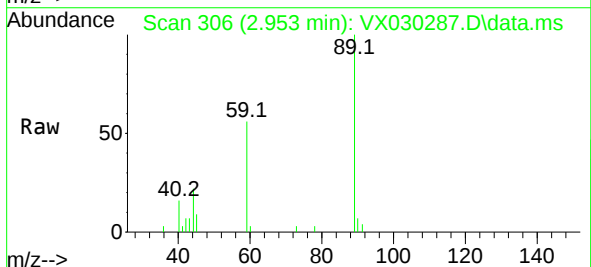


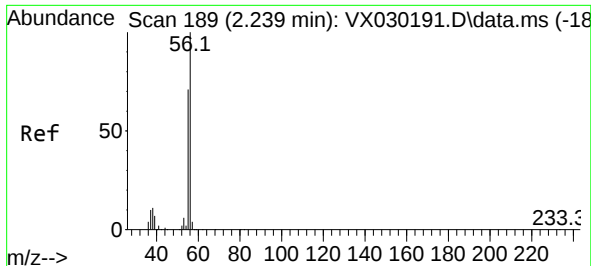
Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
127 14.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.035 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 59 Resp: 2776
Ion Ratio Lower Upper
59 100
57 0.8 7.4 11.2#

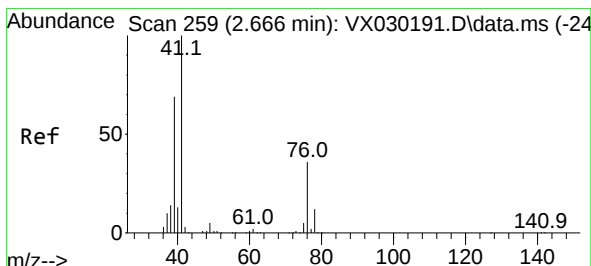
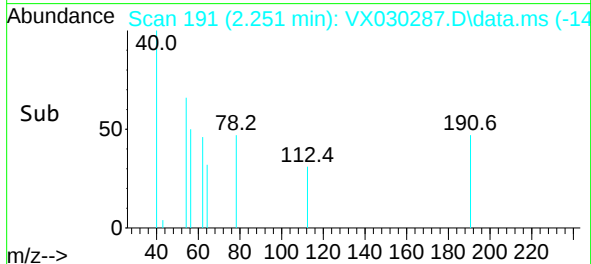
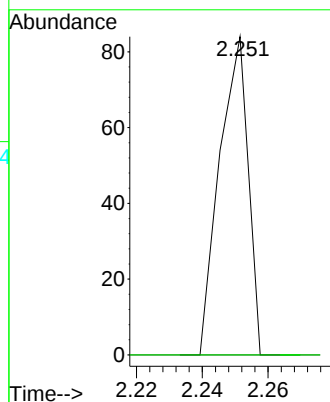
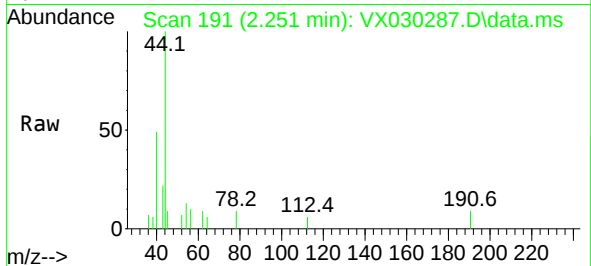




#13
Acrolein
Concen: 0.296 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

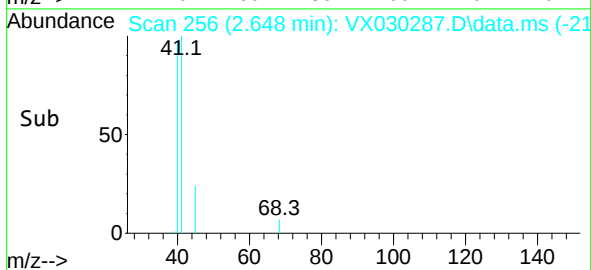
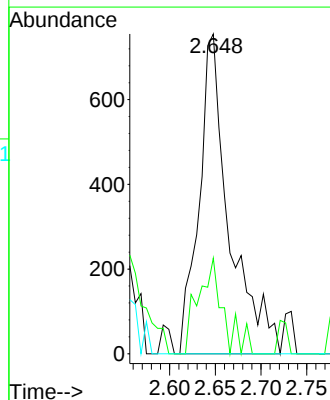
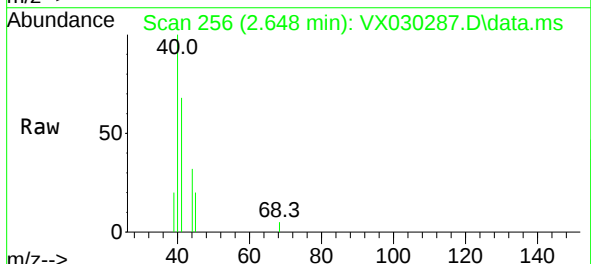
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

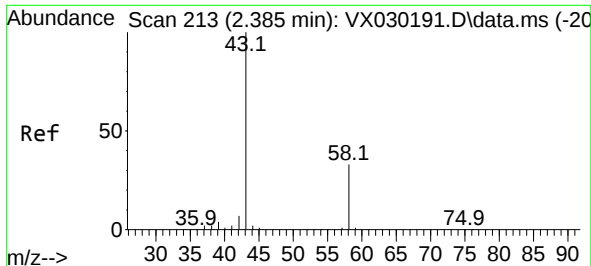
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.384 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 41 Resp: 1736
Ion Ratio Lower Upper
41 100
39 21.4 48.9 73.3#
76 0.0 26.9 40.3#

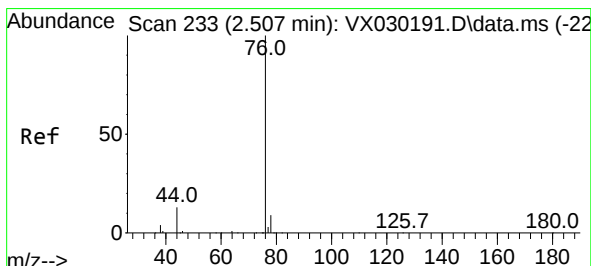
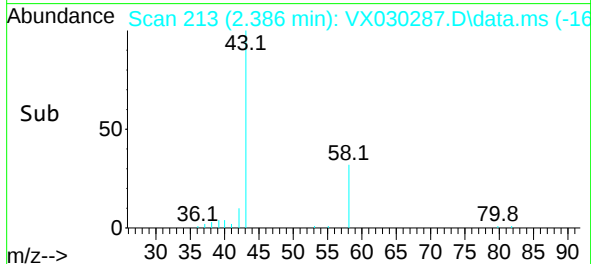
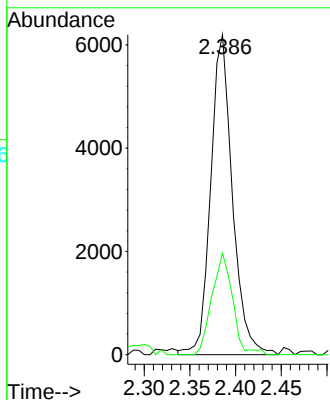
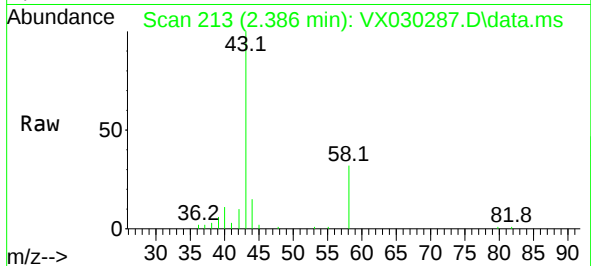




#16
Acetone
Concen: 7.080 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

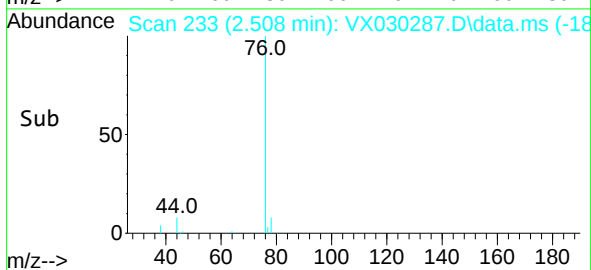
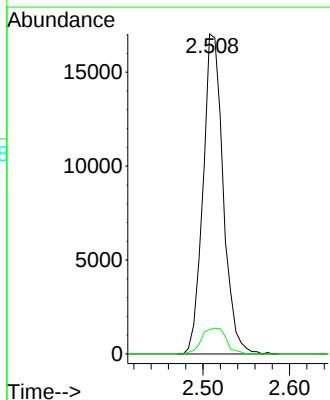
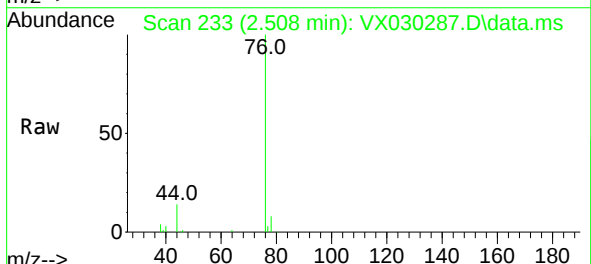
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

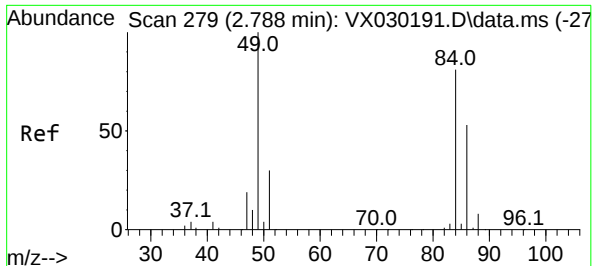
Tgt Ion: 43 Resp: 10224
Ion Ratio Lower Upper
43 100
58 31.7 27.7 41.5



#17
Carbon Disulfide
Concen: 4.651 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 76 Resp: 27519
Ion Ratio Lower Upper
76 100
78 7.7 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030287.D

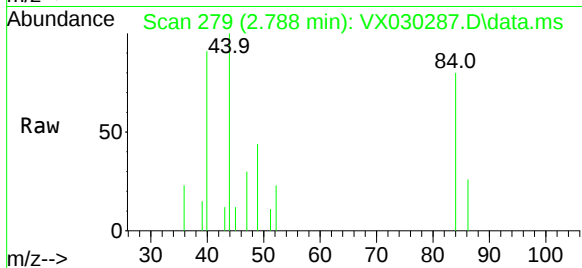
Acq: 28 Jul 2022 22:03

Instrument :

MSVOA_X

ClientSampleId :

EB-01-07052022



Tgt Ion: 84 Resp: 477

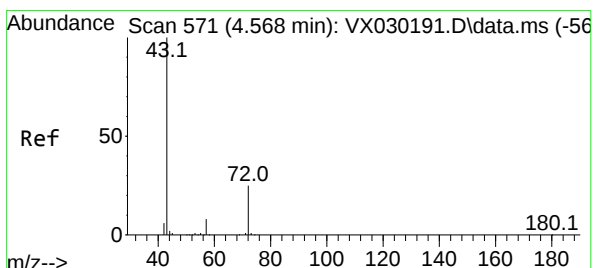
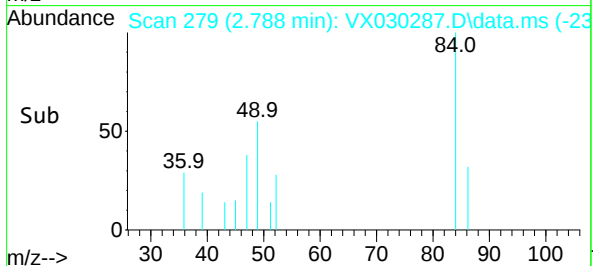
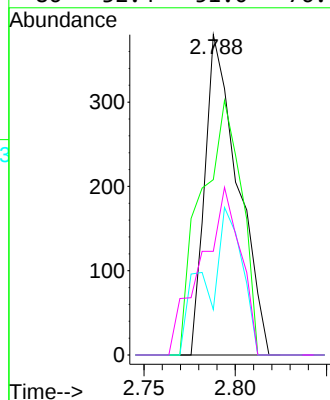
Ion Ratio Lower Upper

84 100

49 54.7 93.8 140.6#

51 14.2 29.4 44.0#

86 32.4 51.0 76.4#



#25

2-Butanone

Concen: 1.713 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX030287.D

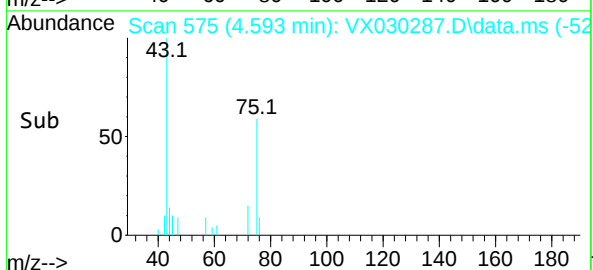
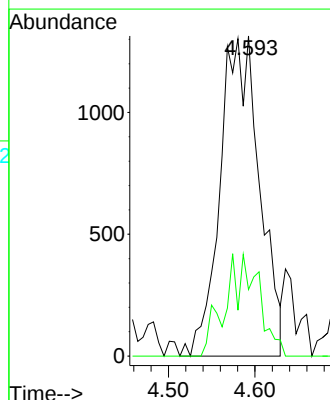
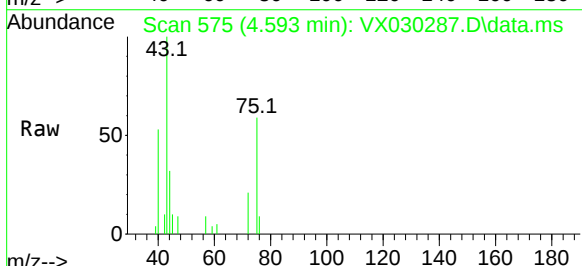
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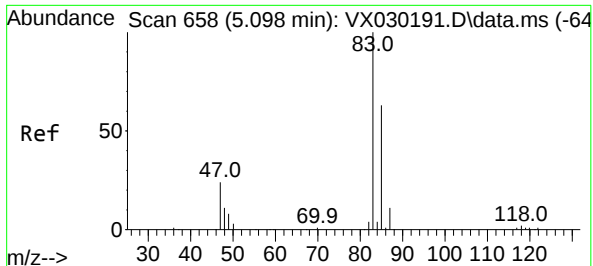
Tgt Ion: 43 Resp: 4157

Ion Ratio Lower Upper

43 100

72 20.8 21.7 32.5#





#30

Chloroform

Concen: 0.282 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030287.D

Acq: 28 Jul 2022 22:03

Instrument :

MSVOA_X

ClientSampleId :

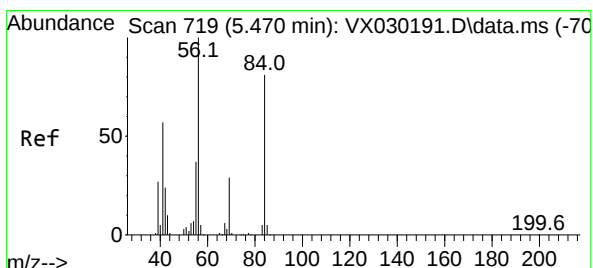
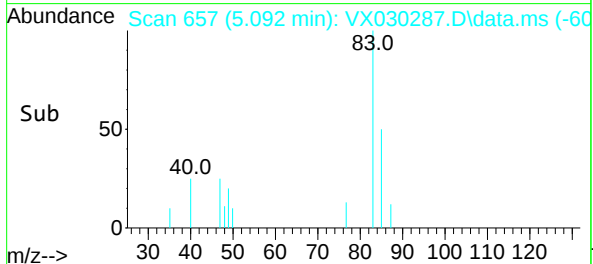
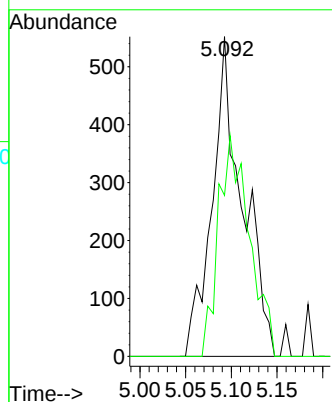
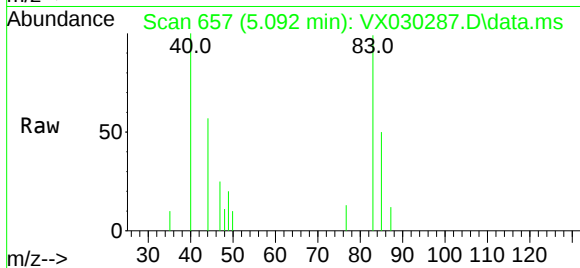
EB-01-07052022

Tgt Ion: 83 Resp: 1270

Ion Ratio Lower Upper

83 100

85 50.4 51.5 77.3#



#31

Cyclohexane

Concen: 0.765 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030287.D

Acq: 28 Jul 2022 22:03

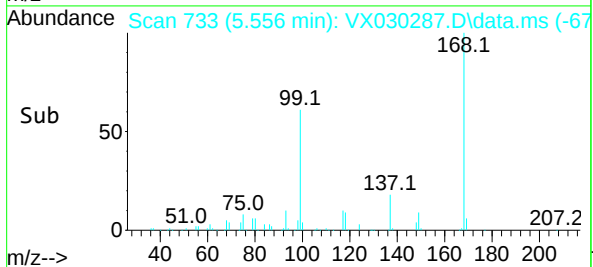
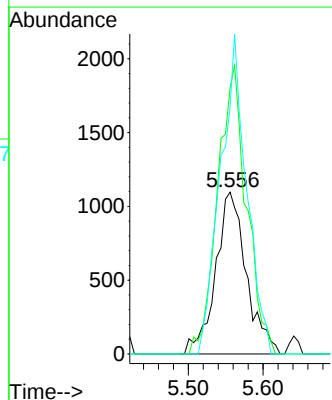
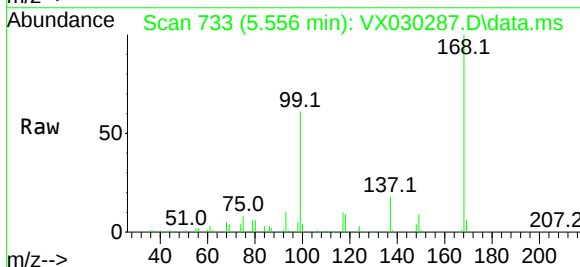
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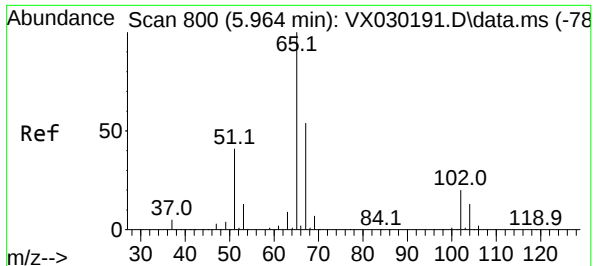
Ion Ratio Lower Upper

56 100

69 164.6 25.4 38.0#

84 153.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.520 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030287.D

Acq: 28 Jul 2022 22:03

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ClientSampleId :

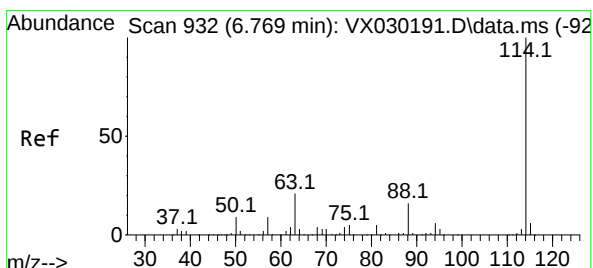
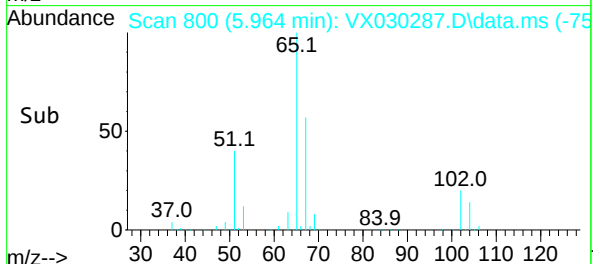
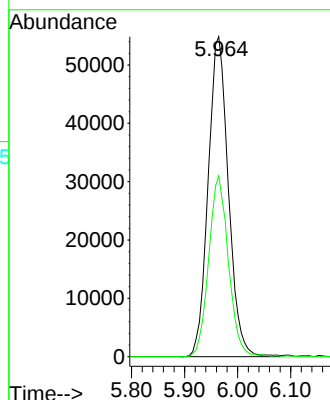
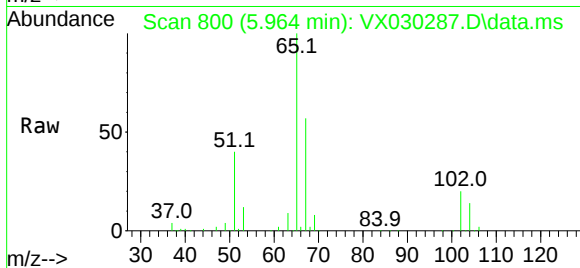
EB-01-07052022

Tgt Ion: 65 Resp: 145310

Ion Ratio Lower Upper

65 100

67 55.1 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: VX030287.D

Acq: 28 Jul 2022 22:03

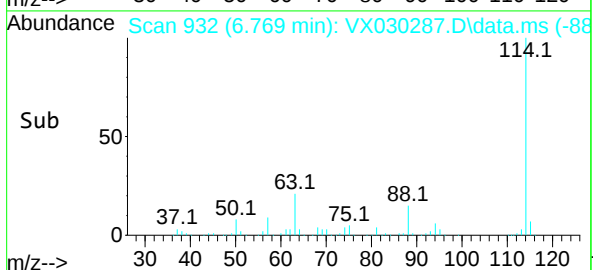
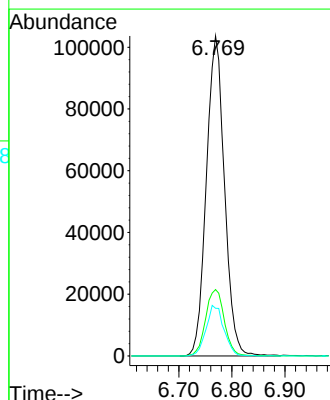
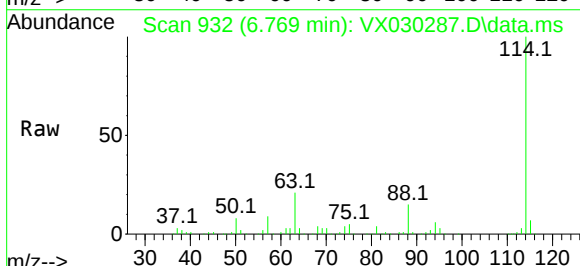
Tgt Ion: 114 Resp: 245811

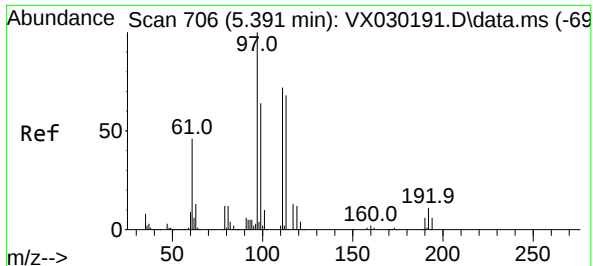
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 14.9 0.0 31.8

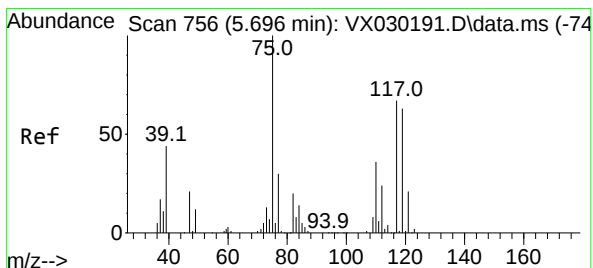
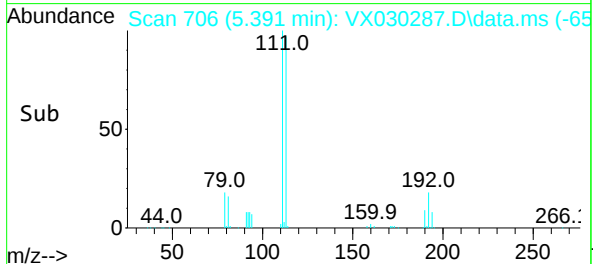
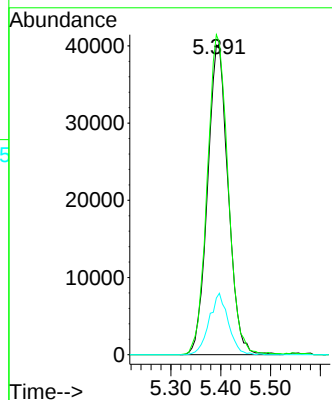
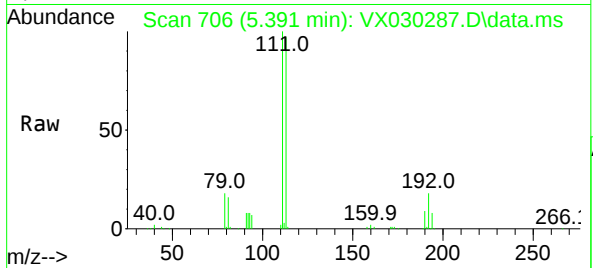




#35
Dibromofluoromethane
Concen: 48.986 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

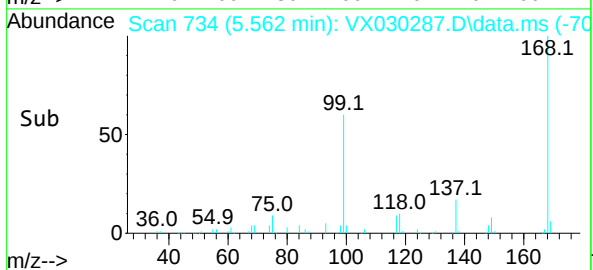
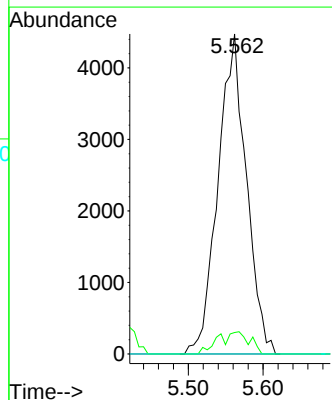
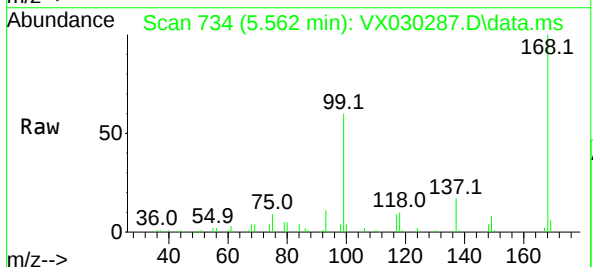
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

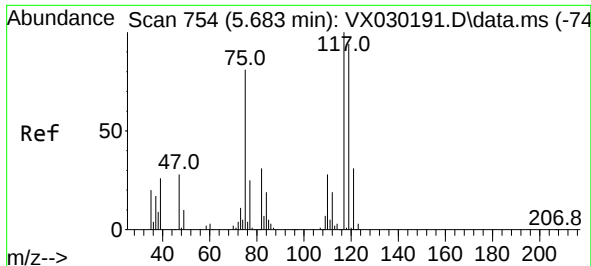
Tgt Ion:113 Resp: 115109
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.493 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 75 Resp: 11811
Ion Ratio Lower Upper
75 100
110 5.0 19.3 57.9#
77 0.0 24.4 36.6#

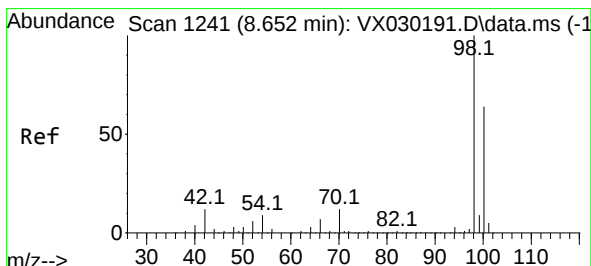
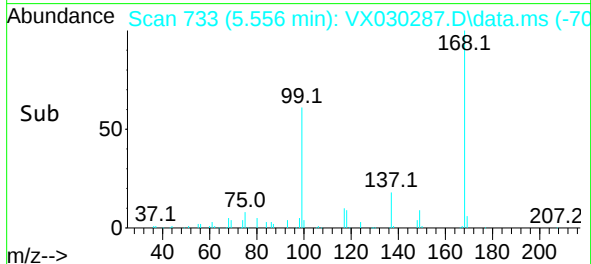
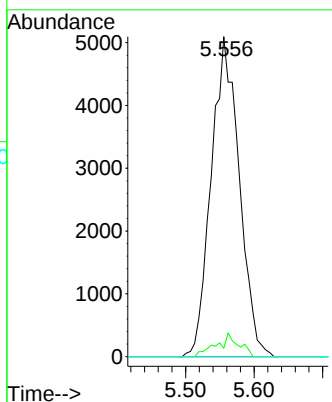
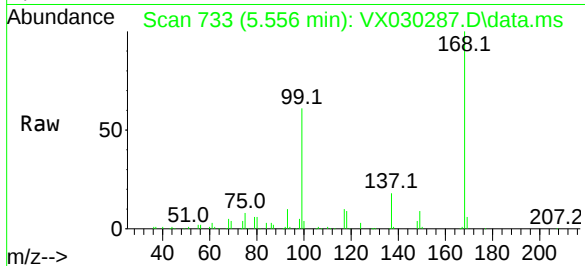




#38
Carbon Tetrachloride
Concen: 4.579 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

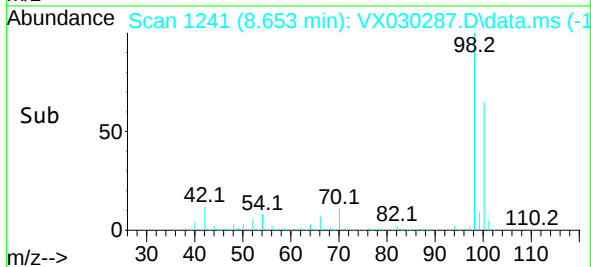
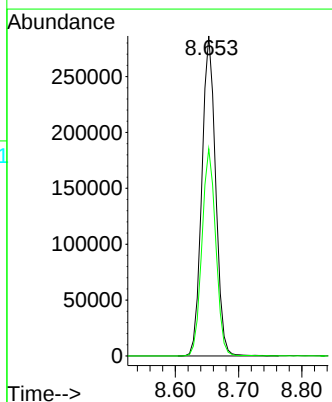
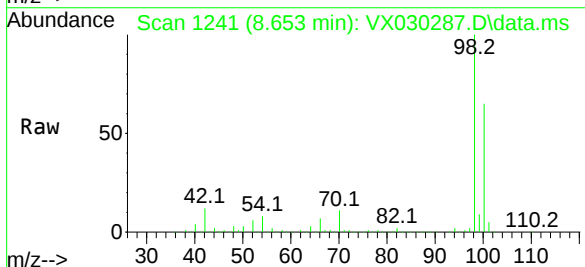
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

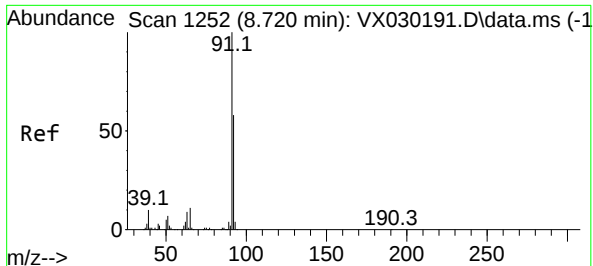
Tgt Ion:117 Resp: 14455
Ion Ratio Lower Upper
117 100
119 2.7 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 47.745 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 98 Resp: 434480
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

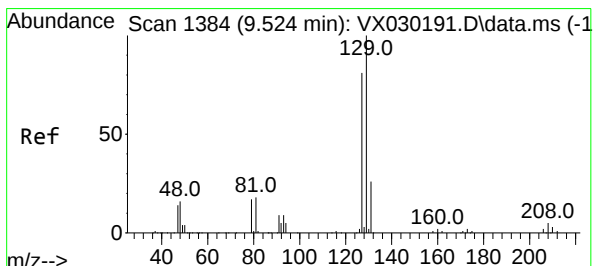
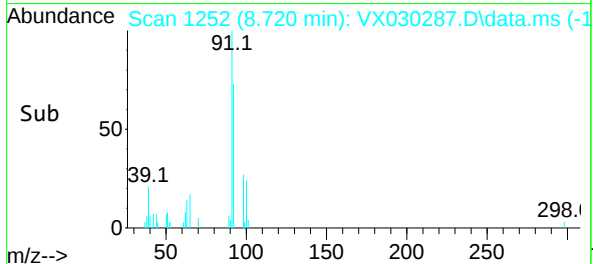
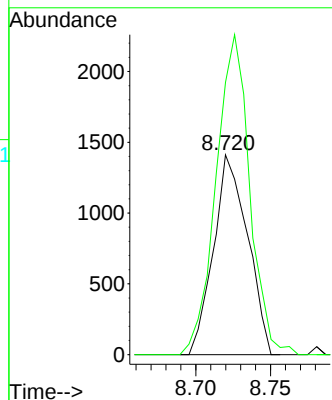
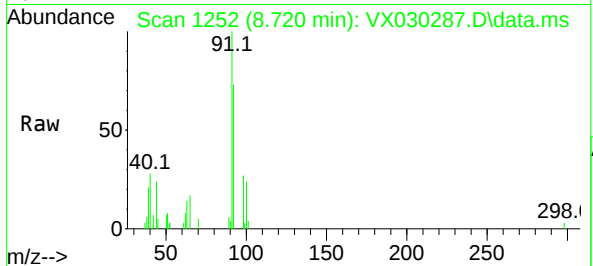




#52
Toluene
Concen: 0.344 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

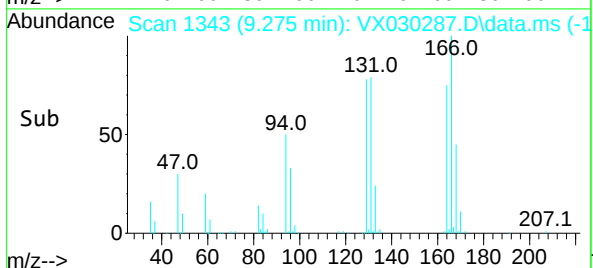
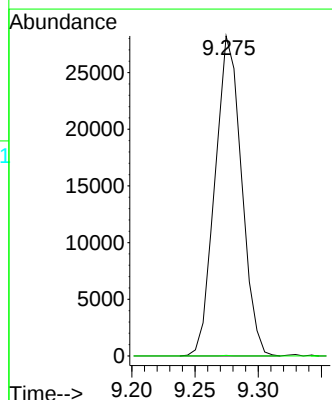
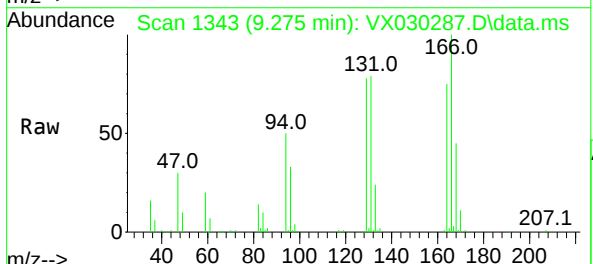
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

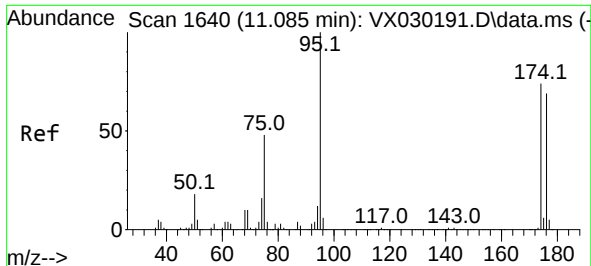
Tgt Ion: 92 Resp: 2234
Ion Ratio Lower Upper
92 100
91 158.6 139.2 208.8



#60
Dibromochloromethane
Concen: 16.092 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 129 Resp: 41171
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# 1

Delta R.T. 0.000 min

Lab File: VX030287.D

Acq: 28 Jul 2022 22:03

Instrument :

MSVOA_X

ClientSampleId :

EB-01-07052022

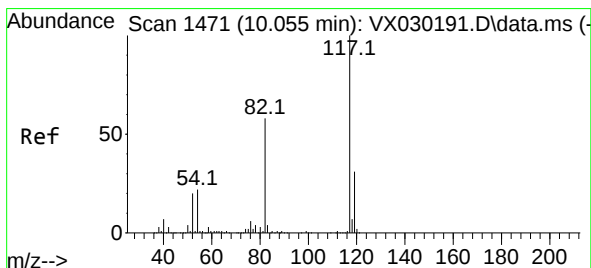
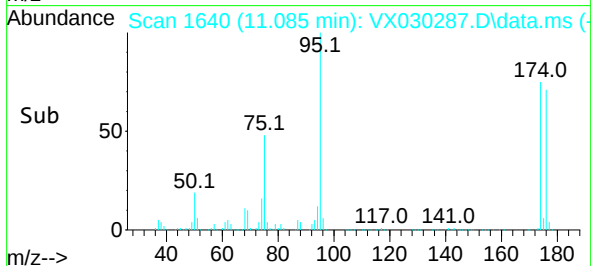
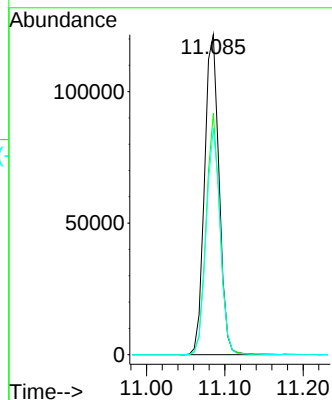
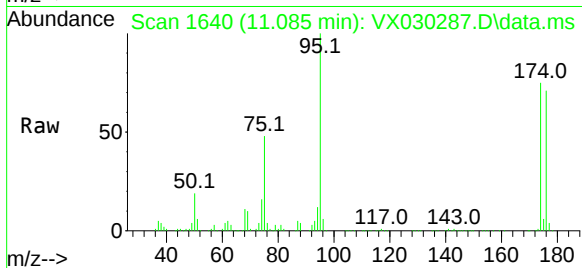
Tgt Ion: 95 Resp: 156333

Ion Ratio Lower Upper

95 100

174 71.5 0.0 149.0

176 68.5 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: VX030287.D

Acq: 28 Jul 2022 22:03

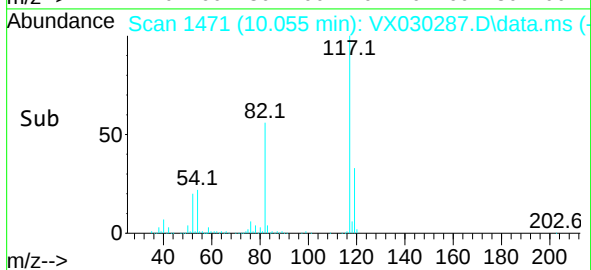
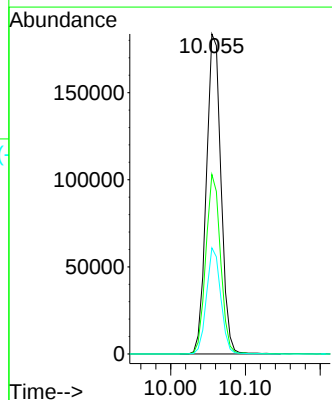
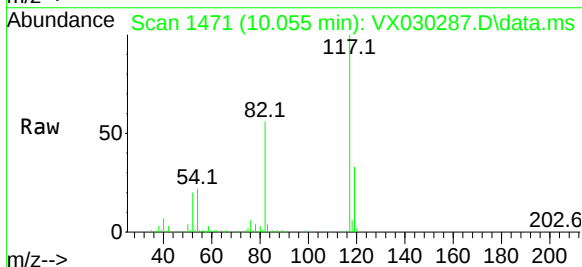
Tgt Ion: 117 Resp: 249820

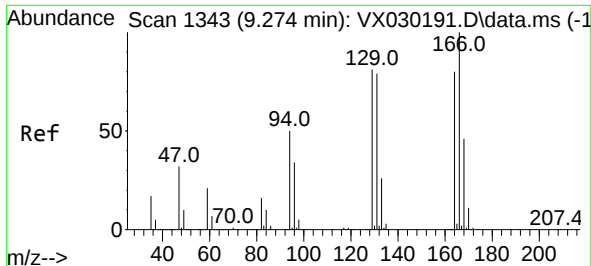
Ion Ratio Lower Upper

117 100

82 56.1 42.7 64.1

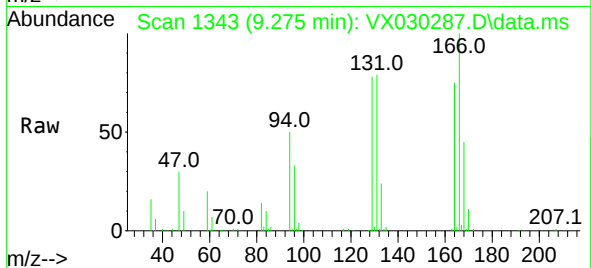
119 33.2 25.4 38.2



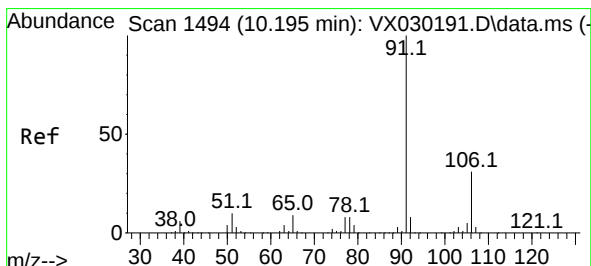
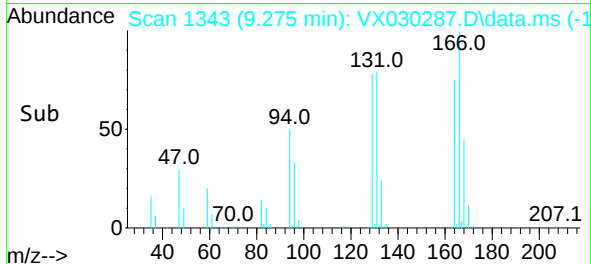
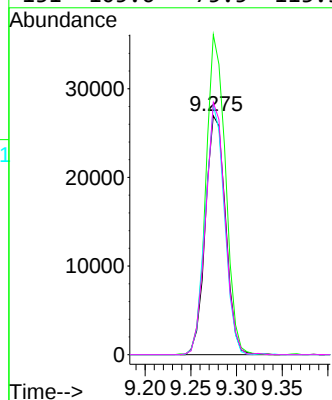


#64
Tetrachloroethene
Concen: 15.321 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

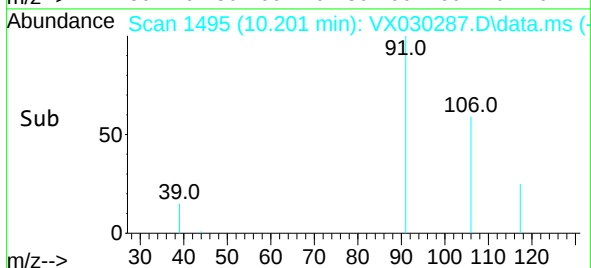
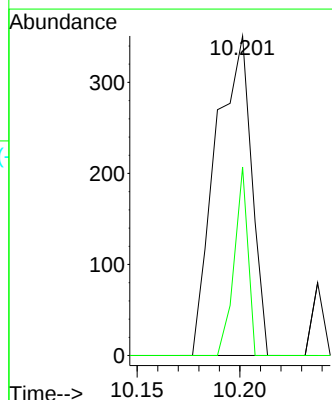
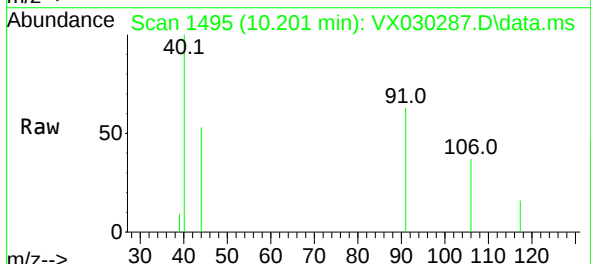


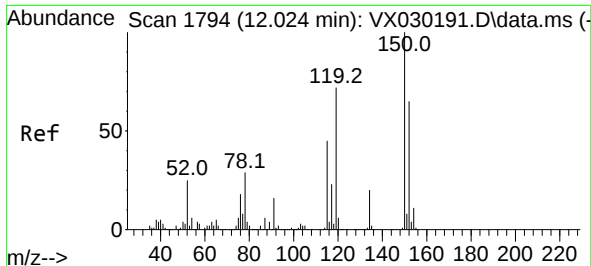
Tgt Ion:	164	Resp:	41205
Ion	Ratio	Lower	Upper
164	100		
166	134.0	98.2	147.4
129	104.8	80.8	121.2
131	105.6	75.5	113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion:	91	Resp:	425
Ion	Ratio	Lower	Upper
91	100		
106	59.0	25.5	38.3#

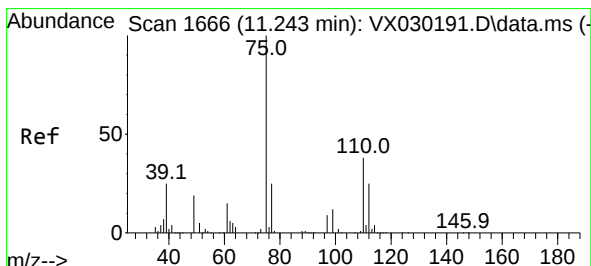
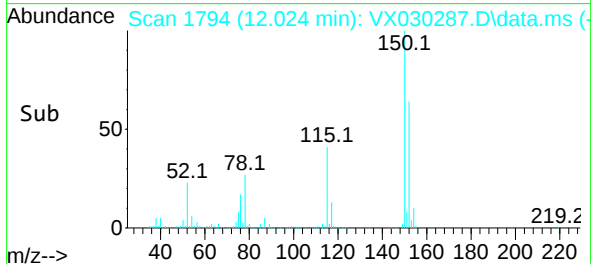
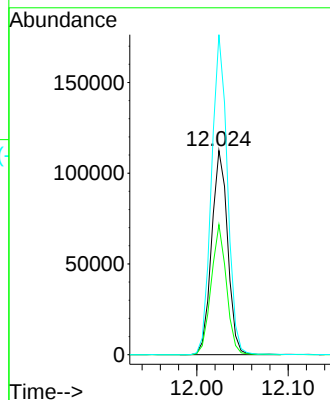
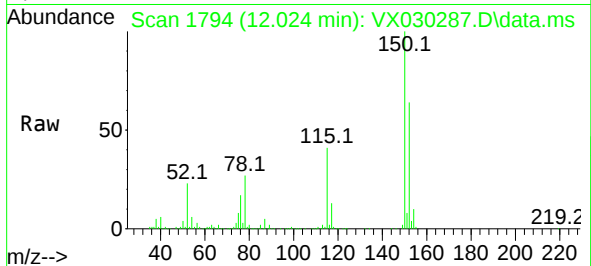




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030287.D
 Acq: 28 Jul 2022 22:03

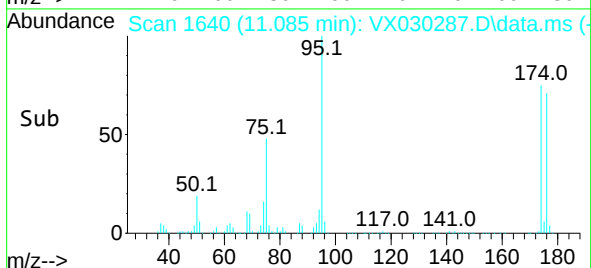
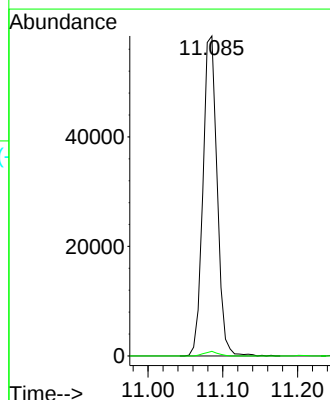
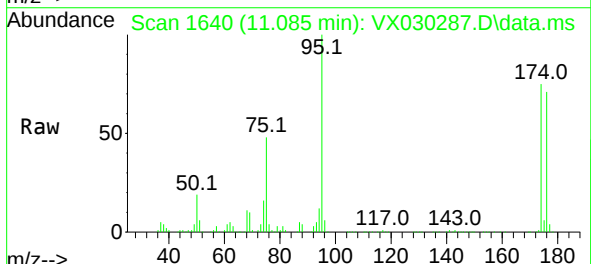
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-07052022

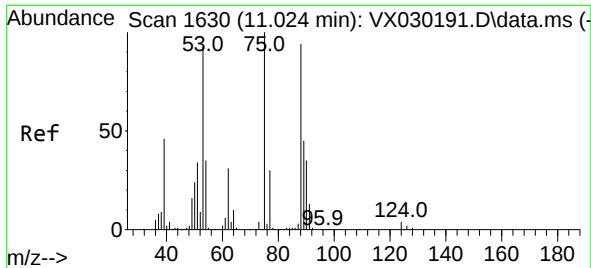
Tgt Ion:152 Resp: 137548
 Ion Ratio Lower Upper
 152 100
 115 60.6 40.5 121.5
 150 155.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.222 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030287.D
 Acq: 28 Jul 2022 22:03

Tgt Ion: 75 Resp: 76945
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#

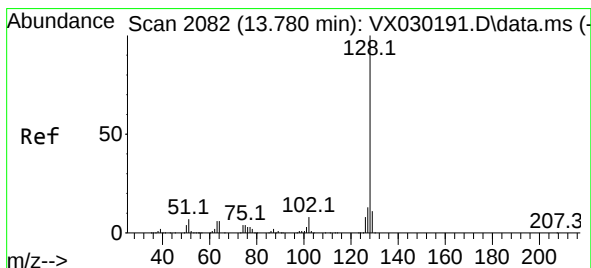
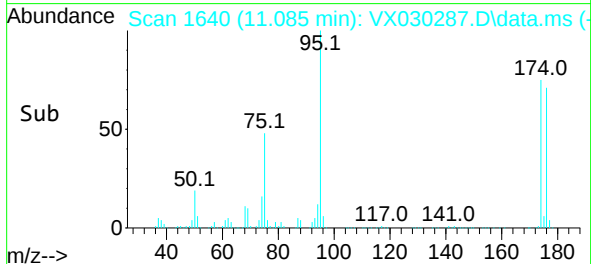
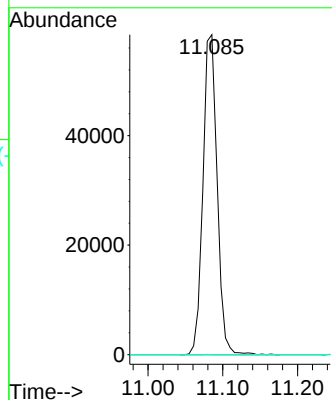
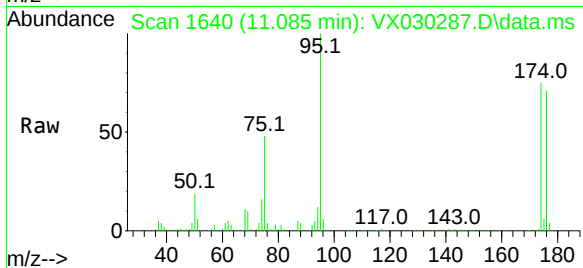




#81
trans-1,4-Dichloro-2-butene
Concen: 63.665 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

Tgt Ion: 75 Resp: 76945
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#95
Naphthalene
Concen: 0.263 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030287.D
Acq: 28 Jul 2022 22:03

Tgt Ion: 128 Resp: 2870
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 13.2 8.6 13.0#

