

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030286.D
 Acq On : 28 Jul 2022 21:40
 Operator : JC/MD
 Sample : N3695-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-07112022

Quant Time: Jul 29 06:01:05 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)

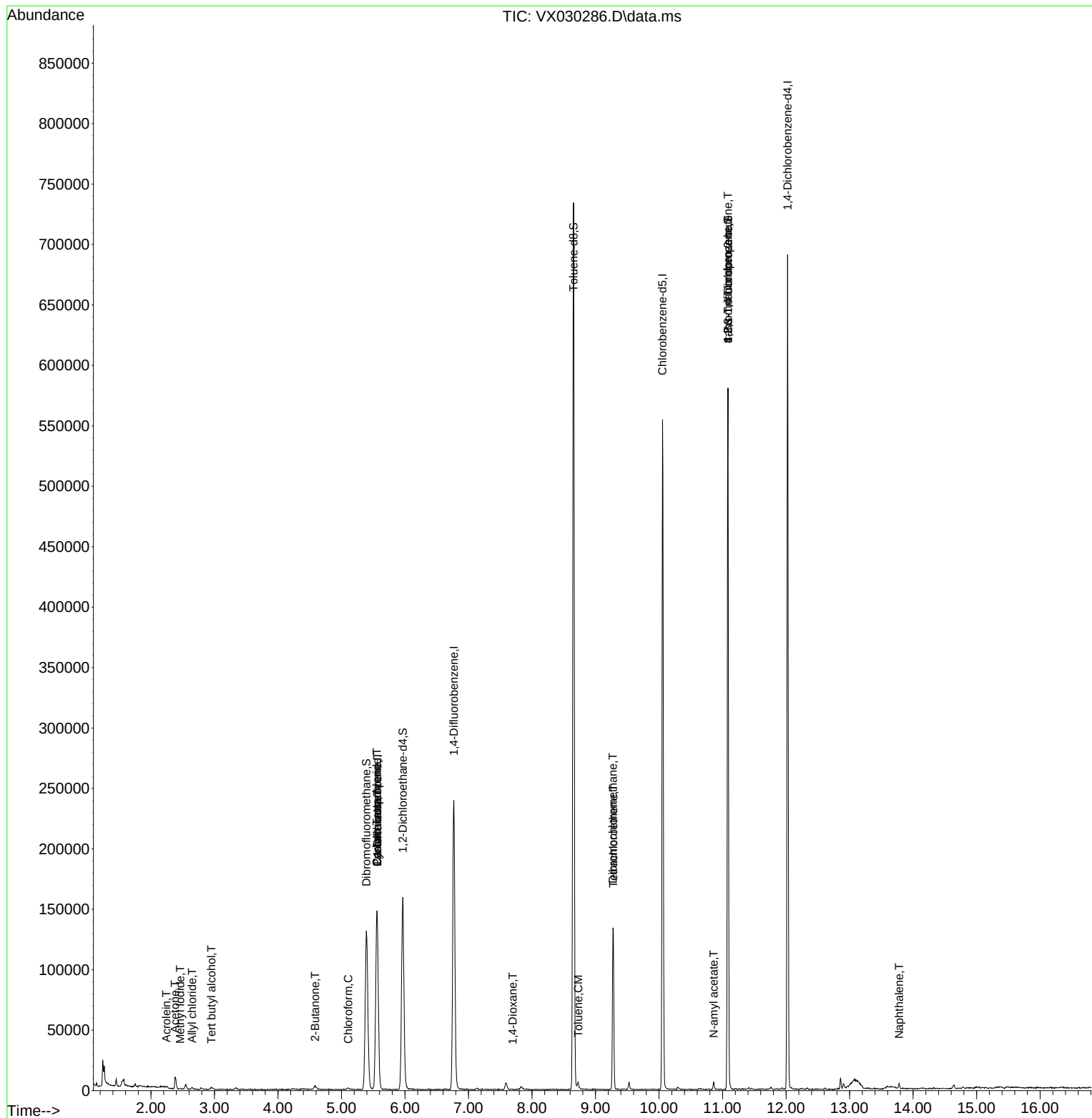
Internal Standards						
1) Pentafluorobenzene	5.562	168	139443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146782	52.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	5.391	113	117319	49.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	8.653	98	440379	48.428	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.860%			
62) 4-Bromofluorobenzene	11.085	95	158113	46.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.700%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	488	Below Cal	#	42
10) Methyl Iodide	2.459	142	386	1.697	ug/l #	67
11) Tert butyl alcohol	2.953	59	1471	2.152	ug/l #	88
13) Acrolein	2.239	56	60	0.357	ug/l #	1
14) Allyl chloride	2.648	41	1497	0.333	ug/l #	60
16) Acetone	2.379	43	10579	7.373	ug/l	99
20) Methylene Chloride	2.782	84	560	Below Cal	#	41
25) 2-Butanone	4.586	43	4352	1.805	ug/l #	73
30) Chloroform	5.105	83	1217	0.272	ug/l	88
31) Cyclohexane	5.562	56	3378	0.830	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11752	3.478	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14695	4.658	ug/l #	18
49) 1,4-Dioxane	7.696	88	24	0.301	ug/l #	25
52) Toluene	8.726	92	2051	0.316	ug/l	96
60) Dibromochloromethane	9.275	129	25755	10.074	ug/l #	11
64) Tetrachloroethene	9.281	164	25357	9.378	ug/l	96
67) Ethyl Benzene	10.195	91	418	Below Cal		98
74) N-amyl acetate	10.860	43	1150	0.221	ug/l #	46
76) 1,2,3-Trichloropropane	11.085	75	76828	21.207	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	76828	63.618	ug/l #	13
95) Naphthalene	13.780	128	3192	0.293	ug/l	97

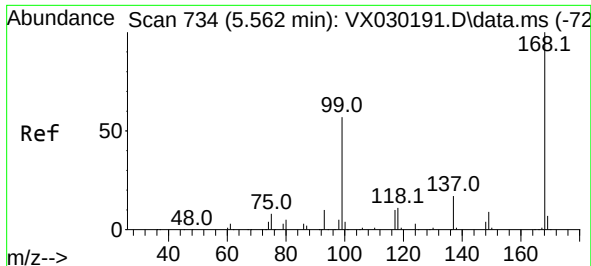
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
Data File : VX030286.D
Acq On : 28 Jul 2022 21:40
Operator : JC/MD
Sample : N3695-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

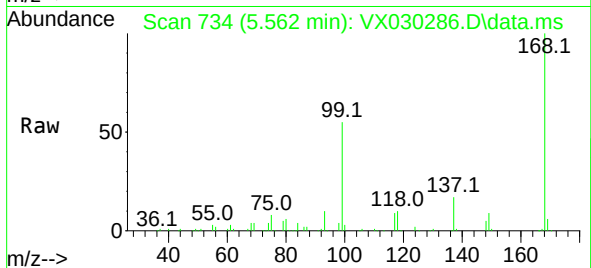
Quant Time: Jul 29 06:01:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



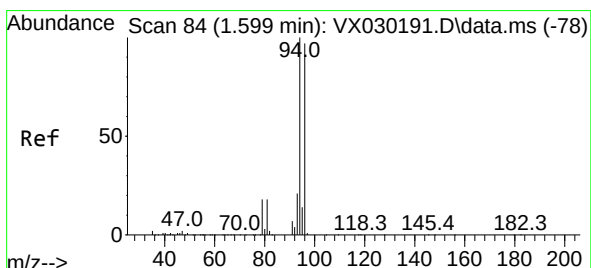
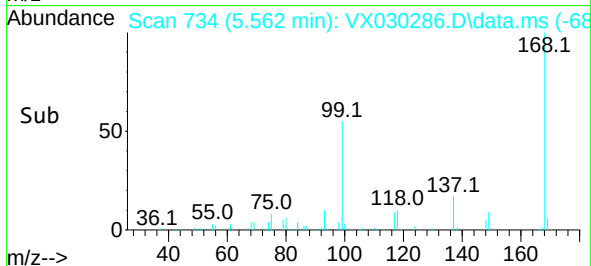
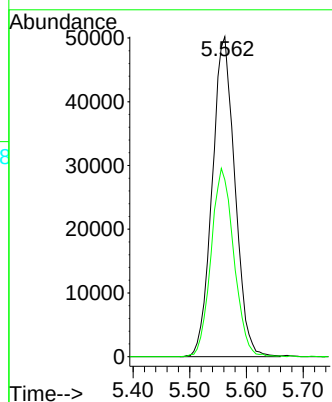


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

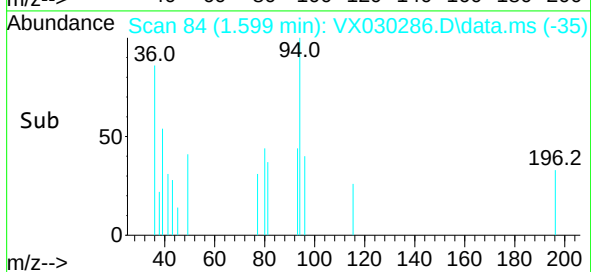
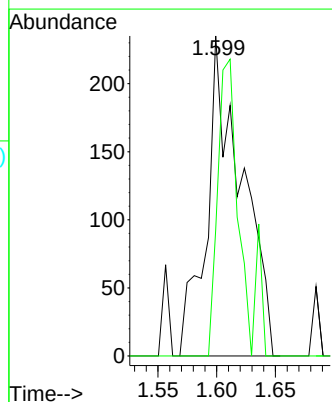
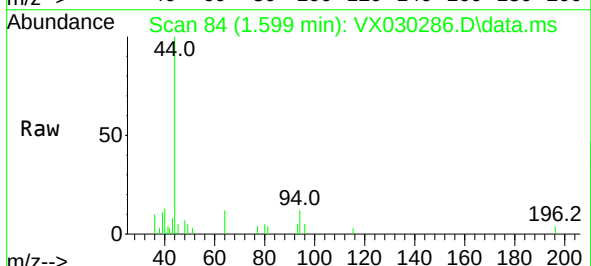


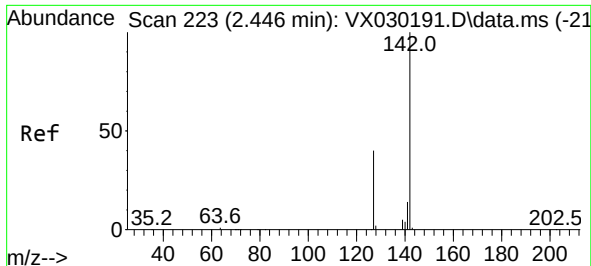
Tgt Ion:168 Resp: 139443
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

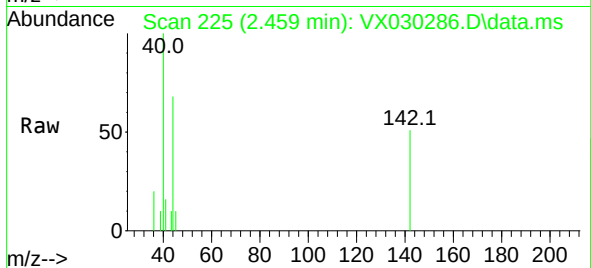
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 39.6 76.9 115.3#



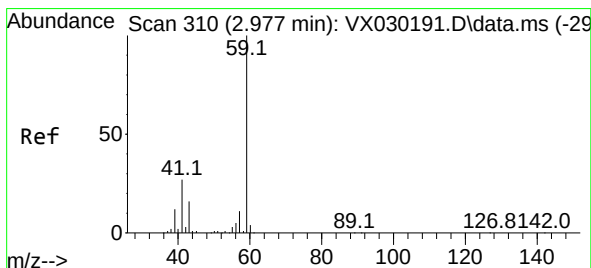
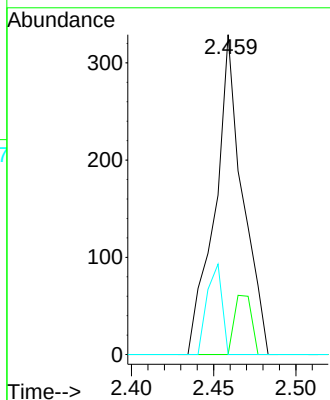
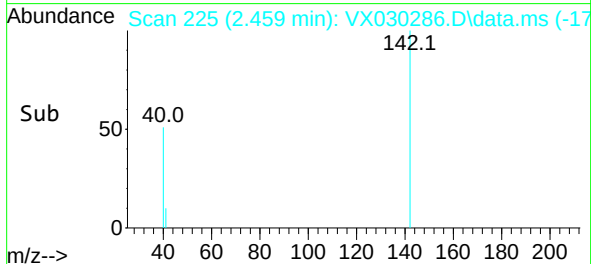


#10
Methyl Iodide
Concen: 1.697 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

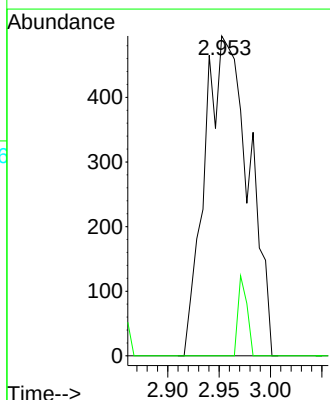
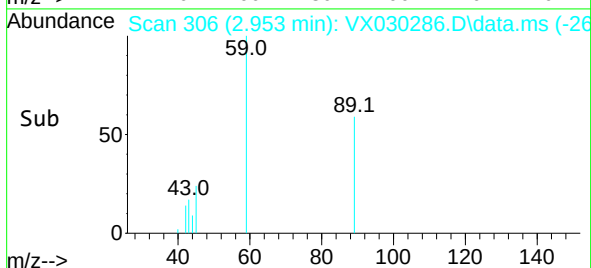
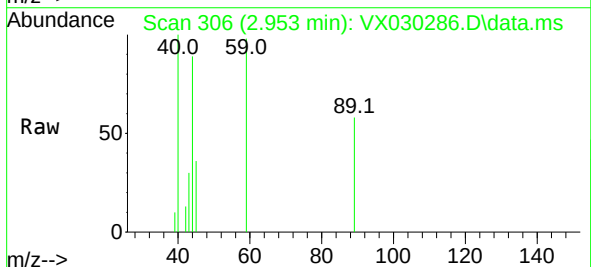


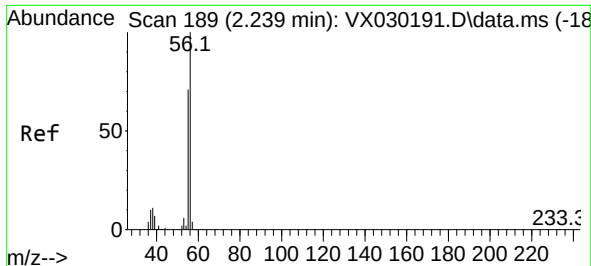
Tgt Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
127 11.4 30.2 45.2#
141 15.3 11.3 16.9



#11
Tert butyl alcohol
Concen: 2.152 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 59 Resp: 1471
Ion Ratio Lower Upper
59 100
57 5.1 7.4 11.2#

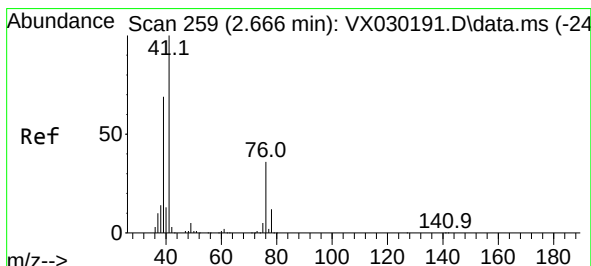
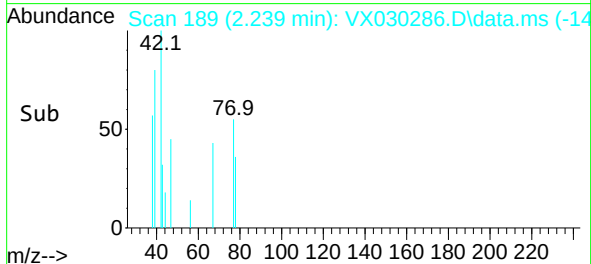
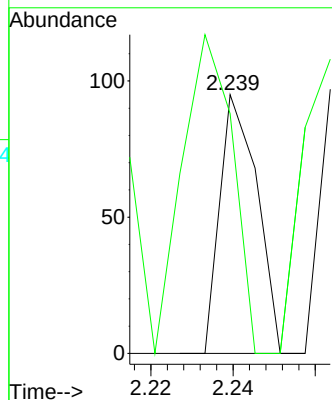
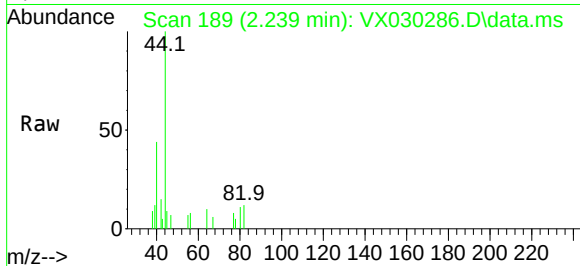




#13
Acrolein
Concen: 0.357 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

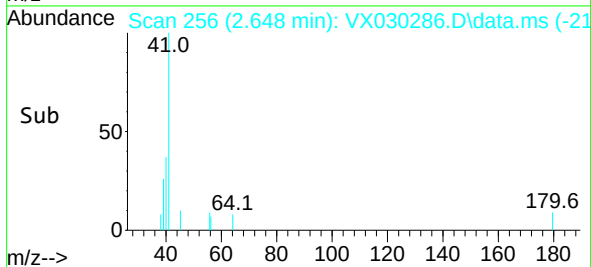
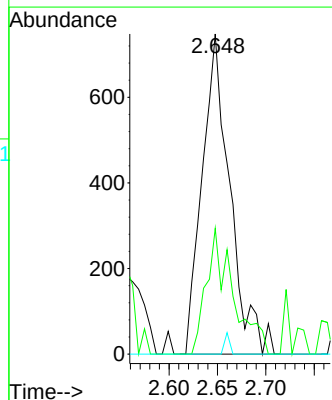
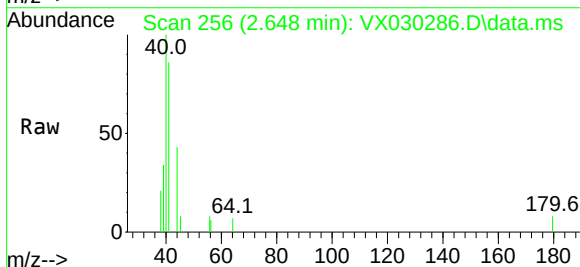
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

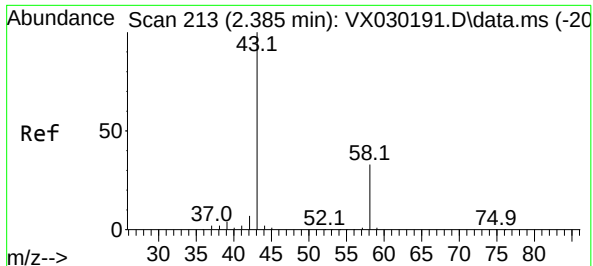
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 208.3 56.6 84.8#



#14
Allyl chloride
Concen: 0.333 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 41 Resp: 1497
Ion Ratio Lower Upper
41 100
39 38.0 48.9 73.3#
76 0.0 26.9 40.3#

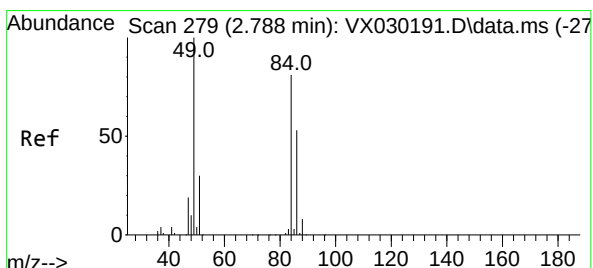
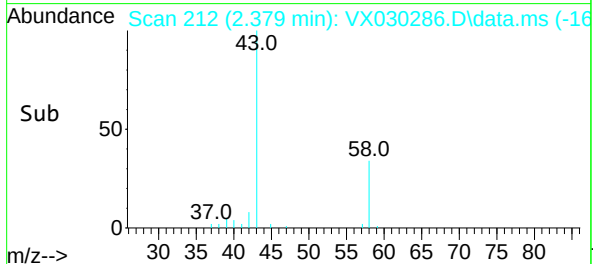
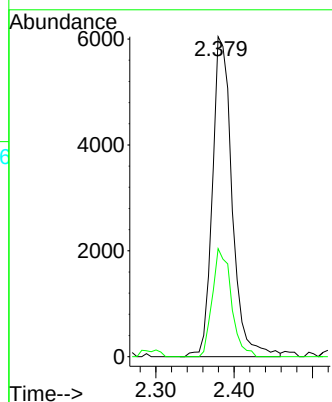
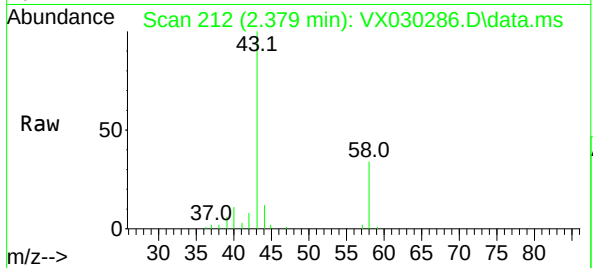




#16
Acetone
Concen: 7.373 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

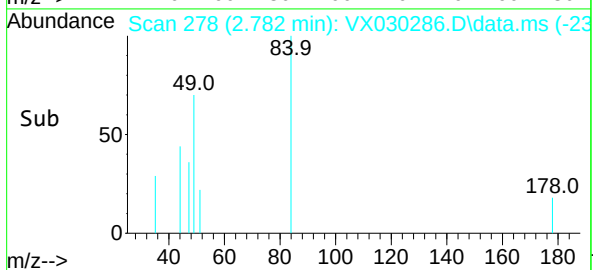
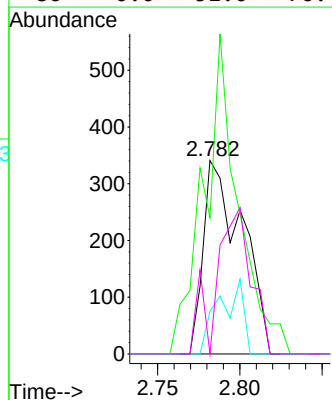
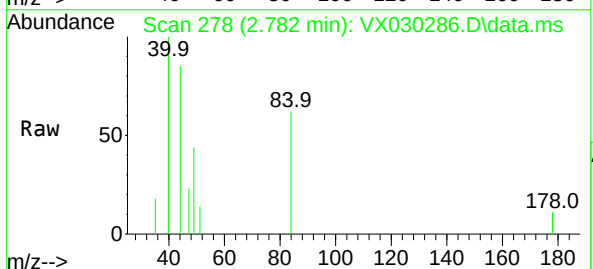
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

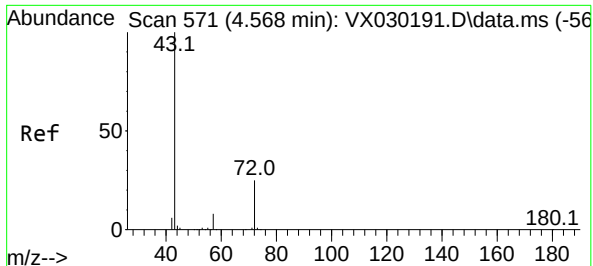
Tgt Ion: 43 Resp: 10579
Ion Ratio Lower Upper
43 100
58 33.7 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 84 Resp: 560
Ion Ratio Lower Upper
84 100
49 54.8 93.8 140.6#
51 22.0 29.4 44.0#
86 0.0 51.0 76.4#

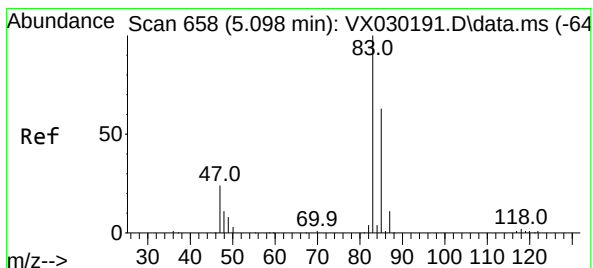
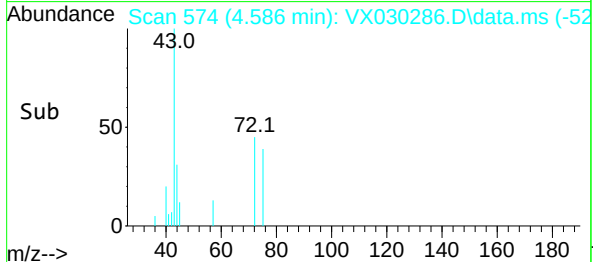
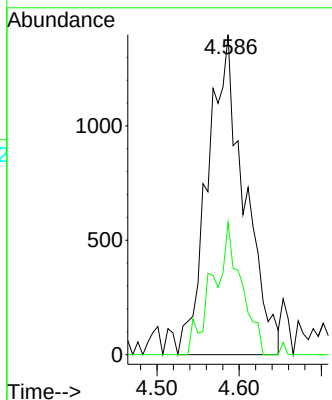
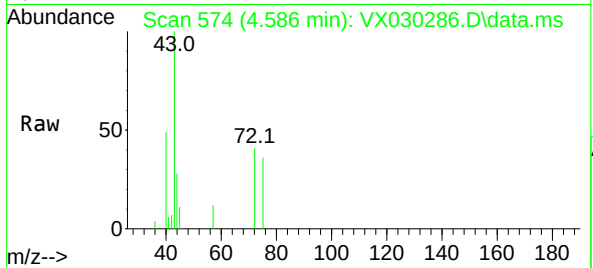




#25
2-Butanone
Concen: 1.805 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

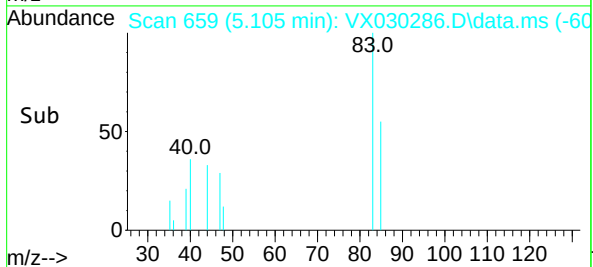
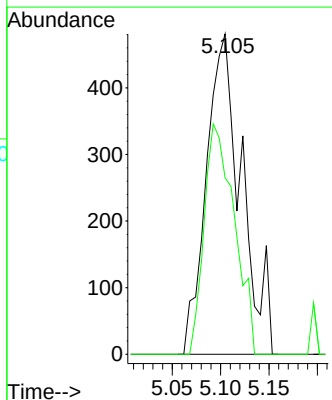
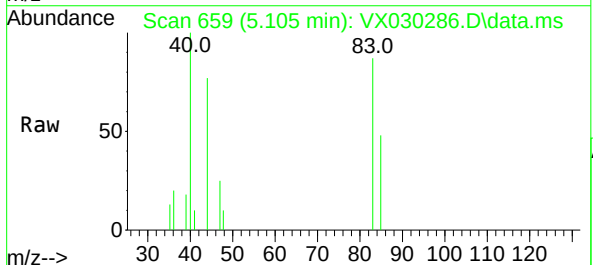
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

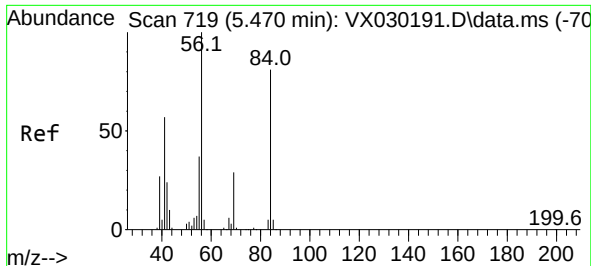
Tgt Ion: 43 Resp: 4352
Ion Ratio Lower Upper
43 100
72 41.3 21.7 32.5#



#30
Chloroform
Concen: 0.272 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.007 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 83 Resp: 1217
Ion Ratio Lower Upper
83 100
85 55.1 51.5 77.3

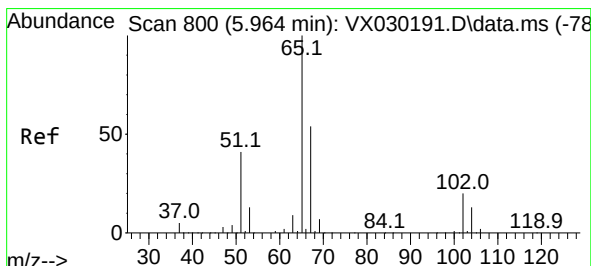
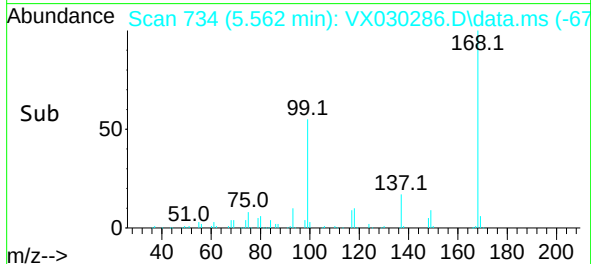
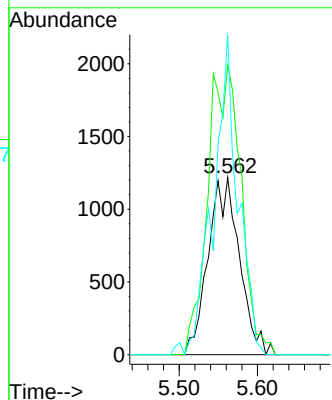
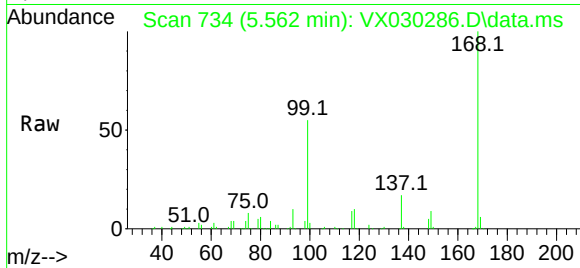




#31
Cyclohexane
Concen: 0.830 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

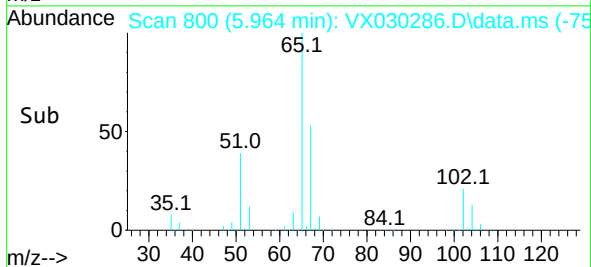
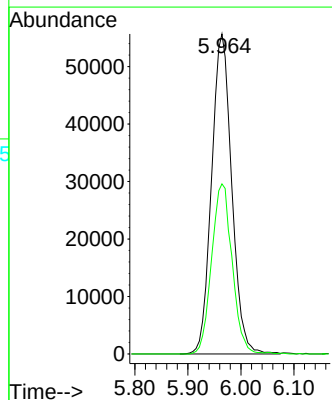
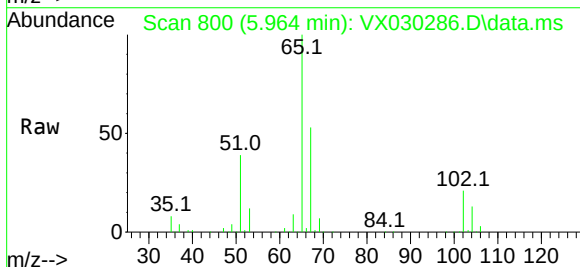
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

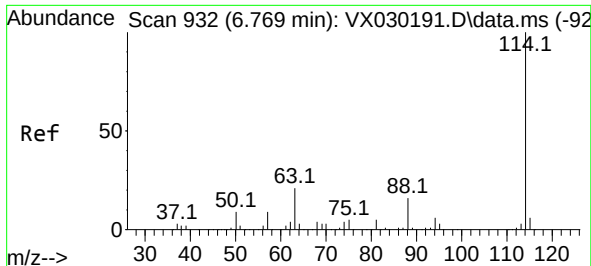
Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
69 163.2 25.4 38.0#
84 180.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.371 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 65 Resp: 146782
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

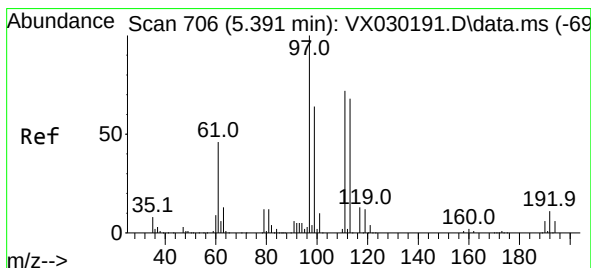
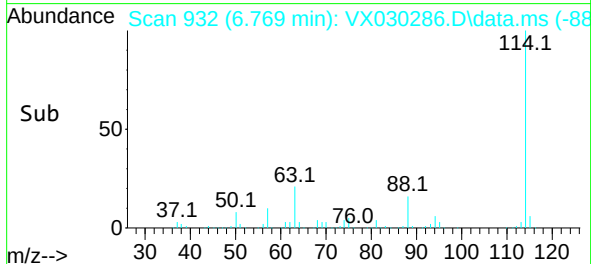
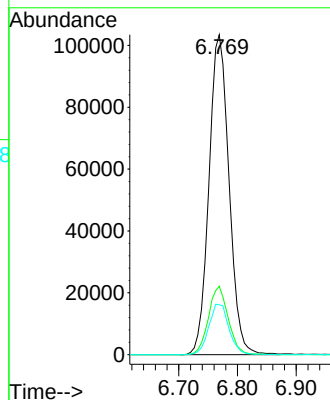
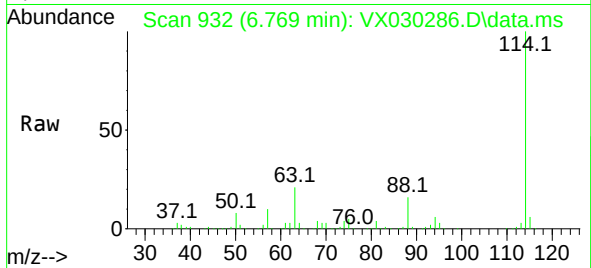




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

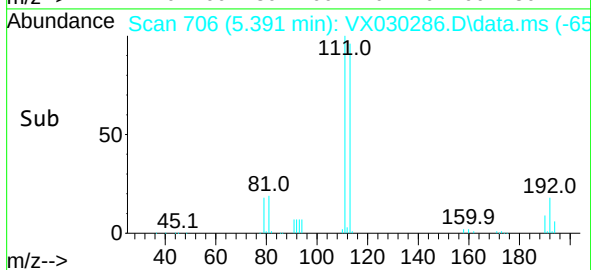
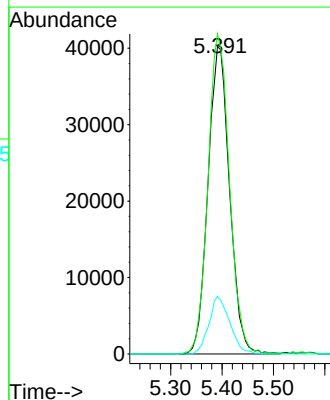
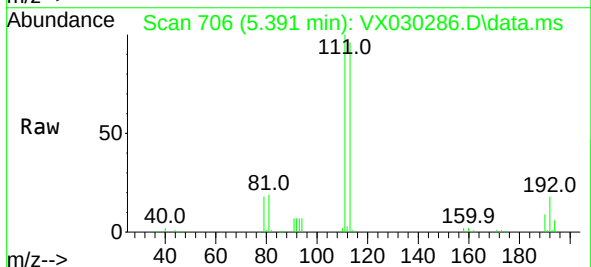
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

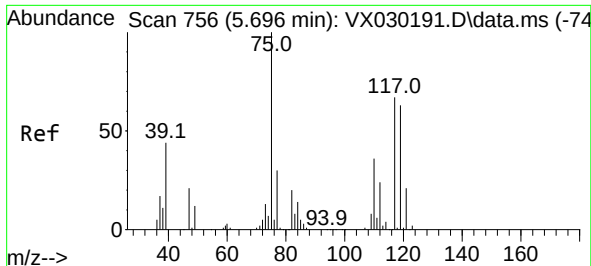
Tgt Ion:114 Resp: 245633
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.4
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion:113 Resp: 117319
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 18.1 14.8 22.2

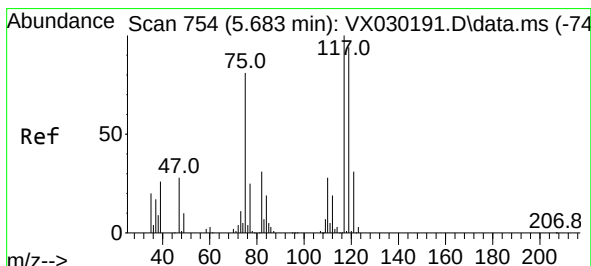
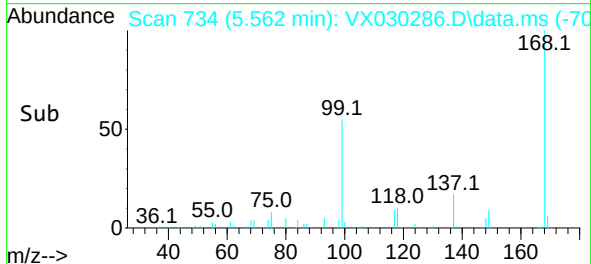
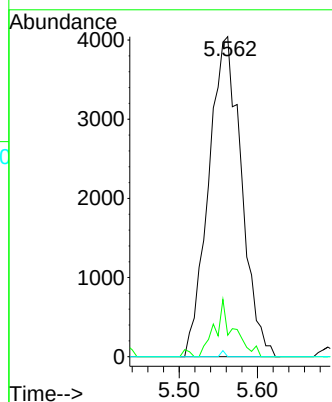
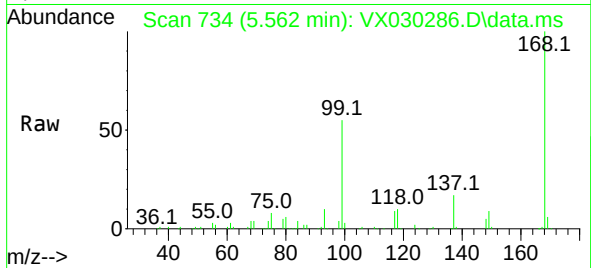




#36
 1,1-Dichloropropene
 Concen: 3.478 ug/l
 RT: 5.562 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX030286.D
 Acq: 28 Jul 2022 21:40

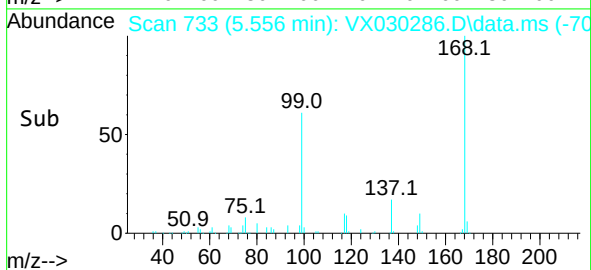
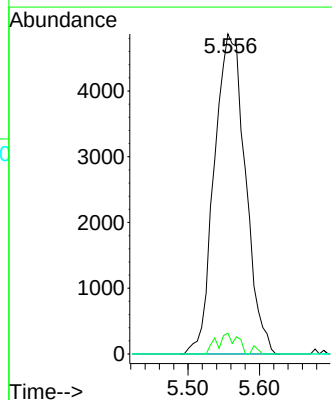
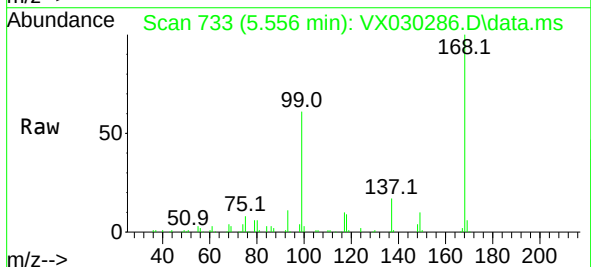
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-02-07112022

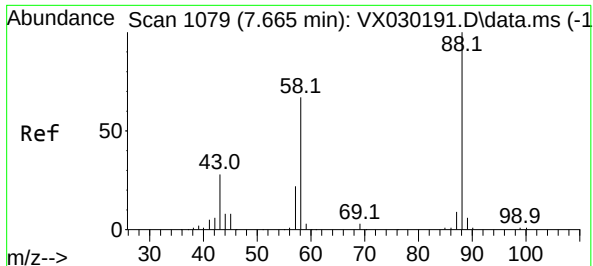
Tgt Ion: 75 Resp: 11752
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.3 57.9#
 77 0.2 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.658 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.127 min
 Lab File: VX030286.D
 Acq: 28 Jul 2022 21:40

Tgt Ion: 117 Resp: 14695
 Ion Ratio Lower Upper
 117 100
 119 6.5 74.1 111.1#
 121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.301 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.031 min

Lab File: VX030286.D

Acq: 28 Jul 2022 21:40

Instrument :

MSVOA_X

ClientSampleId :

EB-02-07112022

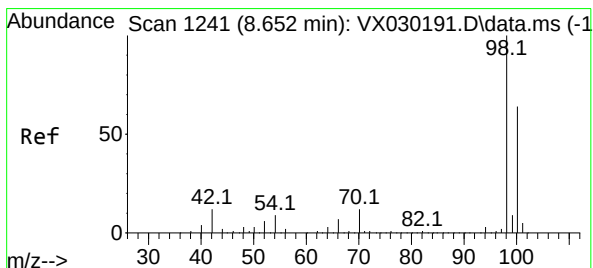
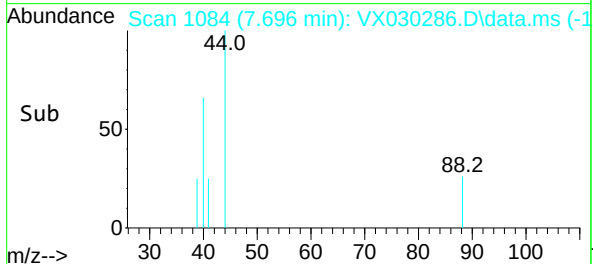
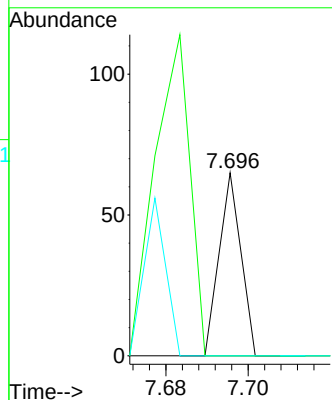
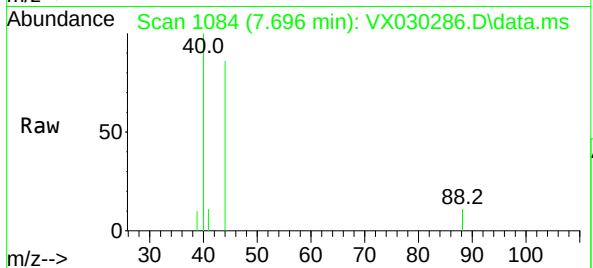
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.428 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030286.D

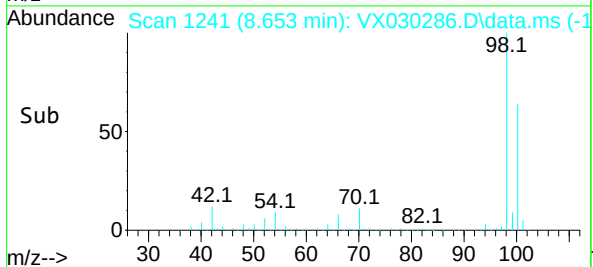
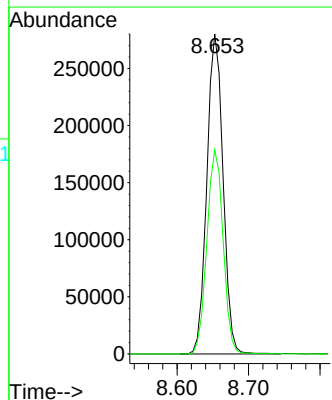
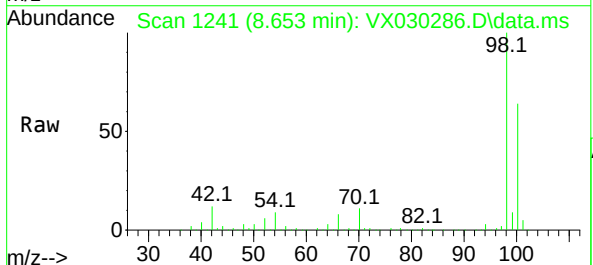
Acq: 28 Jul 2022 21:40

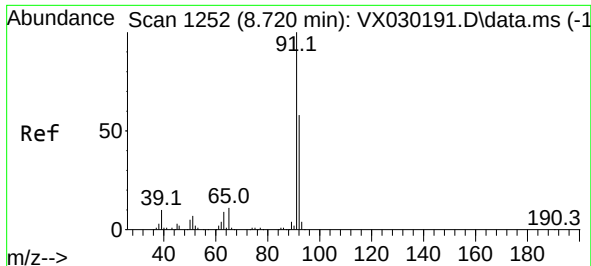
Tgt Ion: 98 Resp: 440379

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

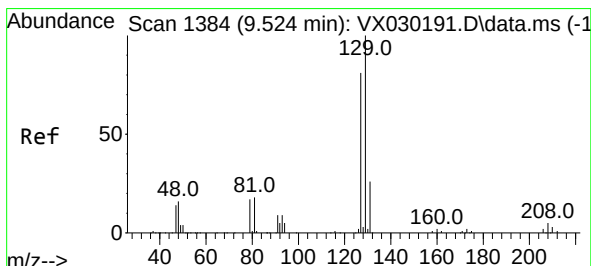
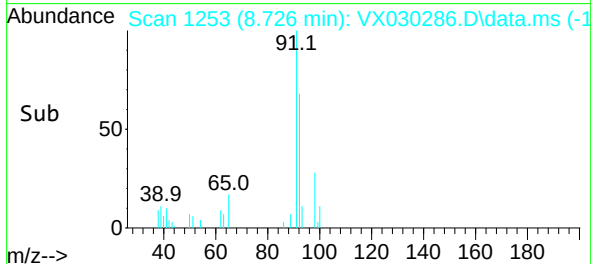
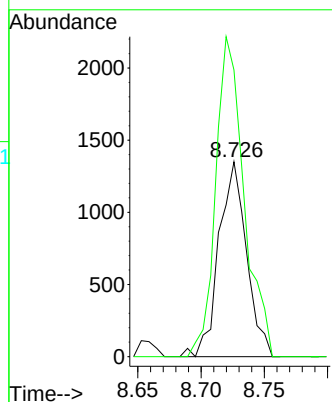
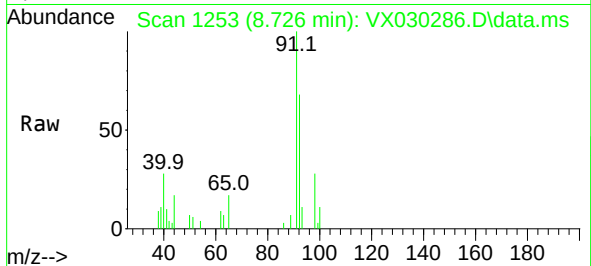




#52
Toluene
Concen: 0.316 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

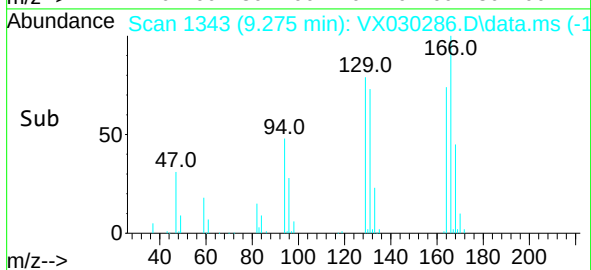
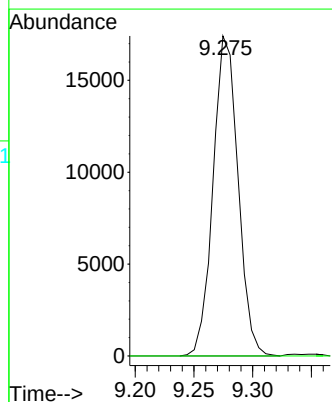
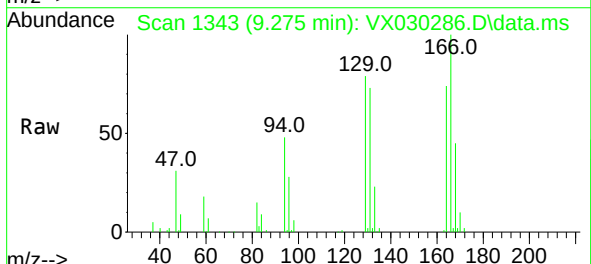
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

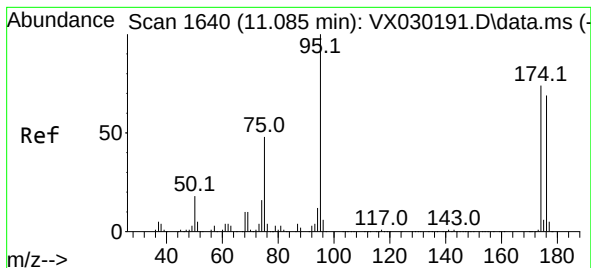
Tgt Ion: 92 Resp: 2051
Ion Ratio Lower Upper
92 100
91 168.2 139.2 208.8



#60
Dibromochloromethane
Concen: 10.074 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 129 Resp: 25755
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

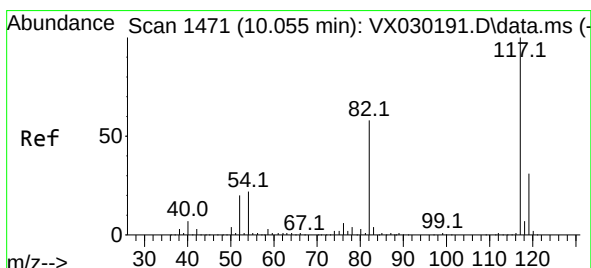
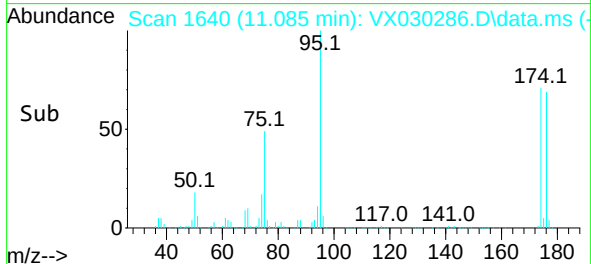
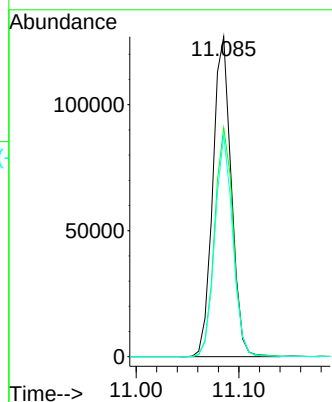
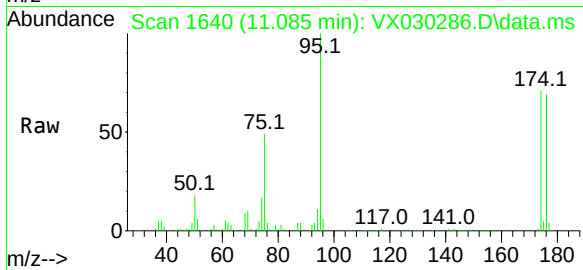




#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

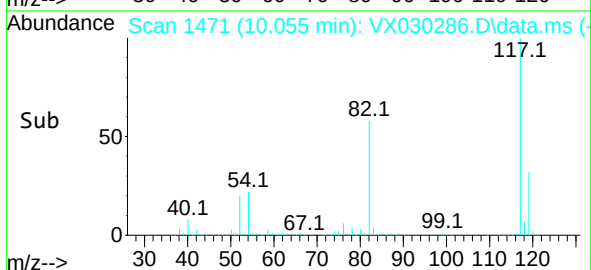
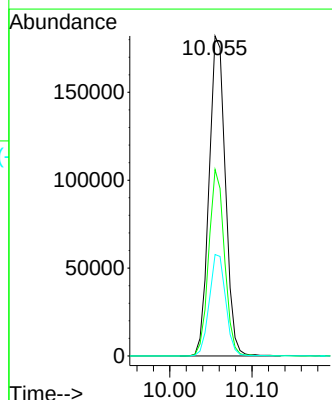
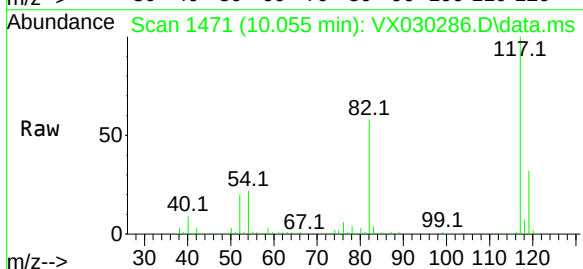
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

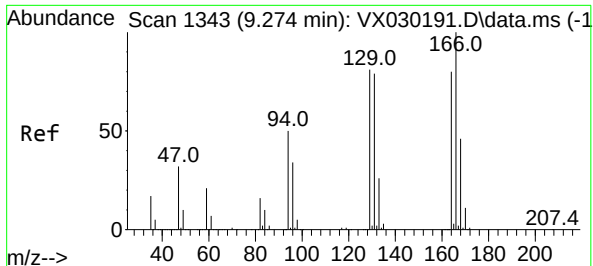
Tgt Ion: 95 Resp: 158113
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 67.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 117 Resp: 251154
Ion Ratio Lower Upper
117 100
82 58.2 42.7 64.1
119 31.7 25.4 38.2

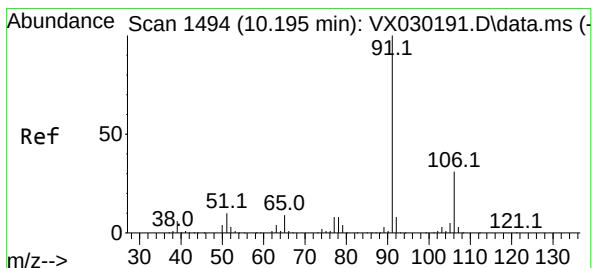
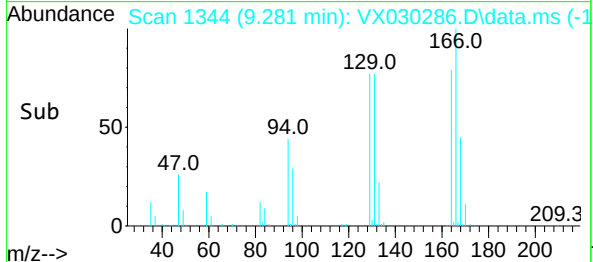
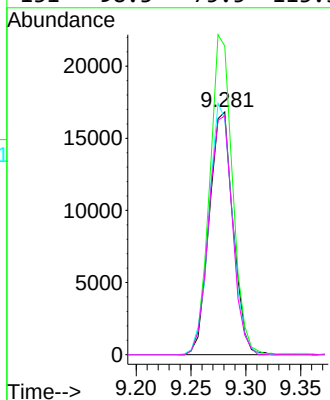
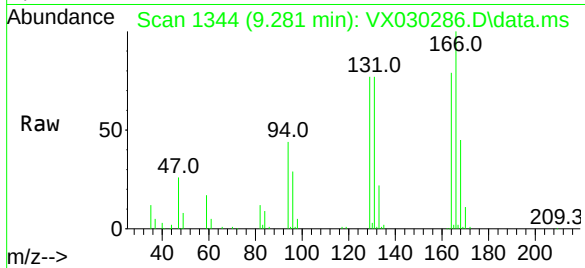




#64
Tetrachloroethene
Concen: 9.378 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

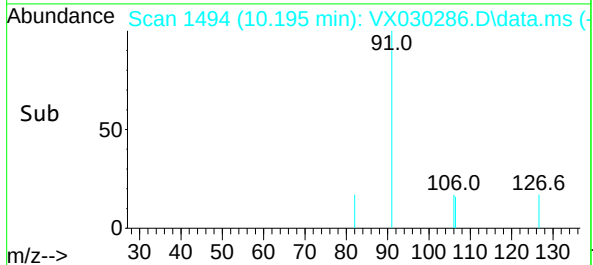
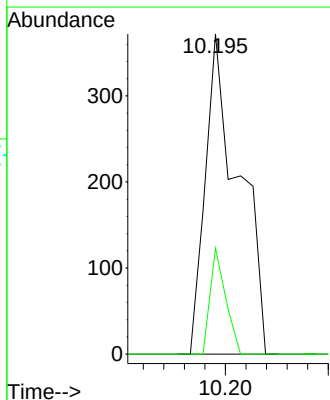
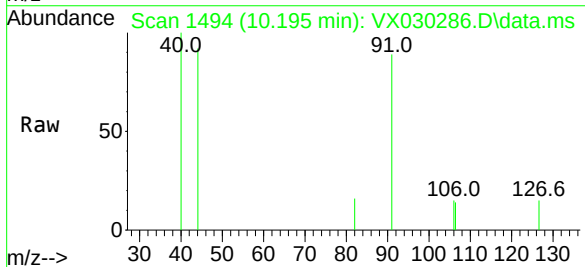
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

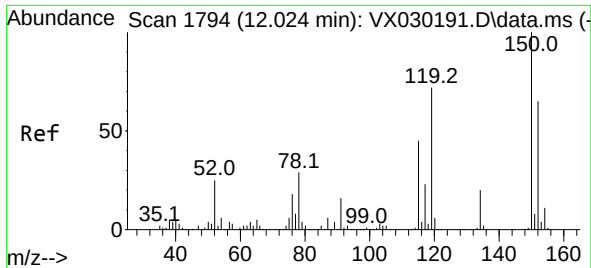
Tgt Ion:164 Resp: 25357
Ion Ratio Lower Upper
164 100
166 127.1 98.2 147.4
129 97.3 80.8 121.2
131 98.3 75.5 113.3



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 91 Resp: 418
Ion Ratio Lower Upper
91 100
106 33.1 25.5 38.3

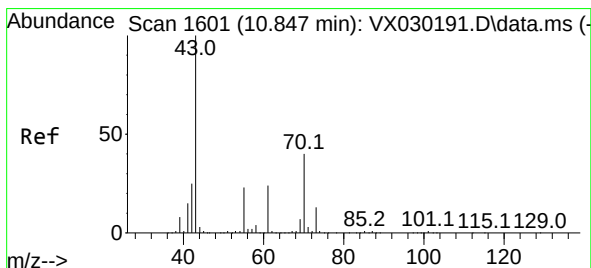
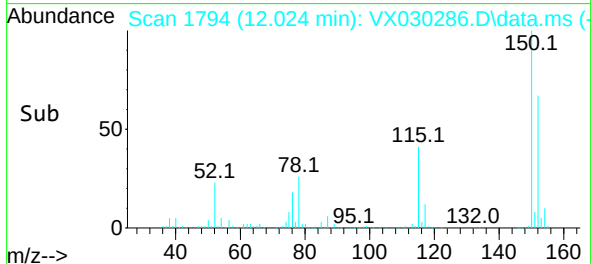
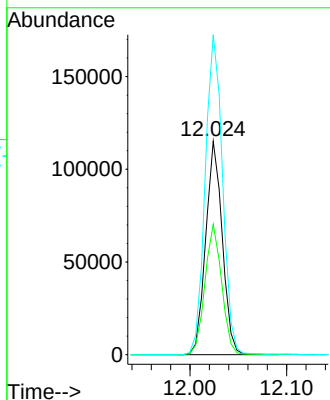
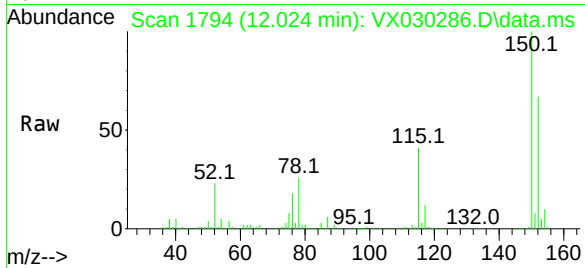




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

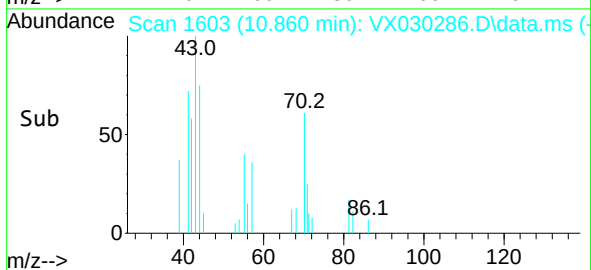
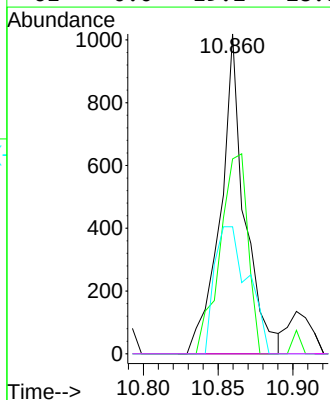
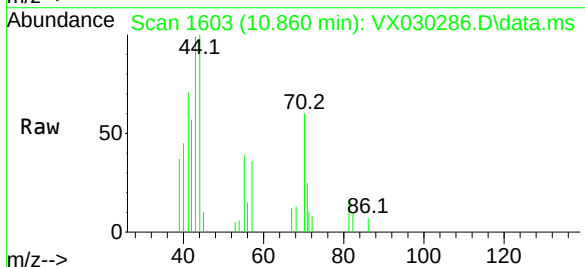
Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

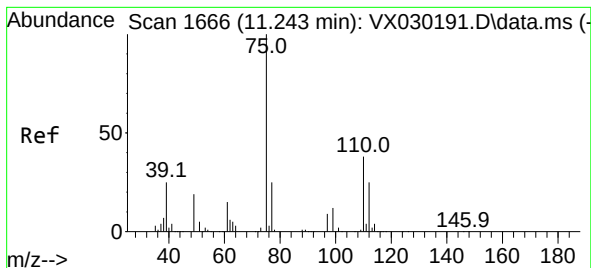
Tgt Ion:152 Resp: 137440
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 156.6 0.0 347.0



#74
N-ethyl acetate
Concen: 0.221 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.013 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
70 71.6 32.3 48.5#
55 54.7 18.4 27.6#
61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 21.207 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX030286.D

Acq: 28 Jul 2022 21:40

Instrument :

MSVOA_X

ClientSampleId :

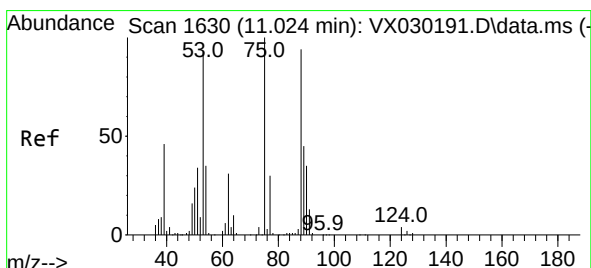
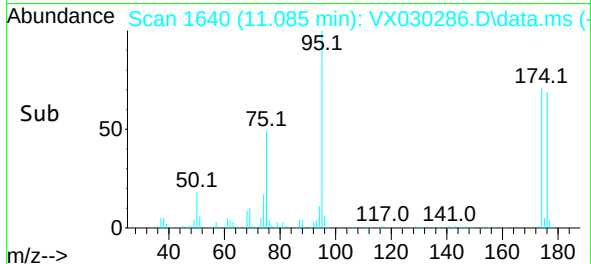
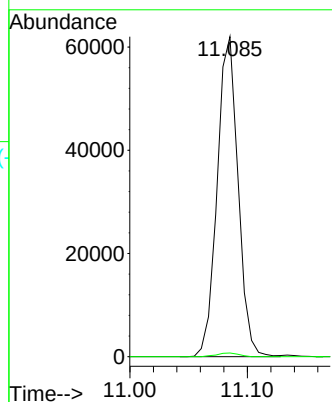
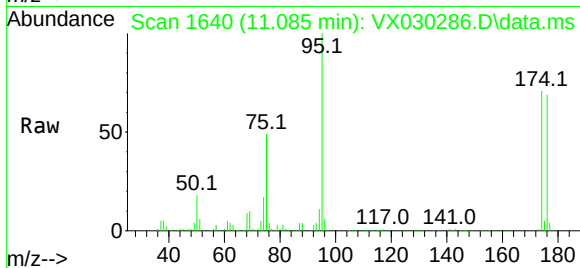
EB-02-07112022

Tgt Ion: 75 Resp: 76828

Ion Ratio Lower Upper

75 100

77 1.2 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.618 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX030286.D

Acq: 28 Jul 2022 21:40

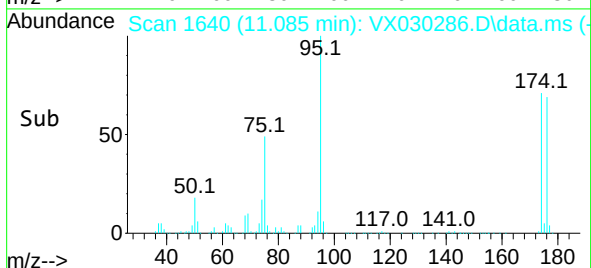
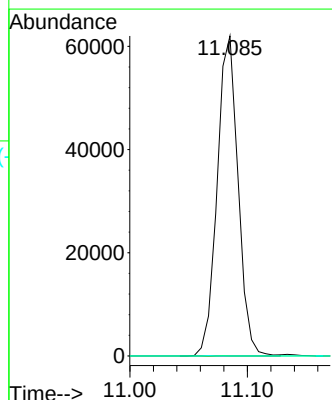
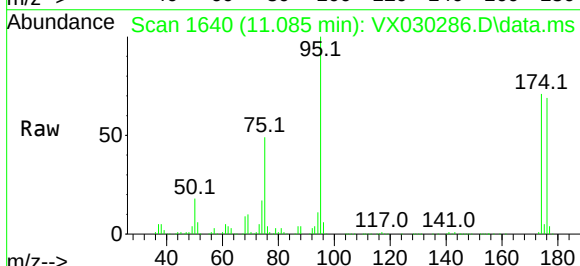
Tgt Ion: 75 Resp: 76828

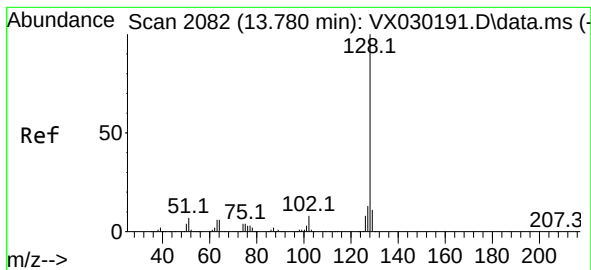
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#





#95
Naphthalene
Concen: 0.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030286.D
Acq: 28 Jul 2022 21:40

Instrument :
MSVOA_X
ClientSampleId :
EB-02-07112022

Tgt Ion:	128	Resp:	3192
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	9.3	8.6	13.0

