

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030253.D
 Acq On : 28 Jul 2022 00:26
 Operator : JC/MD
 Sample : PB146425TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146425TB

Quant Time: Jul 28 05:56:08 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)

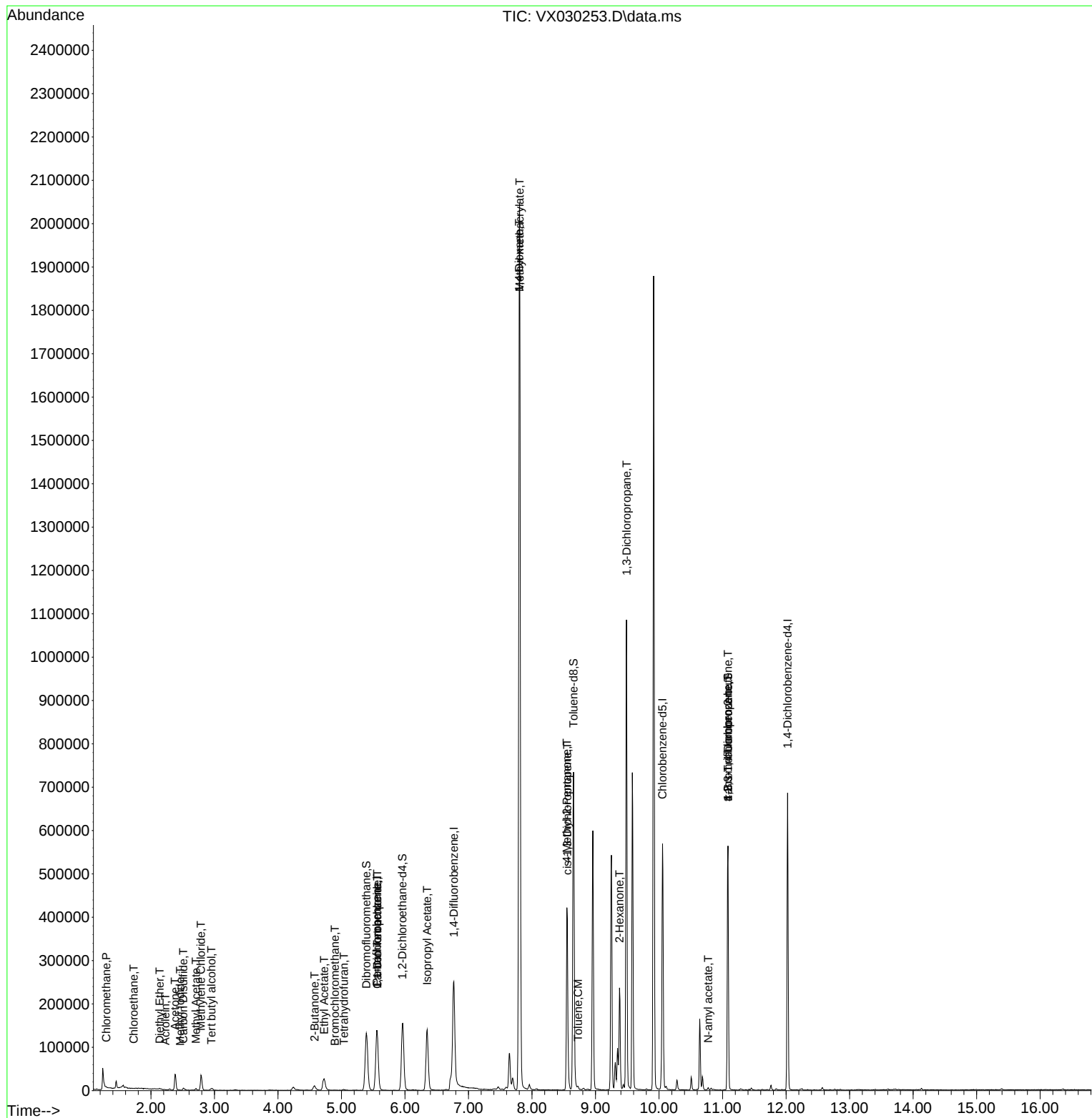
Internal Standards						
1) Pentafluorobenzene	5.556	168	127187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147470	57.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.380%			
35) Dibromofluoromethane	5.391	113	118372	52.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	8.653	98	437952	50.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.085	95	155605	47.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.980%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	417	0.202	ug/l	90
5) Bromomethane	1.599	94	182	Below Cal	#	76
6) Chloroethane	1.727	64	1041	0.870	ug/l #	78
8) Diethyl Ether	2.136	74	347	0.323	ug/l #	1
10) Methyl Iodide	2.459	142	309	1.676	ug/l #	60
11) Tert butyl alcohol	2.953	59	4500	7.216	ug/l #	90
13) Acrolein	2.227	56	89	0.581	ug/l	94
16) Acetone	2.380	43	39074	29.855	ug/l	93
17) Carbon Disulfide	2.508	76	5588	1.042	ug/l	96
18) Methyl Acetate	2.709	43	4413	1.140	ug/l	97
20) Methylene Chloride	2.788	84	14979	4.362	ug/l	94
25) 2-Butanone	4.574	43	18062	8.212	ug/l	92
28) Bromochloromethane	4.897	49	439	0.252	ug/l #	59
29) Tetrahydrofuran	5.038	42	1576	1.065	ug/l #	67
36) 1,1-Dichloropropene	5.562	75	10820	3.333	ug/l #	47
37) Ethyl Acetate	4.727	43	47149	10.255	ug/l	99
38) Carbon Tetrachloride	5.562	117	13341	4.401	ug/l #	17
43) Isopropyl Acetate	6.348	43	191138	28.358	ug/l	96
48) Methyl methacrylate	7.805	41	177391	53.470	ug/l #	41
49) 1,4-Dioxane	7.799	88	202	2.636	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	144011	31.472	ug/l #	50
52) Toluene	8.726	92	1748	0.280	ug/l	89
54) cis-1,3-Dichloropropene	8.555	75	64434	16.285	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	8767	2.001	ug/l #	42
59) 2-Hexanone	9.378	43	177793	49.249	ug/l #	24
67) Ethyl Benzene	10.201	91	390	Below Cal	#	43
74) N-amyl acetate	10.774	43	2431	0.481	ug/l #	54
76) 1,2,3-Trichloropropane	11.085	75	77975	22.206	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77975	66.616	ug/l #	13

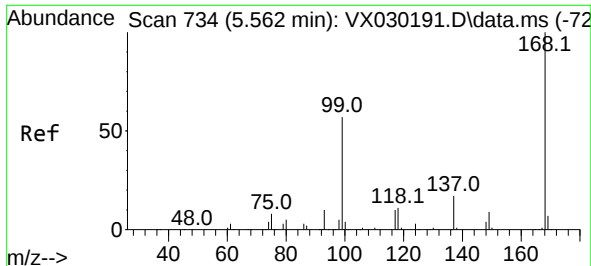
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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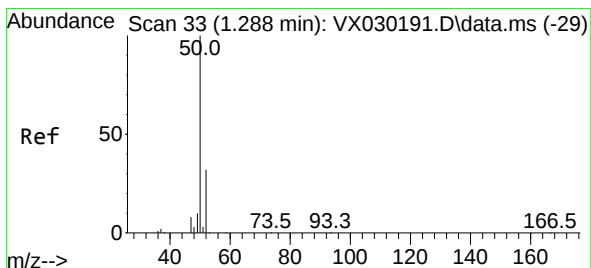
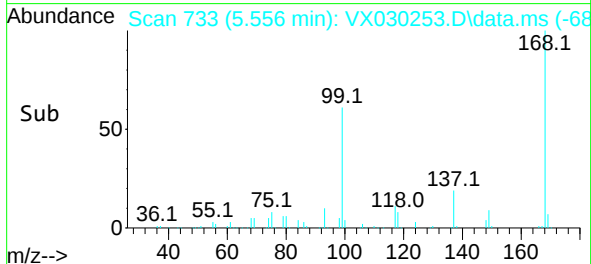
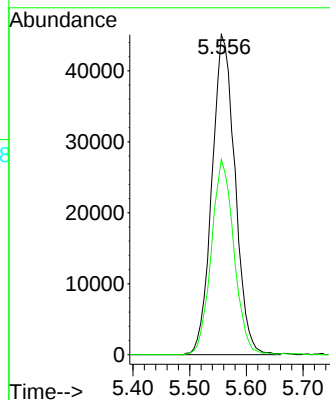
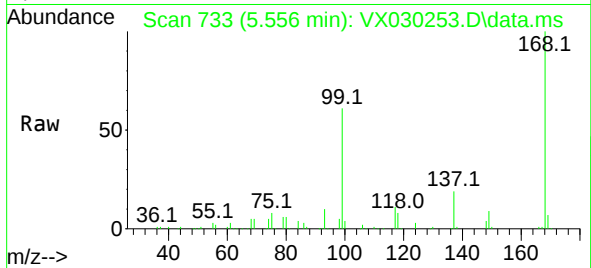




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

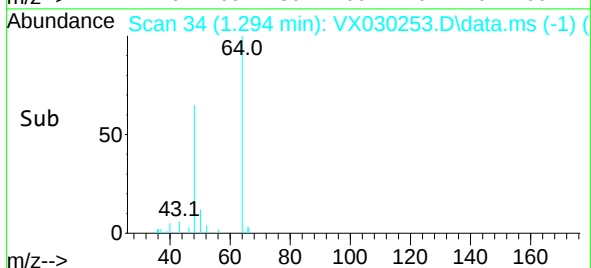
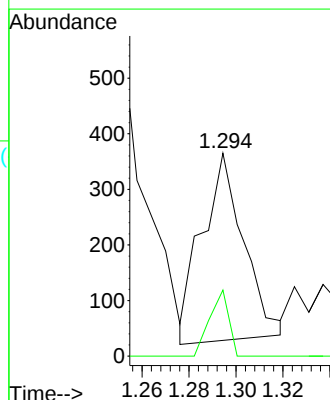
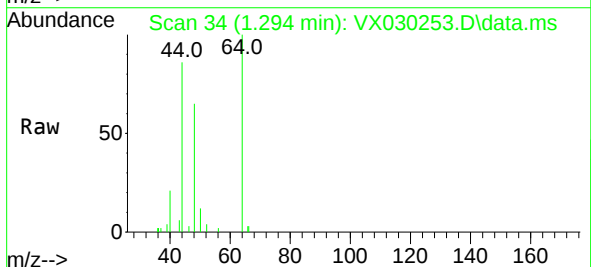
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

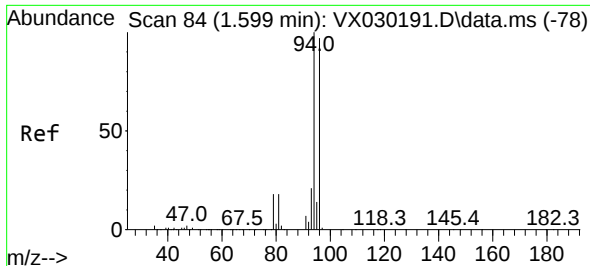
Tgt Ion:168 Resp: 127187
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 38.8 26.3 39.5

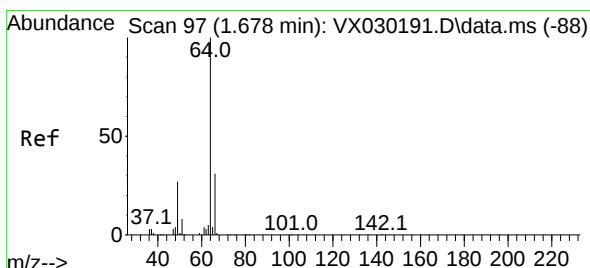
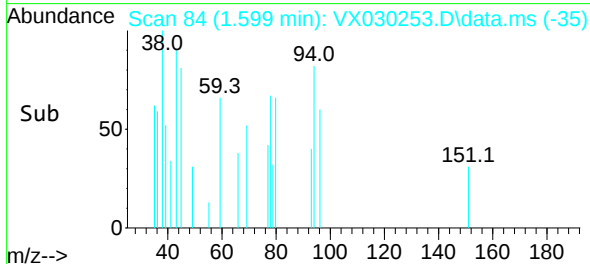
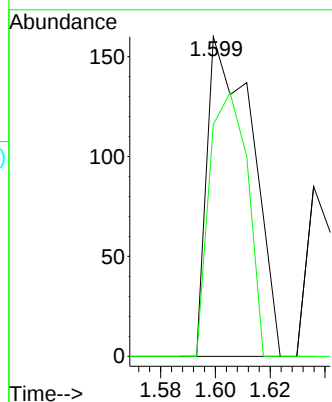
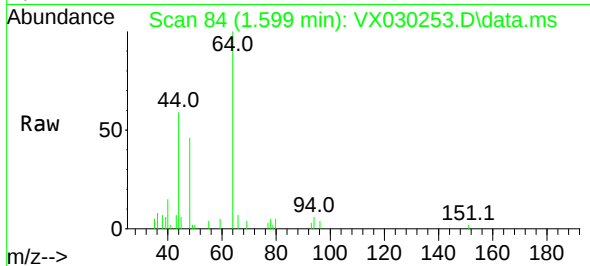




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

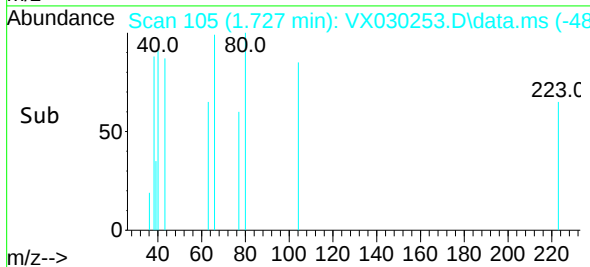
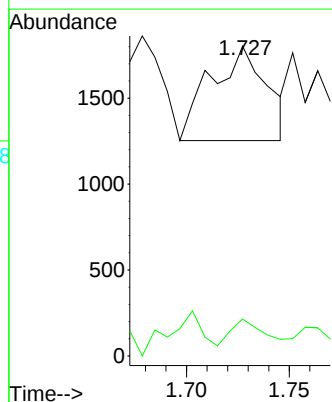
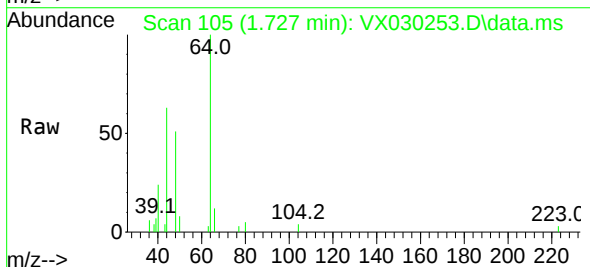
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

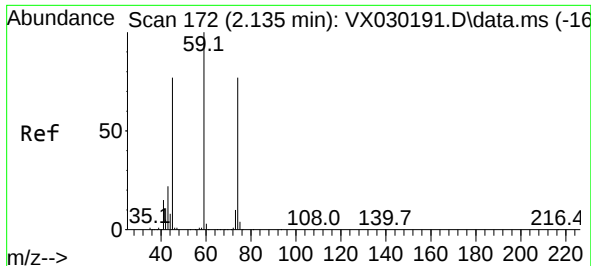
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 72.5 76.9 115.3#



#6
Chloroethane
Concen: 0.870 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.049 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 64 Resp: 1041
Ion Ratio Lower Upper
64 100
66 21.5 27.2 40.8#

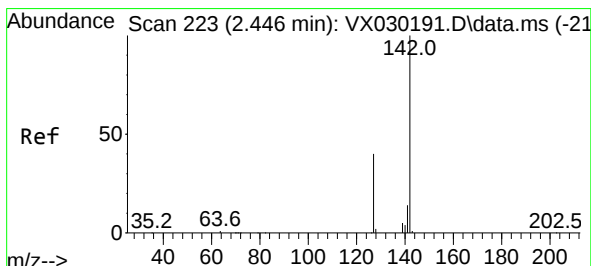
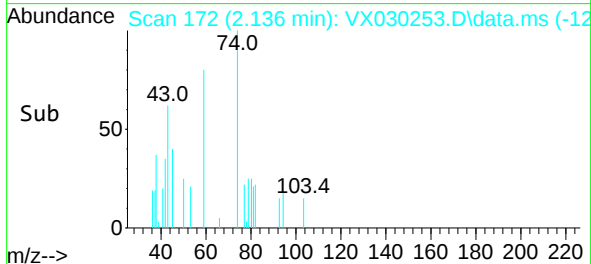
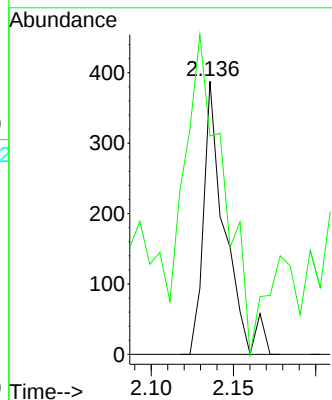
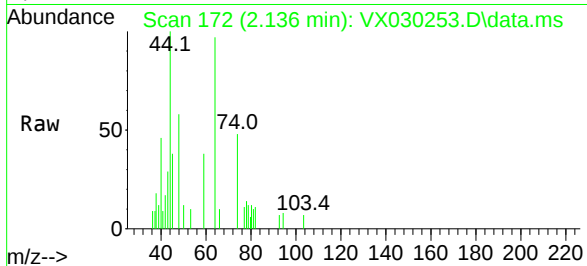




#8
Diethyl Ether
Concen: 0.323 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

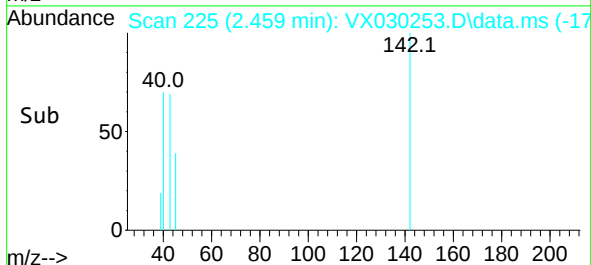
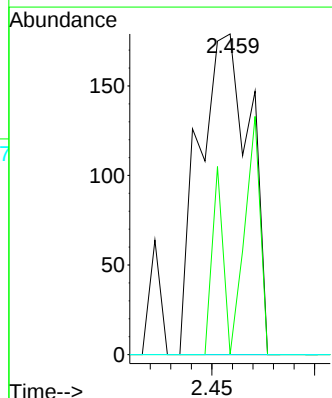
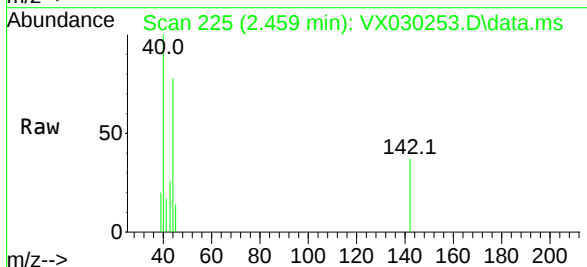
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

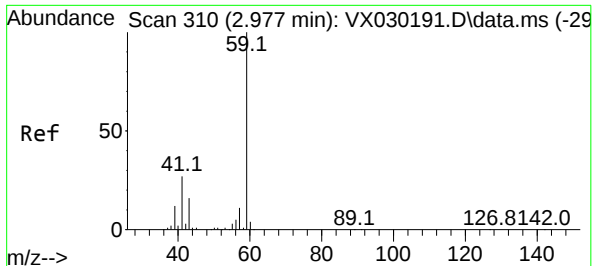
Tgt Ion: 74 Resp: 347
Ion Ratio Lower Upper
74 100
45 207.8 51.5 154.7#



#10
Methyl Iodide
Concen: 1.676 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 142 Resp: 309
Ion Ratio Lower Upper
142 100
127 12.3 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 7.216 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX030253.D

Acq: 28 Jul 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

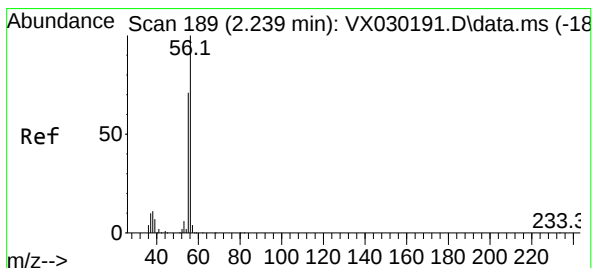
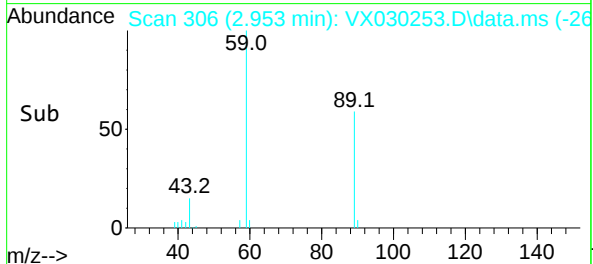
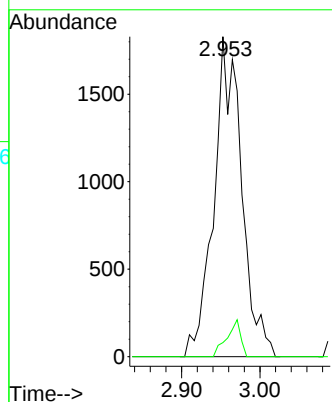
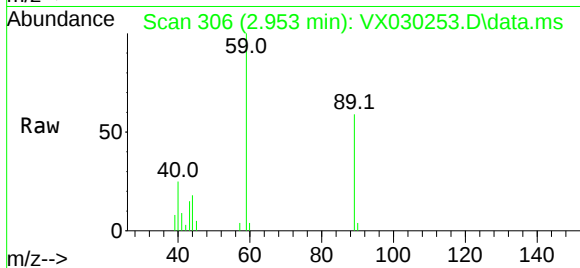
PB146425TB

Tgt Ion: 59 Resp: 4500

Ion Ratio Lower Upper

59 100

57 5.7 7.4 11.2#



#13

Acrolein

Concen: 0.581 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX030253.D

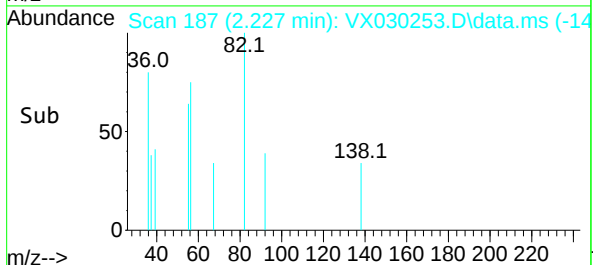
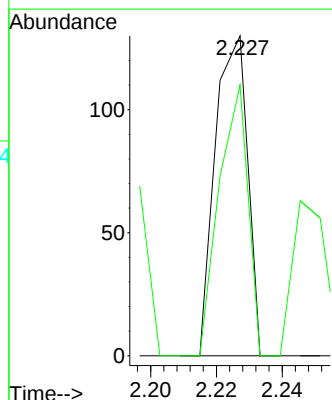
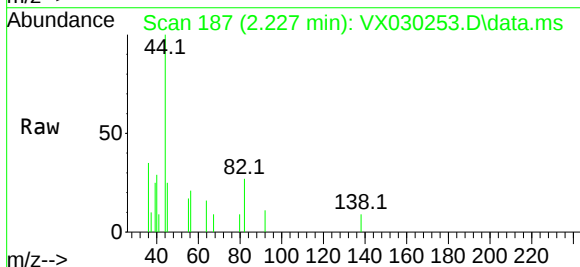
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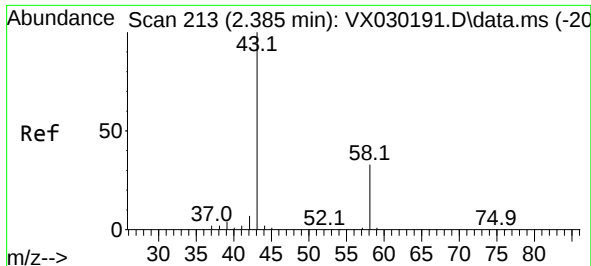
Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 75.3 56.6 84.8

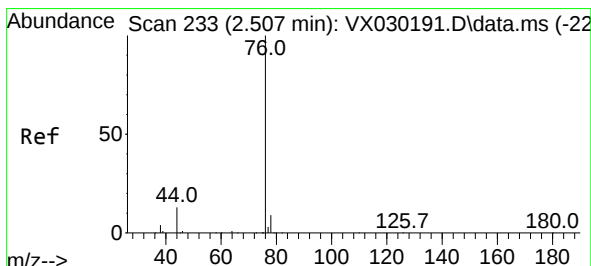
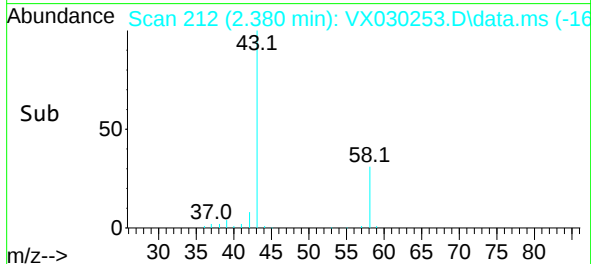
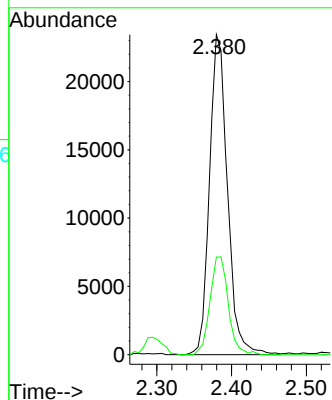
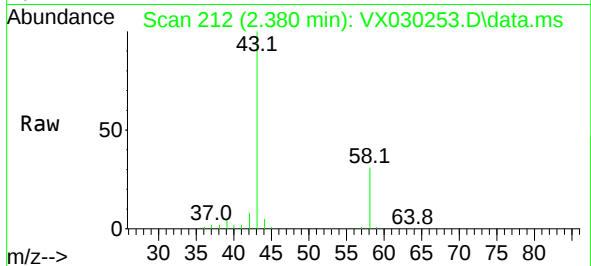




#16
Acetone
Concen: 29.855 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.005 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

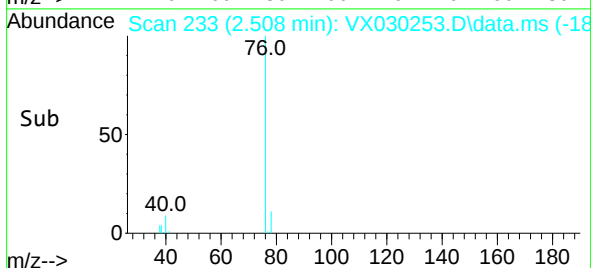
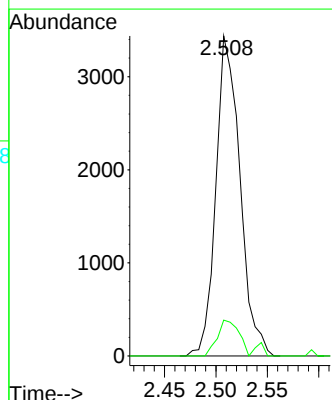
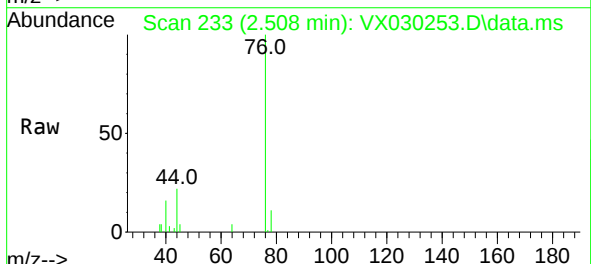
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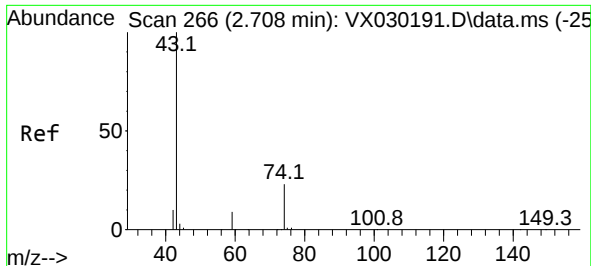
Tgt Ion: 43 Resp: 39074
Ion Ratio Lower Upper
43 100
58 30.5 27.7 41.5



#17
Carbon Disulfide
Concen: 1.042 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 76 Resp: 5588
Ion Ratio Lower Upper
76 100
78 11.2 7.8 11.6

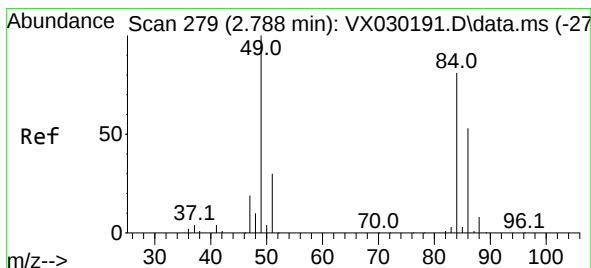
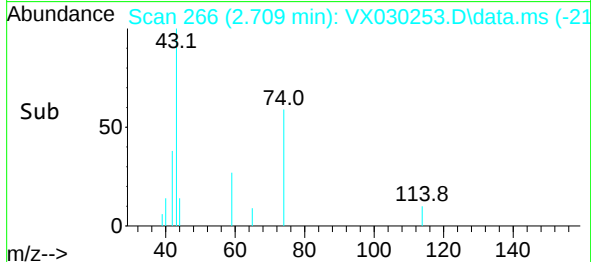
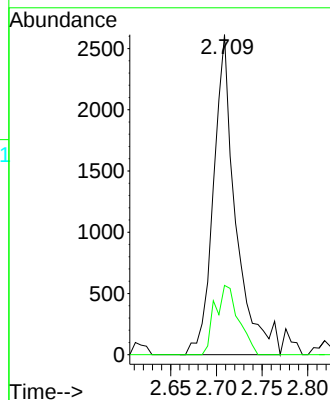
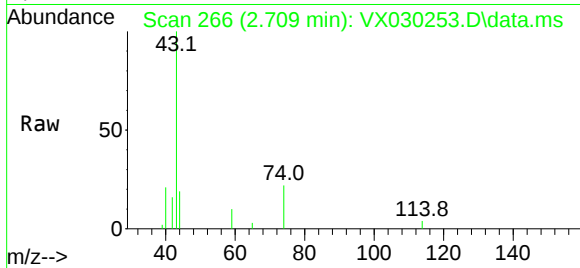




#18
Methyl Acetate
Concen: 1.140 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

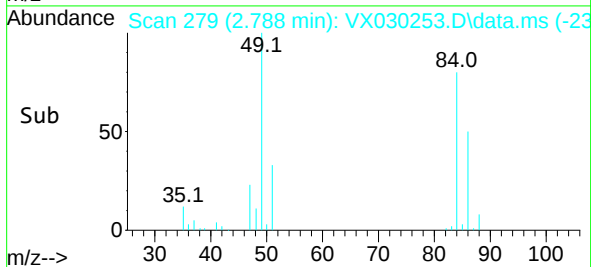
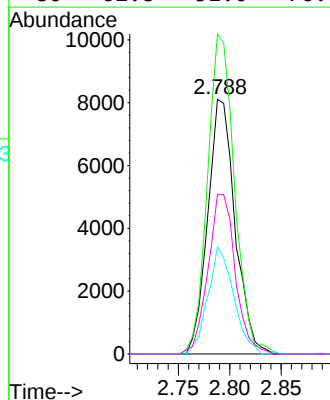
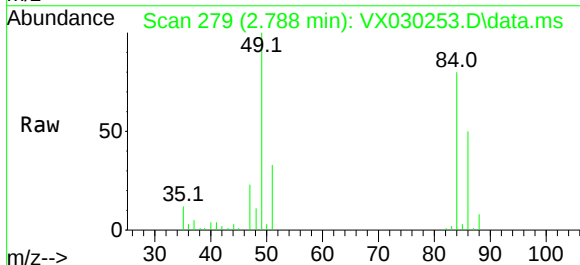
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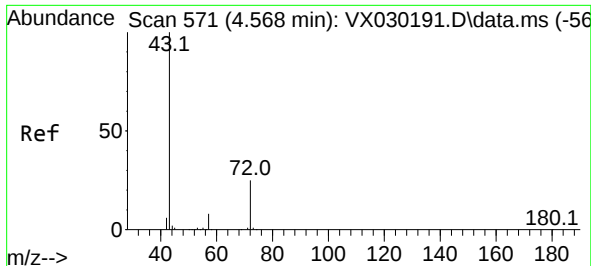
Tgt Ion: 43 Resp: 4413
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#20
Methylene Chloride
Concen: 4.362 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 84 Resp: 14979
Ion Ratio Lower Upper
84 100
49 125.6 93.8 140.6
51 42.1 29.4 44.0
86 62.8 51.0 76.4





#25

2-Butanone

Concen: 8.212 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030253.D

Acq: 28 Jul 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

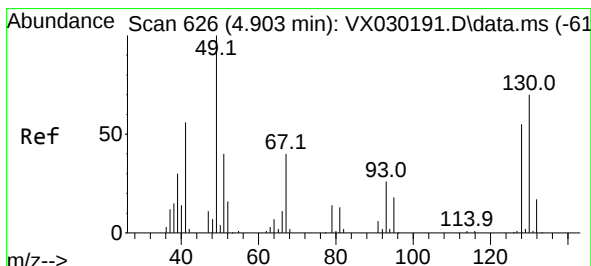
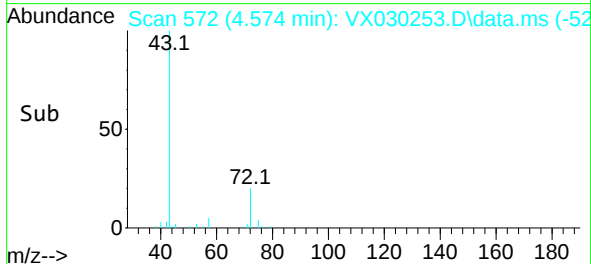
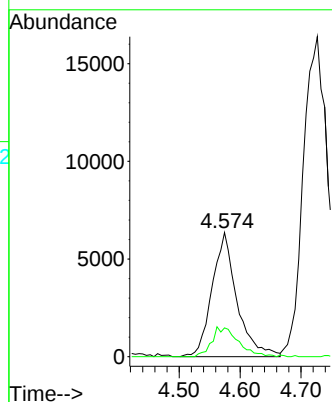
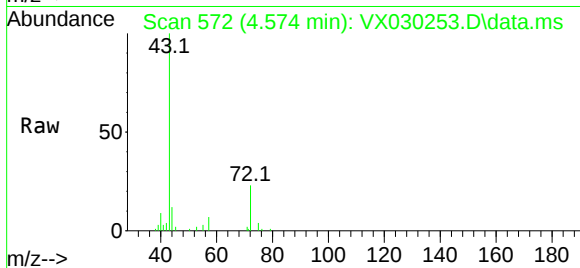
PB146425TB

Tgt Ion: 43 Resp: 18062

Ion Ratio Lower Upper

43 100

72 23.2 21.7 32.5



#28

Bromochloromethane

Concen: 0.252 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX030253.D

Acq: 28 Jul 2022 00:26

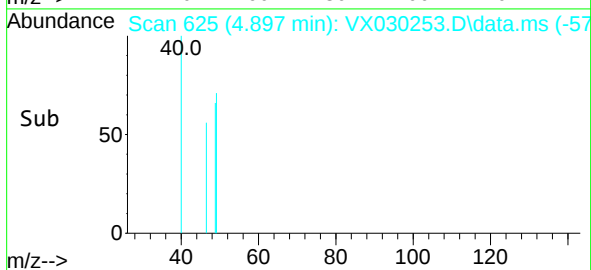
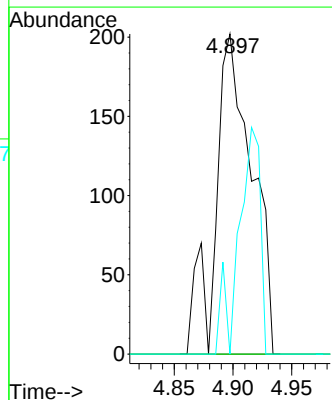
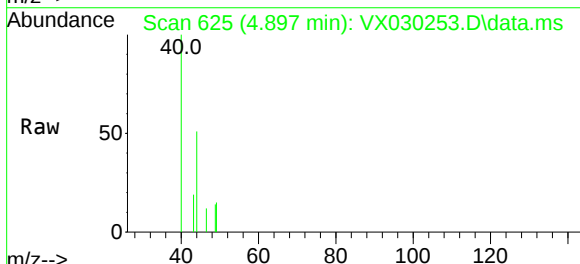
Tgt Ion: 49 Resp: 439

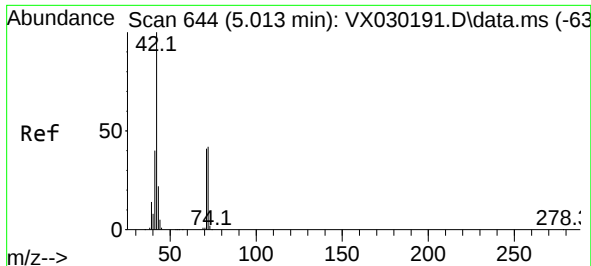
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 41.9 62.8 94.2#





#29

Tetrahydrofuran

Concen: 1.065 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX030253.D

Acq: 28 Jul 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

PB146425TB

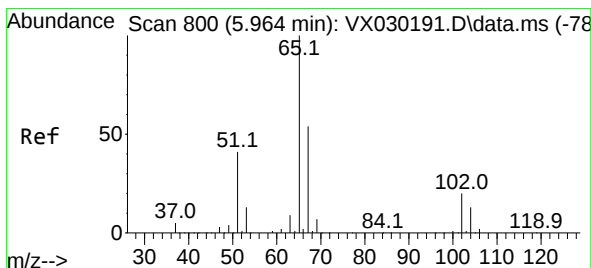
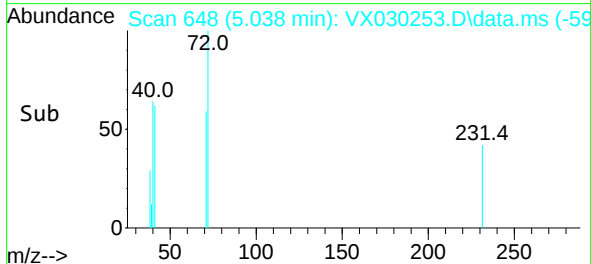
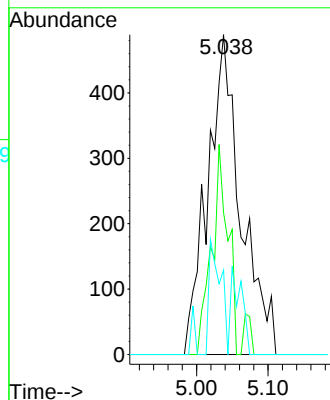
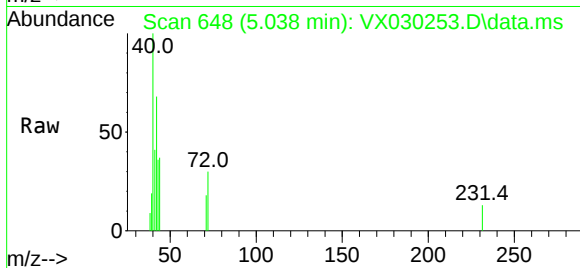
Tgt Ion: 42 Resp: 1576

Ion Ratio Lower Upper

42 100

72 32.2 36.5 54.7#

71 12.8 33.9 50.9#



#33

1,2-Dichloroethane-d4

Concen: 57.687 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030253.D

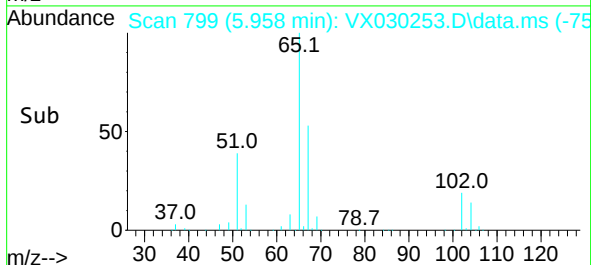
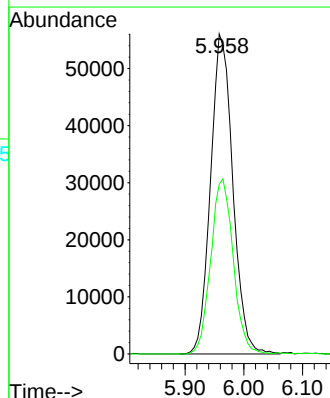
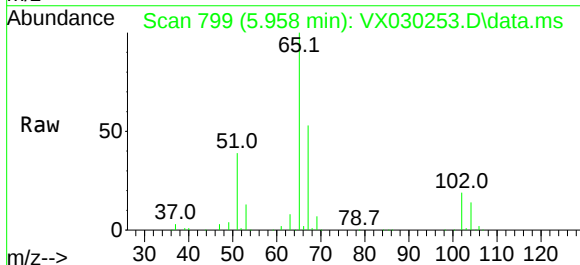
Acq: 28 Jul 2022 00:26

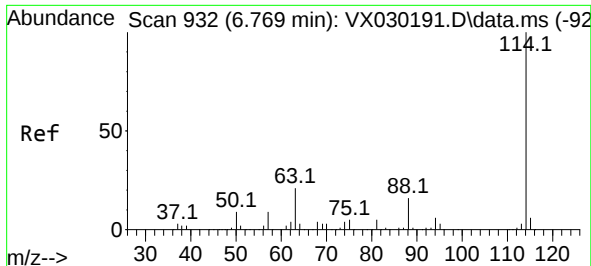
Tgt Ion: 65 Resp: 147470

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6

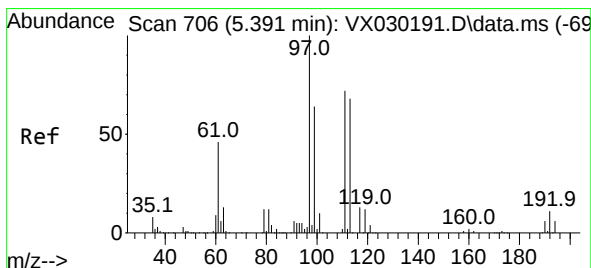
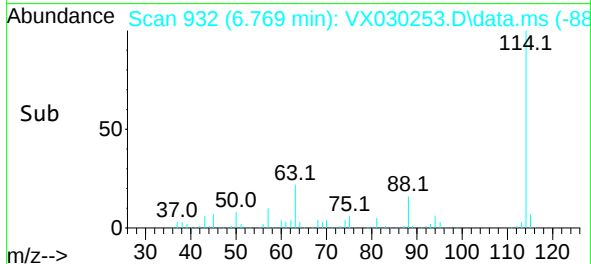
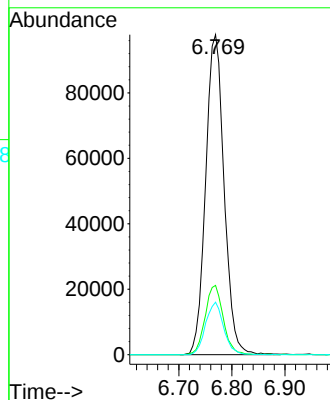
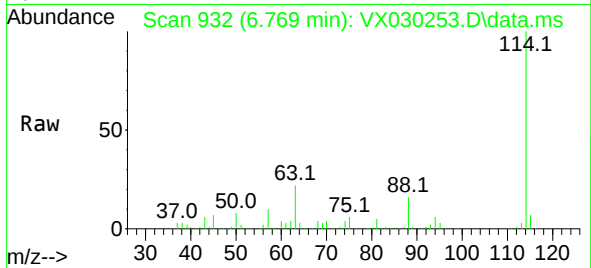




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

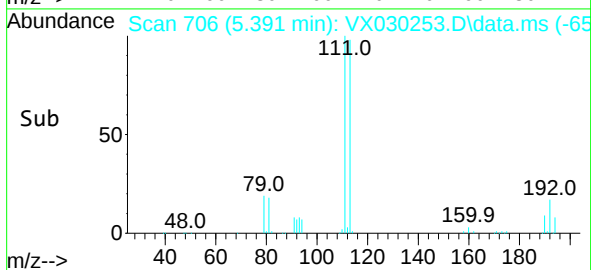
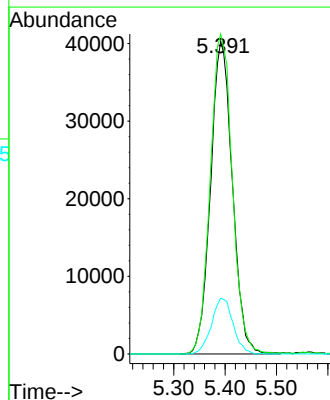
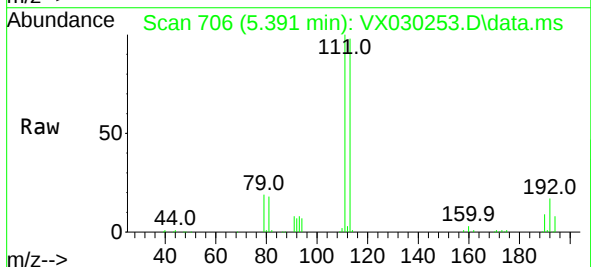
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

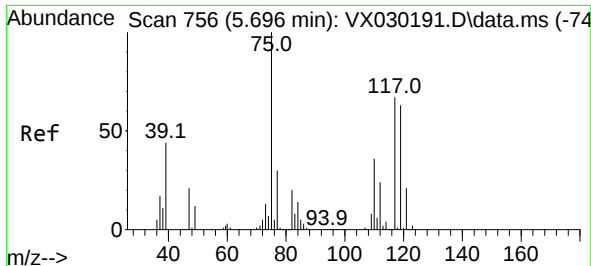
Tgt Ion:114 Resp: 236008
Ion Ratio Lower Upper
114 100
63 21.6 0.0 38.4
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.467 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion:113 Resp: 118372
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 17.6 14.8 22.2

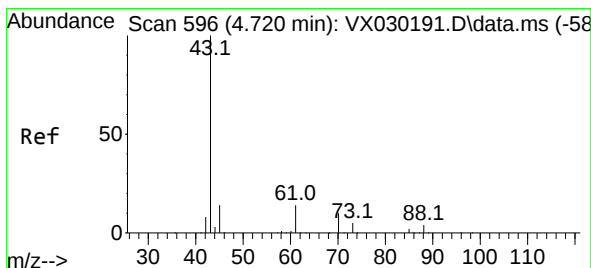
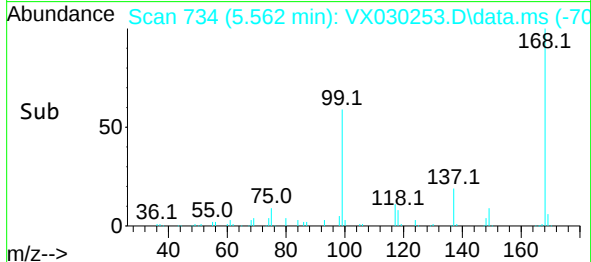
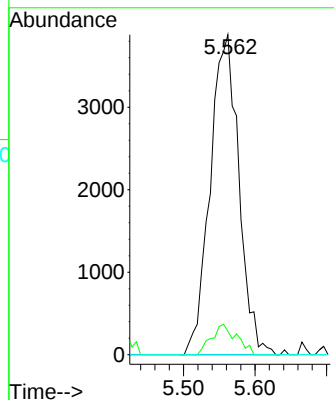
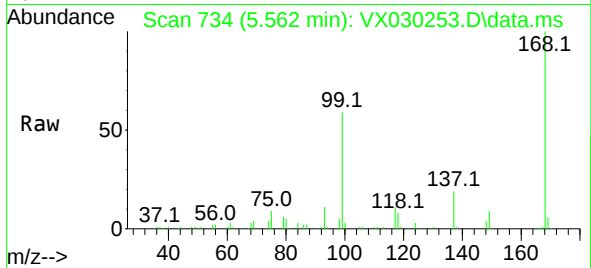




#36
1,1-Dichloropropene
Concen: 3.333 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

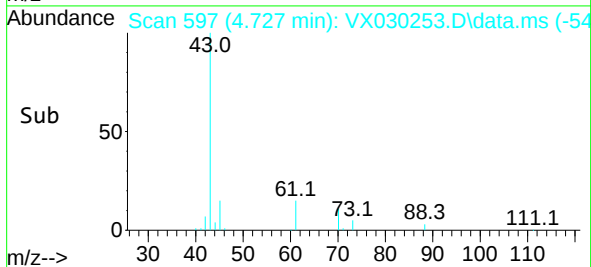
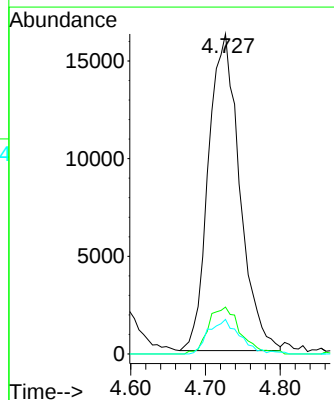
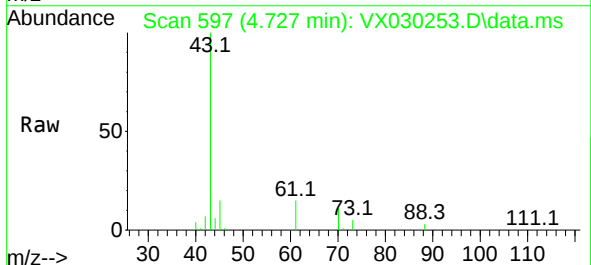
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

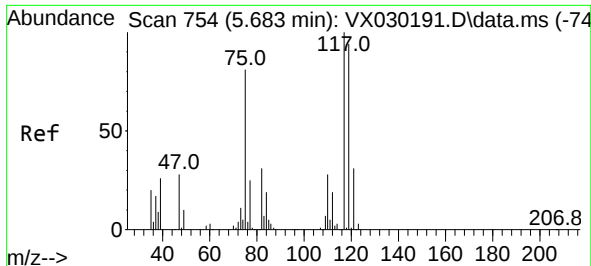
Tgt Ion: 75 Resp: 10820
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 10.255 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 43 Resp: 47149
Ion Ratio Lower Upper
43 100
61 15.2 11.7 17.5
70 11.1 9.3 13.9

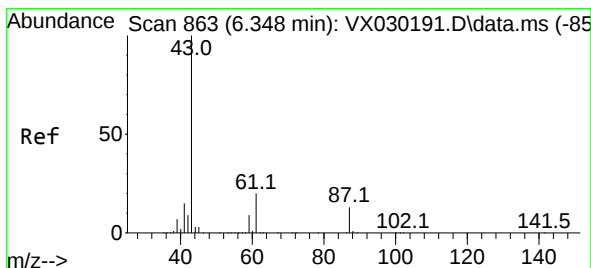
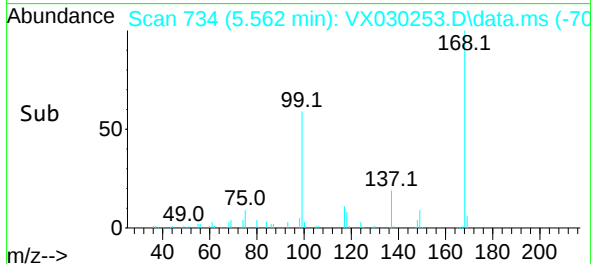
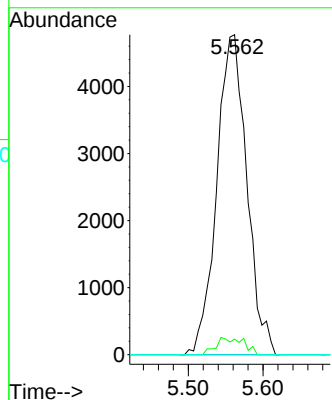
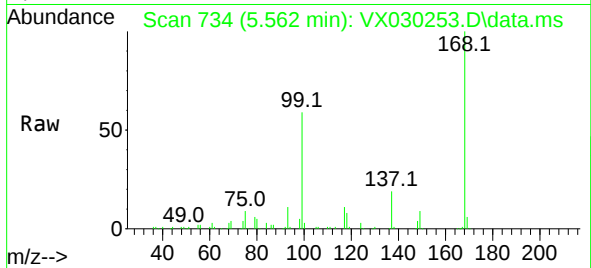




#38
Carbon Tetrachloride
Concen: 4.401 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.121 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

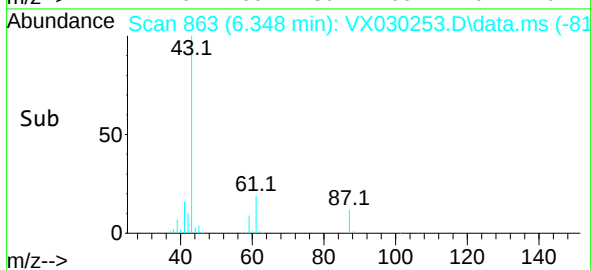
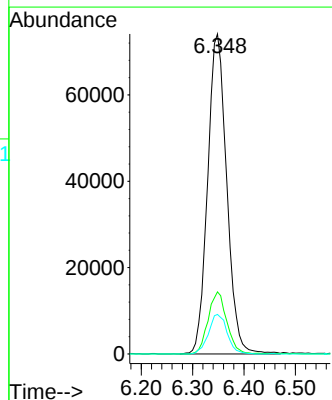
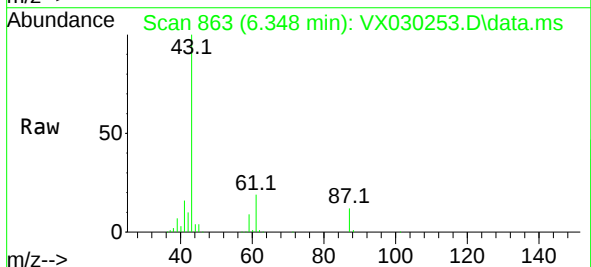
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

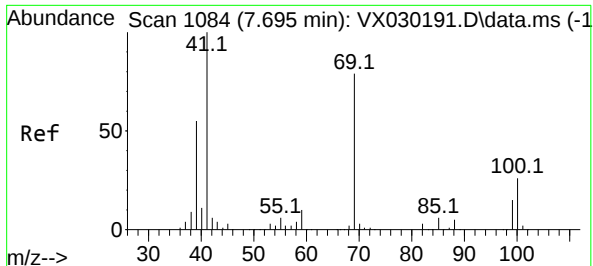
Tgt Ion:117 Resp: 13341
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#



#43
Isopropyl Acetate
Concen: 28.358 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 43 Resp: 191138
Ion Ratio Lower Upper
43 100
61 19.0 16.5 24.7
87 12.1 11.1 16.7

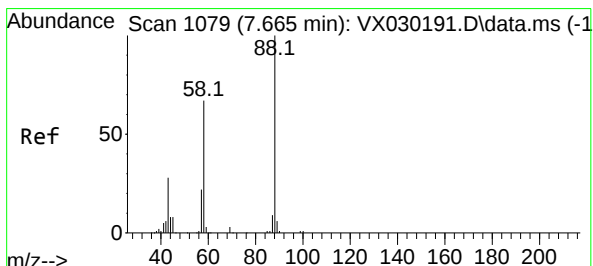
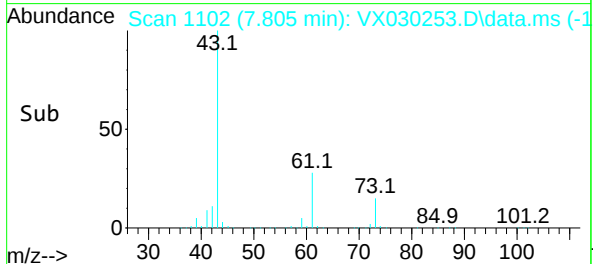
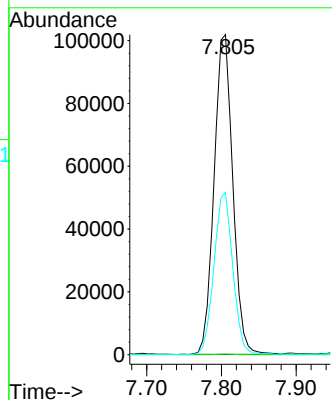
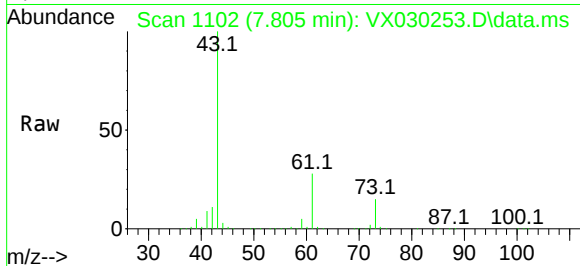




#48
Methyl methacrylate
Concen: 53.470 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

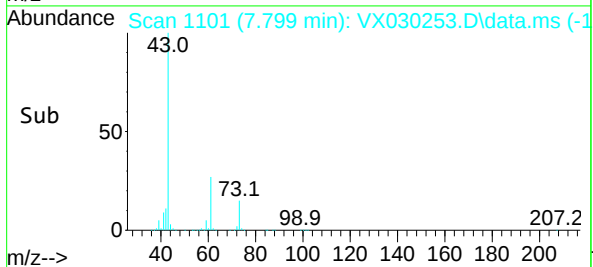
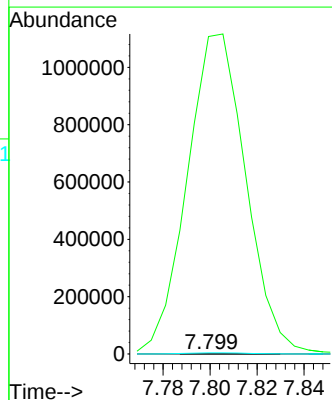
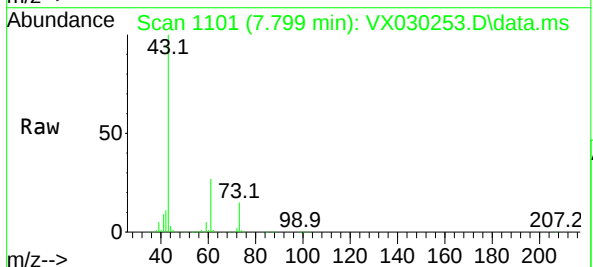
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

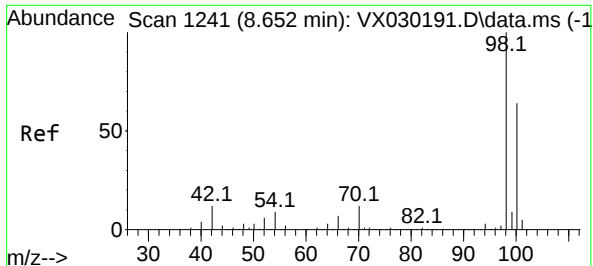
Tgt Ion: 41 Resp: 177391
Ion Ratio Lower Upper
41 100
69 0.1 68.8 103.2#
39 51.2 44.6 66.8



#49
1,4-Dioxane
Concen: 2.636 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 969824.8 23.8 35.8#
58 3725.7 53.8 80.6#

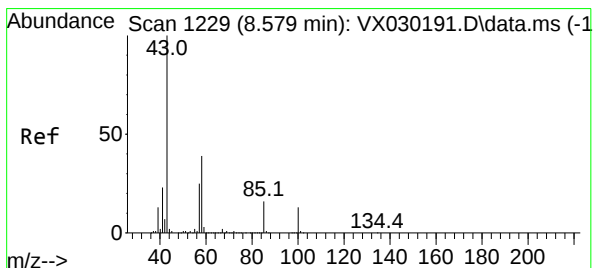
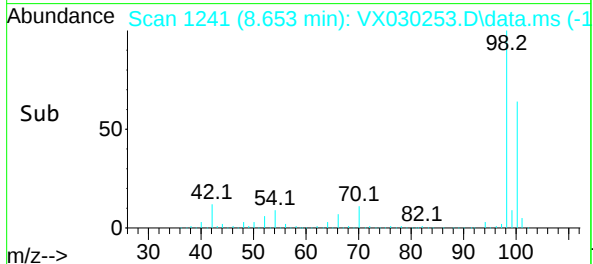
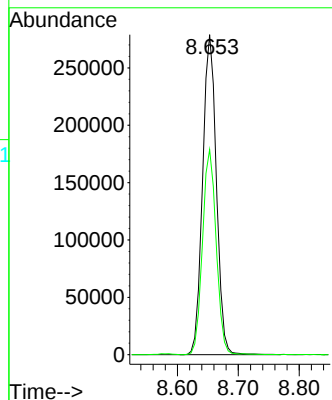
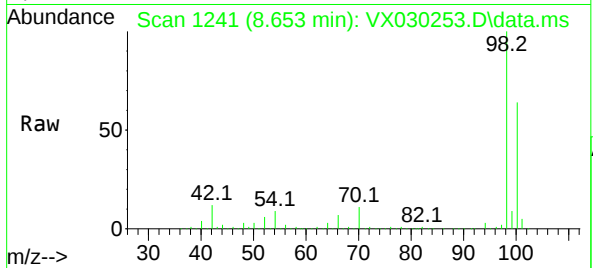




#50
Toluene-d8
Concen: 50.125 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

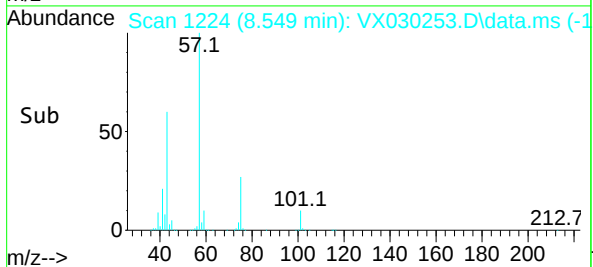
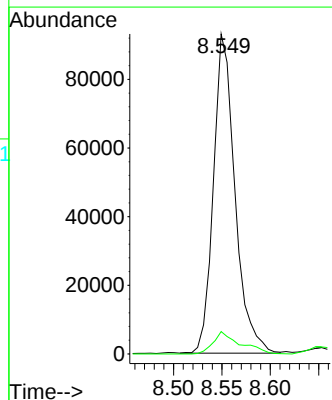
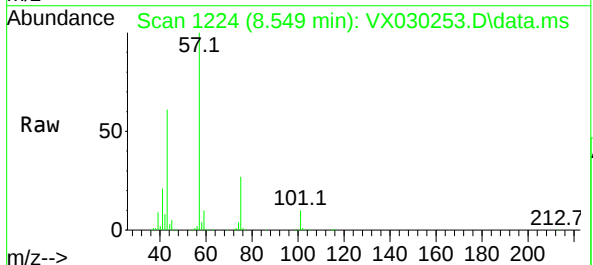
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

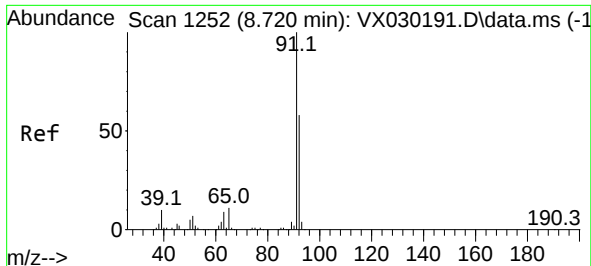
Tgt Ion: 98 Resp: 437952
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 31.472 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 43 Resp: 144011
Ion Ratio Lower Upper
43 100
58 8.8 31.4 47.2#

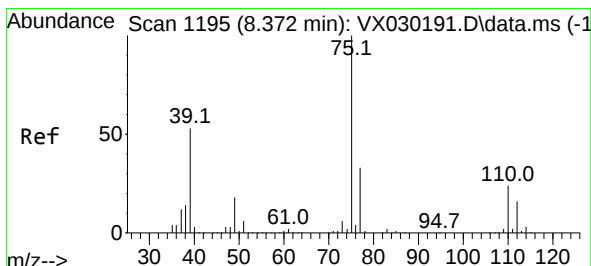
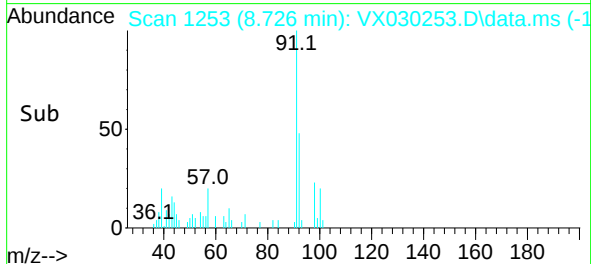
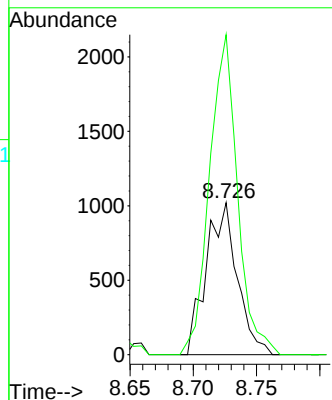
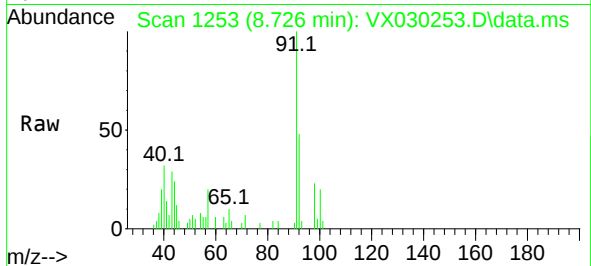




#52
Toluene
Concen: 0.280 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

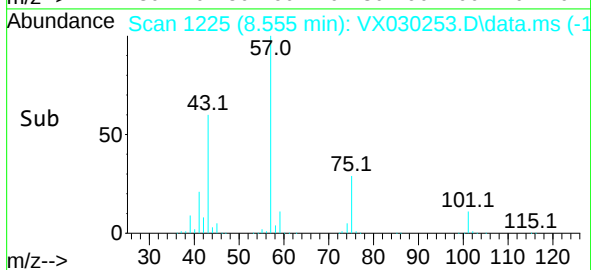
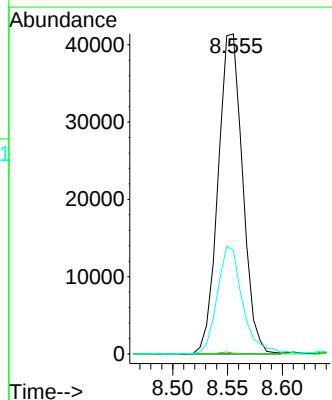
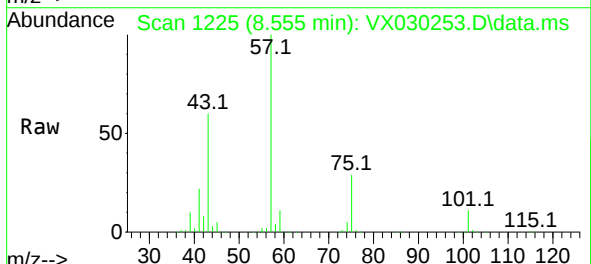
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

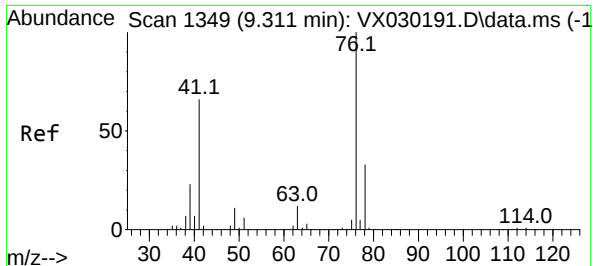
Tgt Ion: 92 Resp: 1748
Ion Ratio Lower Upper
92 100
91 189.4 139.2 208.8



#54
cis-1,3-Dichloropropene
Concen: 16.285 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 75 Resp: 64434
Ion Ratio Lower Upper
75 100
77 0.3 25.0 37.4#
39 32.3 37.5 56.3#





#57

1,3-Dichloropropane

Concen: 2.001 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX030253.D

Acq: 28 Jul 2022 00:26

Instrument :

MSVOA_X

ClientSampleId :

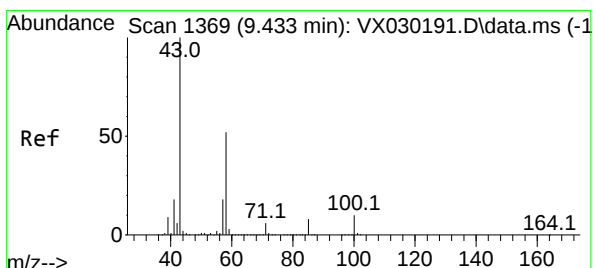
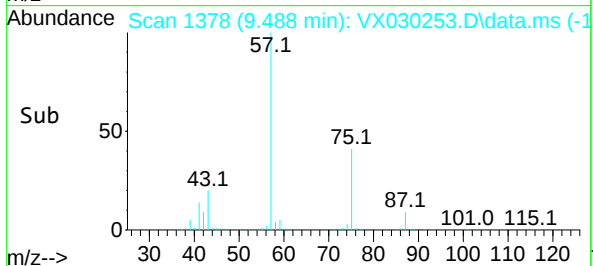
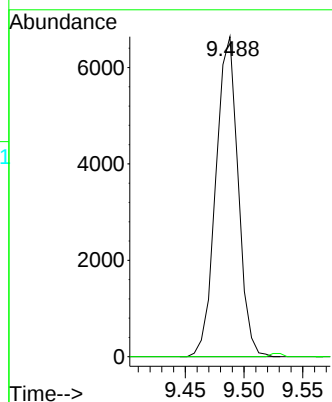
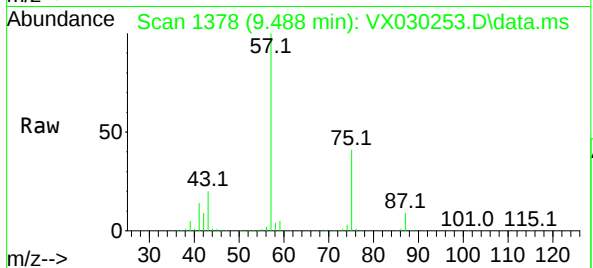
PB146425TB

Tgt Ion: 76 Resp: 8767

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 49.249 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX030253.D

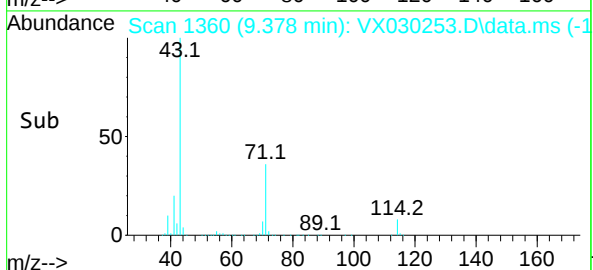
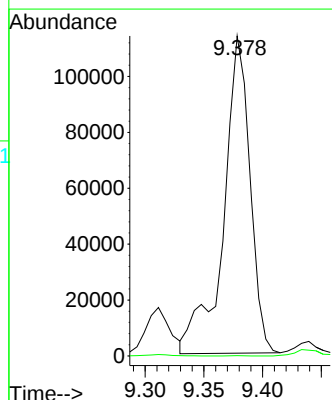
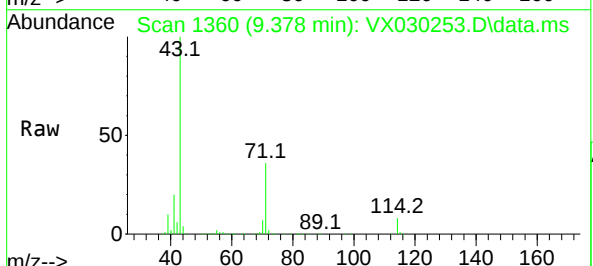
Acq: 28 Jul 2022 00:26

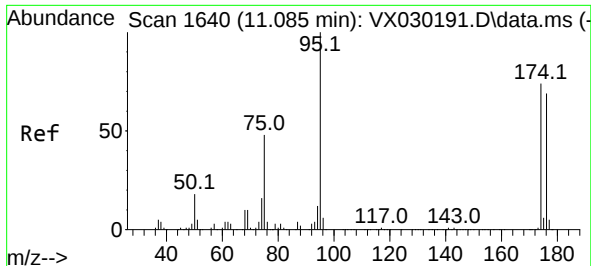
Tgt Ion: 43 Resp: 177793

Ion Ratio Lower Upper

43 100

58 0.0 27.6 82.8#

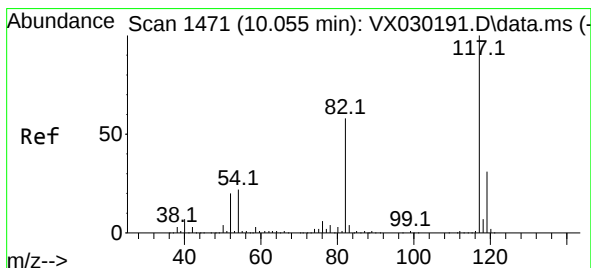
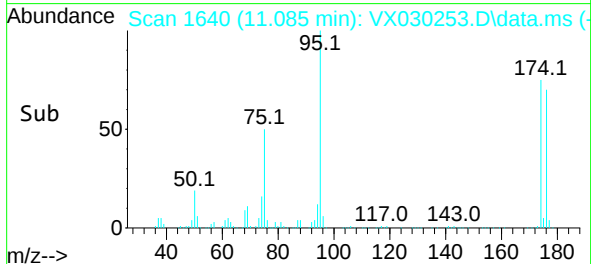
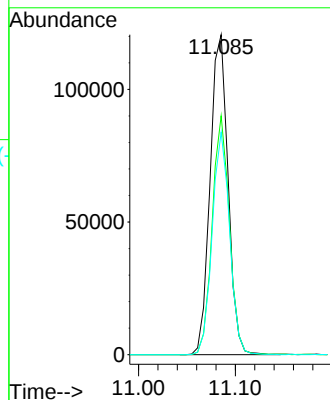
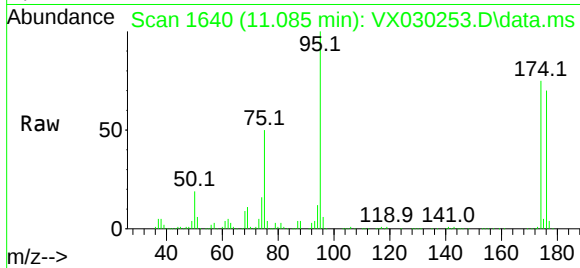




#62
4-Bromofluorobenzene
Concen: 47.988 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

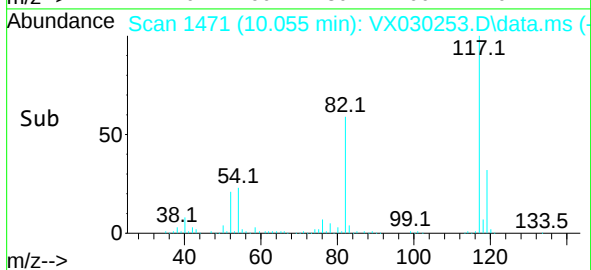
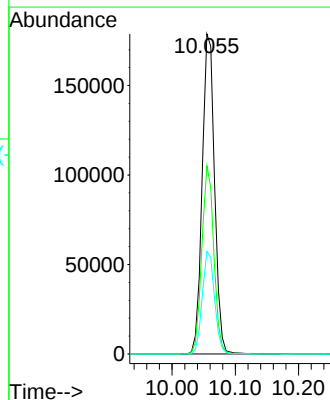
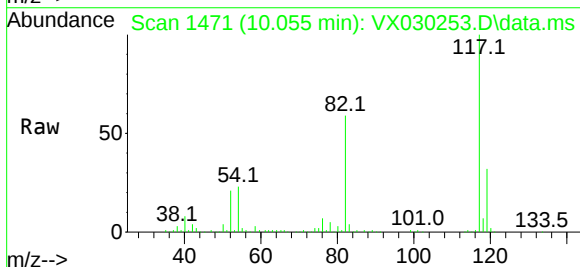
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

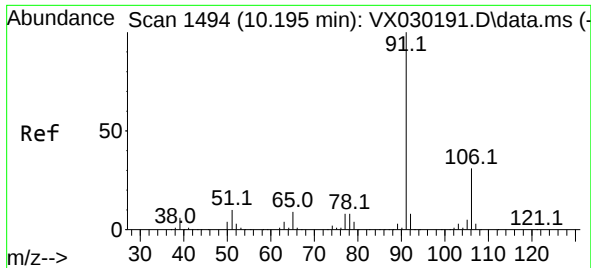
Tgt Ion: 95 Resp: 155605
Ion Ratio Lower Upper
95 100
174 71.5 0.0 149.0
176 67.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 117 Resp: 243926
Ion Ratio Lower Upper
117 100
82 58.8 42.7 64.1
119 32.1 25.4 38.2

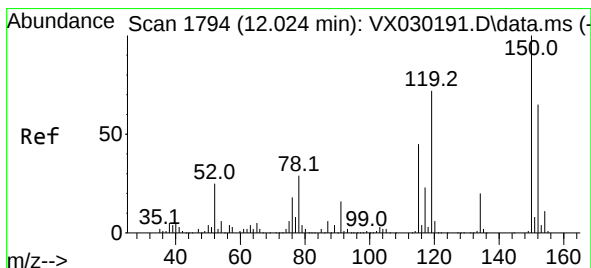
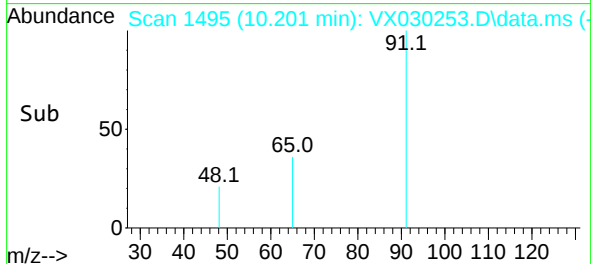
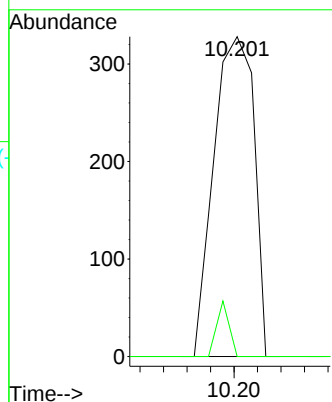
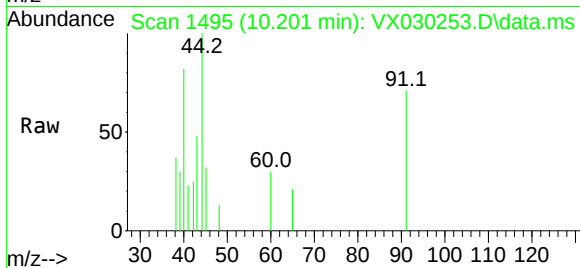




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

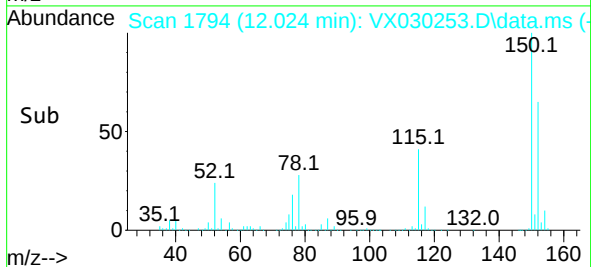
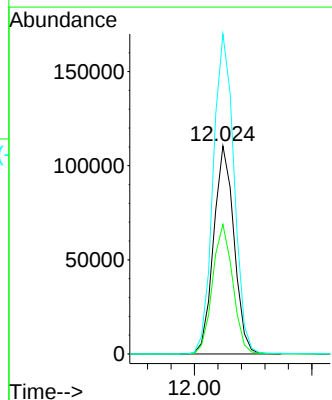
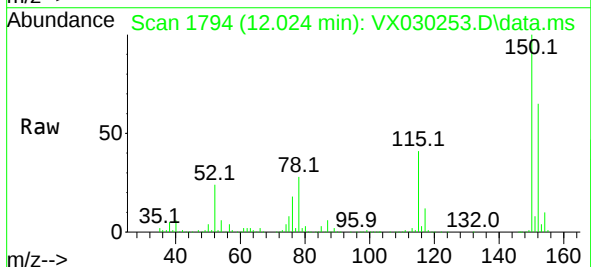
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

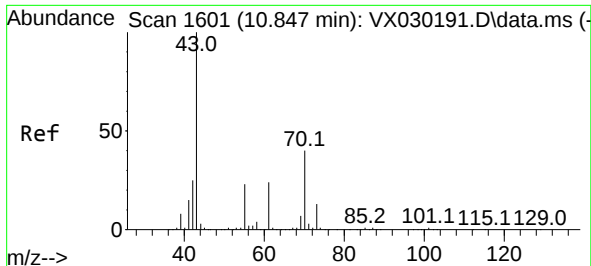
Tgt Ion: 91 Resp: 390
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion:152 Resp: 133215
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 157.5 0.0 347.0

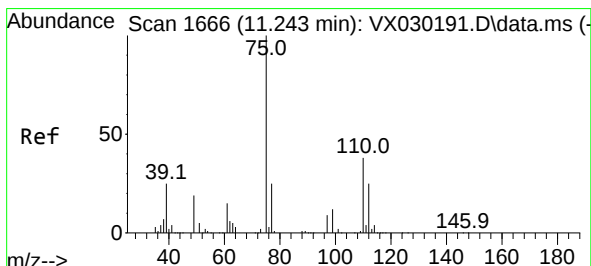
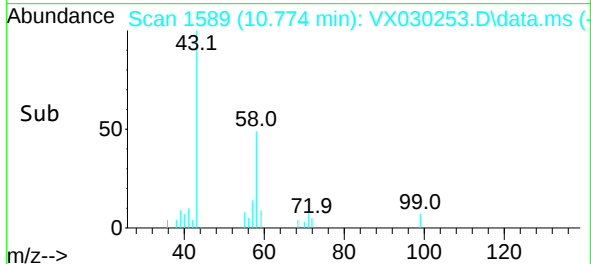
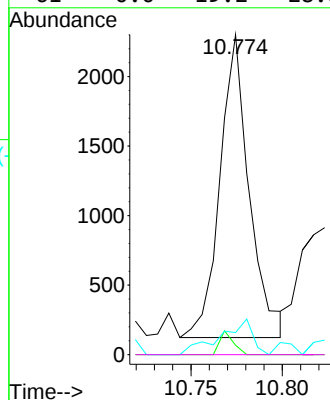
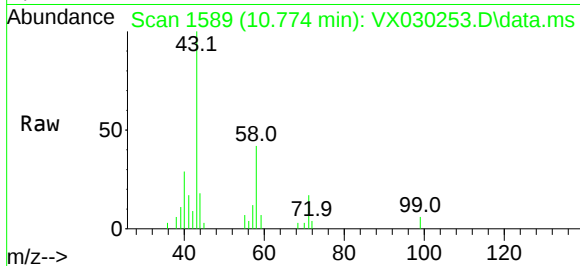




#74
N-amy1 acetate
Concen: 0.481 ug/l
RT: 10.774 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

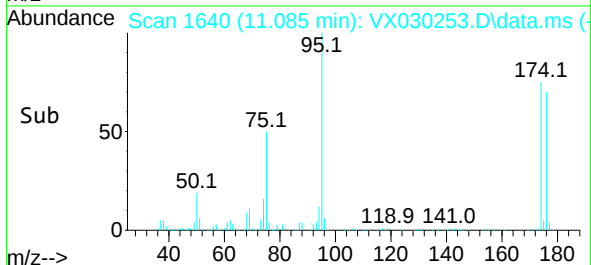
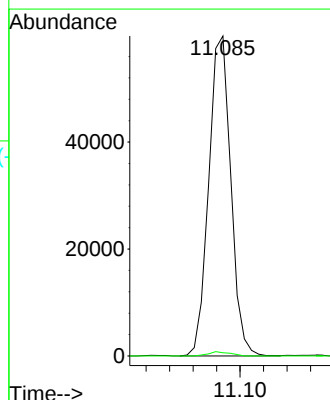
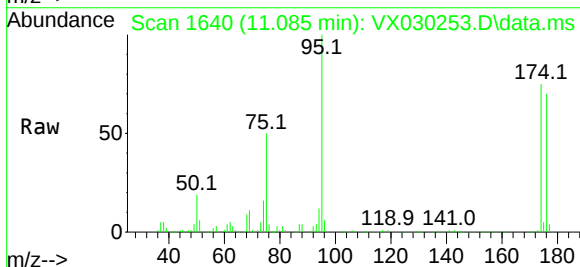
Instrument :
MSVOA_X
ClientSampleId :
PB146425TB

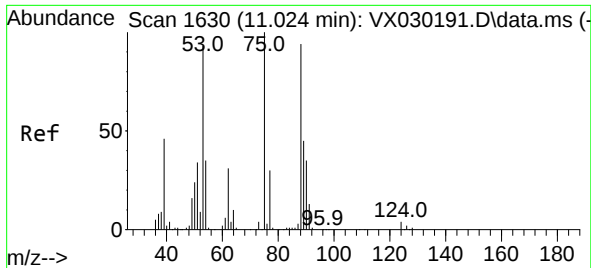
Tgt Ion: 43	Resp: 2431
Ion Ratio	Lower Upper
43	100
70	3.6 32.3 48.5#
55	13.0 18.4 27.6#
61	0.0 19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 22.206 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030253.D
Acq: 28 Jul 2022 00:26

Tgt Ion: 75	Resp: 77975
Ion Ratio	Lower Upper
75	100
77	1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.616 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030253.D
 Acq: 28 Jul 2022 00:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146425TB

Tgt Ion: 75 Resp: 77975
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

