

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034784.D
 Acq On : 28 Mar 2023 11:14
 Operator : JC/MD
 Sample : 01950-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 28 15:17:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	25785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	189794	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	205036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	77547	31.300	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.333%			
60) 4-Bromofluorobenzene	11.079	95	119512	29.171	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.233%			
63) Toluene-d8	8.647	98	211413	30.341	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.133%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	3288	1.037	ug/l	95
5) Bromomethane	1.618	94	194700	94.610	ug/l	99
7) Trichlorofluoromethane	1.892	101	289360	58.062	ug/l	98
10) 1,1-Dichloroethene	2.325	96	113485	44.340	ug/l	99
11) Methyl Iodide	2.453	142	5088	1.561	ug/l	99
12) Methyl Acetate	3.111	43	110326	19.465	ug/l	94
14) Acrylonitrile	3.111	53	4976	3.188	ug/l #	14
15) Acetone	2.392	58	29875	70.507	ug/l	98
18) Methylene Chloride	2.788	84	56559	18.760	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	208030	74.279	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	117001	35.870	ug/l	89
23) tert-Butyl Alcohol	3.087	59	11317	16.116	ug/l #	90
24) Methyl tert-Butyl Ether	3.111	73	477997	50.258	ug/l	99
25) Chloroform	5.093	83	416814	75.533	ug/l	99
30) 2-Butanone	4.556	43	458393	188.296	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	183637	35.859	ug/l	99
33) Carbon Tetrachloride	5.678	117	237473	56.186	ug/l	95
34) Benzene	6.038	78	1170619	92.279	ug/l	98
37) Trichloroethene	7.129	130	5393	1.670	ug/l	94
41) Bromodichloromethane	7.818	83	270039	63.291	ug/l	99
43) Ethyl Acetate	4.696	43	1058	0.224	ug/l #	64
45) 1,4-Dioxane	7.824	88	349	4.407	ug/l #	40
48) t-1,3-Dichloropropene	8.976	75	86346	18.574	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	490195	95.981	ug/l	98
52) 1,3-Dichloropropane	8.976	76	3159	0.567	ug/l	93
53) Dibromochloromethane	9.519	129	240733	77.113	ug/l	98
54) 1,2-Dibromoethane	9.610	107	111102	32.914	ug/l	100
55) 2-Chloroethyl vinyl ether	8.366	63	3141	1.165	ug/l #	47
56) Bromoform	10.799	173	1777	0.826	ug/l #	91
58) 4-Methyl-2-Pentanone	8.574	43	833516	177.306	ug/l	100
59) 2-Hexanone	9.427	43	354573	100.177	ug/l	100
61) Tetrachloroethene	9.275	164	142385	51.538	ug/l	97
64) Chlorobenzene	10.079	112	463404	56.129	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	137351	46.536	ug/l	98
66) Ethyl Benzene	10.195	91	1325048	88.736	ug/l	99
67) m/p-Xylenes	10.299	106	566623	99.729	ug/l	99
68) o-Xylene	10.640	106	637788	113.512	ug/l	98
69) Styrene	10.640	104	31057	3.353	ug/l #	1
71) 1,1,2,2-Tetrachloroethane	11.213	83	565386	118.286	ug/l	99

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

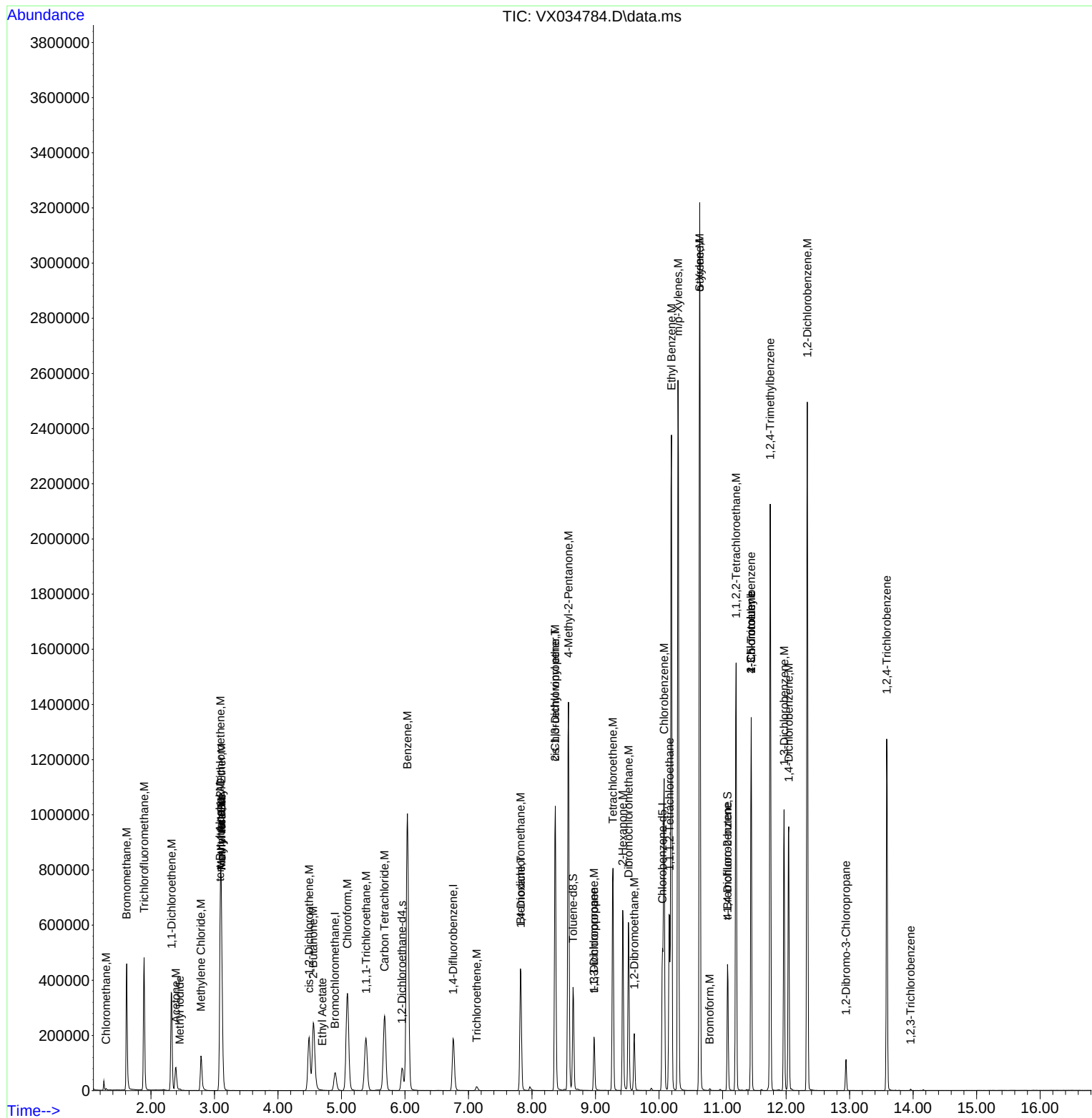
75) 2-Chlorotoluene	11.451	91	61973	5.872	ug/l	42
76) 1,3,5-Trimethylbenzene	11.451	105	544104	44.449	ug/l	99
77) t-1,4-Dichloro-2-butene	11.079	75	63688	47.662	ug/l #	4
78) 4-Chlorotoluene	11.451	91	61973	5.122	ug/l	47
80) 1,2,4-Trimethylbenzene	11.750	105	879093	72.269	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	294796	44.700	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	293749	44.354	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	713831	110.614	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	21103	20.203	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	277578	71.703	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	1350	0.349	ug/l	97

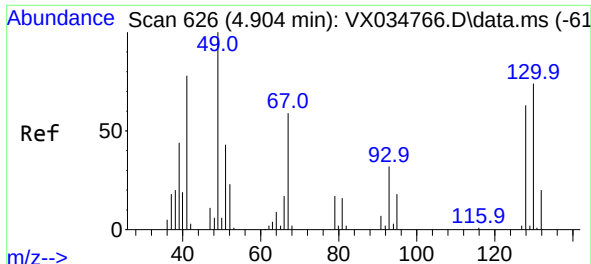
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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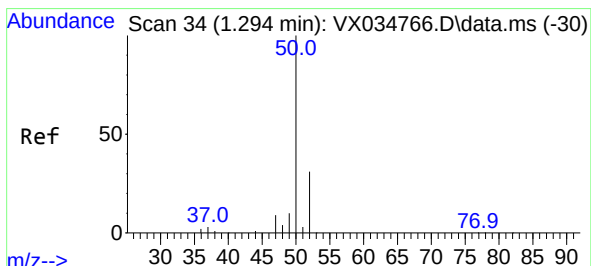
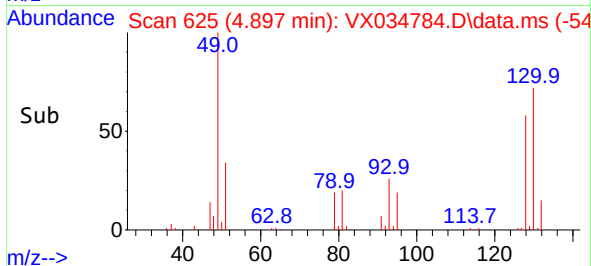
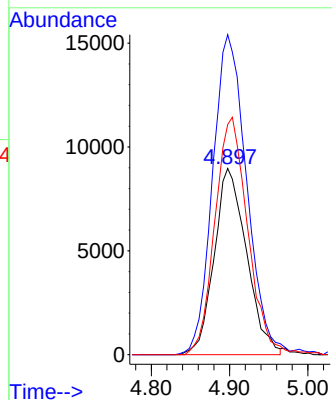
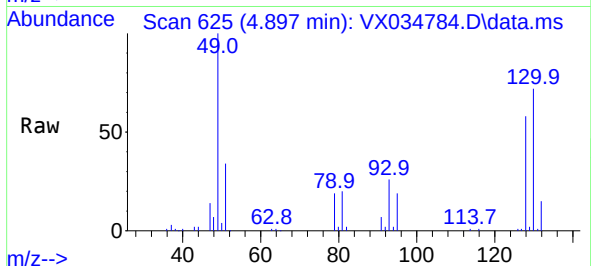




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
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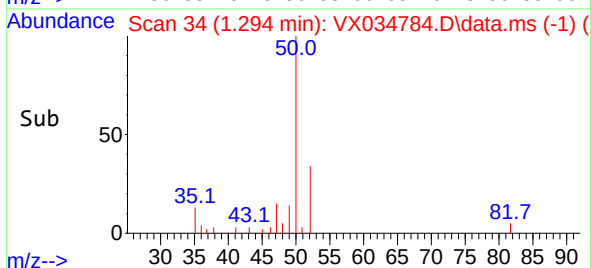
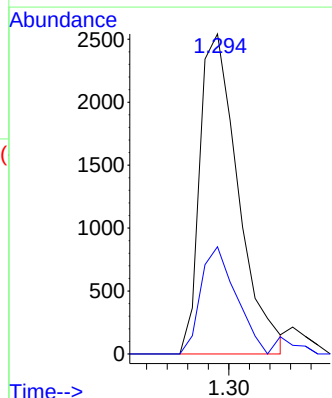
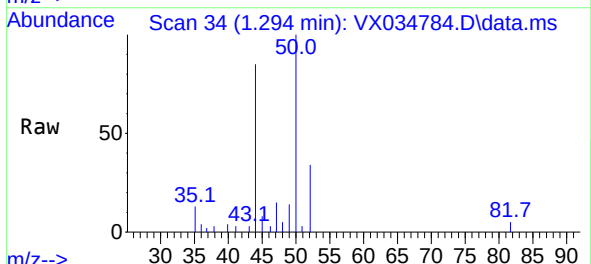
Instrument :
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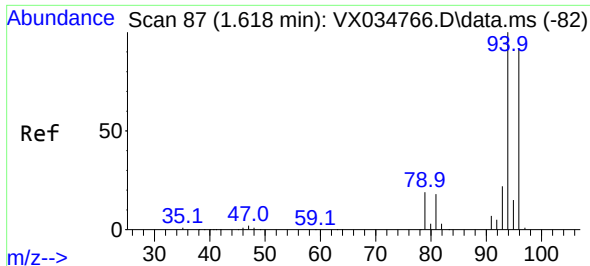
Tgt Ion:128 Resp: 25785
Ion Ratio Lower Upper
128 100
49 180.0 0.0 428.8
130 128.9 0.0 310.8



#3
Chloromethane
Concen: 1.037 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 50 Resp: 3288
Ion Ratio Lower Upper
50 100
52 33.5 24.6 36.8

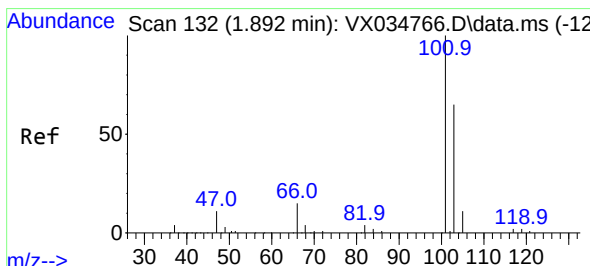
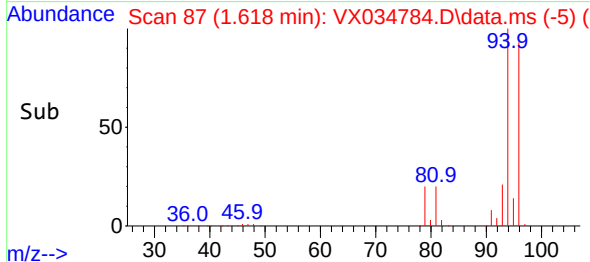
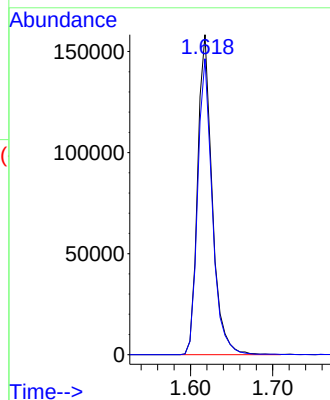
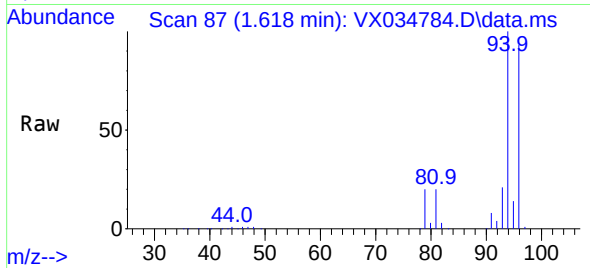




#5
Bromomethane
Concen: 94.610 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

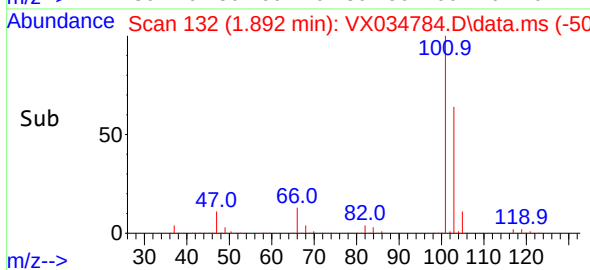
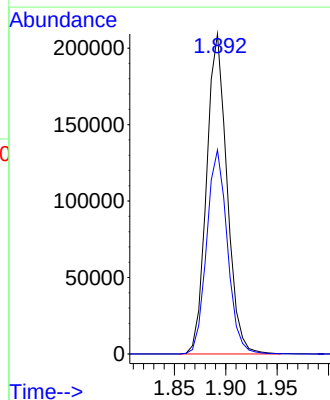
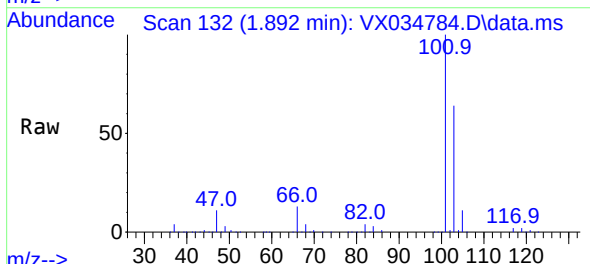
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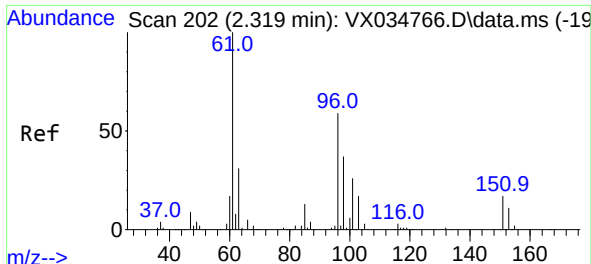
Tgt Ion: 94 Resp: 194700
Ion Ratio Lower Upper
94 100
96 92.5 73.4 110.0



#7
Trichlorofluoromethane
Concen: 58.062 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 101 Resp: 289360
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1

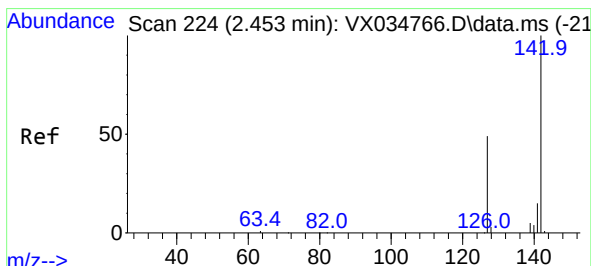
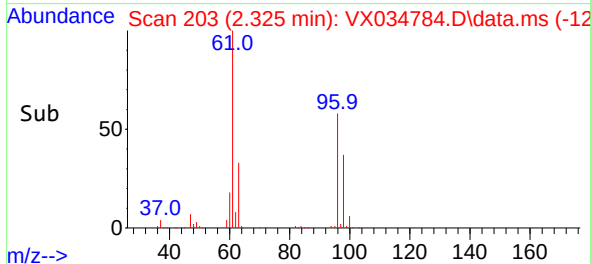
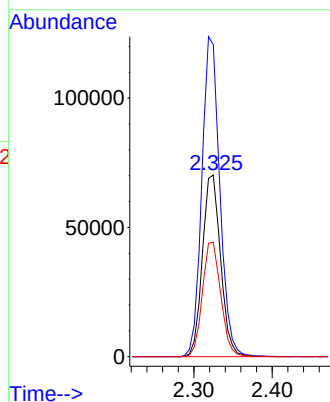
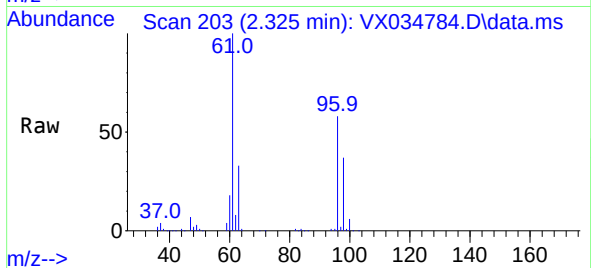




#10
1,1-Dichloroethene
Concen: 44.340 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

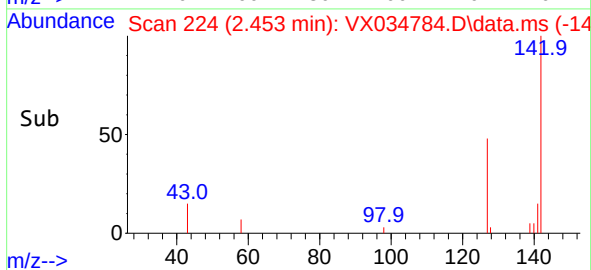
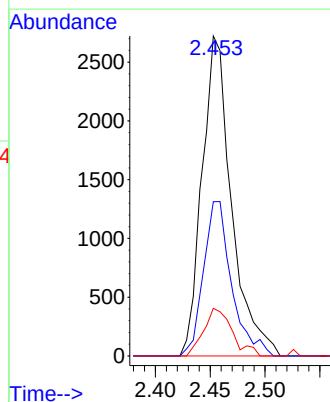
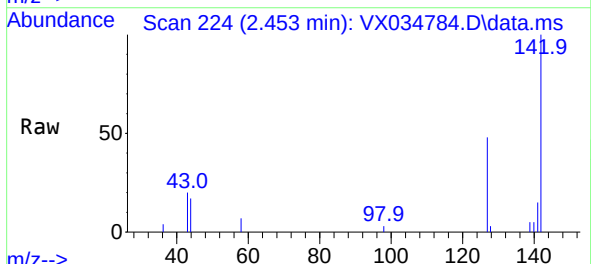
Instrument :
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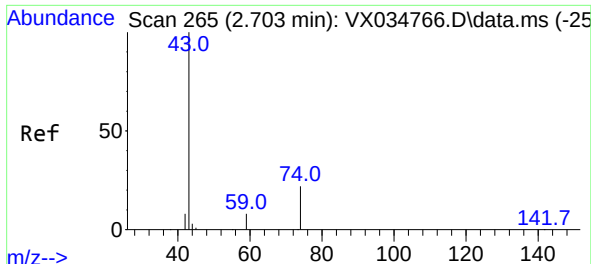
Tgt Ion: 96 Resp: 113485
Ion Ratio Lower Upper
96 100
61 171.9 135.8 203.6
98 63.1 49.8 74.6



#11
Methyl Iodide
Concen: 1.561 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:142 Resp: 5088
Ion Ratio Lower Upper
142 100
127 48.2 24.5 73.5
141 14.9 7.6 22.8

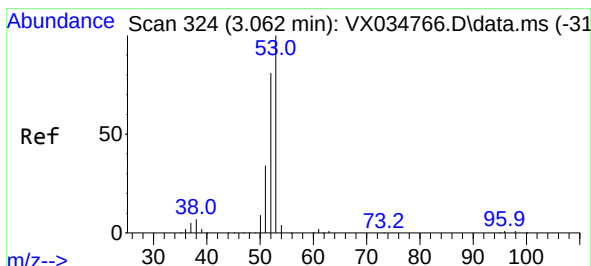
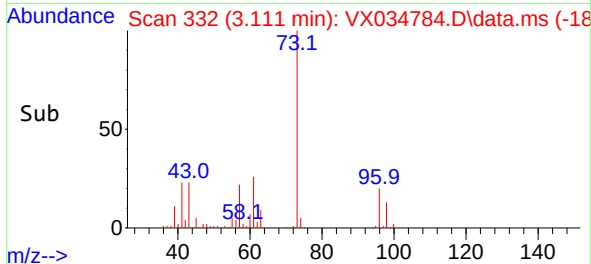
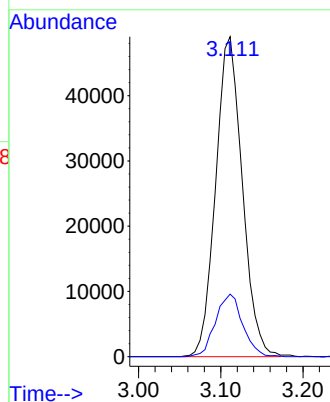
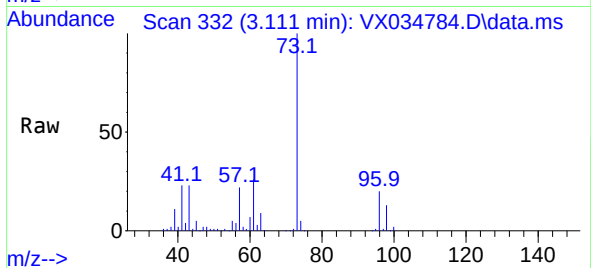




#12
Methyl Acetate
Concen: 19.465 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.409 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

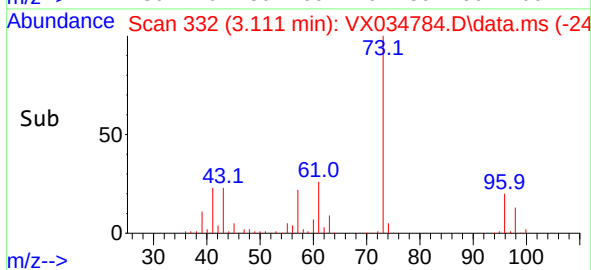
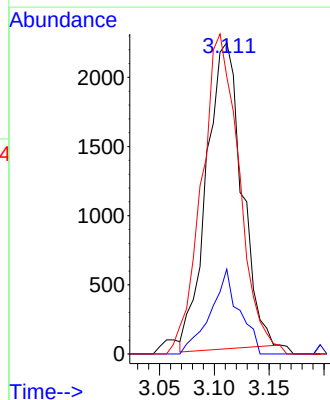
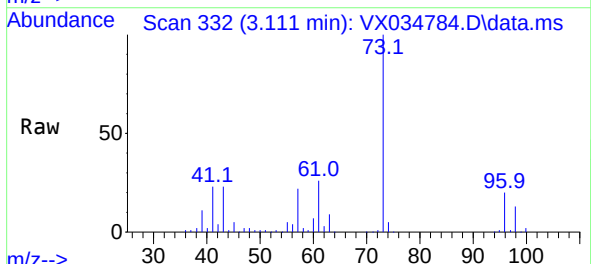
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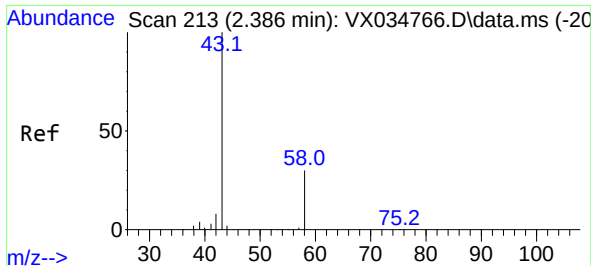
Tgt Ion: 43 Resp: 110326
Ion Ratio Lower Upper
43 100
74 19.5 18.0 27.0



#14
Acrylonitrile
Concen: 3.188 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.049 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 53 Resp: 4976
Ion Ratio Lower Upper
53 100
52 22.5 41.3 123.7#
51 111.1 17.9 53.7#

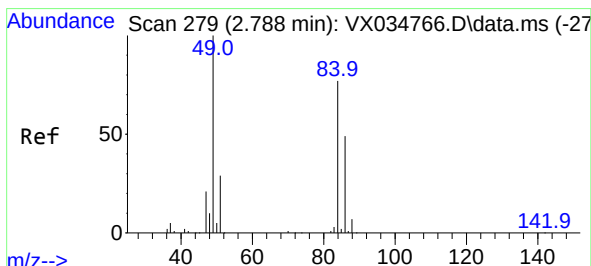
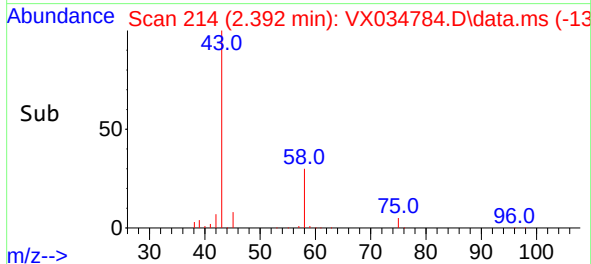
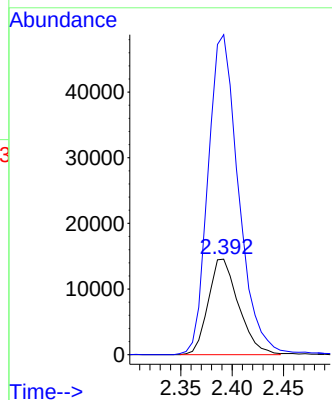
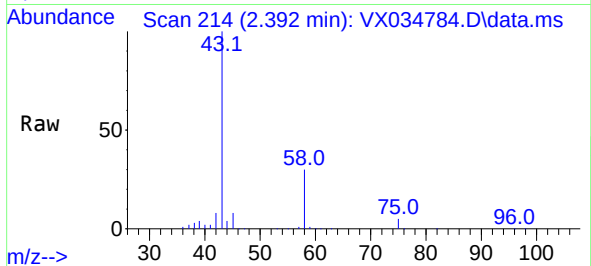




#15
Acetone
Concen: 70.507 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
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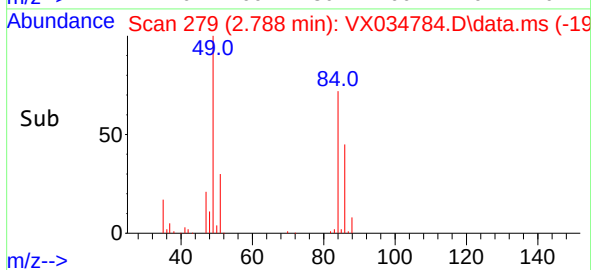
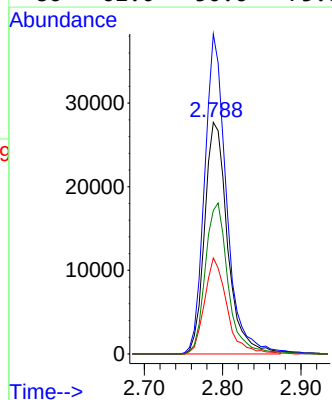
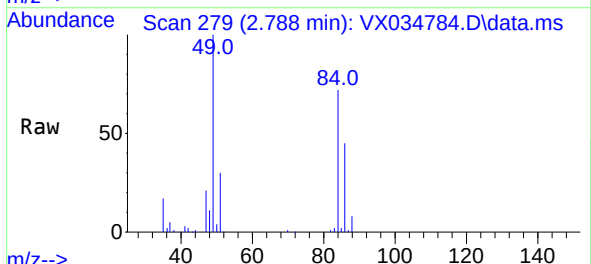
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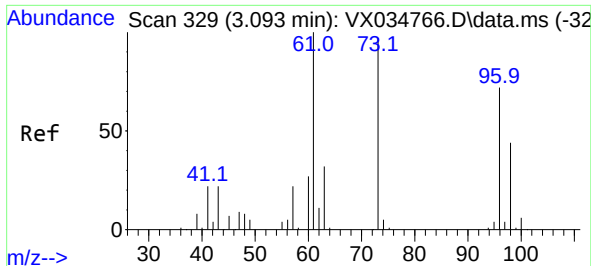
Tgt Ion: 58 Resp: 29875
Ion Ratio Lower Upper
58 100
43 333.5 270.8 406.2



#18
Methylene Chloride
Concen: 18.760 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034784.D
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Tgt Ion: 84 Resp: 56559
Ion Ratio Lower Upper
84 100
49 138.2 103.9 155.9
51 41.5 30.6 45.8
86 62.0 50.6 75.8

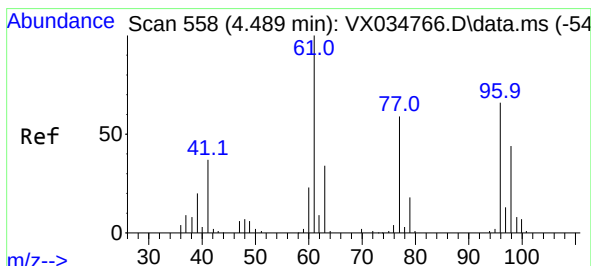
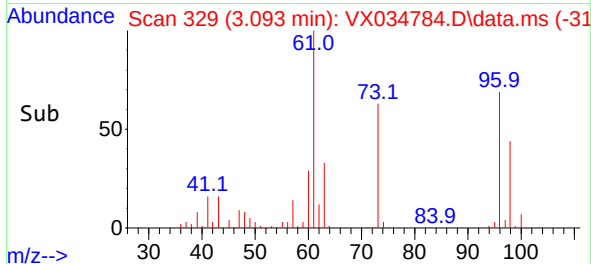
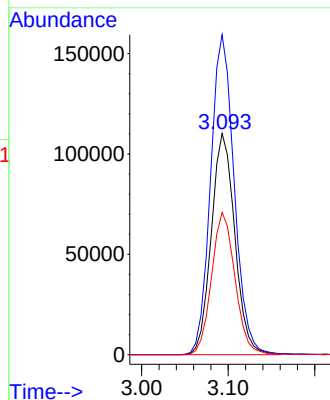
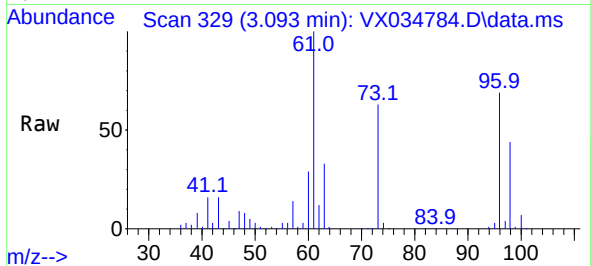




#19
trans-1,2-Dichloroethene
Concen: 74.279 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034784.D
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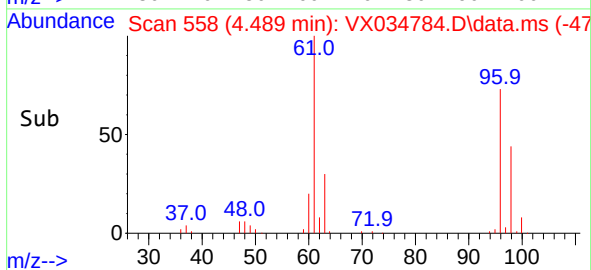
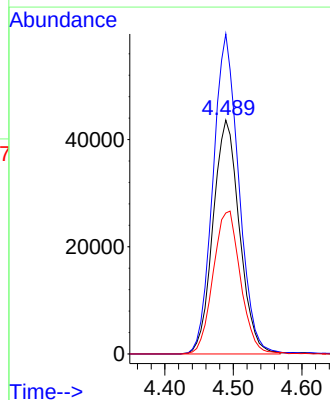
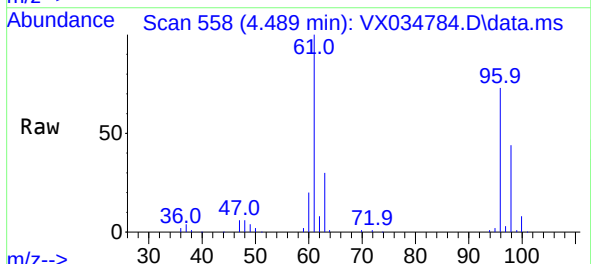
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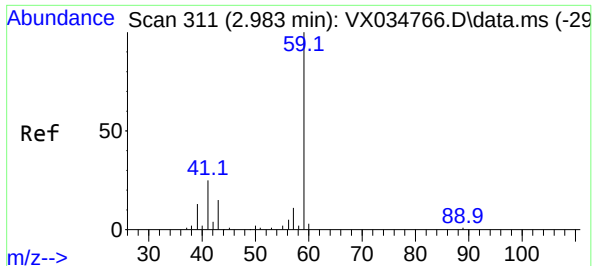
Tgt Ion: 96 Resp: 208030
Ion Ratio Lower Upper
96 100
61 144.6 111.1 166.7
98 64.3 48.6 72.8



#22
cis-1,2-Dichloroethene
Concen: 35.870 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 96 Resp: 117001
Ion Ratio Lower Upper
96 100
61 133.3 121.7 182.5
98 63.1 52.2 78.2

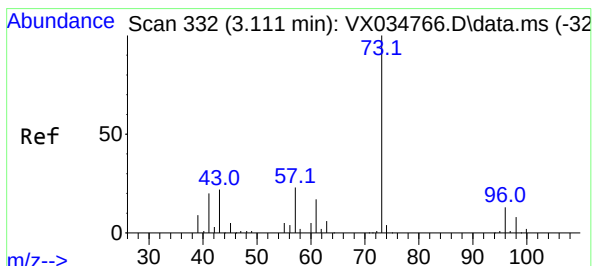
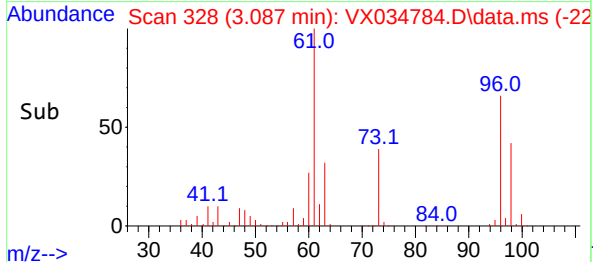
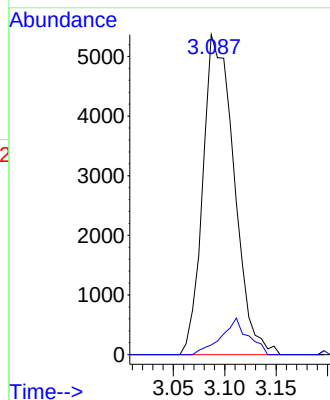
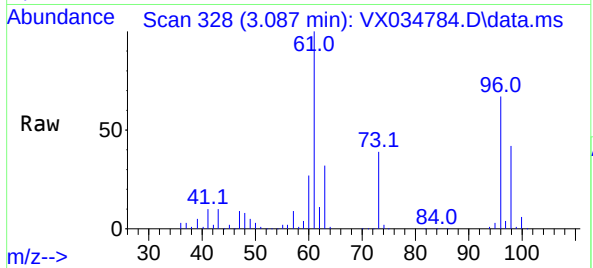




#23
tert-Butyl Alcohol
Concen: 16.116 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.104 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

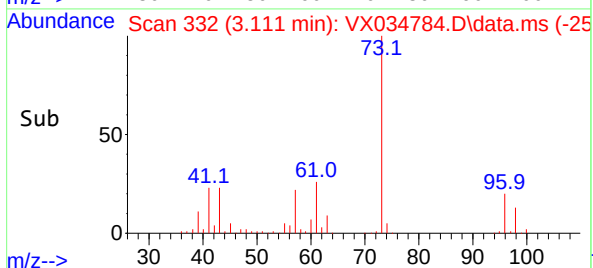
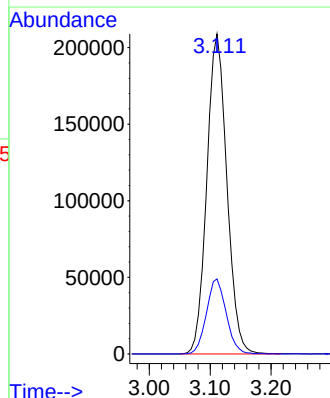
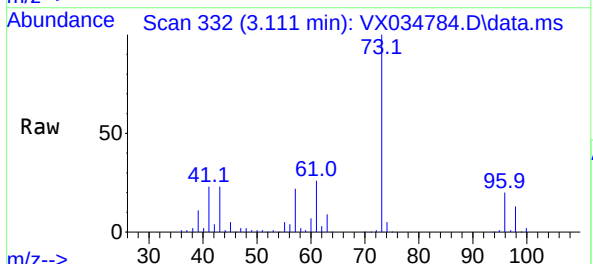
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

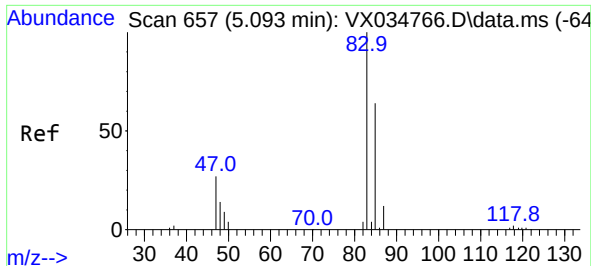
Tgt Ion: 59 Resp: 11317
Ion Ratio Lower Upper
59 100
52 9.9 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 50.258 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 73 Resp: 477997
Ion Ratio Lower Upper
73 100
43 23.1 17.9 26.9





#25

Chloroform

Concen: 75.533 ug/l

RT: 5.093 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

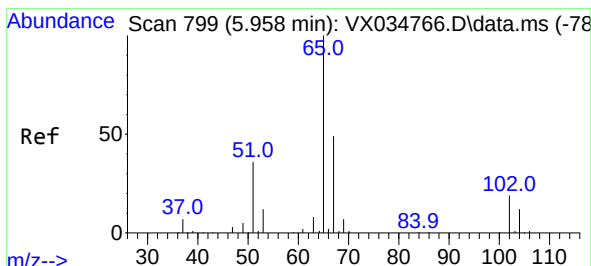
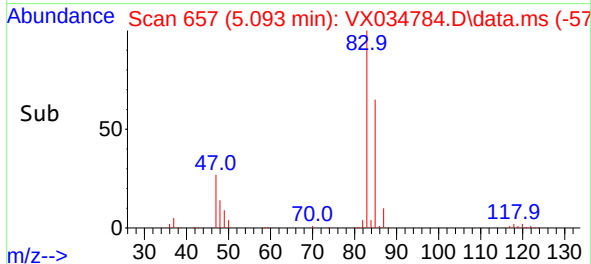
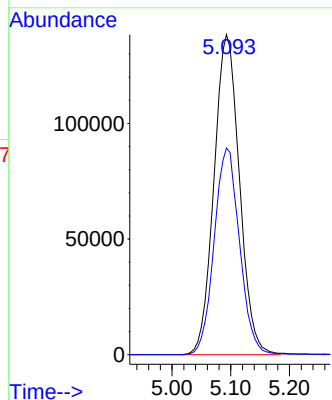
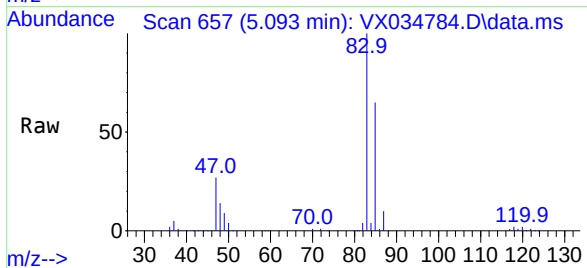
PT-VOA-WP

Tgt Ion: 83 Resp: 416814

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8



#27

1,2-Dichloroethane-d4

Concen: 31.300 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034784.D

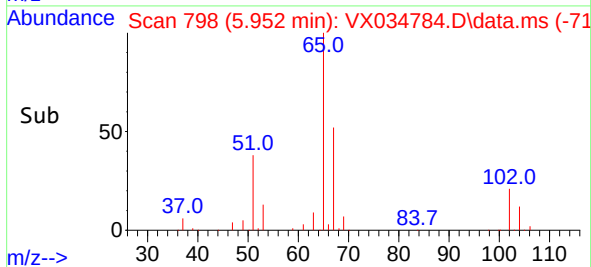
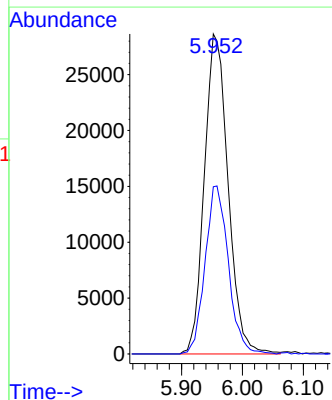
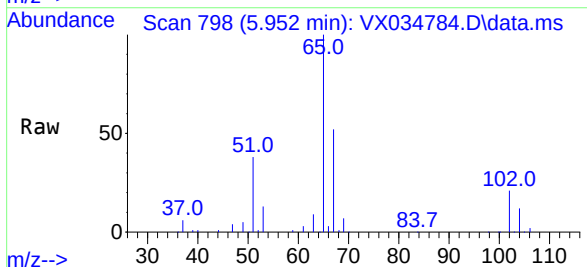
Acq: 28 Mar 2023 11:14

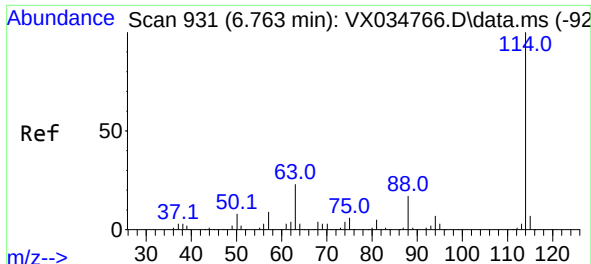
Tgt Ion: 65 Resp: 77547

Ion Ratio Lower Upper

65 100

67 51.5 40.9 61.3

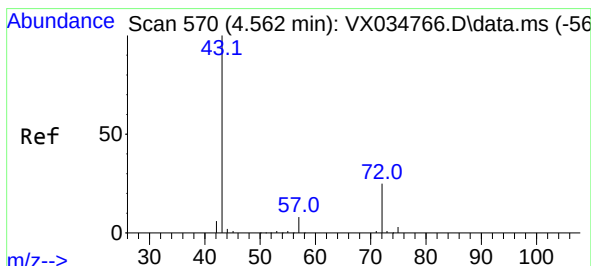
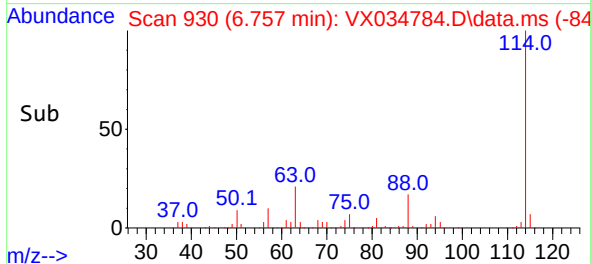
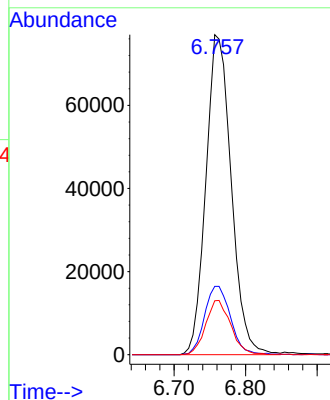
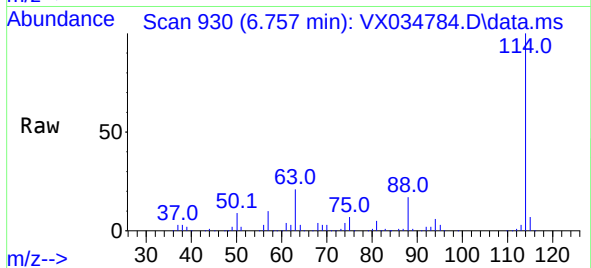




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX034784.D
 Acq: 28 Mar 2023 11:14

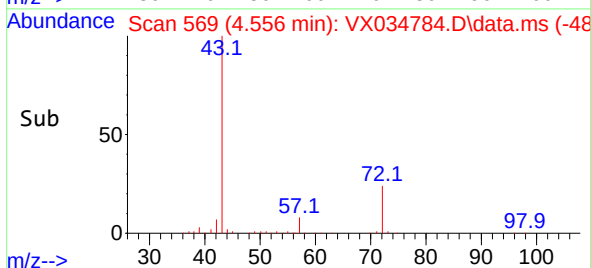
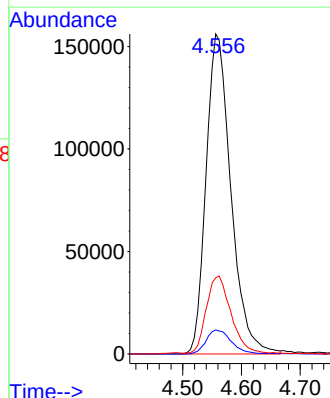
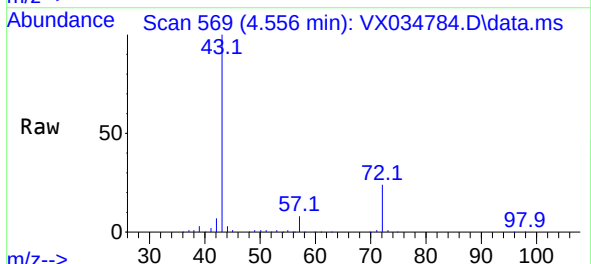
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

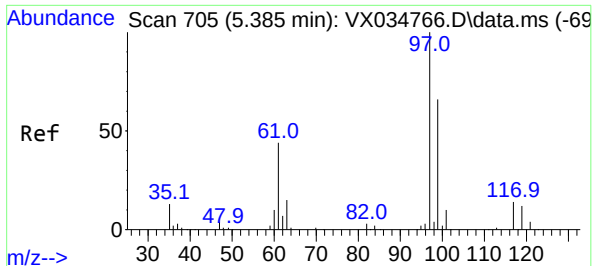
Tgt Ion:114 Resp: 189794
 Ion Ratio Lower Upper
 114 100
 63 21.7 18.0 27.0
 88 16.7 13.3 19.9



#30
 2-Butanone
 Concen: 188.296 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VX034784.D
 Acq: 28 Mar 2023 11:14

Tgt Ion: 43 Resp: 458393
 Ion Ratio Lower Upper
 43 100
 57 7.6 6.3 9.5
 72 24.4 19.6 29.4

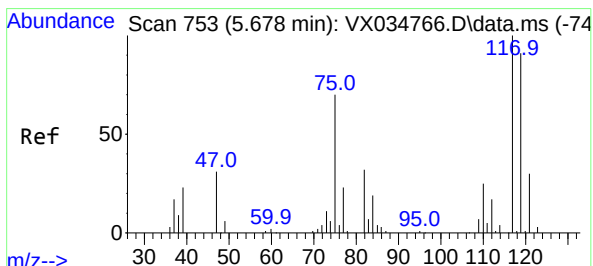
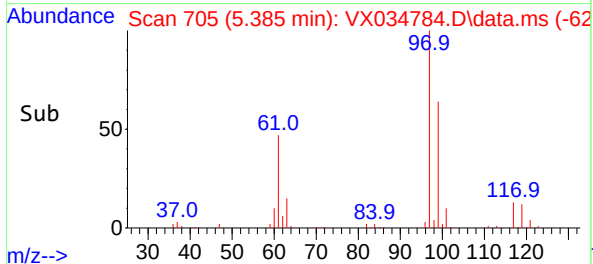
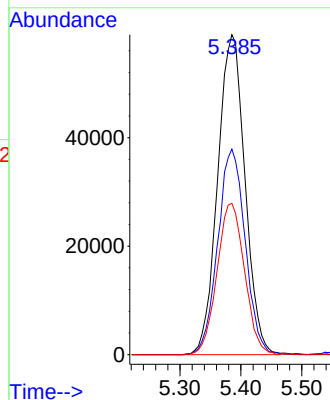
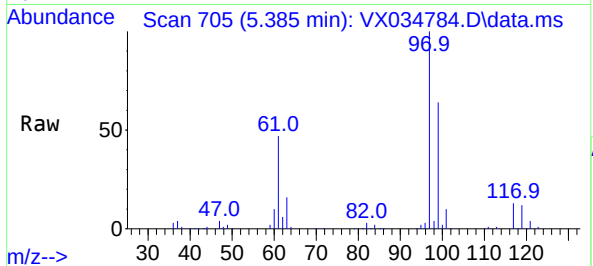




#32
1,1,1-Trichloroethane
Concen: 35.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

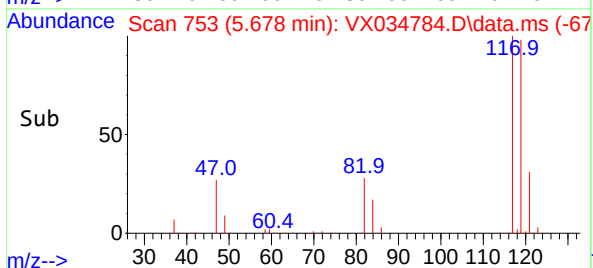
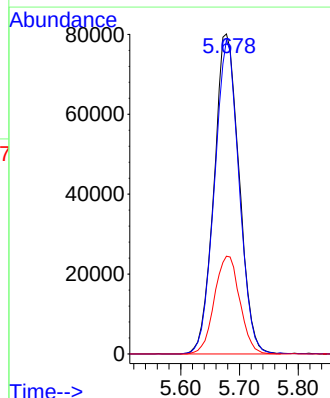
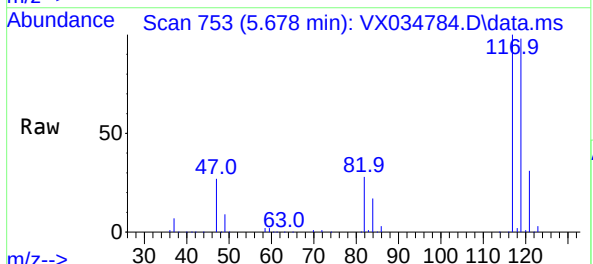
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

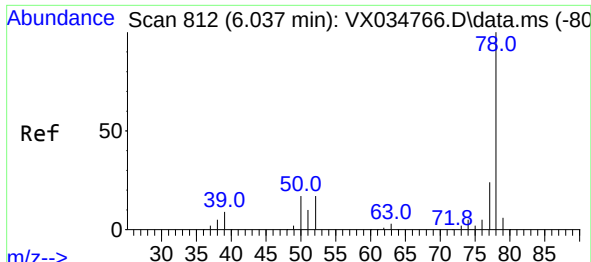
Tgt Ion: 97 Resp: 183637
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 47.6 36.6 55.0



#33
Carbon Tetrachloride
Concen: 56.186 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 117 Resp: 237473
Ion Ratio Lower Upper
117 100
119 98.1 73.3 109.9
121 30.6 24.0 36.0

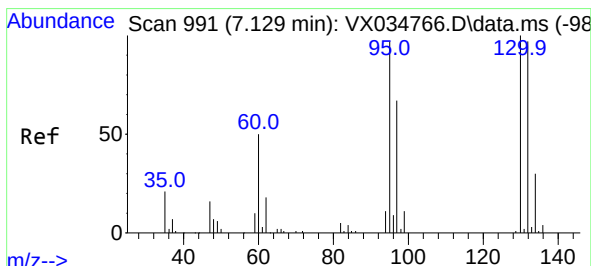
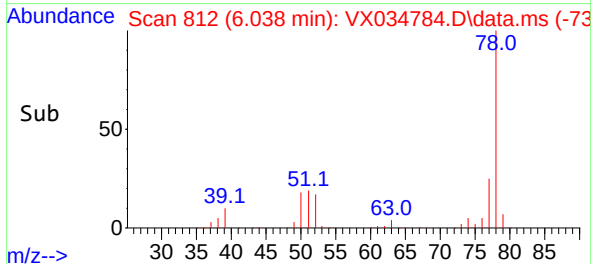
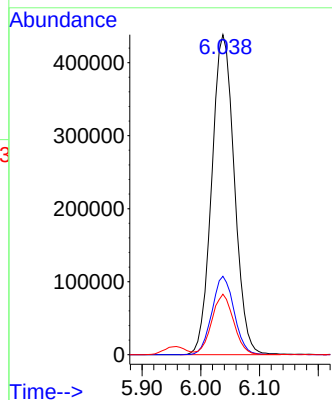
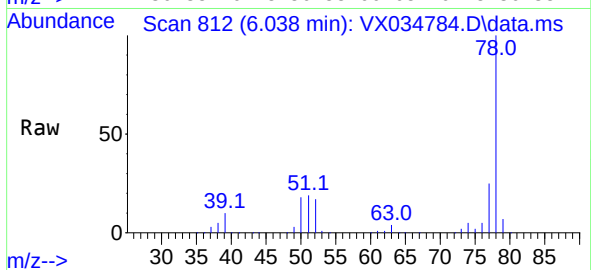




#34
Benzene
Concen: 92.279 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

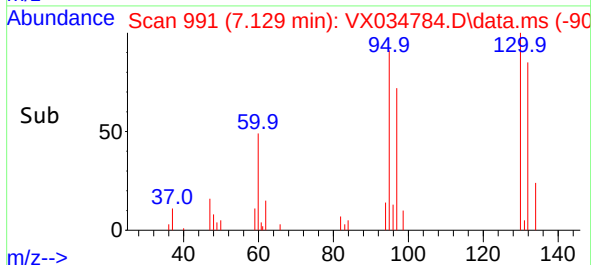
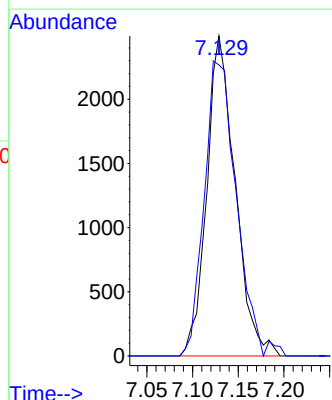
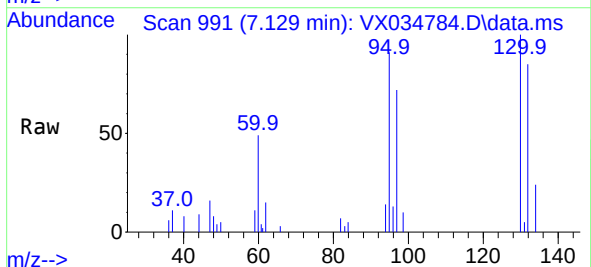
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

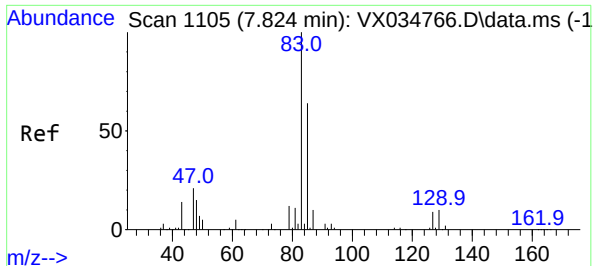
Tgt Ion: 78 Resp: 1170619
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4
51 18.9 14.6 21.8



#37
Trichloroethene
Concen: 1.670 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:130 Resp: 5393
Ion Ratio Lower Upper
130 100
95 90.9 77.8 116.6

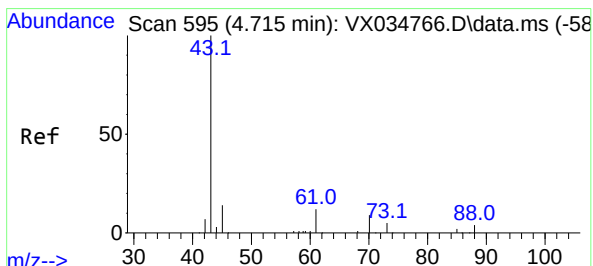
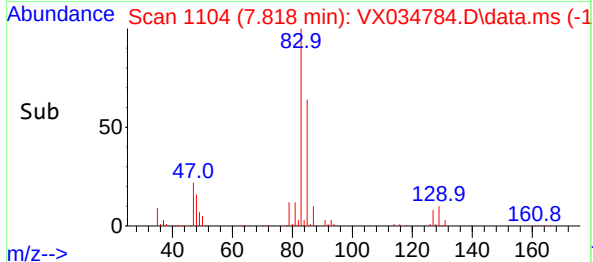
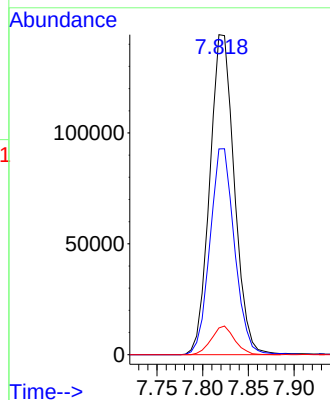
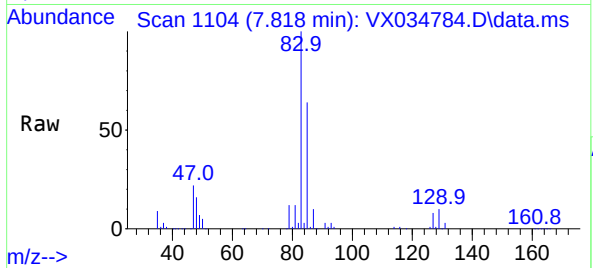




#41
Bromodichloromethane
Concen: 63.291 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

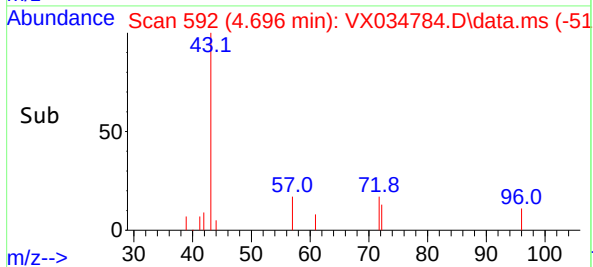
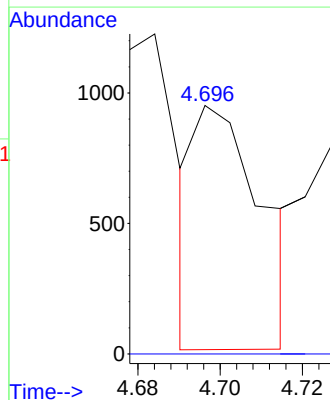
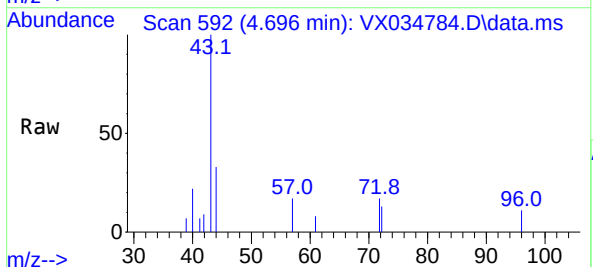
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

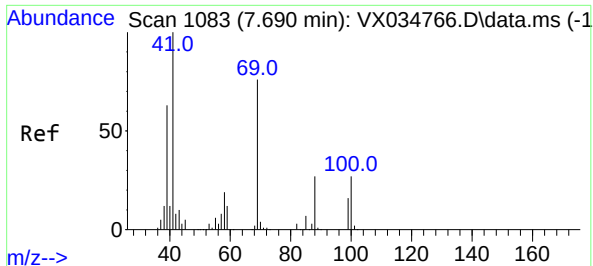
Tgt Ion: 83 Resp: 270039
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.3 8.2 12.4



#43
Ethyl Acetate
Concen: 0.224 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.018 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
45 0.0 12.0 18.0#





#45

1,4-Dioxane

Concen: 4.407 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.134 min

Lab File: VX034784.D

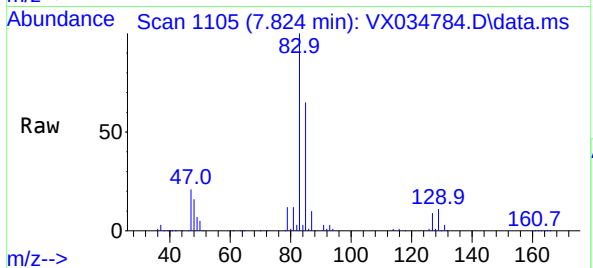
Acq: 28 Mar 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP



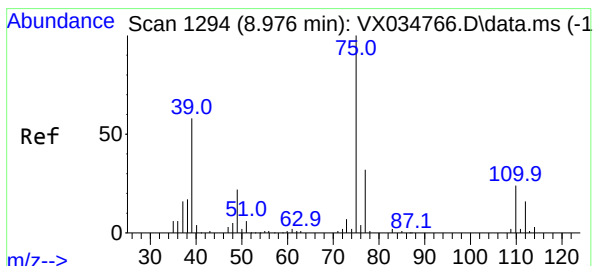
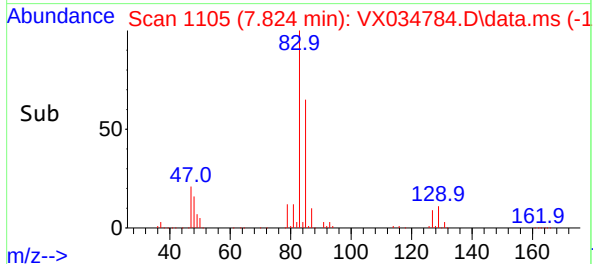
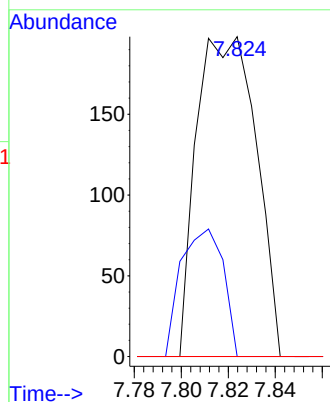
Tgt Ion: 88 Resp: 349

Ion Ratio Lower Upper

88 100

43 28.4 26.5 39.7

58 0.0 55.6 83.4#



#48

t-1,3-Dichloropropene

Concen: 18.574 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034784.D

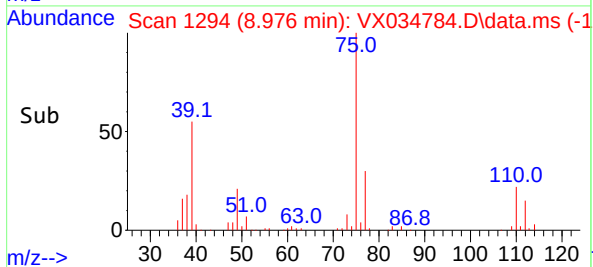
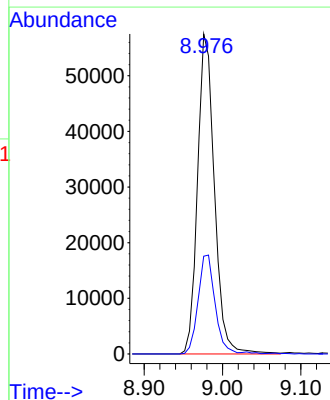
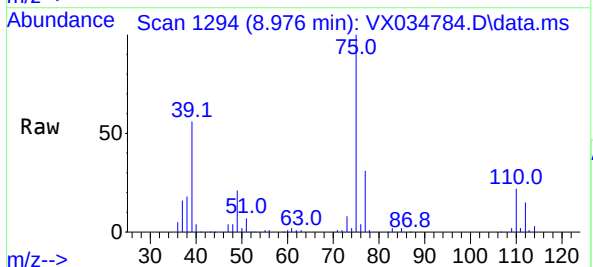
Acq: 28 Mar 2023 11:14

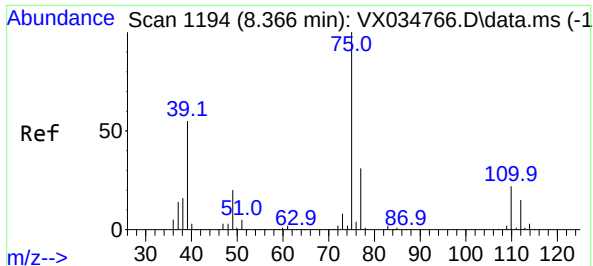
Tgt Ion: 75 Resp: 86346

Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

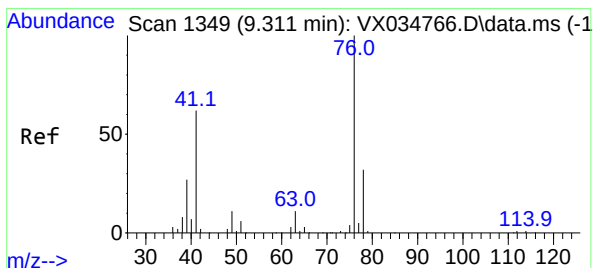
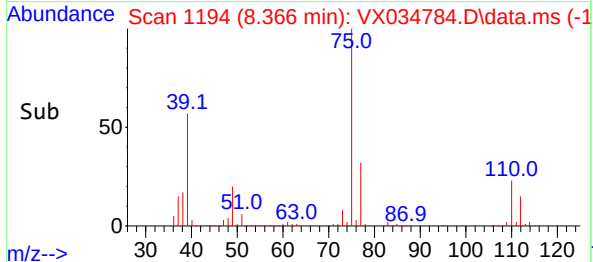
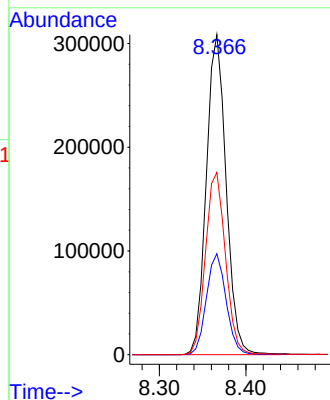
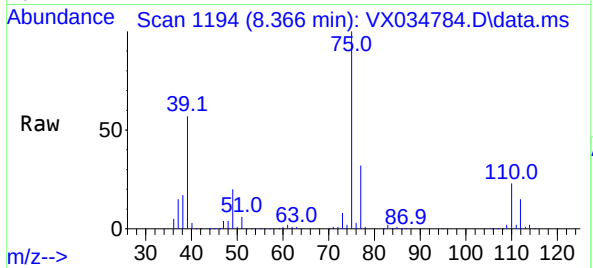




#49
 cis-1,3-Dichloropropene
 Concen: 95.981 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034784.D
 Acq: 28 Mar 2023 11:14

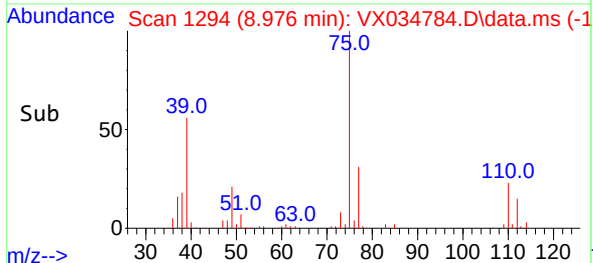
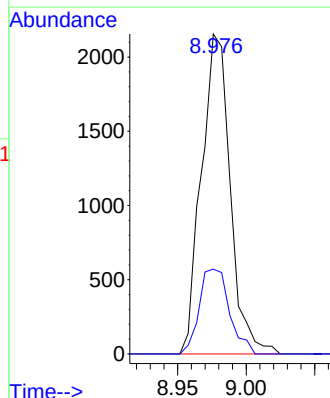
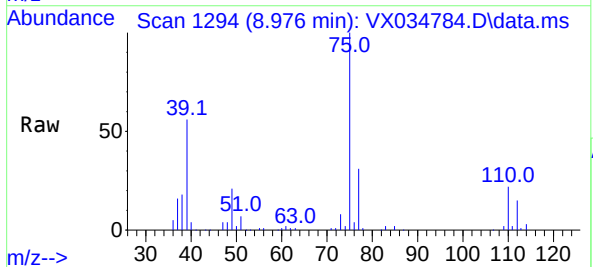
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

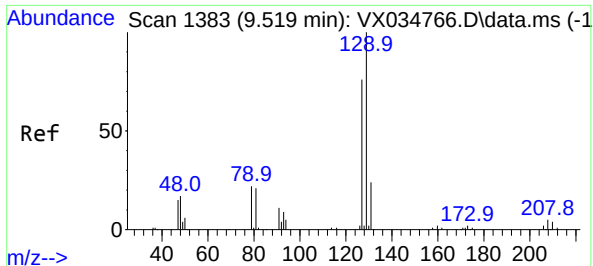
Tgt Ion: 75 Resp: 490195
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0
 39 57.0 44.2 66.2



#52
 1,3-Dichloropropane
 Concen: 0.567 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.335 min
 Lab File: VX034784.D
 Acq: 28 Mar 2023 11:14

Tgt Ion: 76 Resp: 3159
 Ion Ratio Lower Upper
 76 100
 78 27.8 0.0 63.8

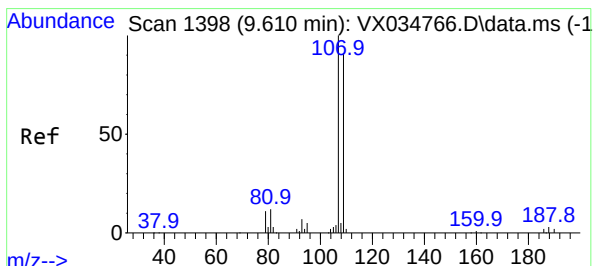
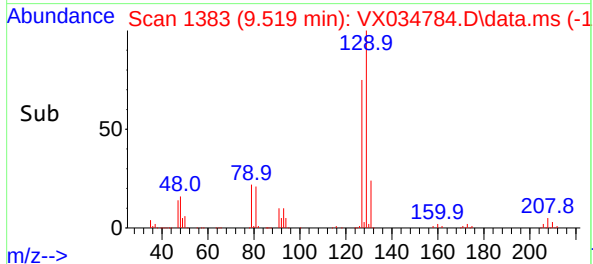
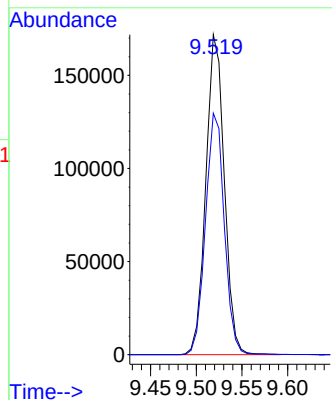
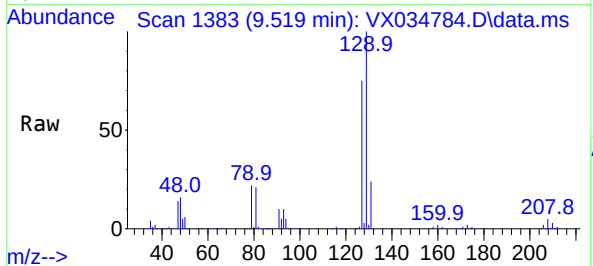




#53
Dibromochloromethane
Concen: 77.113 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

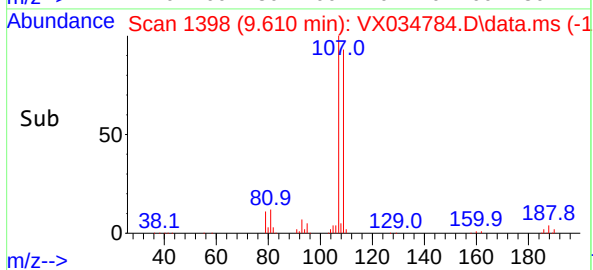
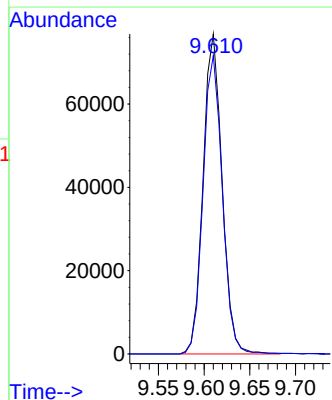
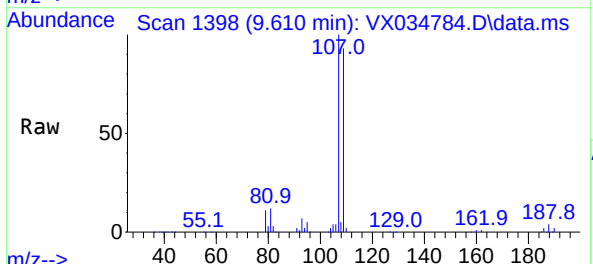
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

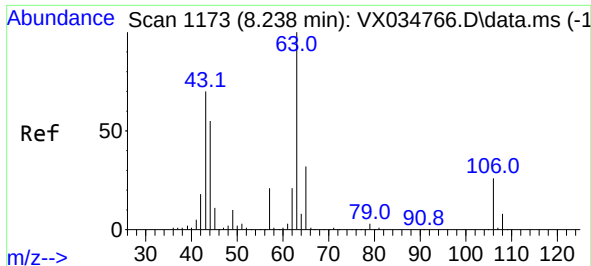
Tgt Ion:129 Resp: 240733
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5



#54
1,2-Dibromoethane
Concen: 32.914 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:107 Resp: 111102
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 1.165 ug/l

RT: 8.366 min Scan# 1173

Delta R.T. 0.128 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

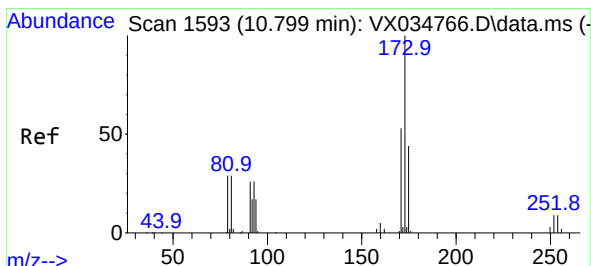
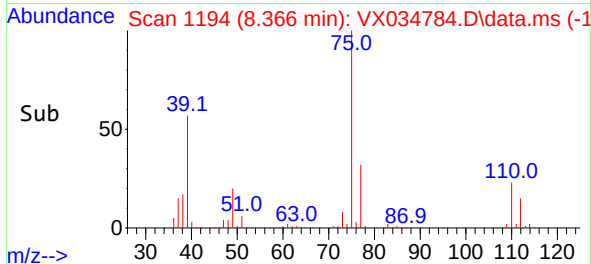
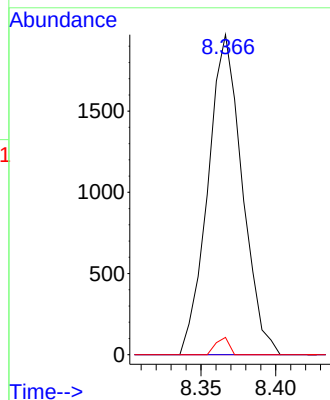
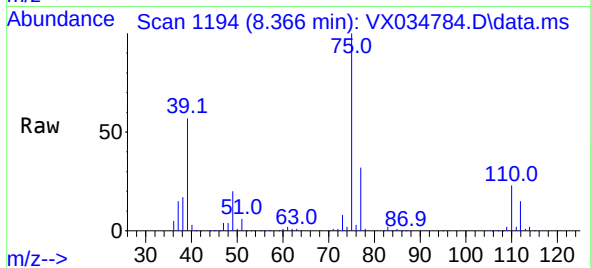
Tgt Ion: 63 Resp: 3141

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#

106 2.1 21.6 32.4#



#56

Bromoform

Concen: 0.826 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

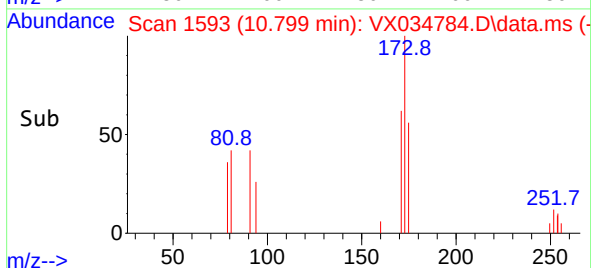
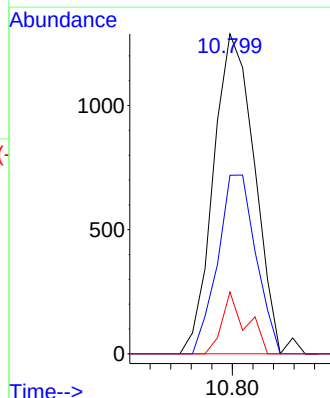
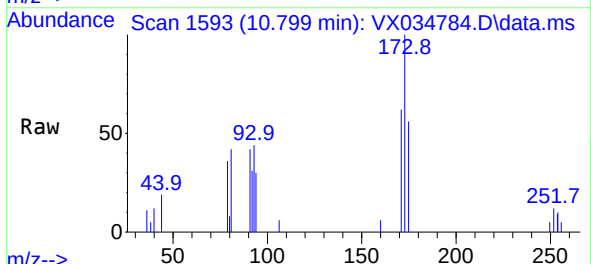
Tgt Ion: 173 Resp: 1777

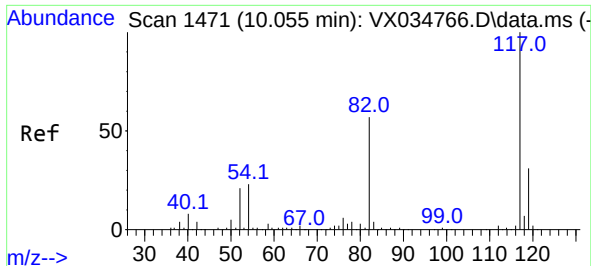
Ion Ratio Lower Upper

173 100

175 52.3 37.0 55.4

254 11.5 6.7 10.1#

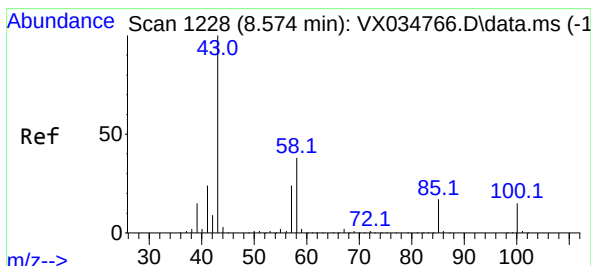
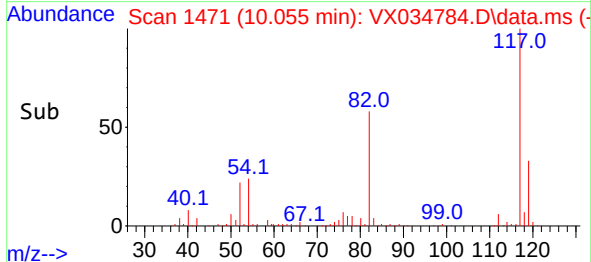
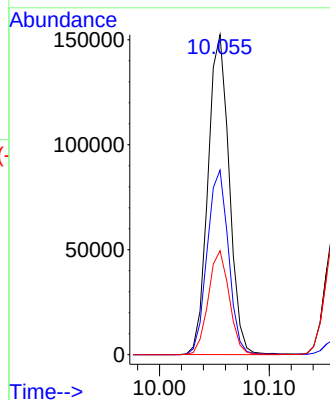
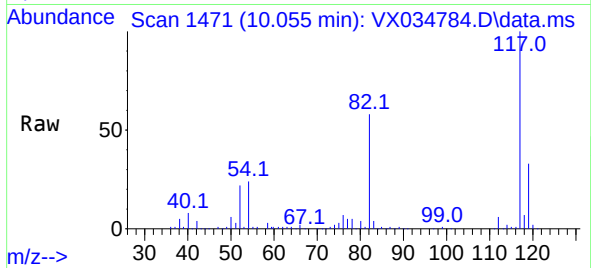




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

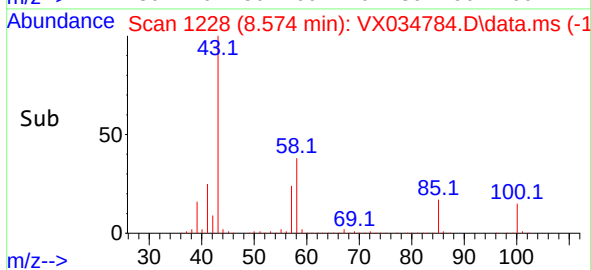
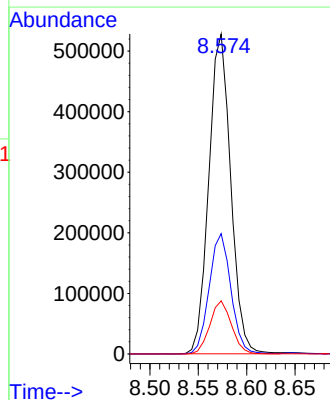
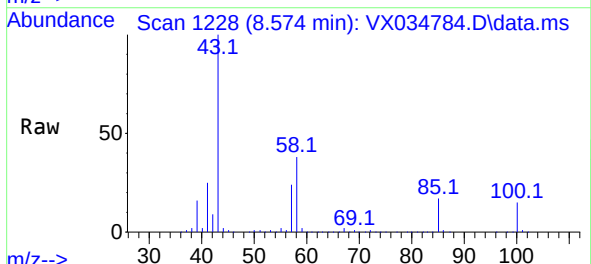
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

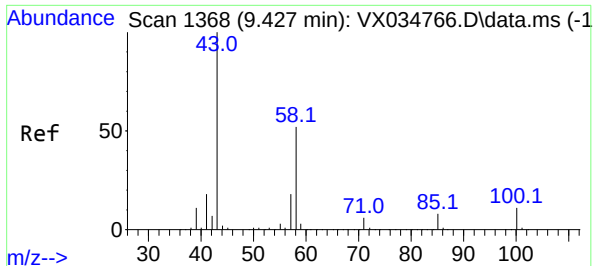
Tgt Ion:117 Resp: 205036
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.8
119 32.3 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 177.306 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 43 Resp: 833516
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9
85 16.4 13.2 19.8





#59

2-Hexanone

Concen: 100.177 ug/l

RT: 9.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

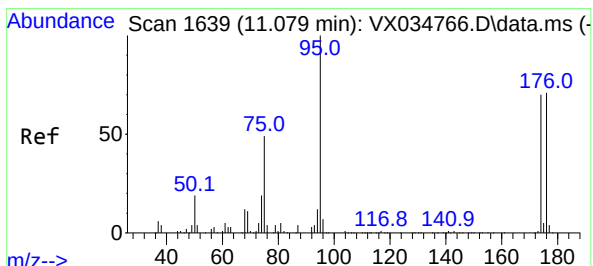
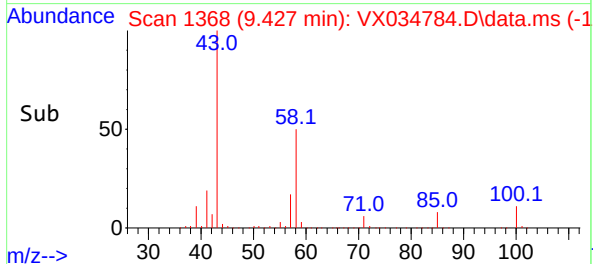
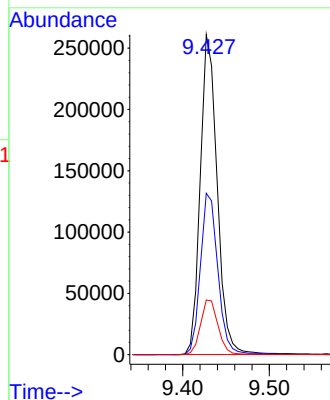
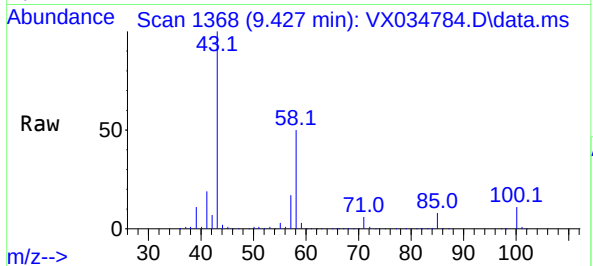
Tgt Ion: 43 Resp: 354573

Ion Ratio Lower Upper

43 100

58 52.3 41.7 62.5

57 17.8 14.7 22.1



#60

4-Bromofluorobenzene

Concen: 29.171 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

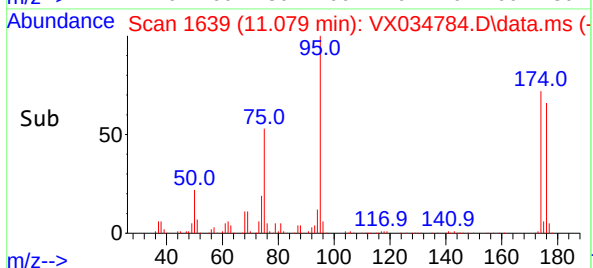
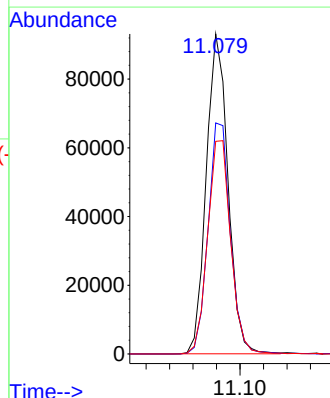
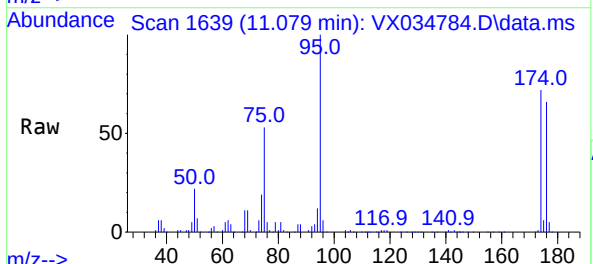
Tgt Ion: 95 Resp: 119512

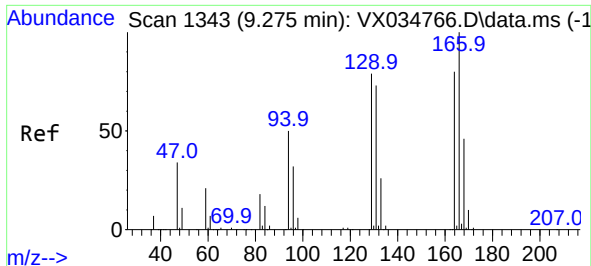
Ion Ratio Lower Upper

95 100

174 74.1 0.2 0.4#

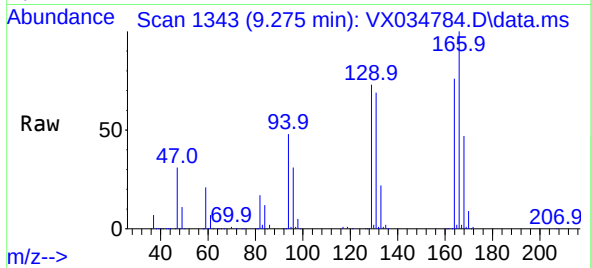
176 71.0 0.2 0.2#



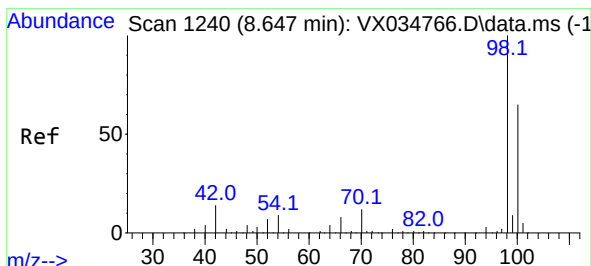
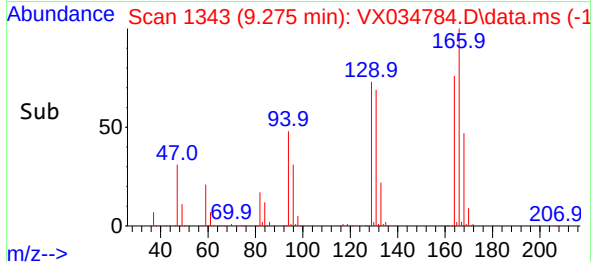
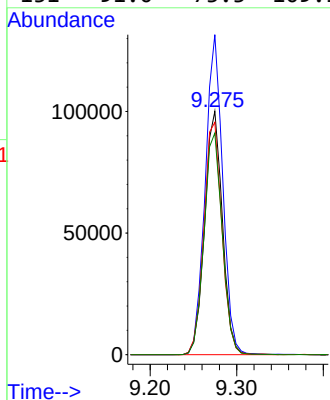


#61
Tetrachloroethene
Concen: 51.538 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

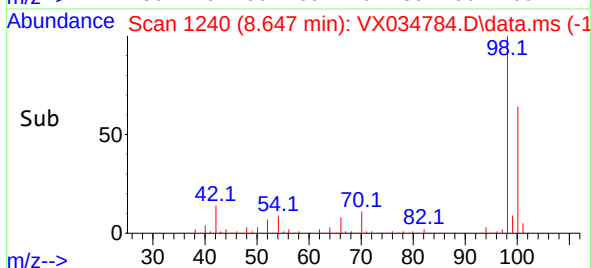
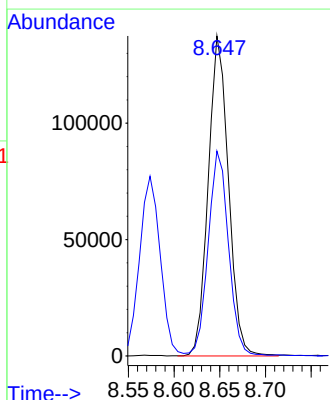
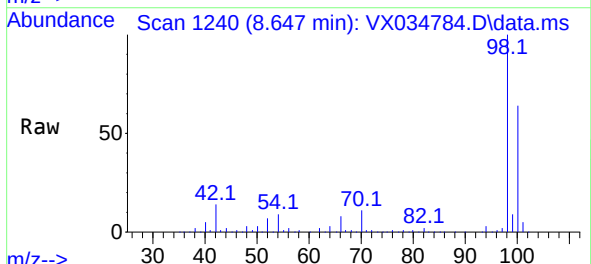


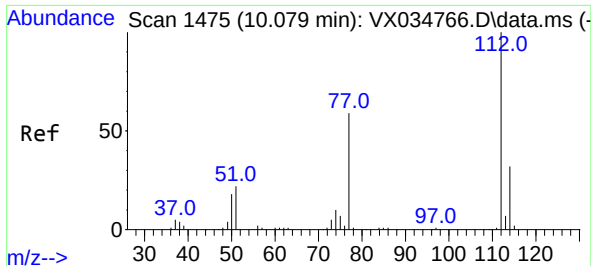
Tgt Ion:164 Resp: 142385
Ion Ratio Lower Upper
164 100
166 131.5 100.1 150.1
129 95.5 79.1 118.7
131 91.0 73.3 109.9



#63
Toluene-d8
Concen: 30.341 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 98 Resp: 211413
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

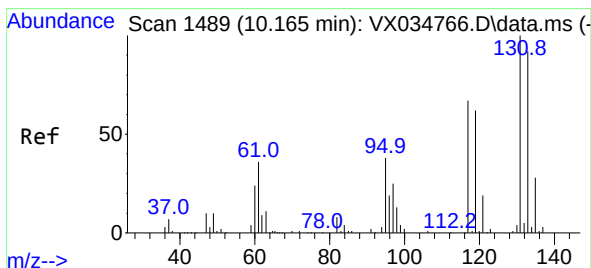
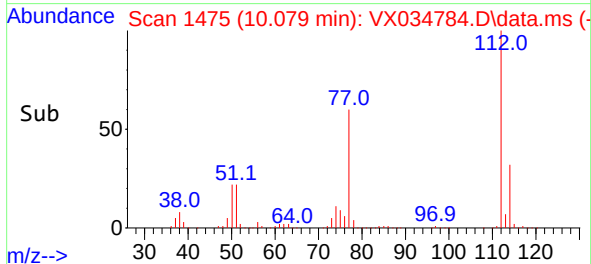
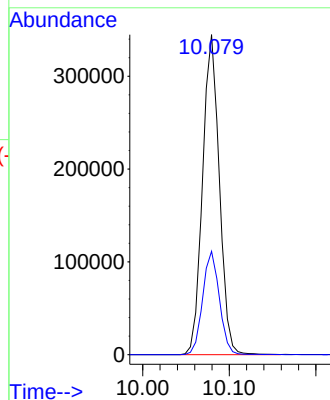
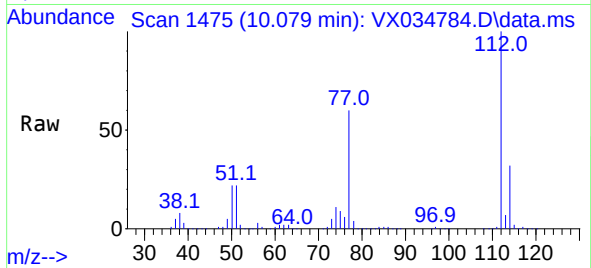




#64
Chlorobenzene
Concen: 56.129 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

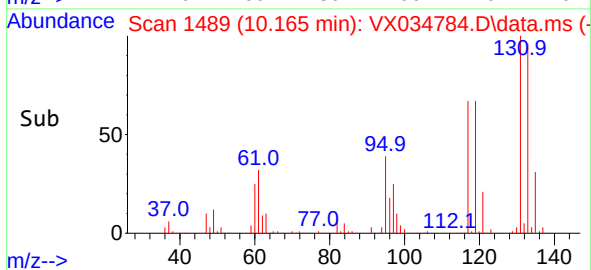
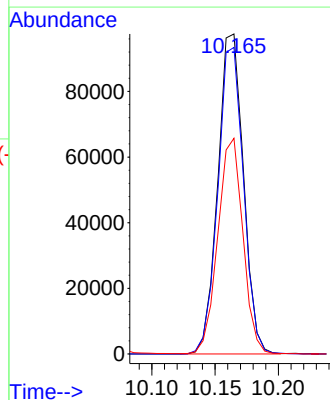
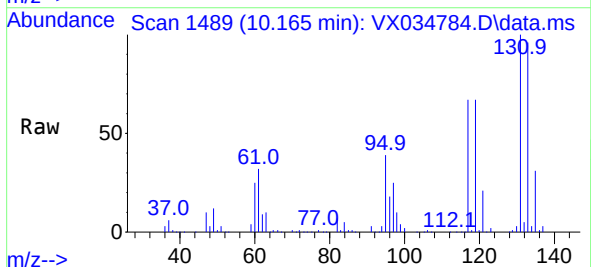
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

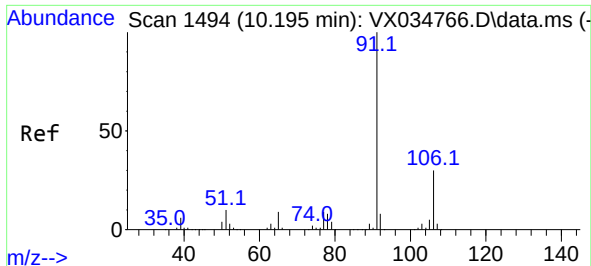
Tgt Ion:112 Resp: 463404
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#65
1,1,1,2-Tetrachloroethane
Concen: 46.536 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:131 Resp: 137351
Ion Ratio Lower Upper
131 100
133 95.8 0.0 186.6
119 66.1 0.0 128.6

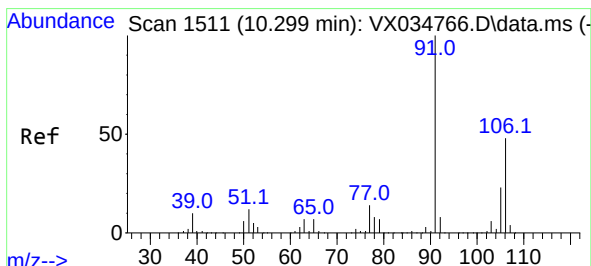
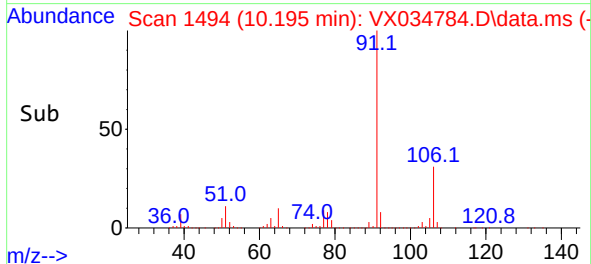
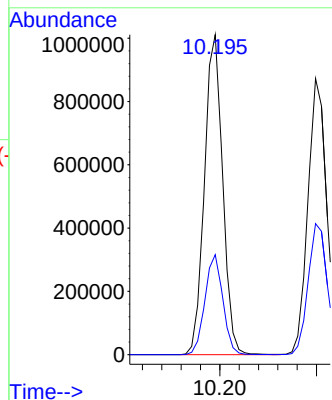
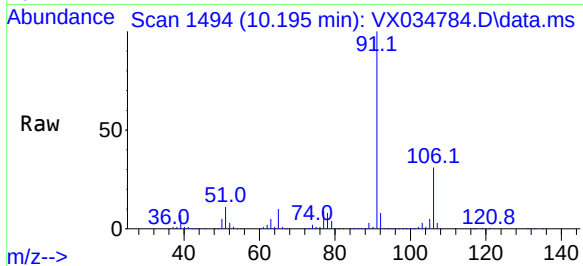




#66
Ethyl Benzene
Concen: 88.736 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

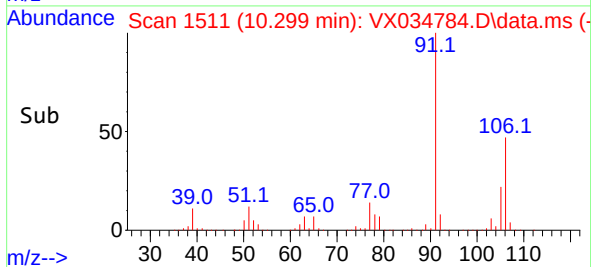
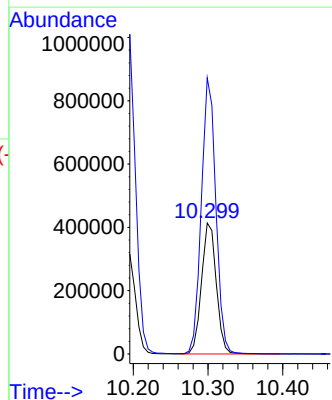
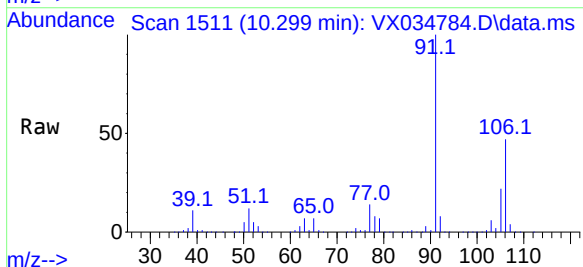
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

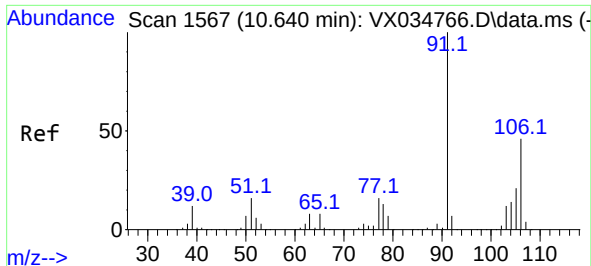
Tgt Ion: 91 Resp: 1325048
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6



#67
m/p-Xylenes
Concen: 99.729 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:106 Resp: 566623
Ion Ratio Lower Upper
106 100
91 207.4 167.4 251.2

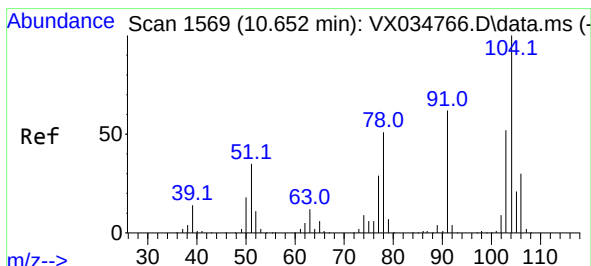
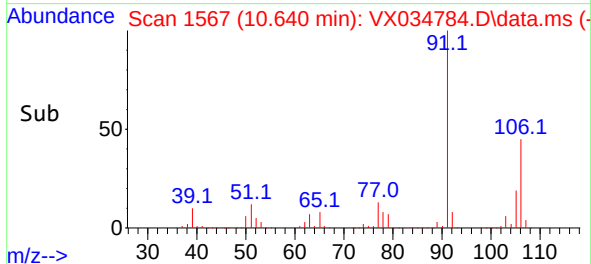
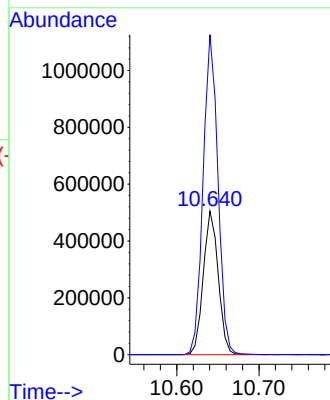
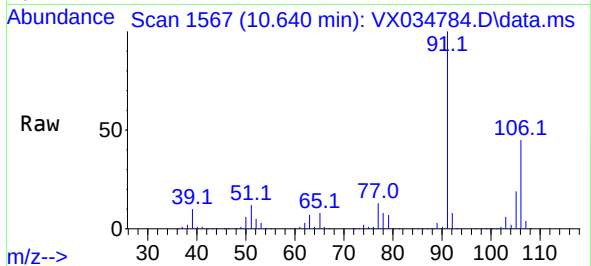




#68
o-Xylene
Concen: 113.512 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

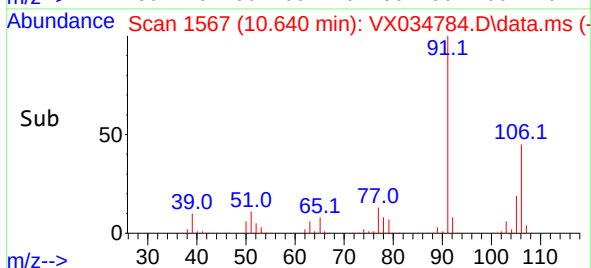
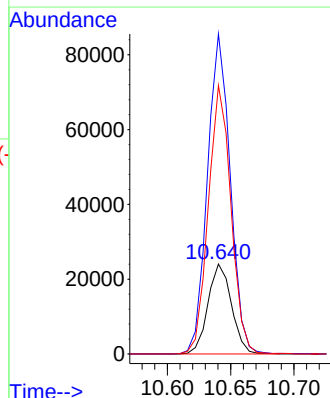
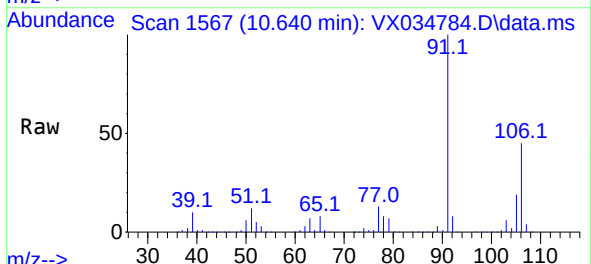
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

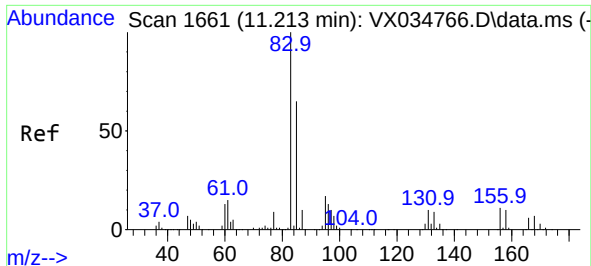
Tgt Ion:106 Resp: 637788
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8



#69
Styrene
Concen: 3.353 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:104 Resp: 31057
Ion Ratio Lower Upper
104 100
78 345.7 42.8 64.2#
103 288.0 43.8 65.8#

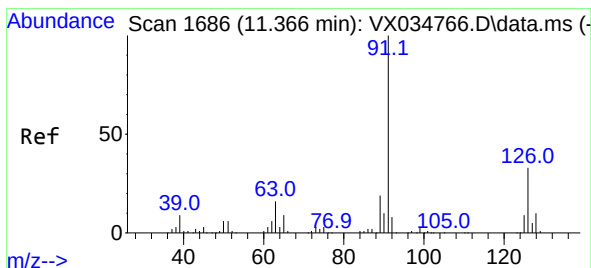
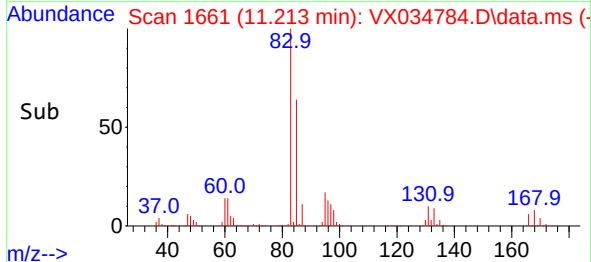
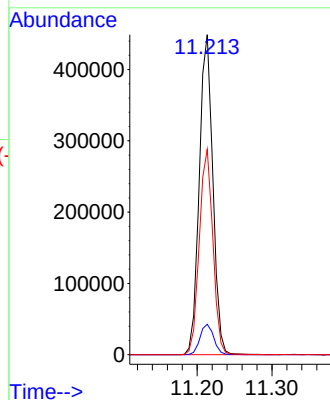
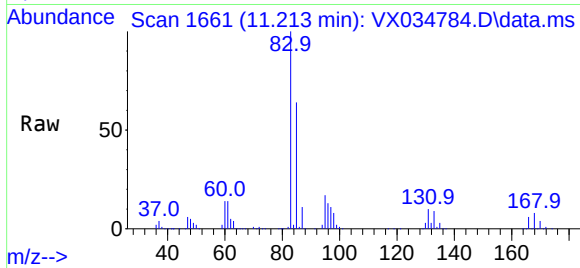




#71
1,1,2-Tetrachloroethane
Concen: 118.286 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

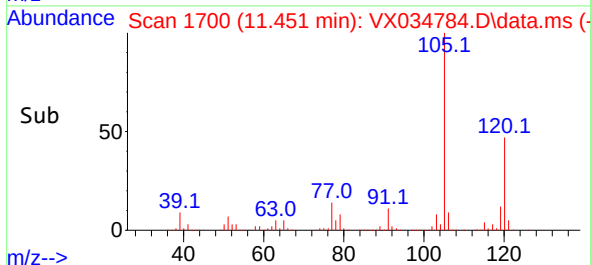
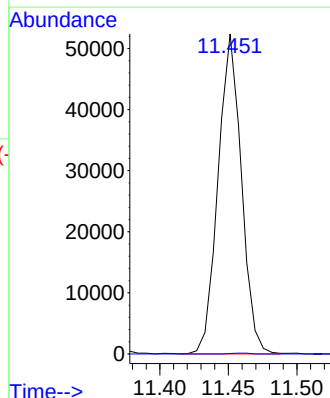
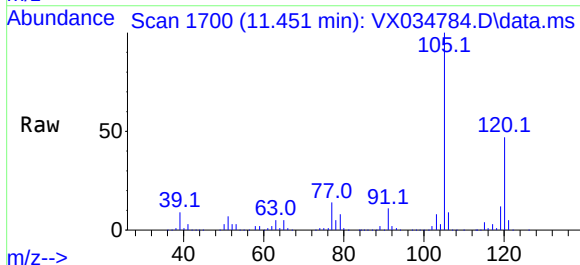
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

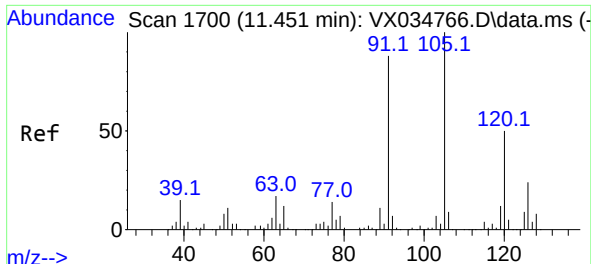
Tgt Ion: 83 Resp: 565386
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 64.2 31.9 95.5



#75
2-Chlorotoluene
Concen: 5.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.085 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 91 Resp: 61973
Ion Ratio Lower Upper
91 100
126 0.2 0.0 66.4

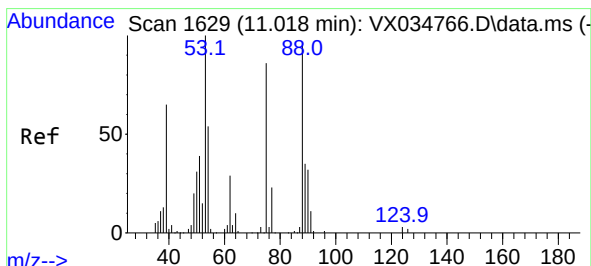
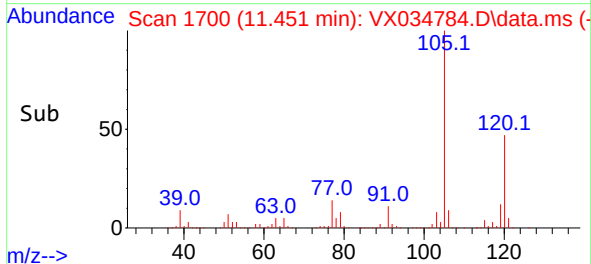
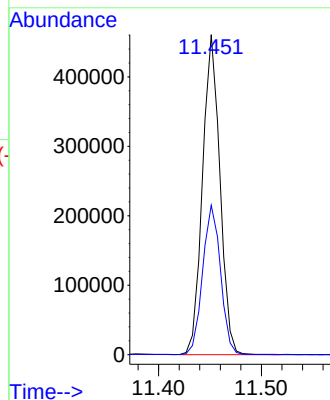
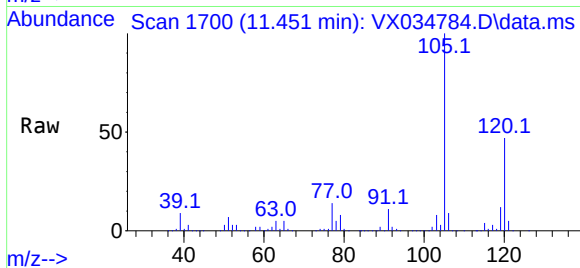




#76
1,3,5-Trimethylbenzene
Concen: 44.449 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

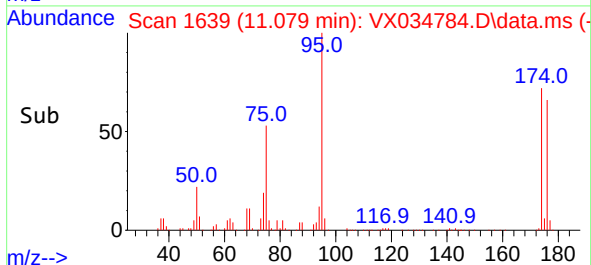
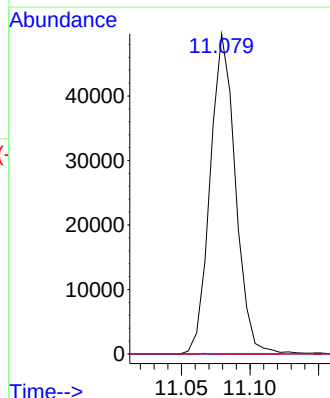
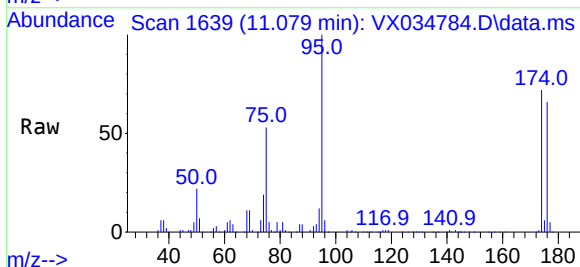
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

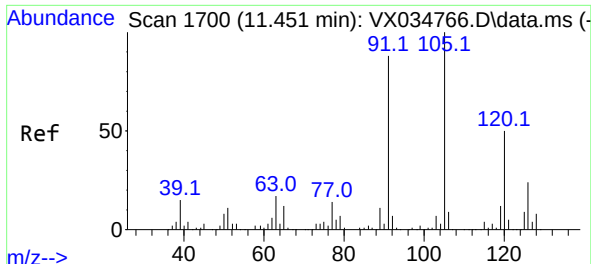
Tgt Ion:105 Resp: 544104
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4



#77
t-1,4-Dichloro-2-butene
Concen: 47.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 75 Resp: 63688
Ion Ratio Lower Upper
75 100
53 0.0 58.2 174.6#
89 0.0 20.6 61.8#

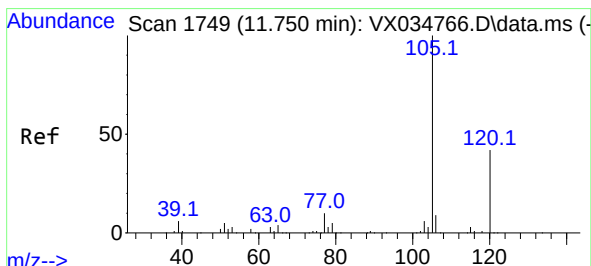
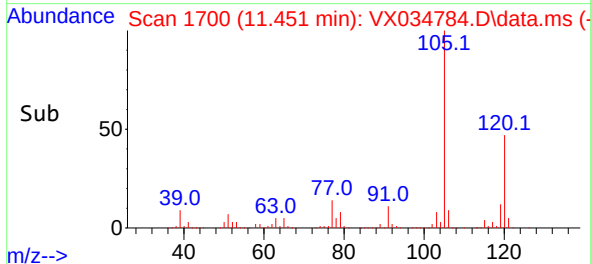
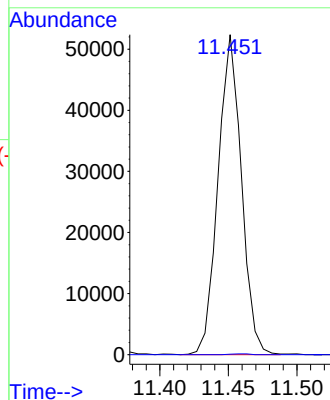
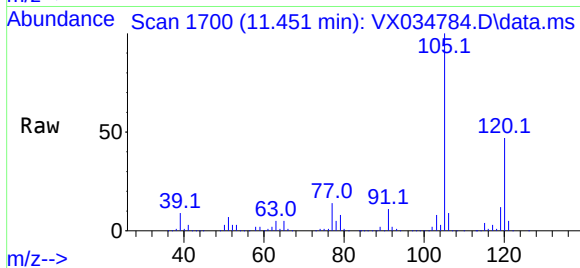




#78
4-Chlorotoluene
Concen: 5.122 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

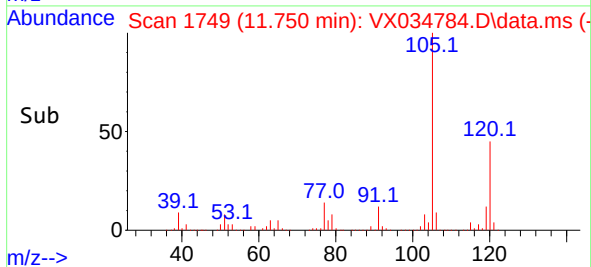
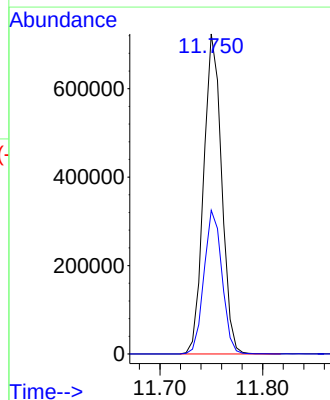
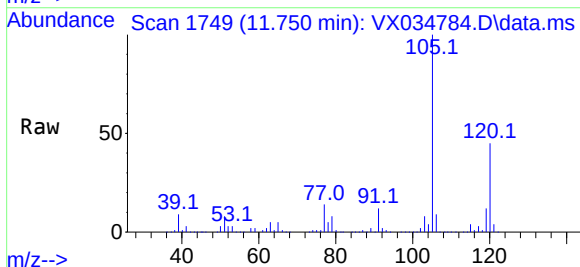
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

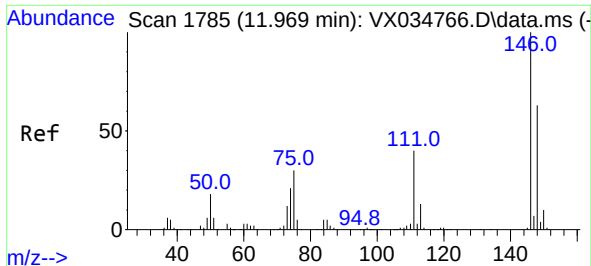
Tgt Ion: 91 Resp: 61973
Ion Ratio Lower Upper
91 100
126 0.2 0.0 56.8



#80
1,2,4-Trimethylbenzene
Concen: 72.269 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 105 Resp: 879093
Ion Ratio Lower Upper
105 100
120 45.0 0.0 90.4

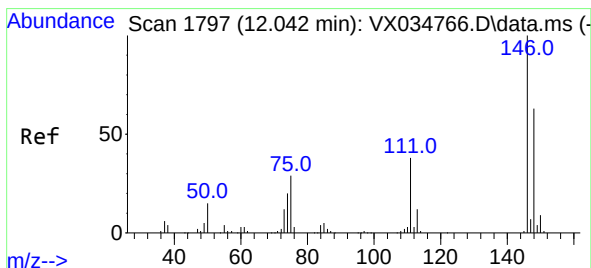
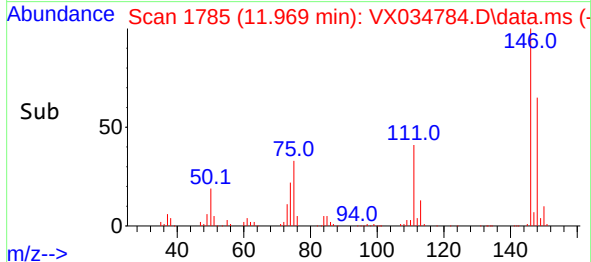
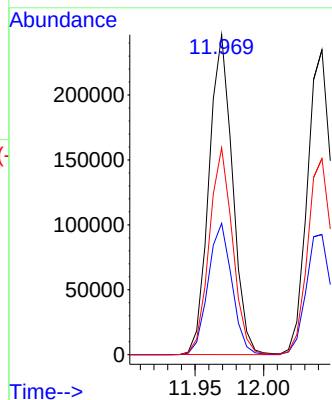
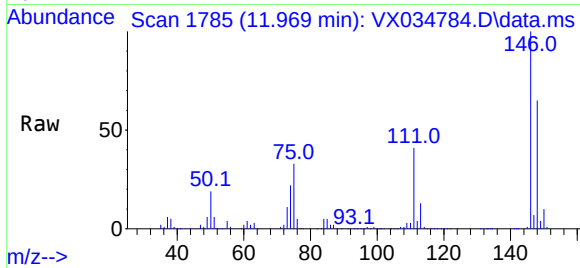




#83
1,3-Dichlorobenzene
Concen: 44.700 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

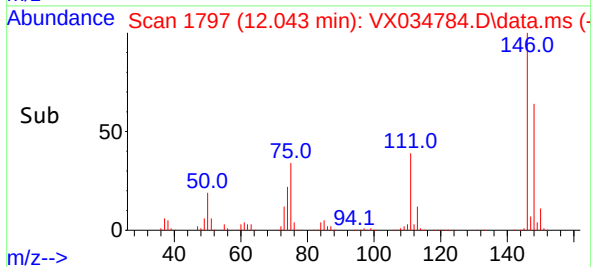
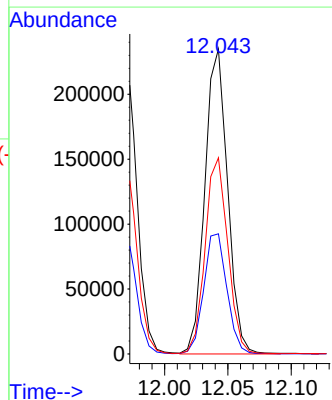
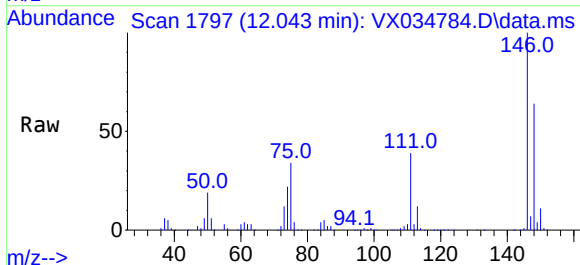
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

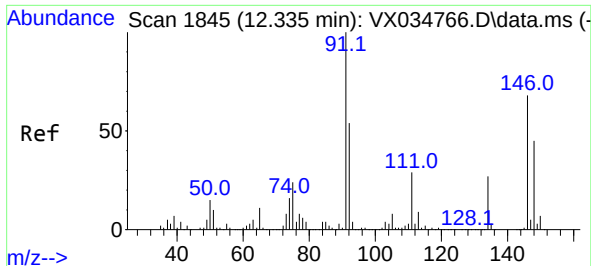
Tgt Ion:146 Resp: 294796
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 64.2 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 44.354 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:146 Resp: 293749
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 64.3 31.8 95.3

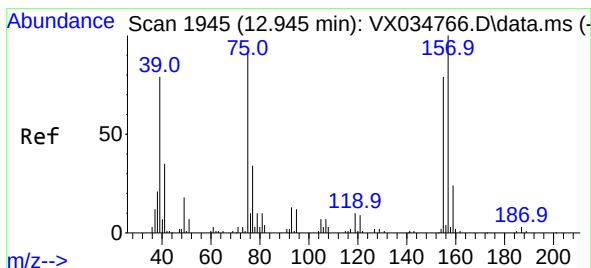
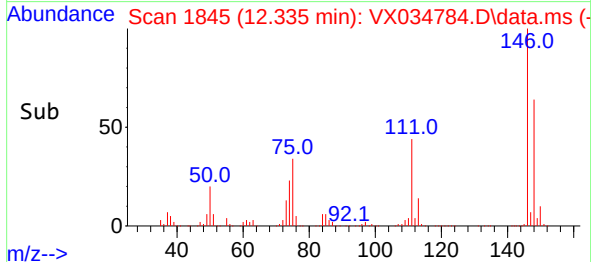
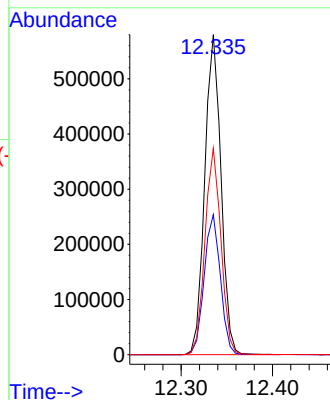
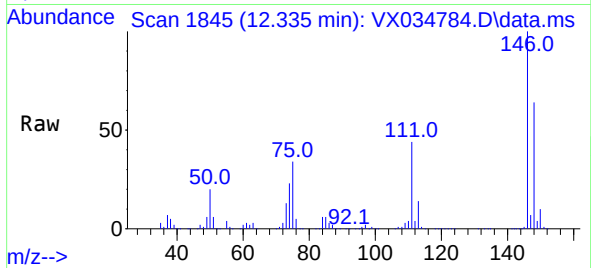




#87
1,2-Dichlorobenzene
Concen: 110.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

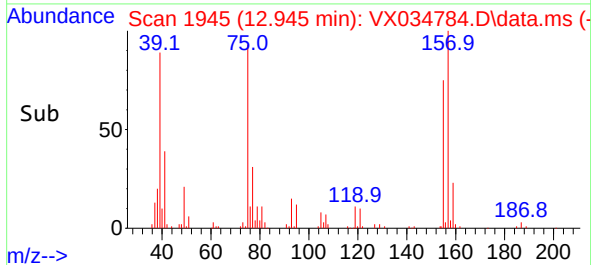
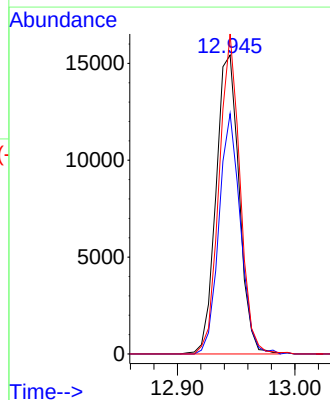
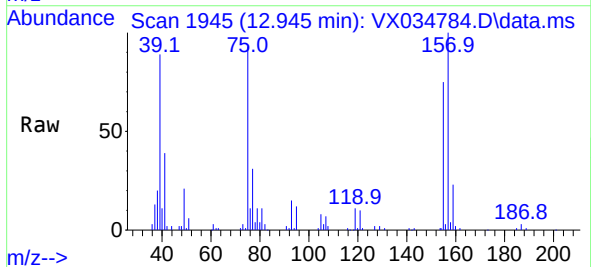
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

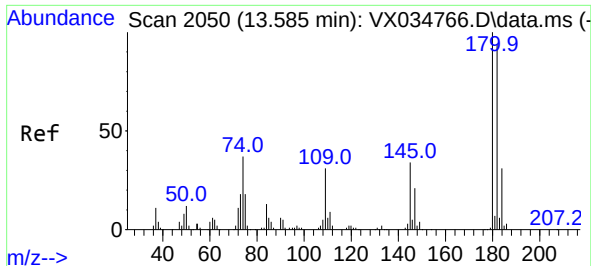
Tgt Ion:146 Resp: 713831
Ion Ratio Lower Upper
146 100
111 43.7 21.3 64.0
148 63.4 31.7 95.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.203 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion: 75 Resp: 21103
Ion Ratio Lower Upper
75 100
155 74.3 63.7 95.5
157 96.4 83.7 125.5

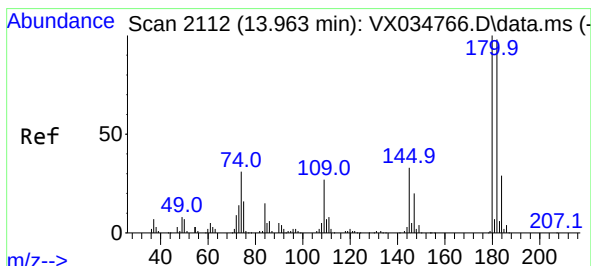
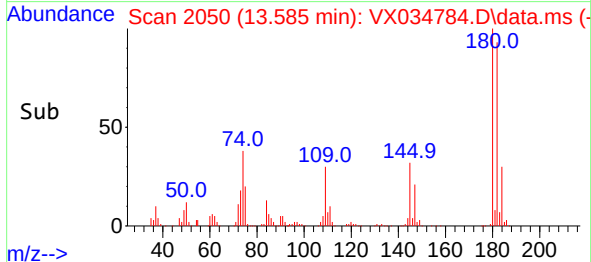
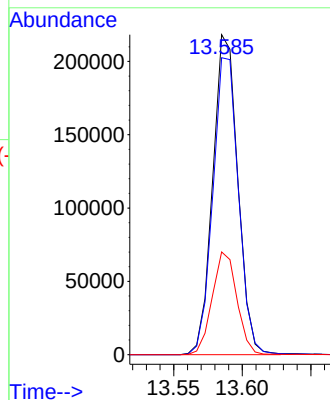
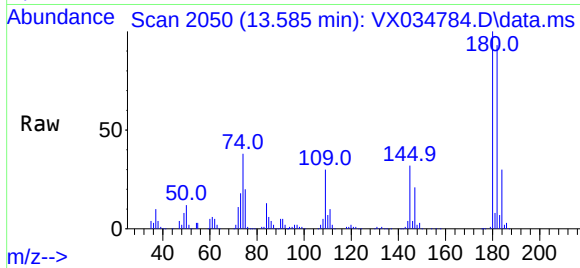




#89
1,2,4-Trichlorobenzene
Concen: 71.703 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tgt Ion:180 Resp: 277578
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 31.7 25.8 38.6



#92
1,2,3-Trichlorobenzene
Concen: 0.349 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034784.D
Acq: 28 Mar 2023 11:14

Tgt Ion:180 Resp: 1350
Ion Ratio Lower Upper
180 100
182 92.4 0.0 191.0
145 34.7 0.0 66.8

