

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021183.D
 Acq On : 12 Mar 2021 16:09
 Operator : JC/MD
 Sample : M1557-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 13 01:07:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.976	128	14485	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	81472	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	71785	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	40613	30.46	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.53%
60) 4-Bromofluorobenzene	11.118	95	37890	28.87	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.23%
63) Toluene-d8	8.694	98	100803	30.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.17%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	252	0.25	ug/l #	85
4) Vinyl Chloride	1.393	62	82162	83.11	ug/l	99
5) Bromomethane	1.628	94	519	0.88	ug/l	90
6) Chloroethane	1.699	64	25114	41.13	ug/l	93
11) Methyl Iodide	2.487	142	286	0.27	ug/l #	79
13) Acrolein	1.887	56	67	0.39	ug/l	83
15) Acetone	2.423	58	62	0.45	ug/l #	1
18) Methylene Chloride	2.834	84	51853	53.21	ug/l #	88
21) 1,1-Dichloroethane	3.664	63	49468	27.94	ug/l	97
23) tert-Butyl Alcohol	2.993	59	216	0.95	ug/l #	46
24) Methyl tert-Butyl Ether	3.170	73	222741	72.66	ug/l #	84
25) Chloroform	5.170	83	133315	72.24	ug/l	99
29) 1,1-Dichloropropene	6.105	75	5632	4.15	ug/l #	1
30) 2-Butanone	4.635	43	104942	138.26	ug/l #	90
32) 1,1,1-Trichloroethane	5.458	97	36815	22.22	ug/l	95
33) Carbon Tetrachloride	5.747	117	103794	71.44	ug/l	99
34) Benzene	6.111	78	298586	76.73	ug/l	97
36) 1,2-Dichloroethane	6.111	62	3436	2.05	ug/l #	73
37) Trichloroethene	7.182	130	54458	53.41	ug/l	96
38) Methylcyclohexane	7.488	83	327	0.21	ug/l #	32
39) 1,2-Dichloropropane	7.488	63	49597	47.00	ug/l	98
40) Dibromomethane	7.635	93	67541	90.36	ug/l	90
41) Bromodichloromethane	7.488	83	327	0.21	ug/l #	89
45) 1,4-Dioxane	7.623	88	309	13.14	ug/l #	37
48) t-1,3-Dichloropropene	9.188	75	556	0.35	ug/l	92
49) cis-1,3-Dichloropropene	8.417	75	1051	0.61	ug/l #	67
50) 1,1,2-Trichloroethane	9.194	97	62804	62.86	ug/l	96
51) Ethyl methacrylate	8.700	69	528	0.33	ug/l	68
54) 1,2-Dibromoethane	9.653	107	111654	105.65	ug/l	99
56) Bromoform	10.841	173	48361	59.29	ug/l	99
58) 4-Methyl-2-Pentanone	8.617	43	257171	176.94	ug/l #	89
61) Tetrachloroethene	9.318	164	73065	78.56	ug/l	98
62) Toluene	8.765	91	185188	46.54	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.206	131	65786	70.46	ug/l	97
66) Ethyl Benzene	10.235	91	382905	83.67	ug/l	98
67) m/p-Xylenes	10.341	106	84117	51.06	ug/l	95
68) o-Xylene	10.682	106	233069	146.13	ug/l	93
69) Styrene	10.694	104	215465	79.63	ug/l #	84
71) 1,1,2,2-Tetrachloroethane	11.253	83	177947	128.64	ug/l	99

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

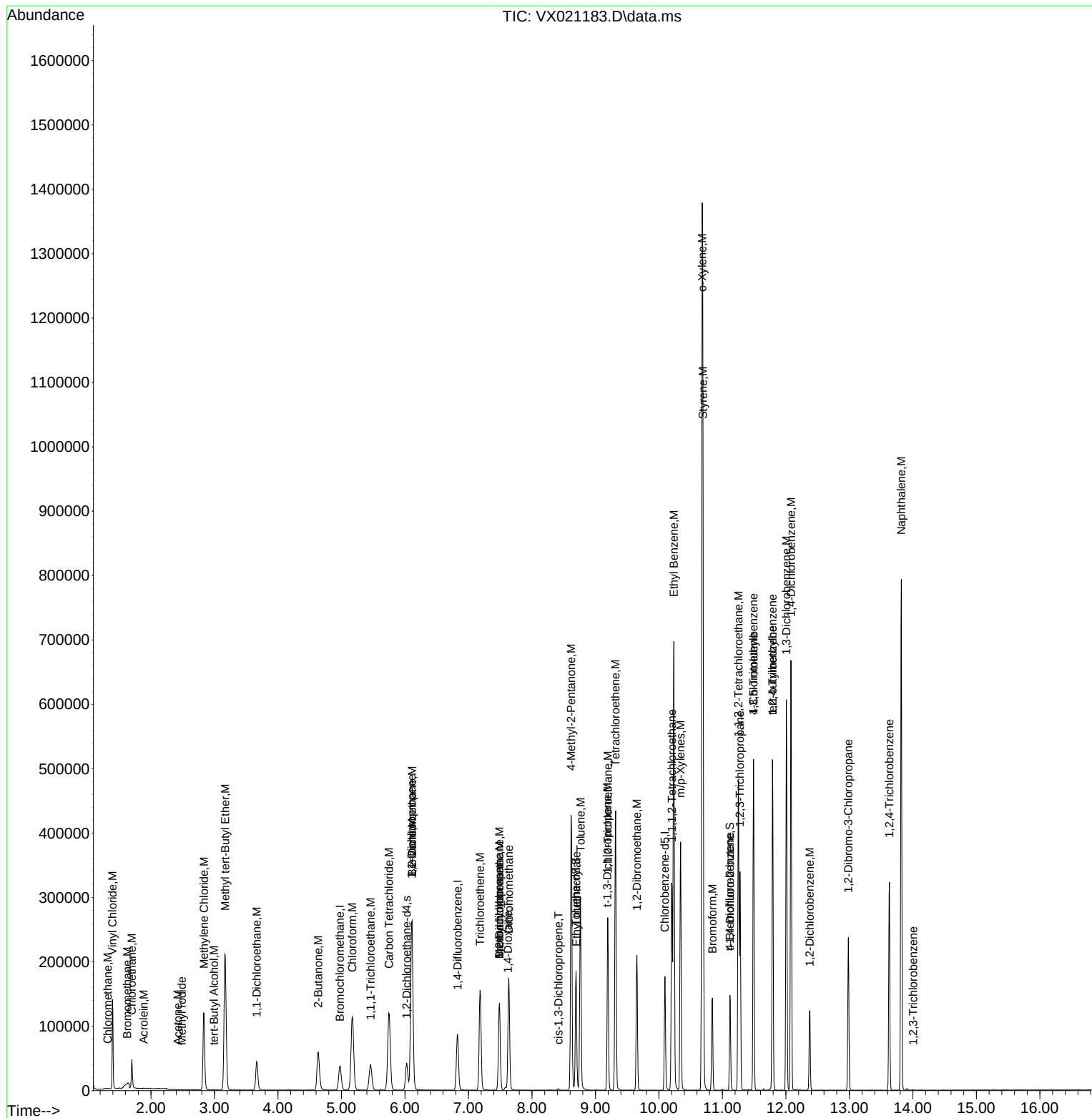
72) 1,2,3-Trichloropropane	11.277	75	98532	69.98	ug/l	92
76) 1,3,5-Trimethylbenzene	11.488	105	202663	54.63	ug/l	98
77) t-1,4-Dichloro-2-butene	11.118	75	21447	46.38	ug/l #	11
78) 4-Chlorotoluene	11.488	91	24233	6.67	ug/l #	46
79) tert-butylbenzene	11.788	119	24969	7.27	ug/l #	50
80) 1,2,4-Trimethylbenzene	11.788	105	207987	55.82	ug/l	99
83) 1,3-Dichlorobenzene	12.006	146	168866	91.27	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	198615	107.01	ug/l	98
87) 1,2-Dichlorobenzene	12.377	146	35733	19.71	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.983	75	46136	134.00	ug/l #	81
89) 1,2,4-Trichlorobenzene	13.630	180	68643	60.16	ug/l	98
91) Naphthalene	13.818	128	443525	120.28	ug/l	99
92) 1,2,3-Trichlorobenzene	14.006	180	280	0.25	ug/l	88

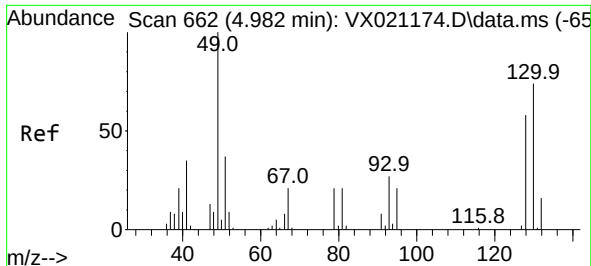
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 12 12:55:27 2021
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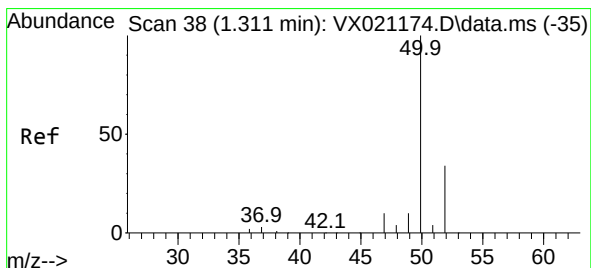
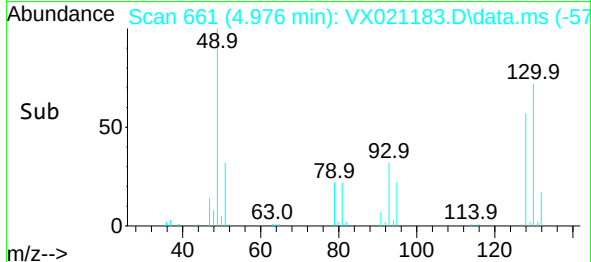
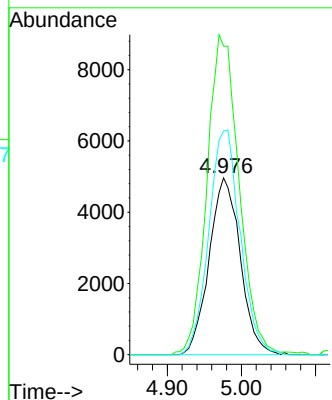
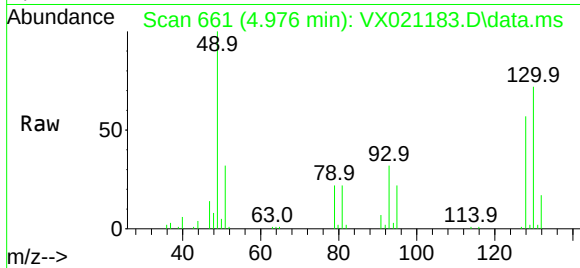




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

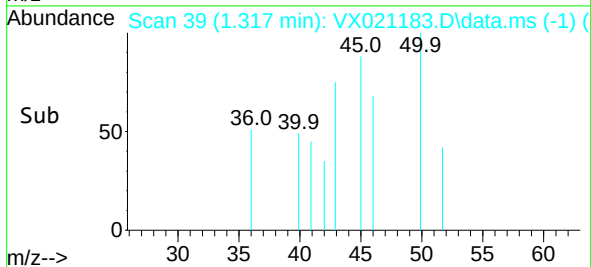
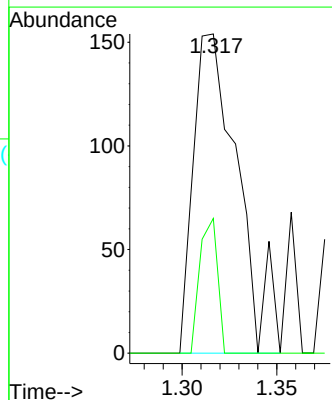
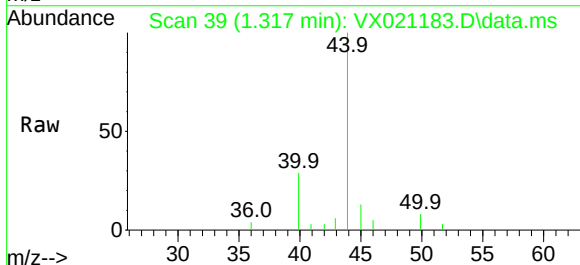
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

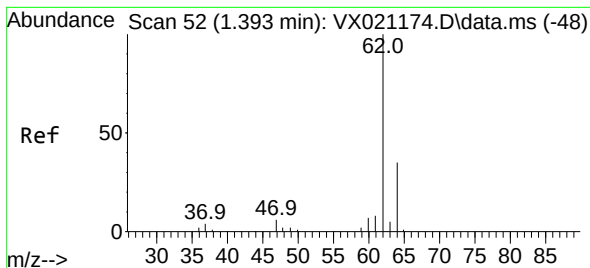
Tgt Ion:128 Resp: 14485
Ion Ratio Lower Upper
128 100
49 185.9 0.0 367.5
130 128.3 0.0 318.8



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 42.2 26.9 40.3#

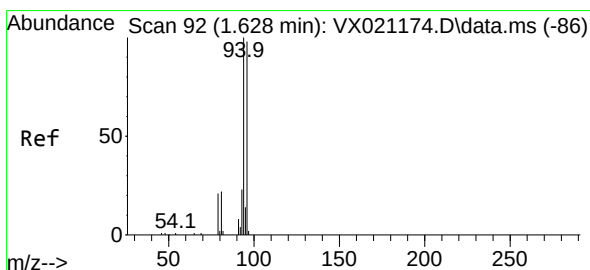
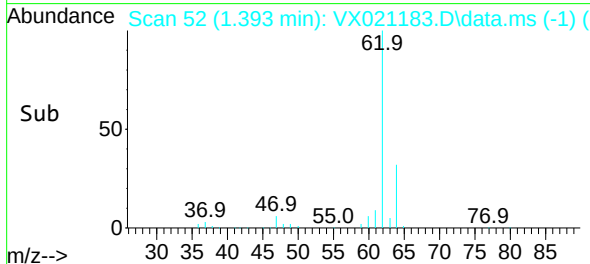
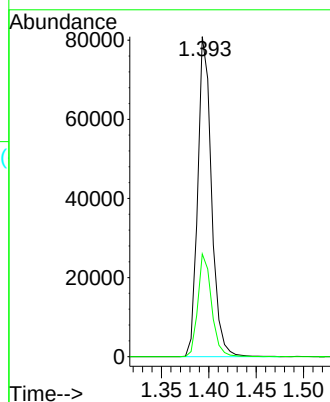
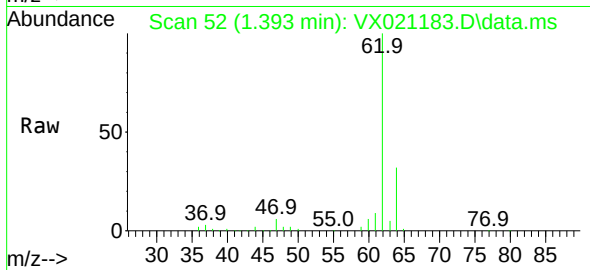




#4
 Vinyl Chloride
 Concen: 83.11 ug/l
 RT: 1.393 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VX021183.D
 Acq: 12 Mar 2021 16:09

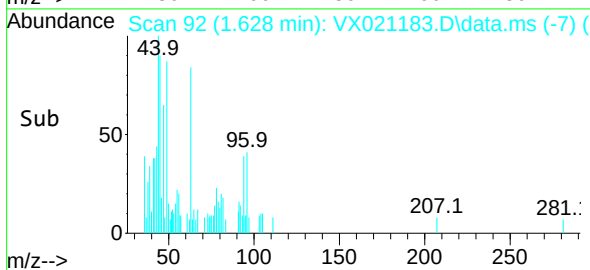
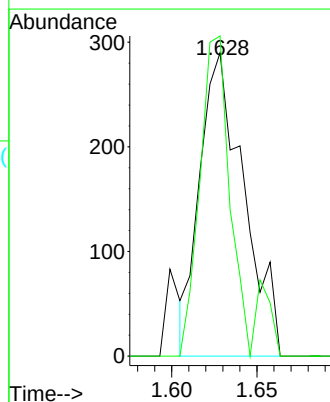
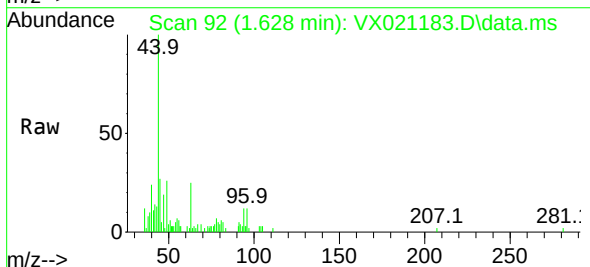
Instrument :
 MSVOA_X
 ClientSampled :
 PT-VOA-WP

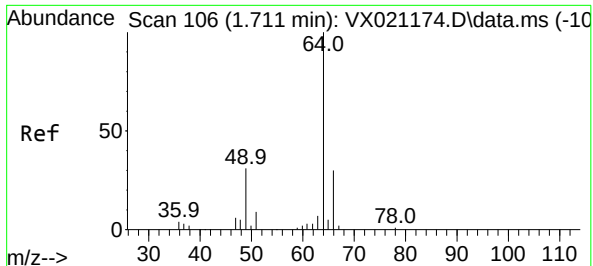
Tgt Ion: 62 Resp: 82162
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.4 38.2



#5
 Bromomethane
 Concen: 0.88 ug/l
 RT: 1.628 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: VX021183.D
 Acq: 12 Mar 2021 16:09

Tgt Ion: 94 Resp: 519
 Ion Ratio Lower Upper
 94 100
 96 105.5 76.6 114.8

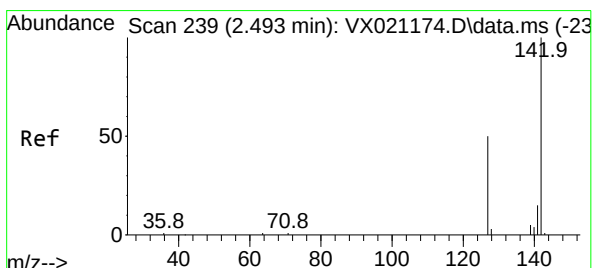
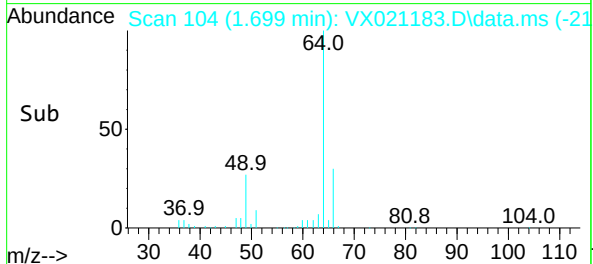
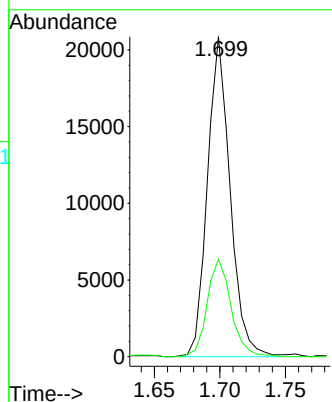
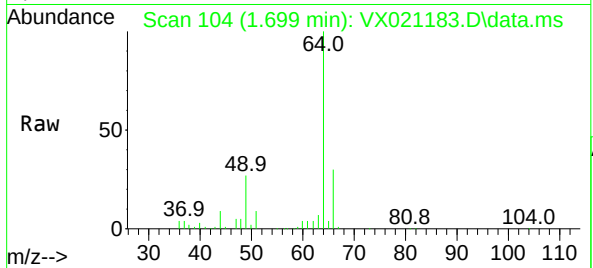




#6
Chloroethane
Concen: 41.13 ug/l
RT: 1.699 min Scan# 104
Delta R.T. -0.012 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

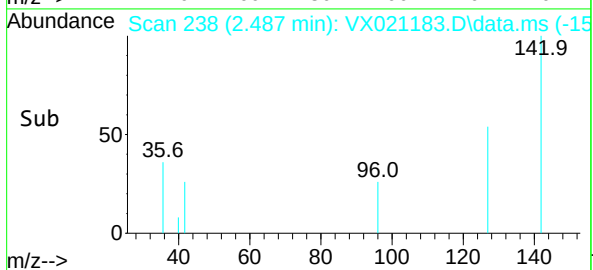
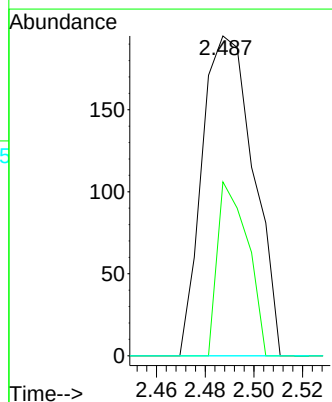
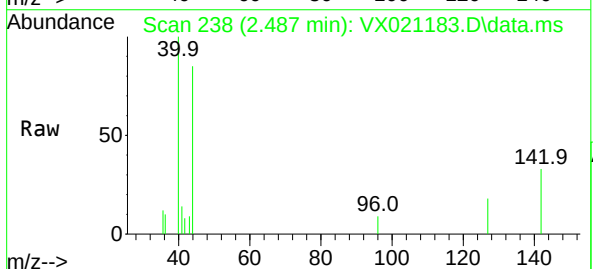
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

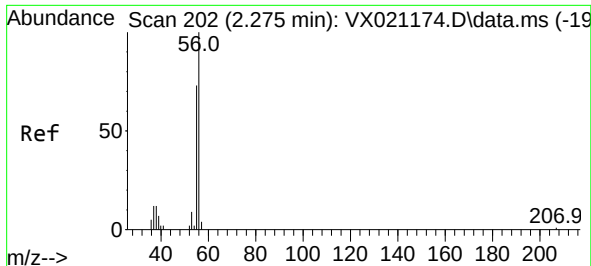
Tgt Ion: 64 Resp: 25114
Ion Ratio Lower Upper
64 100
66 30.5 27.4 41.2



#11
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.487 min Scan# 238
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

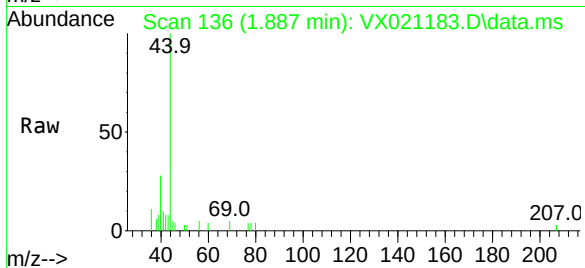
Tgt Ion: 142 Resp: 286
Ion Ratio Lower Upper
142 100
127 54.4 21.4 64.2
141 0.0 6.5 19.4#



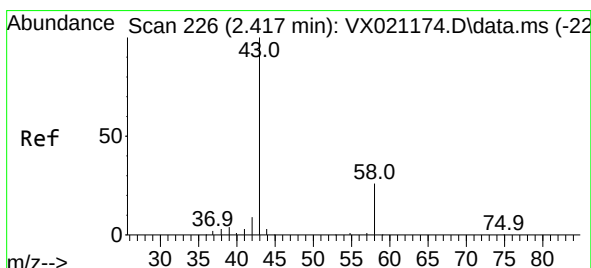
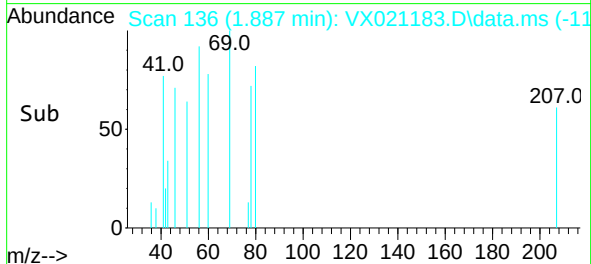
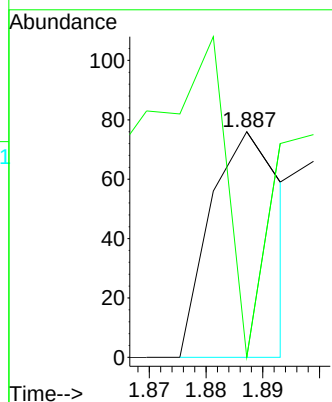


#13
Acrolein
Concen: 0.39 ug/l
RT: 1.887 min Scan# 136
Delta R.T. -0.388 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

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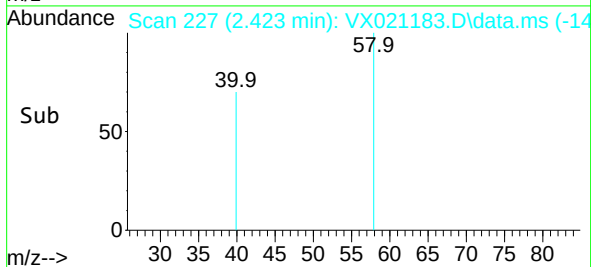
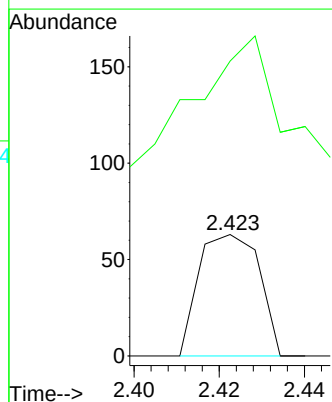
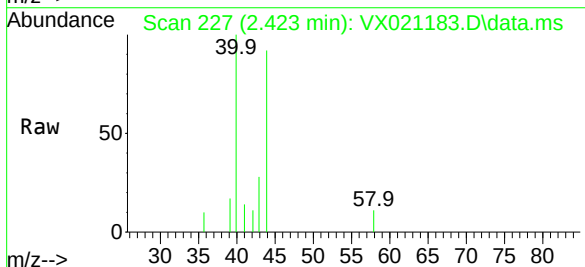


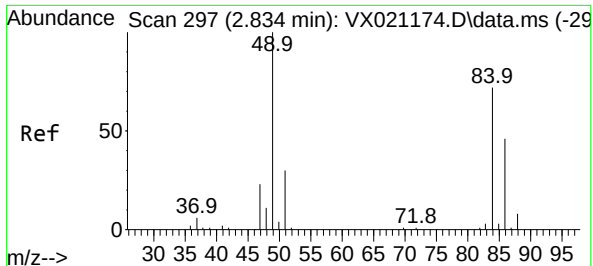
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 56.7 56.3 84.5



#15
Acetone
Concen: 0.45 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 58 Resp: 62
Ion Ratio Lower Upper
58 100
43 58.7 232.6 348.8#





#18

Methylene Chloride

Concen: 53.21 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

Tgt Ion: 84 Resp: 51853

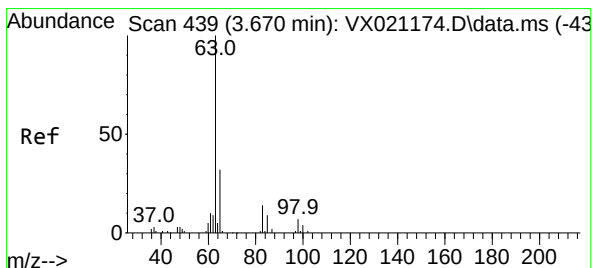
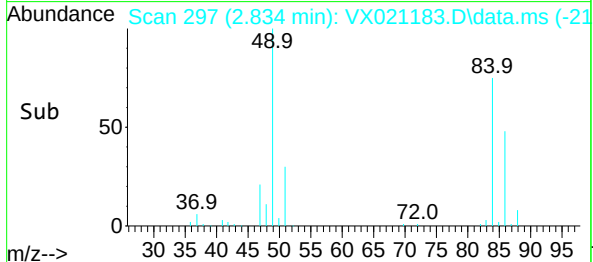
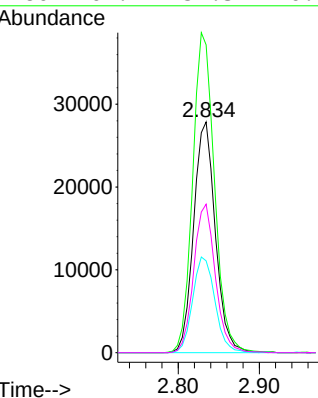
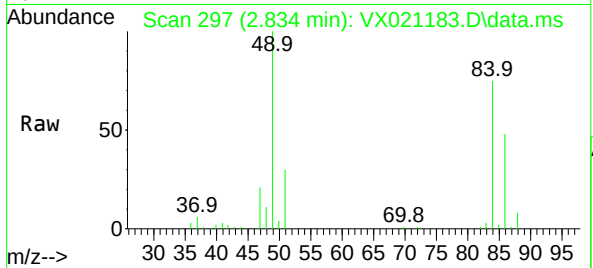
Ion Ratio Lower Upper

84 100

49 133.3 90.6 136.0

51 39.8 26.3 39.5#

86 64.4 51.3 76.9



#21

1,1-Dichloroethane

Concen: 27.94 ug/l

RT: 3.664 min Scan# 438

Delta R.T. -0.006 min

Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

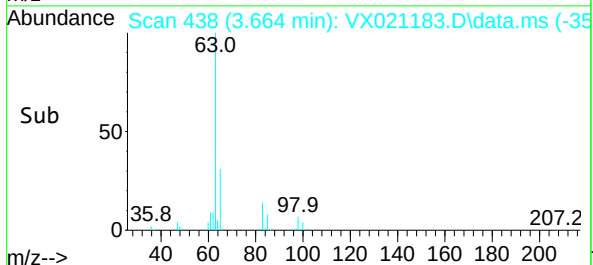
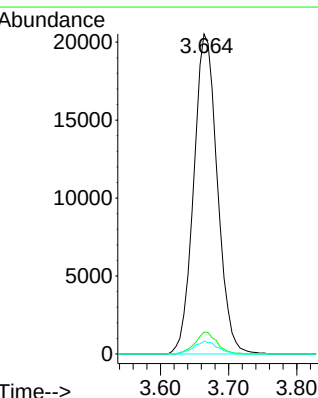
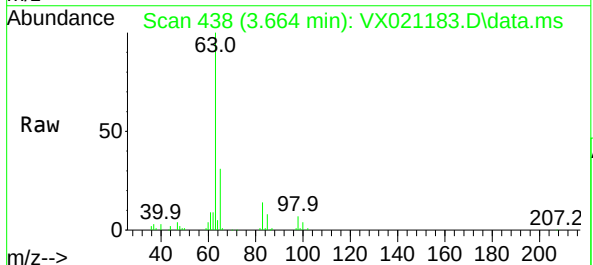
Tgt Ion: 63 Resp: 49468

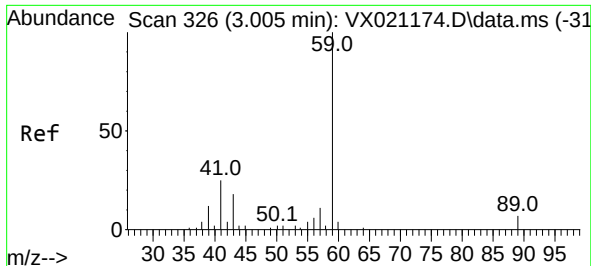
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.0 2.5 7.4

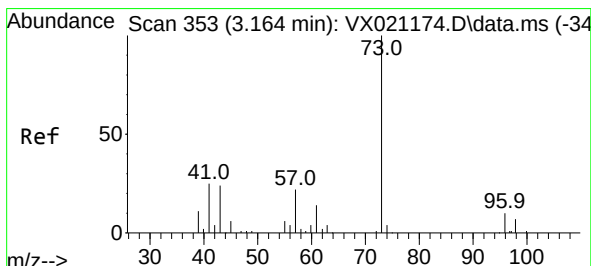
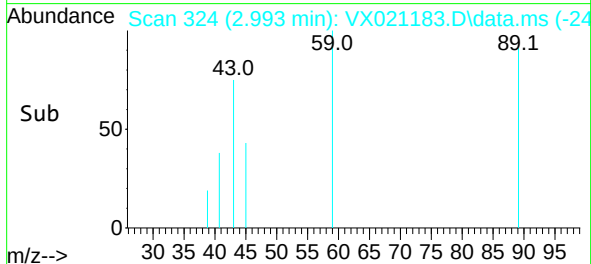
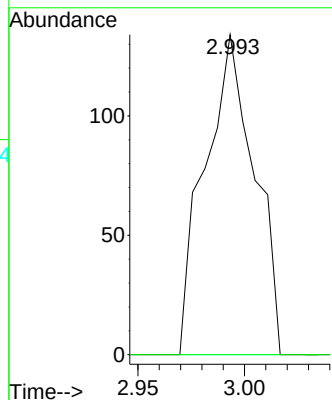
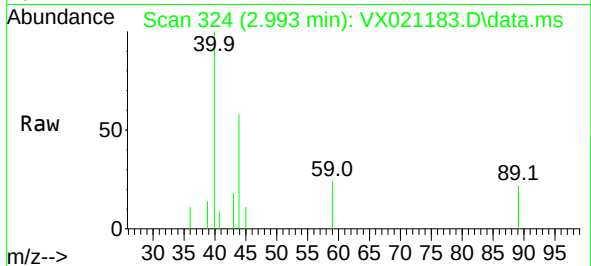




#23
tert-Butyl Alcohol
Concen: 0.95 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.012 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

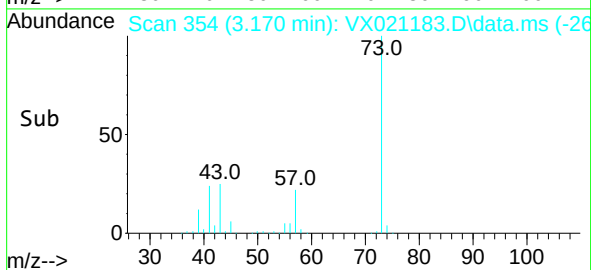
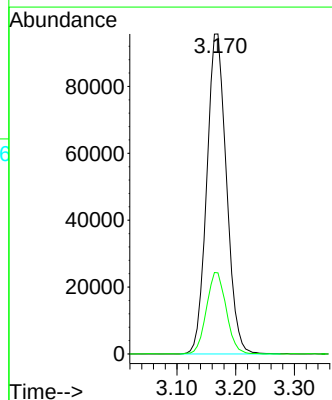
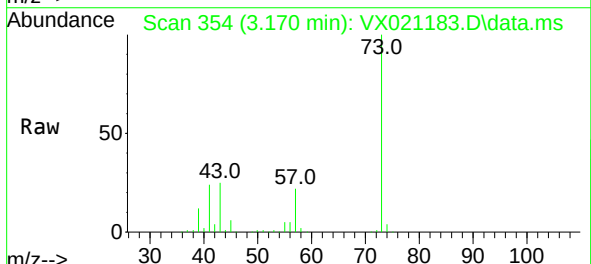
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

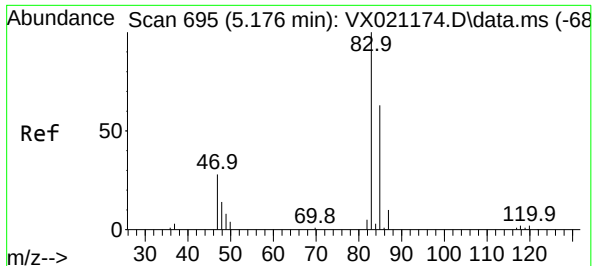
Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
52 127.3 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 72.66 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 73 Resp: 222741
Ion Ratio Lower Upper
73 100
43 25.6 14.9 22.3#

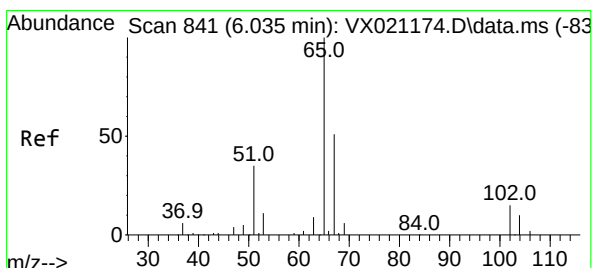
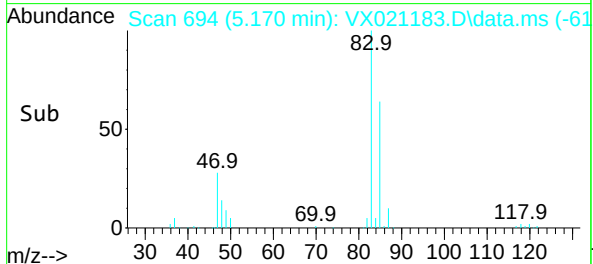
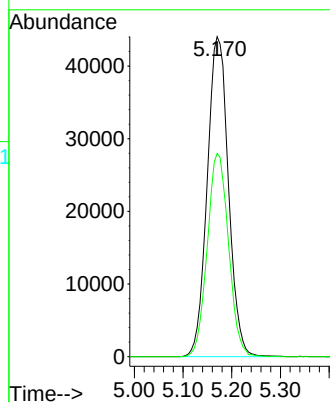
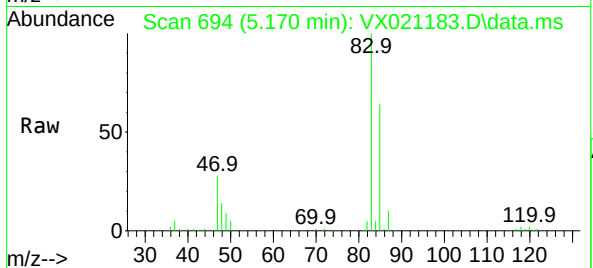




#25
Chloroform
Concen: 72.24 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

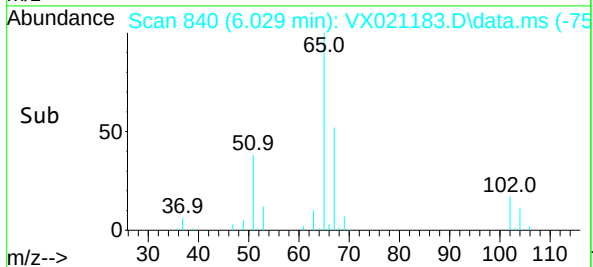
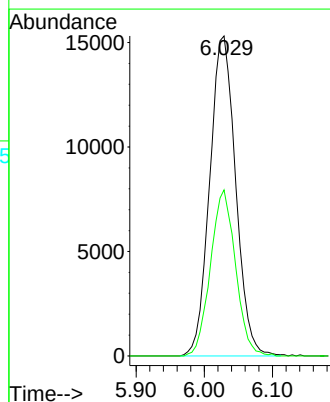
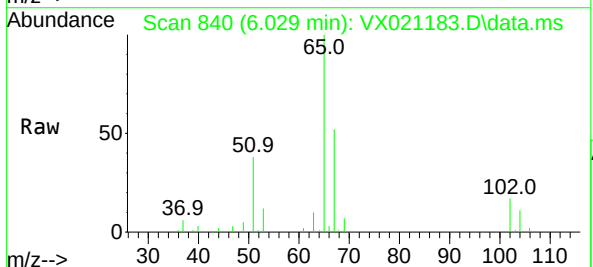
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

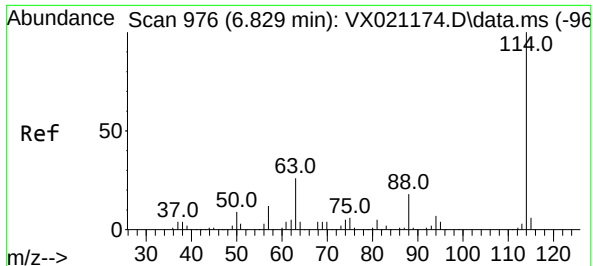
Tgt Ion: 83 Resp: 133315
Ion Ratio Lower Upper
83 100
85 63.5 51.2 76.8



#27
1,2-Dichloroethane-d4
Concen: 30.46 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 65 Resp: 40613
Ion Ratio Lower Upper
65 100
67 49.9 41.9 62.9

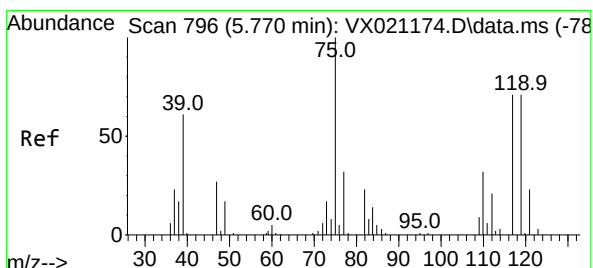
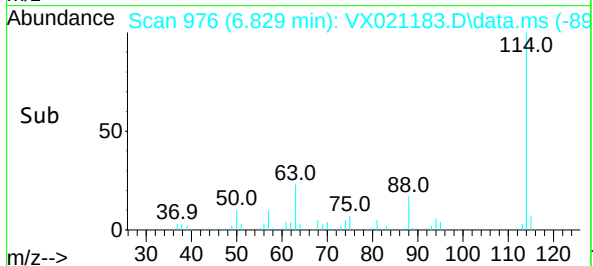
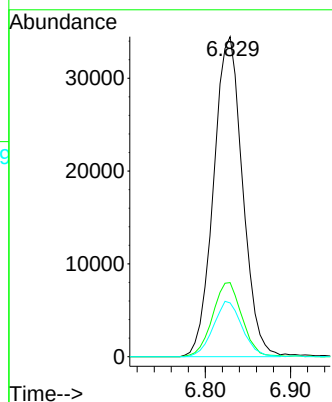
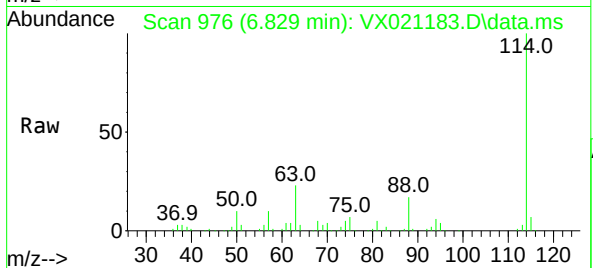




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

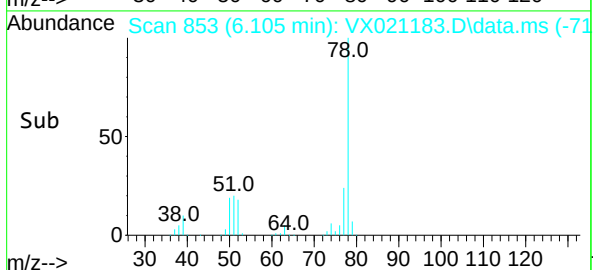
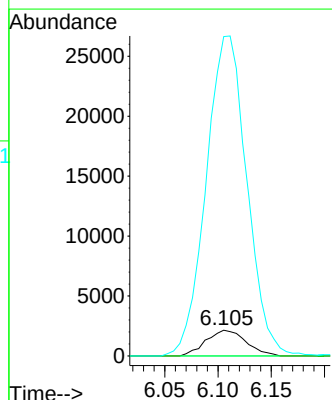
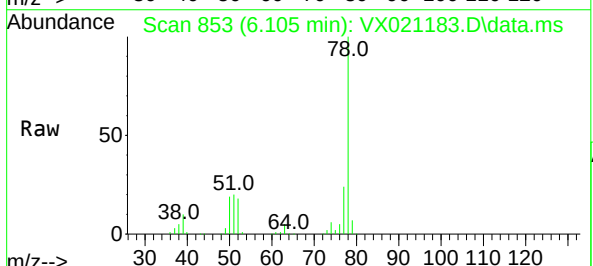
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

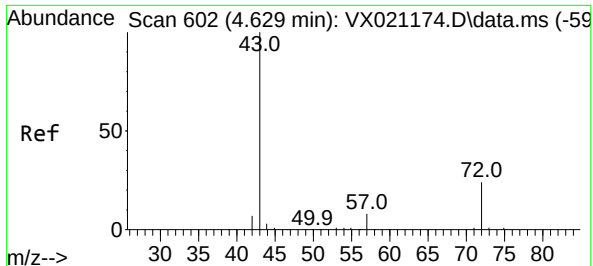
Tgt Ion:114 Resp: 81472
Ion Ratio Lower Upper
114 100
63 23.5 16.2 24.2
88 17.2 13.0 19.6



#29
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 6.105 min Scan# 853
Delta R.T. 0.335 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
110 0.0 0.0 72.4
77 1264.1 0.0 62.4#

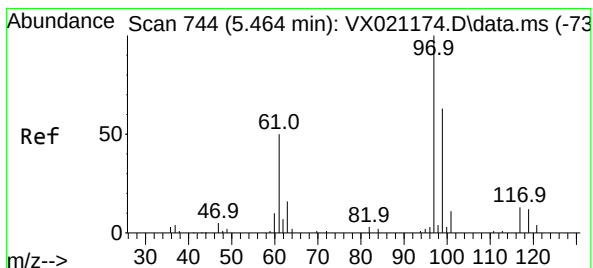
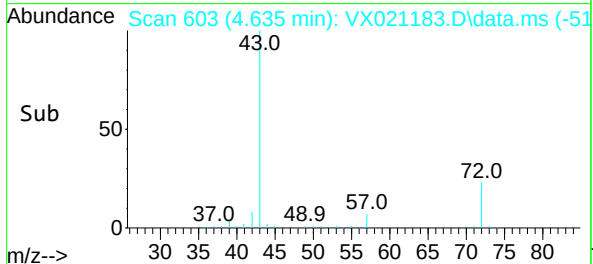
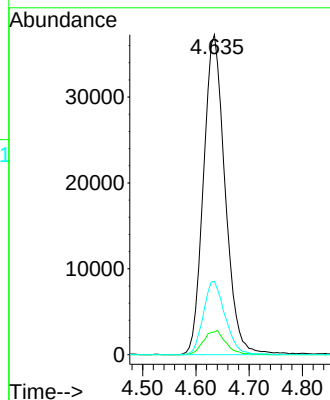
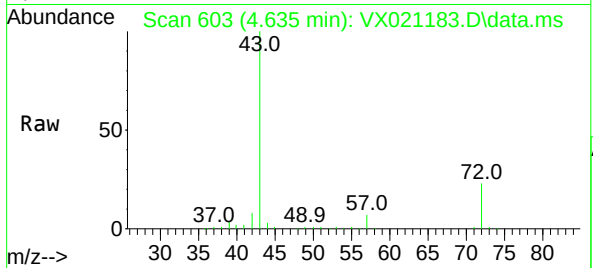




#30
2-Butanone
Concen: 138.26 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

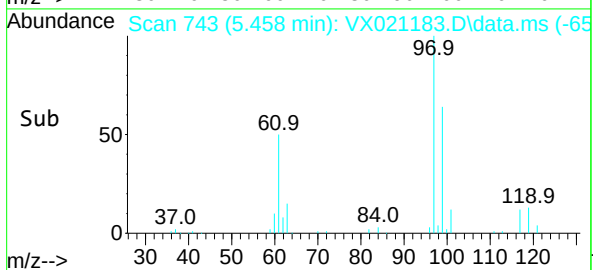
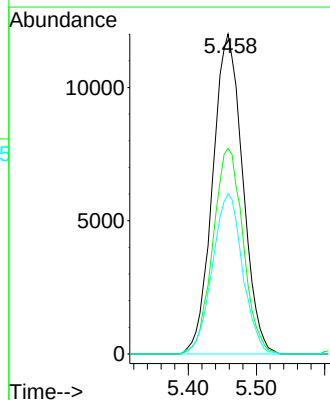
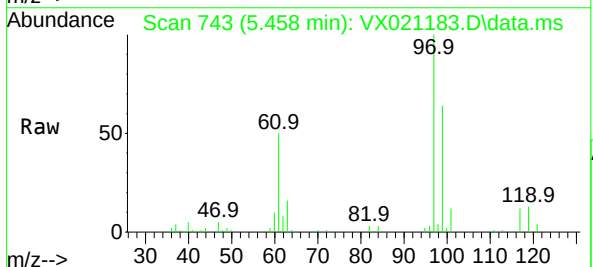
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

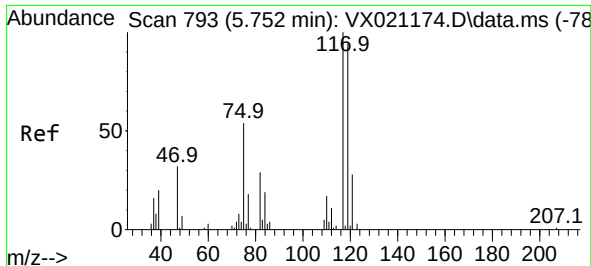
Tgt Ion: 43 Resp: 104942
Ion Ratio Lower Upper
43 100
57 7.8 7.2 10.8
72 23.0 23.7 35.5#



#32
1,1,1-Trichloroethane
Concen: 22.22 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

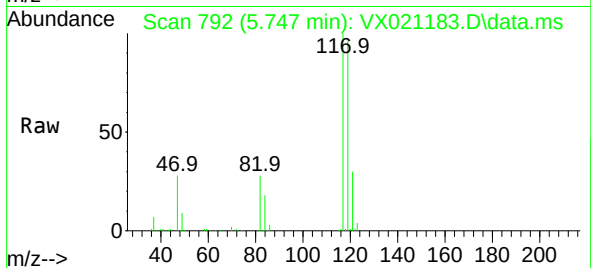
Tgt Ion: 97 Resp: 36815
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 50.3 34.3 51.5



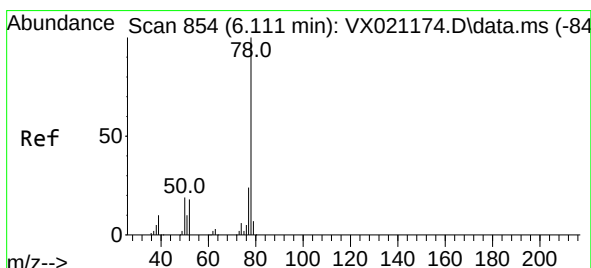
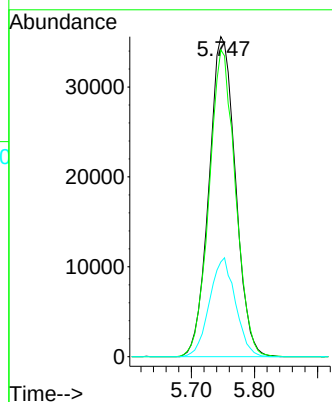
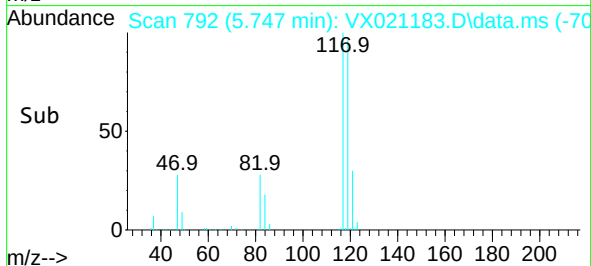


#33
Carbon Tetrachloride
Concen: 71.44 ug/l
RT: 5.747 min Scan# 792
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

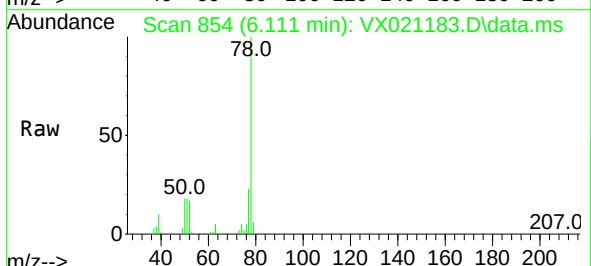
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP



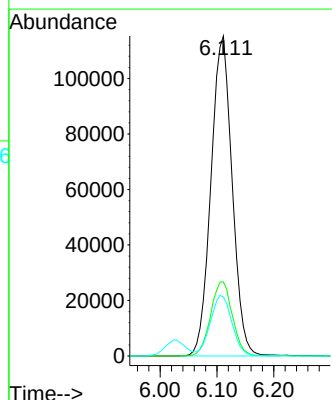
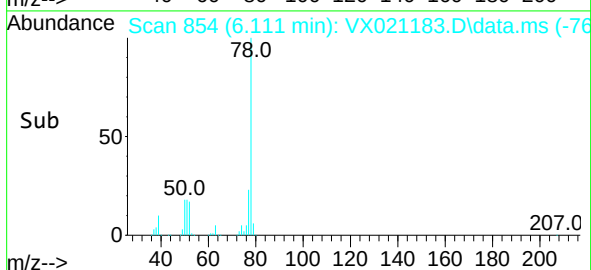
Tgt Ion:117 Resp: 103794
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 29.6 24.1 36.1

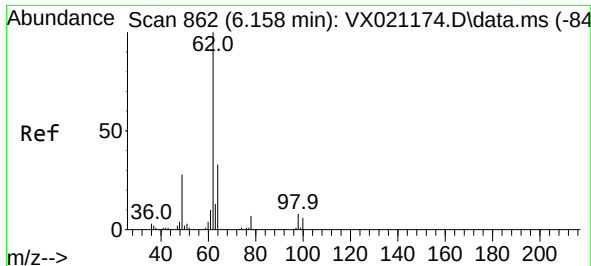


#34
Benzene
Concen: 76.73 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09



Tgt Ion: 78 Resp: 298586
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4
51 18.4 12.5 18.7

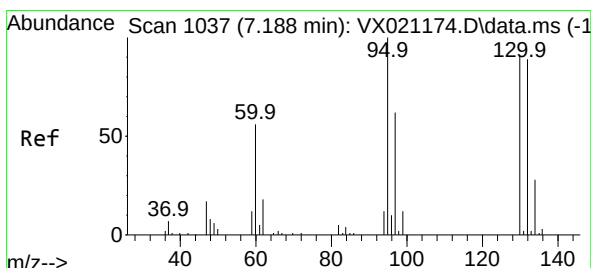
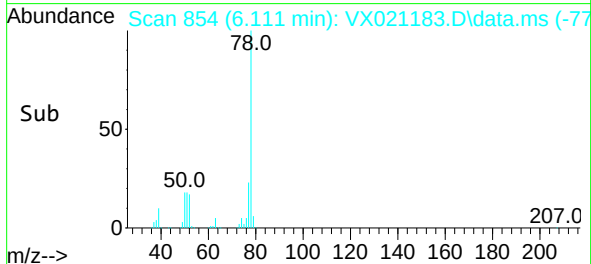
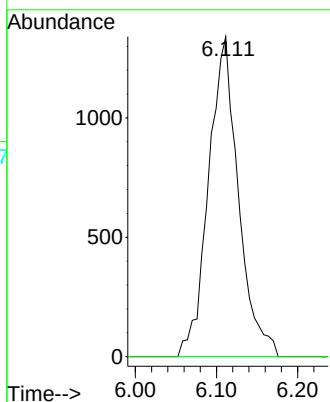
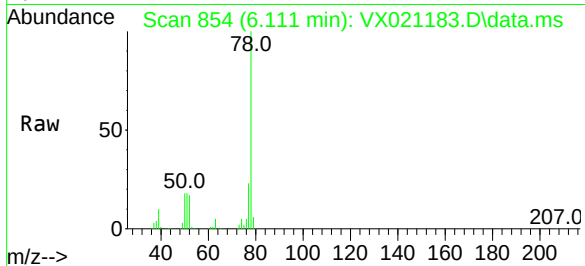




#36
1,2-Dichloroethane
Concen: 2.05 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.047 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

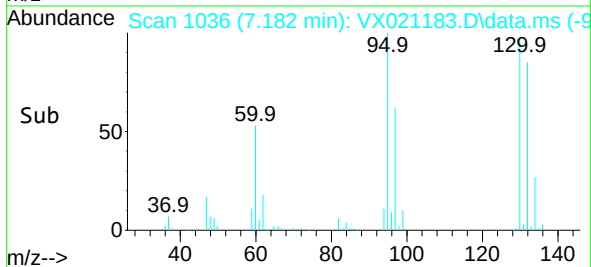
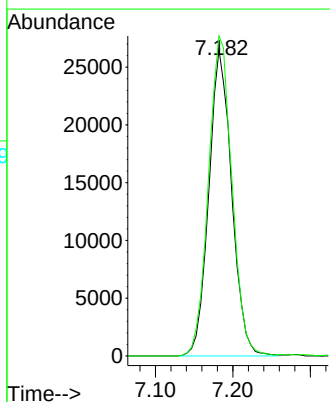
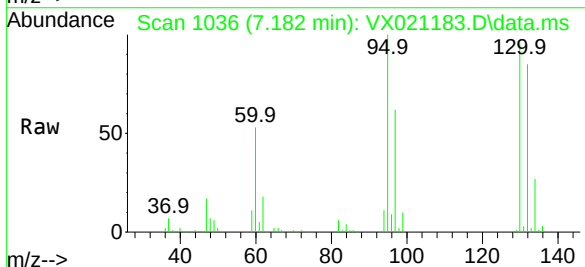
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

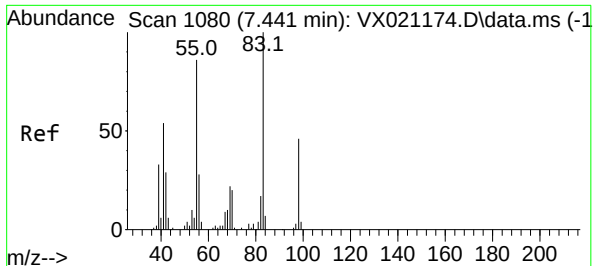
Tgt Ion: 62 Resp: 3436
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#37
Trichloroethene
Concen: 53.41 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 130 Resp: 54458
Ion Ratio Lower Upper
130 100
95 104.5 80.2 120.4

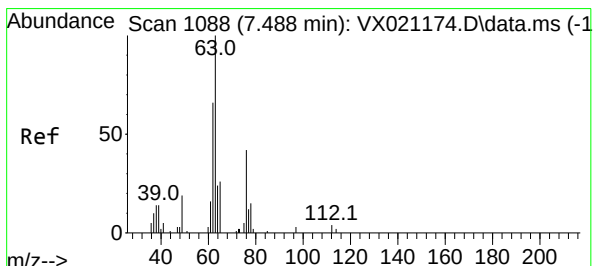
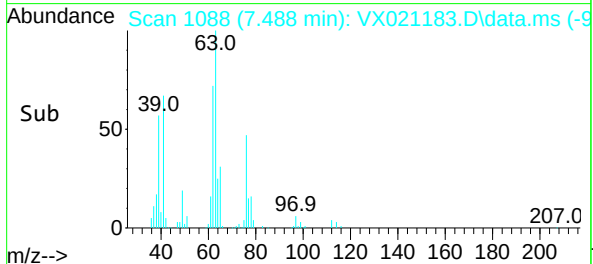
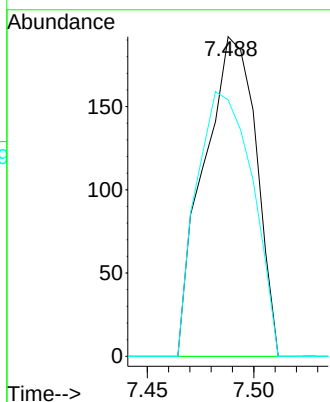
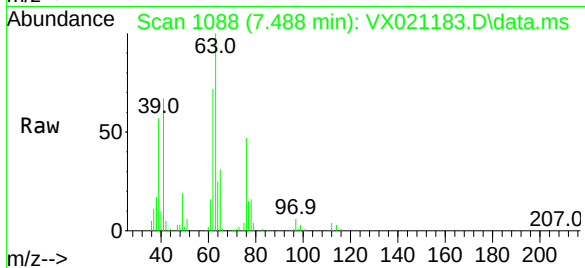




#38
Methylcyclohexane
Concen: 0.21 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.047 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

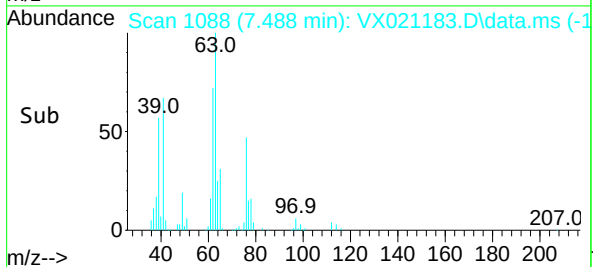
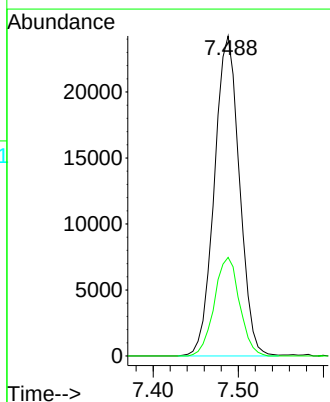
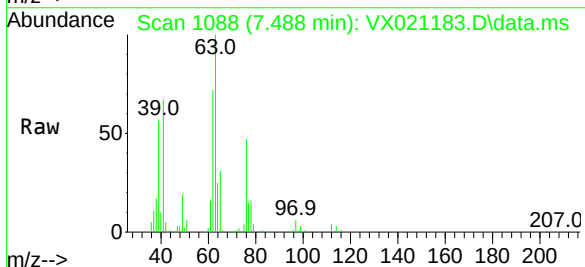
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

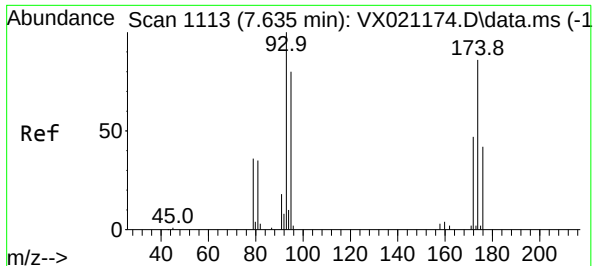
Tgt Ion: 83 Resp: 327
Ion Ratio Lower Upper
83 100
55 11.0 37.4 112.1#
98 88.7 24.7 74.1#



#39
1,2-Dichloropropane
Concen: 47.00 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 63 Resp: 49597
Ion Ratio Lower Upper
63 100
65 30.8 25.6 38.4





#40

Dibromomethane

Concen: 90.36 ug/l

RT: 7.635 min Scan# 1113

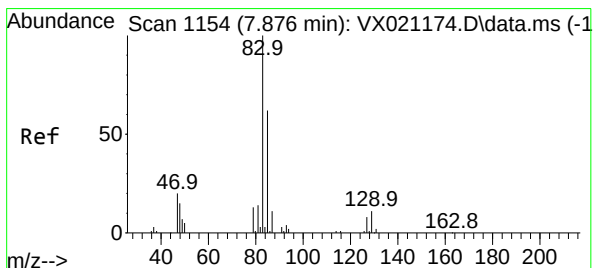
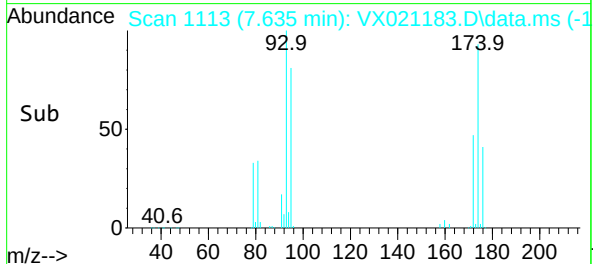
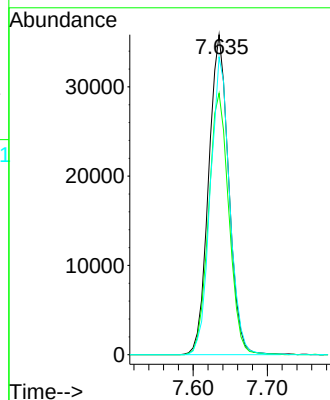
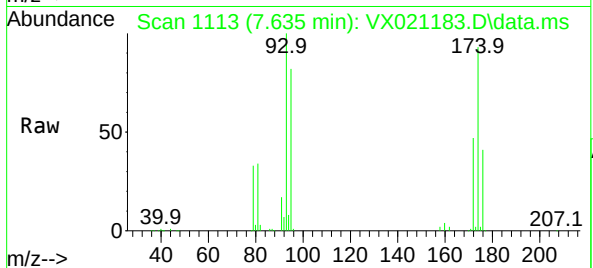
Delta R.T. 0.000 min

Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

Tgt Ion:	93	Resp:	67541
Ion	Ratio	Lower	Upper
93	100		
95	82.3	0.0	167.4
174	89.3	0.0	211.8

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP



#41

Bromodichloromethane

Concen: 0.21 ug/l

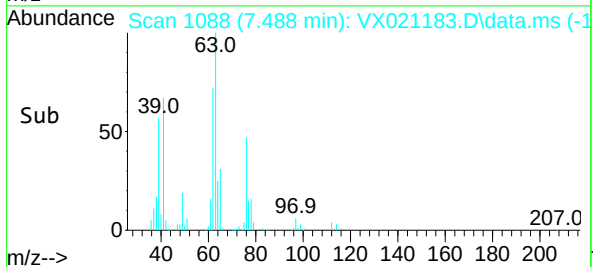
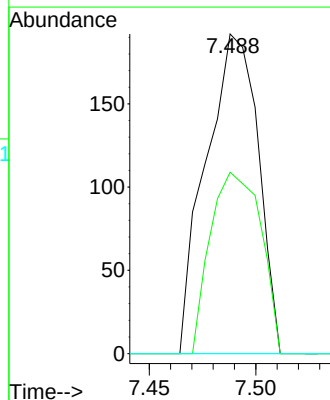
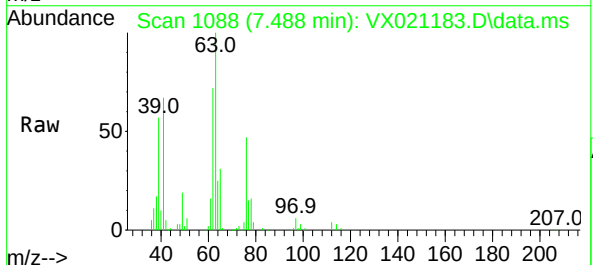
RT: 7.488 min Scan# 1088

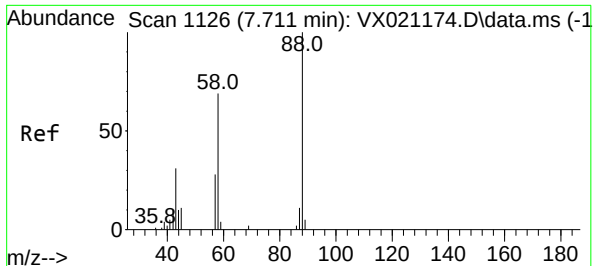
Delta R.T. -0.388 min

Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

Tgt Ion:	83	Resp:	327
Ion	Ratio	Lower	Upper
83	100		
85	56.8	51.4	77.0
127	0.0	7.1	10.7#

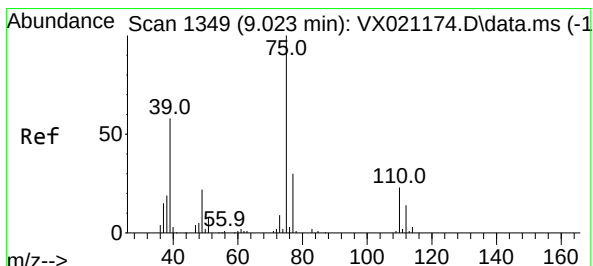
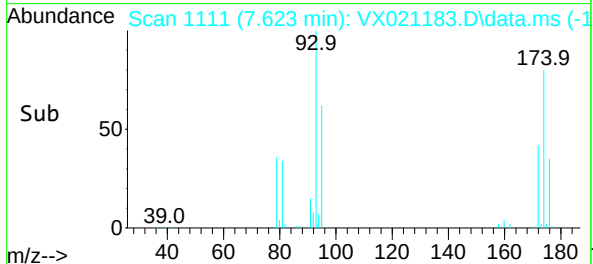
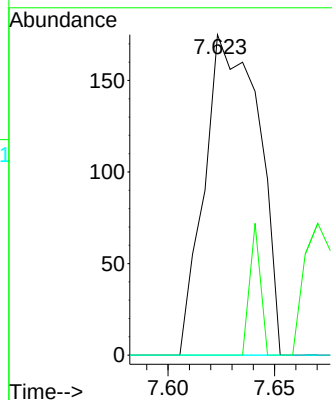
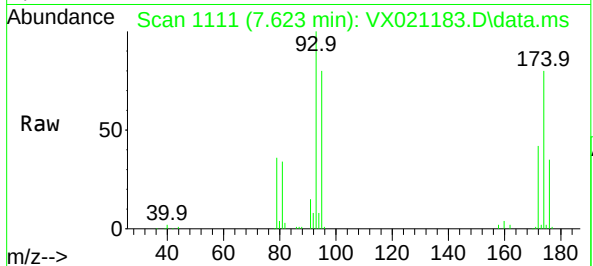




#45
1,4-Dioxane
Concen: 13.14 ug/l
RT: 7.623 min Scan# 1111
Delta R.T. -0.088 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

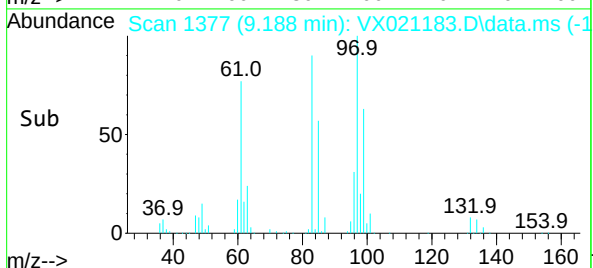
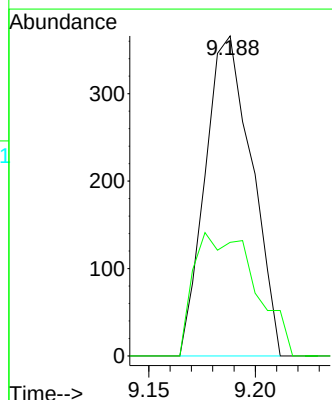
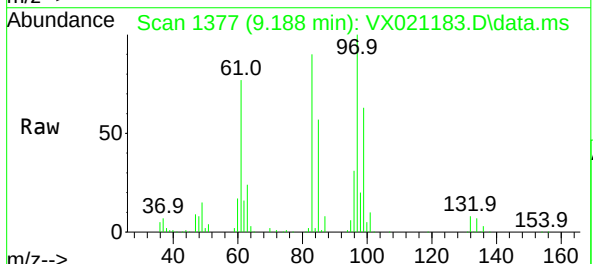
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

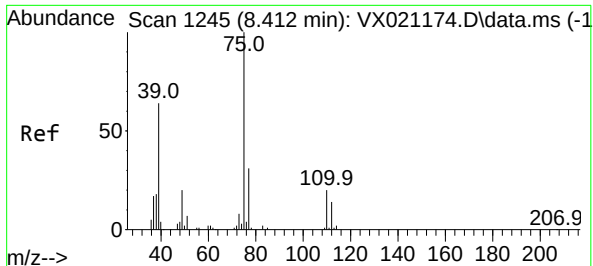
Tgt Ion: 88 Resp: 309
Ion Ratio Lower Upper
88 100
43 21.0 22.2 33.2#
58 0.0 53.9 80.9#



#48
t-1,3-Dichloropropene
Concen: 0.35 ug/l
RT: 9.188 min Scan# 1377
Delta R.T. 0.165 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 75 Resp: 556
Ion Ratio Lower Upper
75 100
77 35.5 25.0 37.6

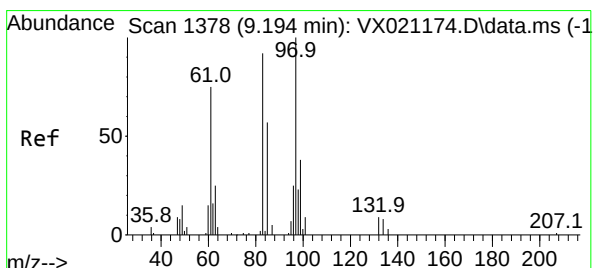
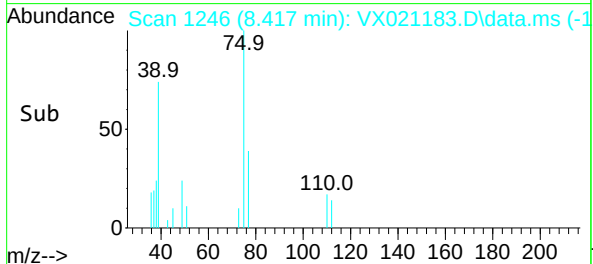
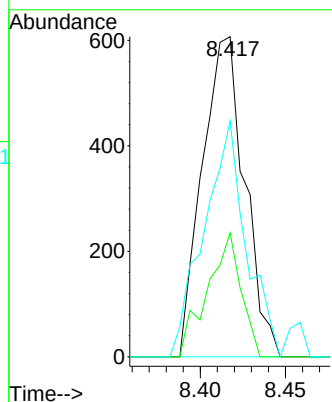
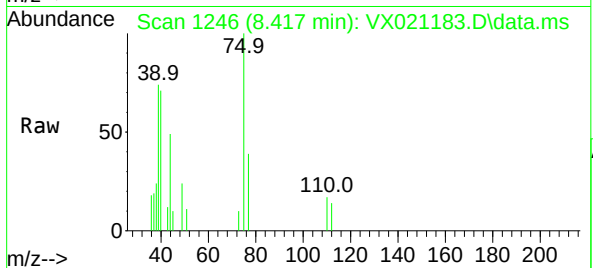




#49
cis-1,3-Dichloropropene
Concen: 0.61 ug/l
RT: 8.417 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

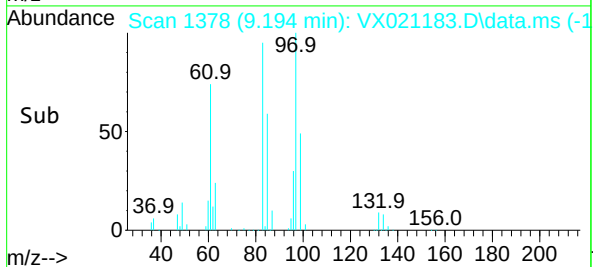
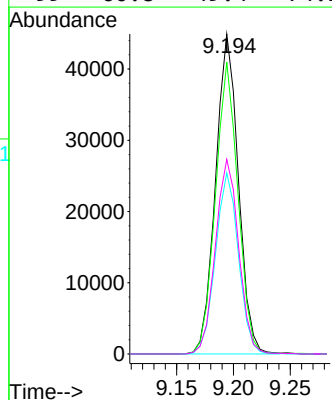
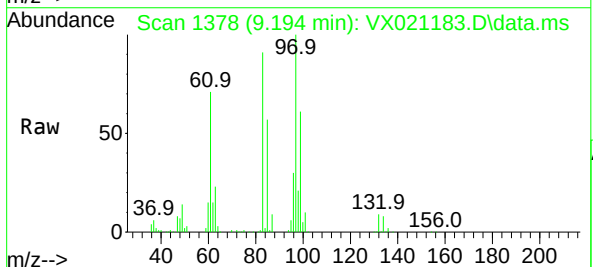
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

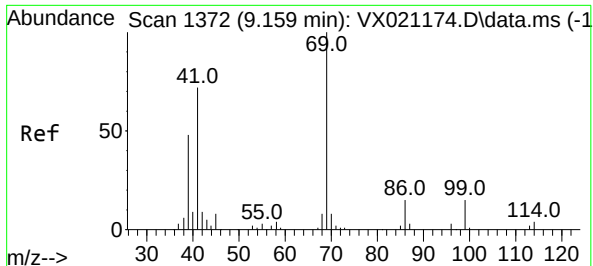
Tgt Ion: 75	Resp: 1051
Ion Ratio	Lower Upper
75 100	
77 38.7	24.4 36.6#
39 73.6	35.4 53.0#



#50
1,1,2-Trichloroethane
Concen: 62.86 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 97	Resp: 62804
Ion Ratio	Lower Upper
97 100	
83 91.2	68.5 102.7
85 56.6	43.8 65.6
99 60.8	49.4 74.2





#51

Ethyl methacrylate

Concen: 0.33 ug/l

RT: 8.700 min Scan# 1294

Delta R.T. -0.459 min

Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

Tgt Ion: 69 Resp: 528

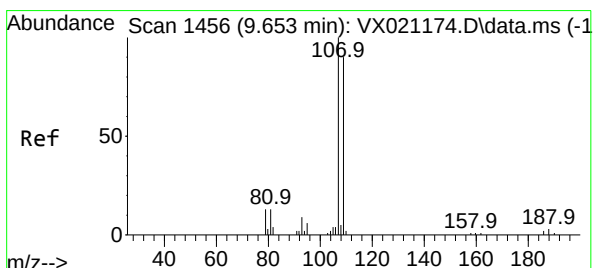
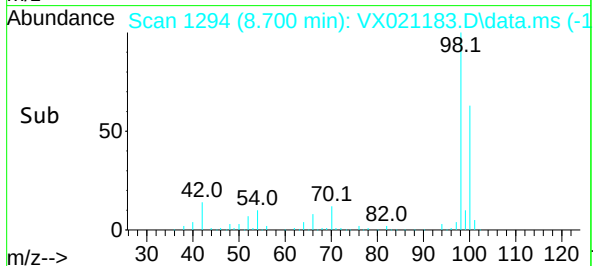
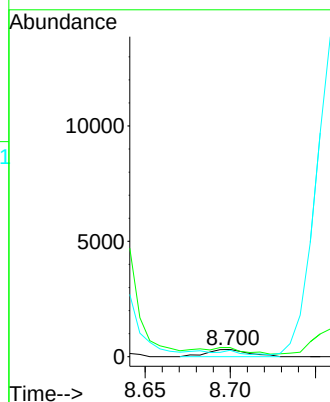
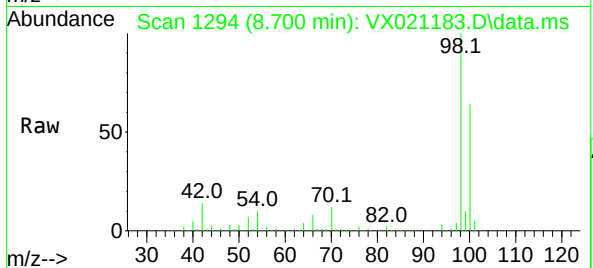
Ion	Ratio	Lower	Upper
69	100		
41	87.1	29.1	87.4
39	41.6	15.4	46.1

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP



#54

1,2-Dibromoethane

Concen: 105.65 ug/l

RT: 9.653 min Scan# 1456

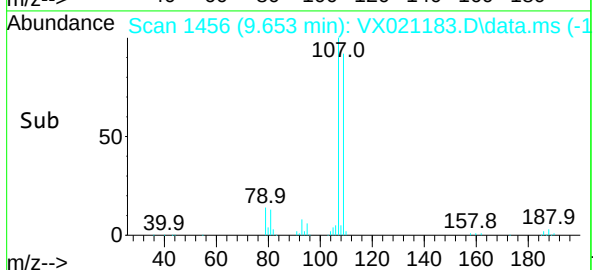
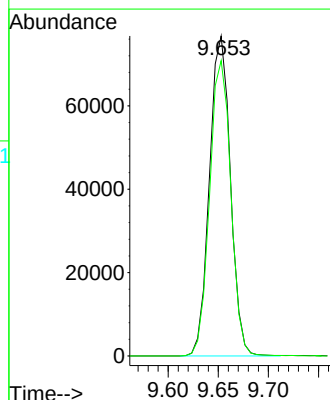
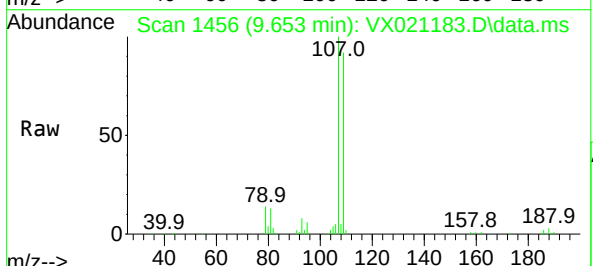
Delta R.T. -0.000 min

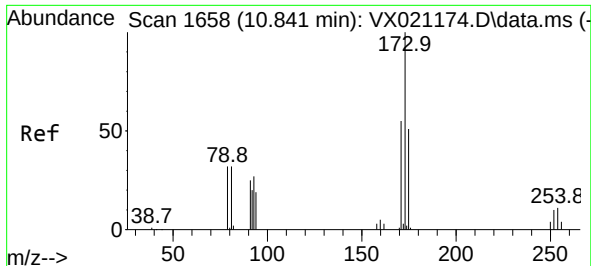
Lab File: VX021183.D

Acq: 12 Mar 2021 16:09

Tgt Ion: 107 Resp: 111654

Ion	Ratio	Lower	Upper
107	100		
109	93.4	73.6	110.4

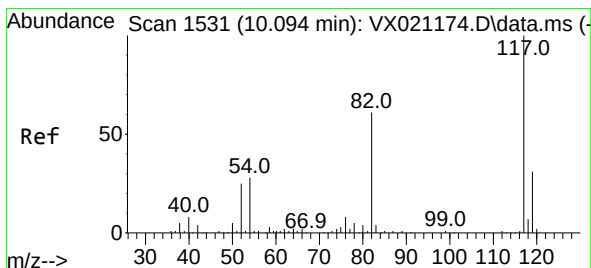
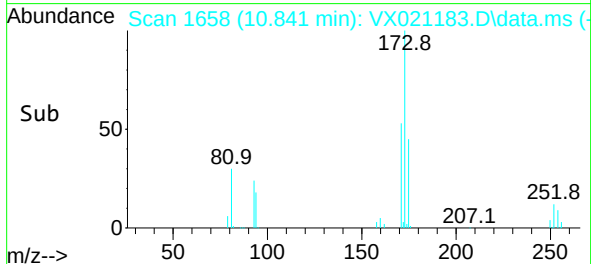
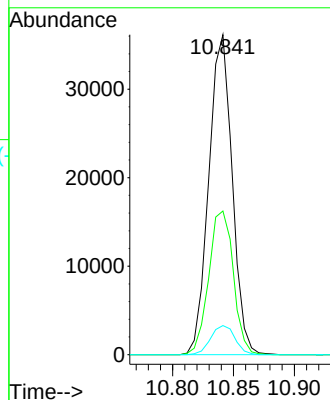
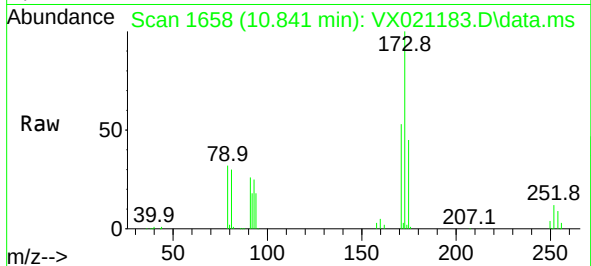




#56
Bromoform
Concen: 59.29 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

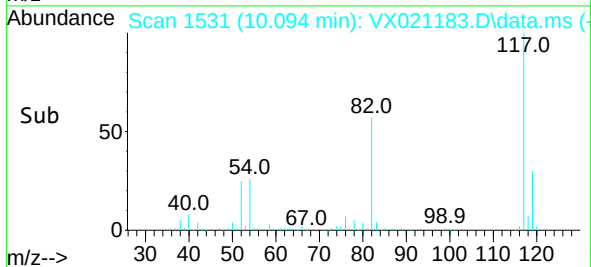
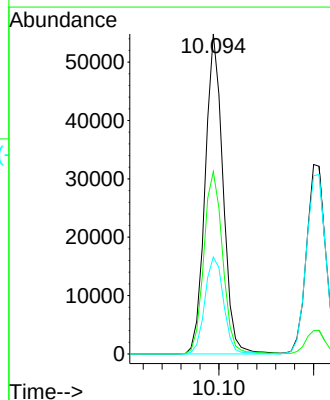
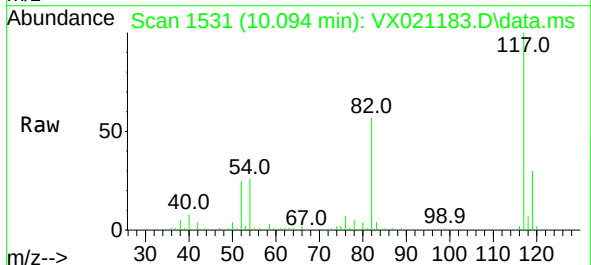
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

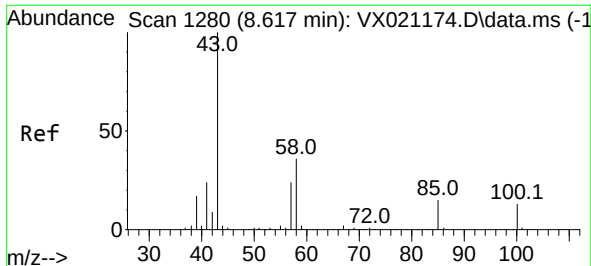
Tgt Ion:173 Resp: 48361
Ion Ratio Lower Upper
173 100
175 47.3 38.1 57.1
254 9.5 8.2 12.4



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:117 Resp: 71785
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.6
119 31.5 25.6 38.4

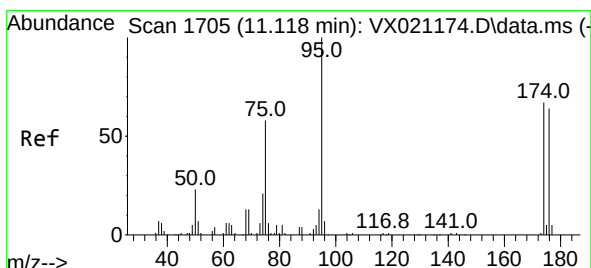
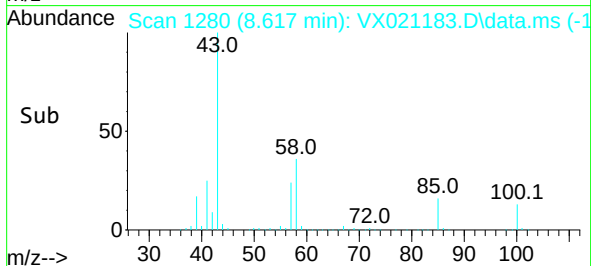
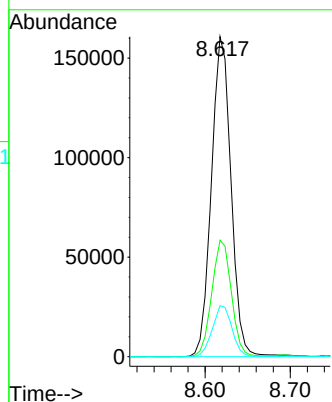
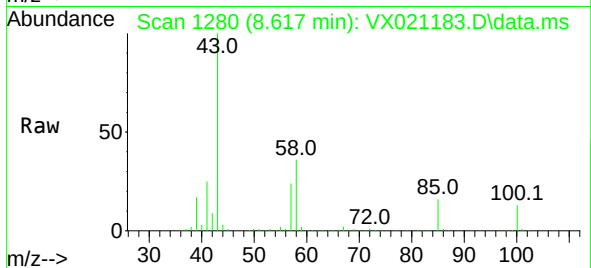




#58
4-Methyl-2-Pentanone
Concen: 176.94 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

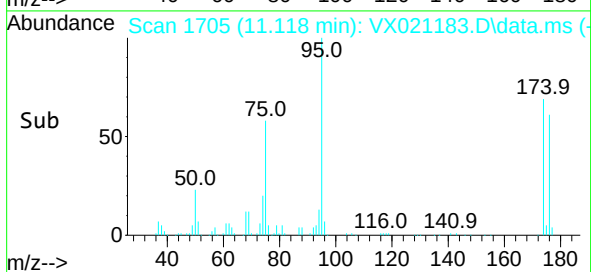
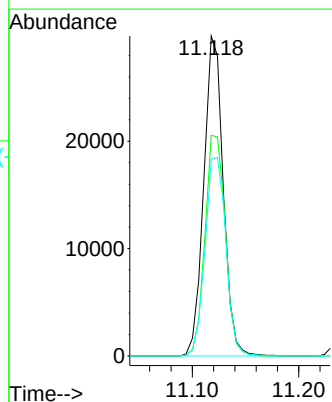
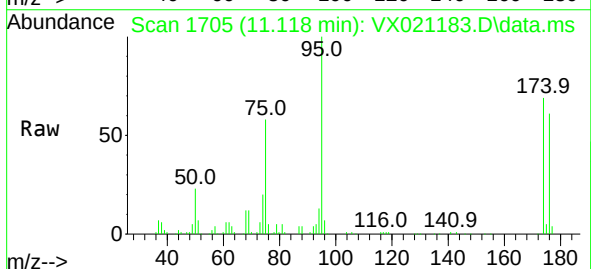
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

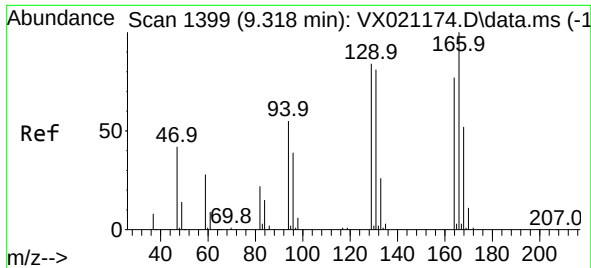
Tgt Ion: 43 Resp: 257171
Ion Ratio Lower Upper
43 100
58 36.4 35.2 52.8
85 16.0 16.8 25.2#



#60
4-Bromofluorobenzene
Concen: 28.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 95 Resp: 37890
Ion Ratio Lower Upper
95 100
174 72.2 63.0 94.4
176 66.6 59.9 89.9

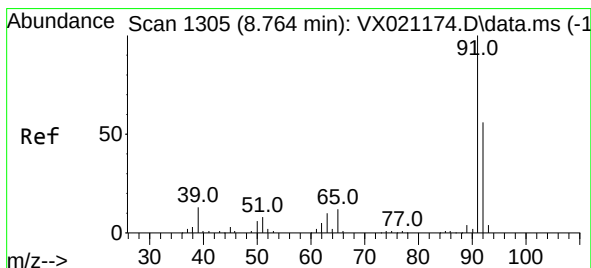
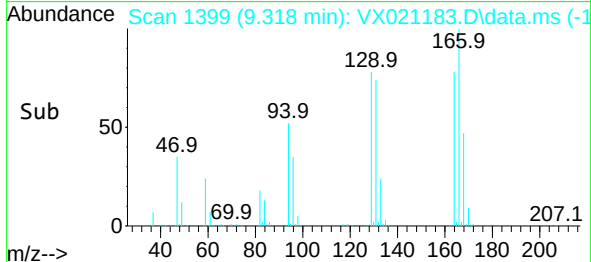
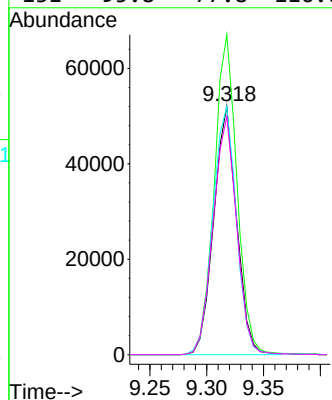
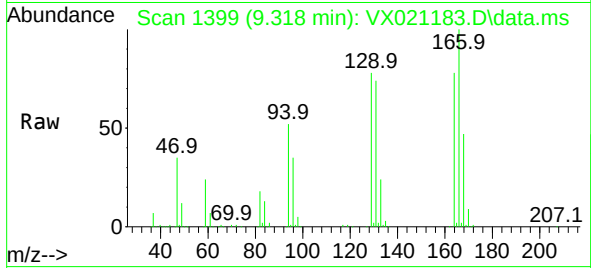




#61
Tetrachloroethene
Concen: 78.56 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

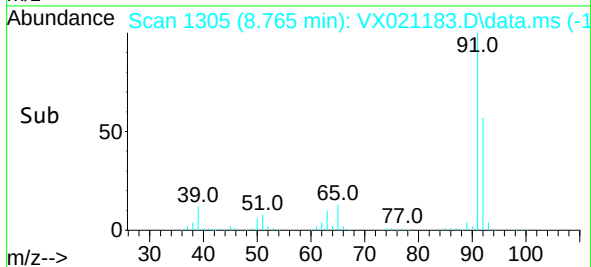
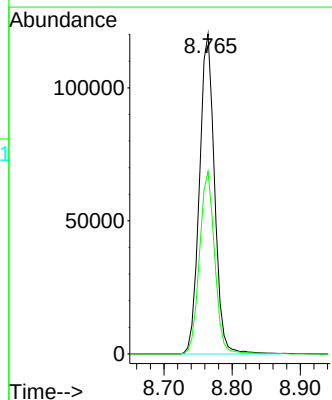
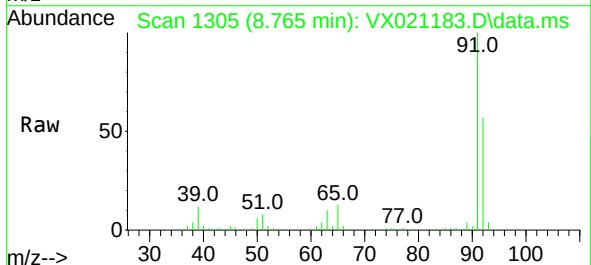
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

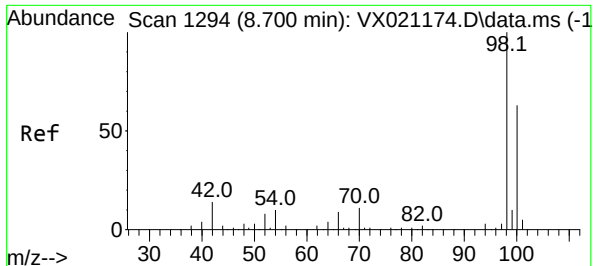
Tgt Ion:164 Resp: 73065
Ion Ratio Lower Upper
164 100
166 128.7 102.8 154.2
129 99.8 75.8 113.8
131 95.8 77.8 116.6



#62
Toluene
Concen: 46.54 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 91 Resp: 185188
Ion Ratio Lower Upper
91 100
92 57.3 47.2 70.8

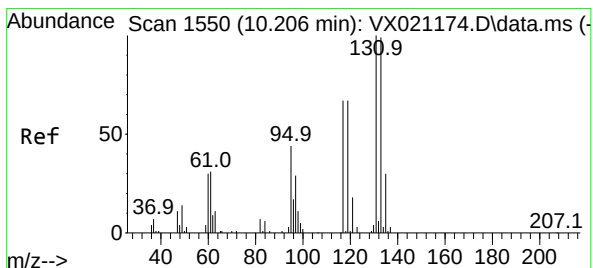
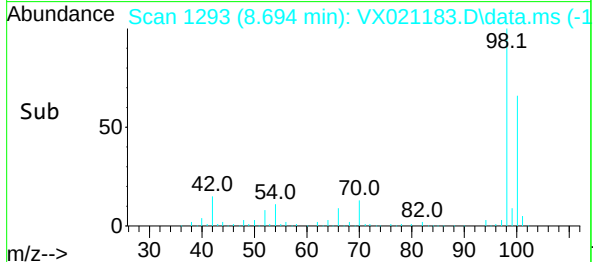
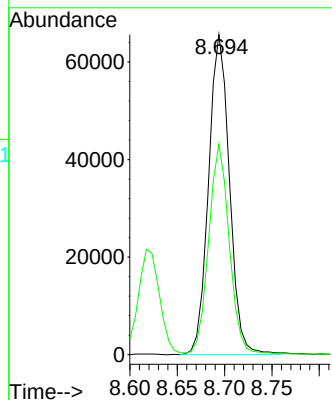
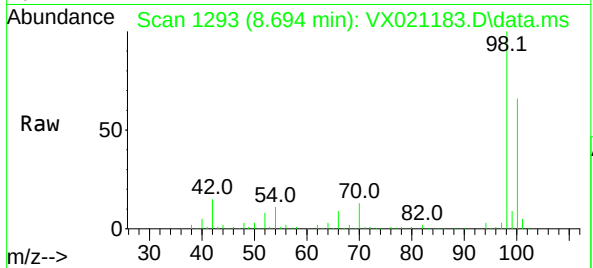




#63
Toluene-d8
Concen: 30.95 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

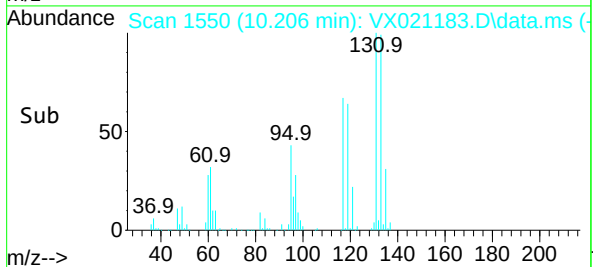
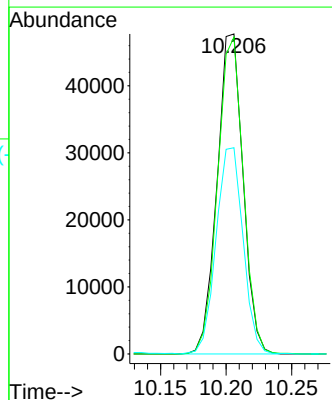
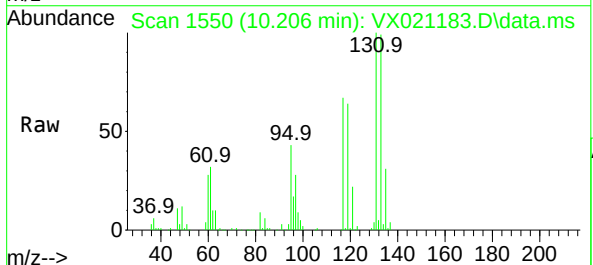
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

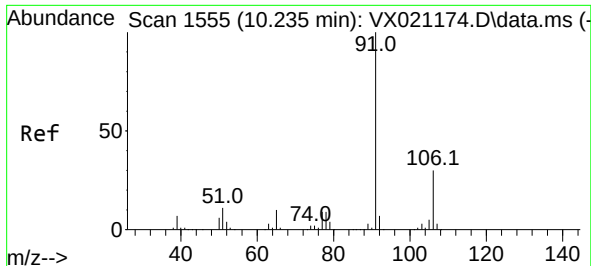
Tgt Ion: 98 Resp: 100803
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#65
1,1,1,2-Tetrachloroethane
Concen: 70.46 ug/l
RT: 10.206 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:131 Resp: 65786
Ion Ratio Lower Upper
131 100
133 97.8 0.0 189.6
119 66.8 0.0 129.0

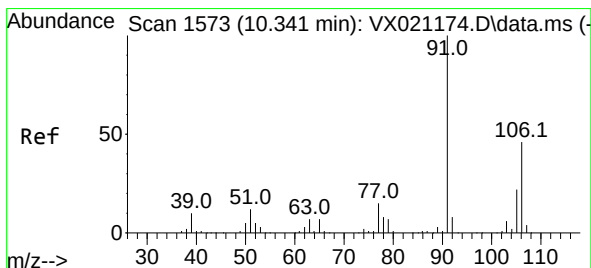
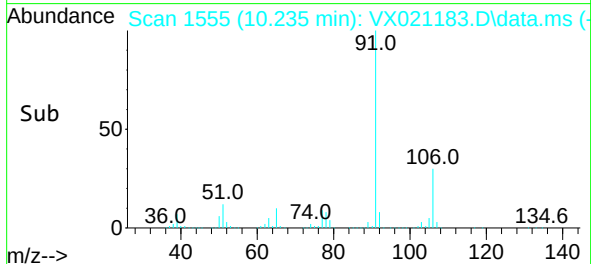
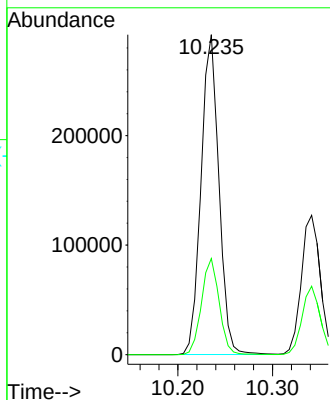
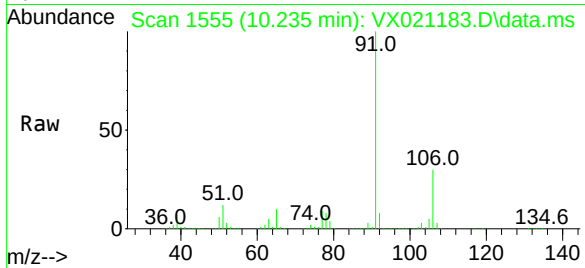




#66
Ethyl Benzene
Concen: 83.67 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

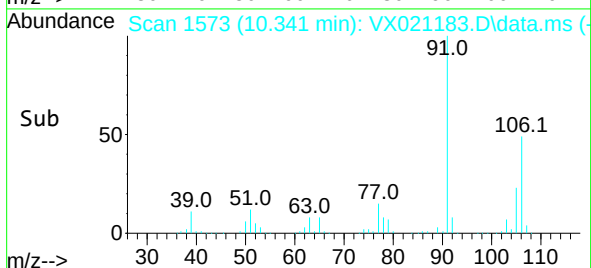
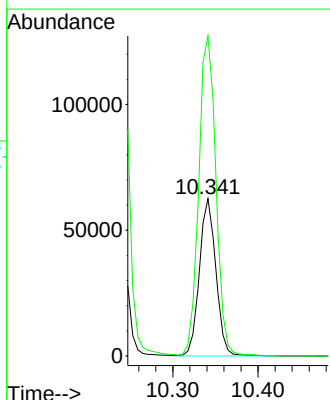
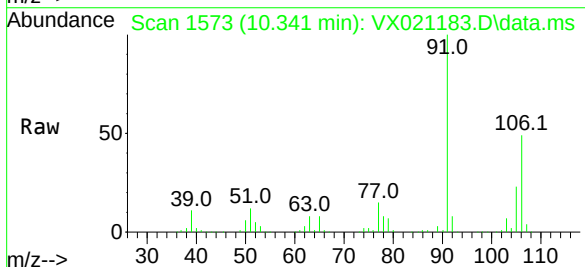
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

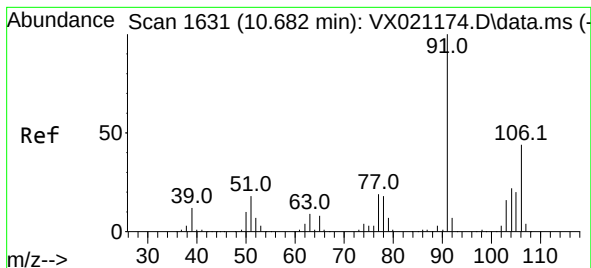
Tgt Ion: 91 Resp: 382905
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4



#67
m/p-Xylenes
Concen: 51.06 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 106 Resp: 84117
Ion Ratio Lower Upper
106 100
91 212.3 164.0 246.0

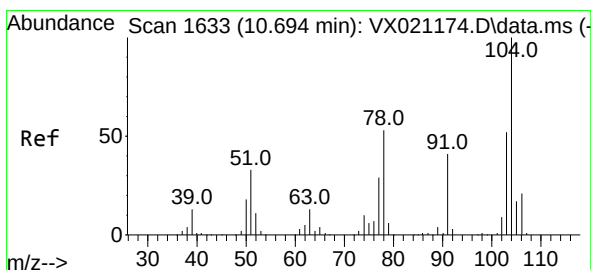
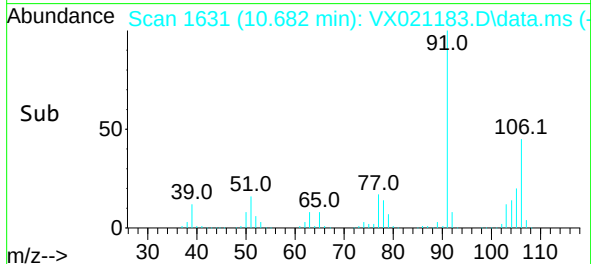
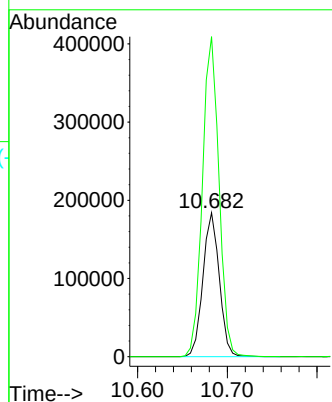
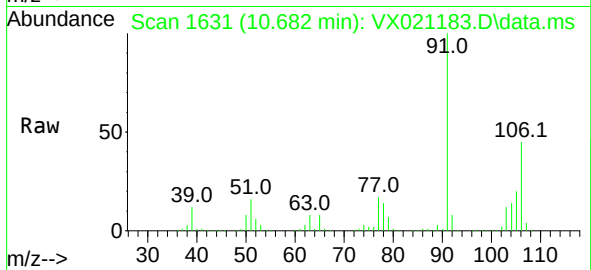




#68
o-Xylene
Concen: 146.13 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

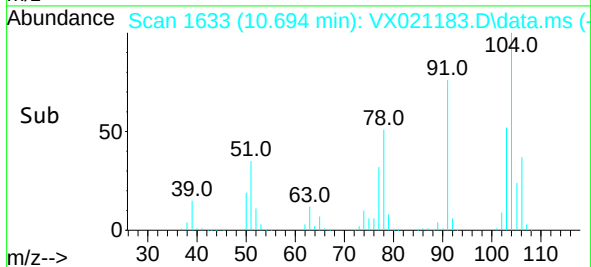
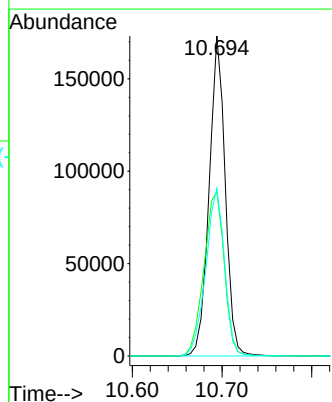
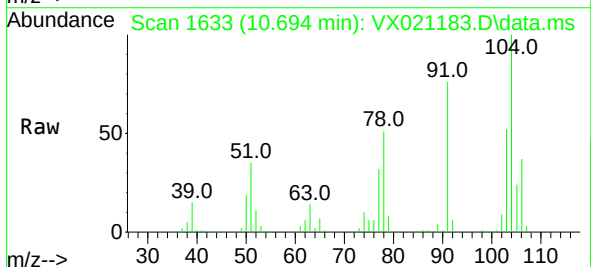
Instrument :
MSVOA_X
ClientSampled :
PT-VOA-WP

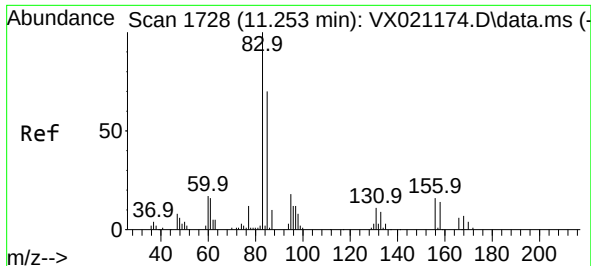
Tgt Ion:106 Resp: 233069
Ion Ratio Lower Upper
106 100
91 224.8 106.5 319.6



#69
Styrene
Concen: 79.63 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:104 Resp: 215465
Ion Ratio Lower Upper
104 100
78 64.6 39.2 58.8#
103 61.2 43.0 64.4

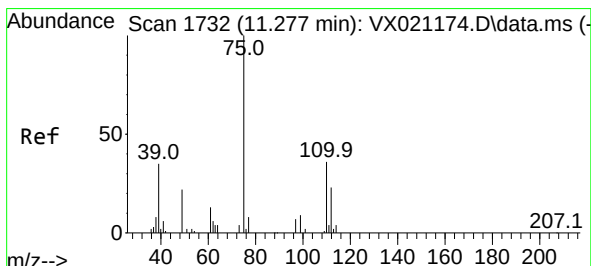
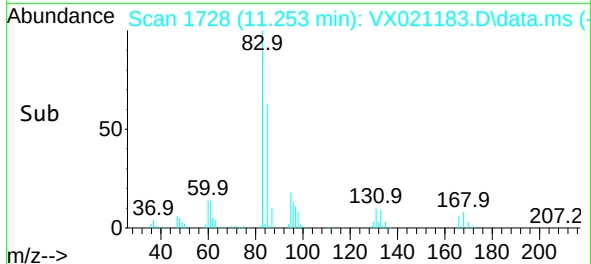
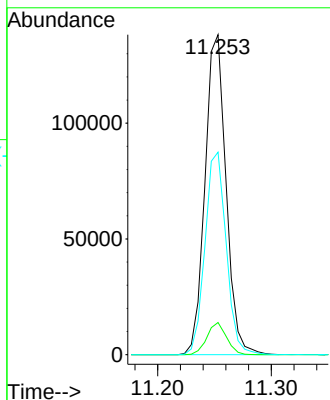
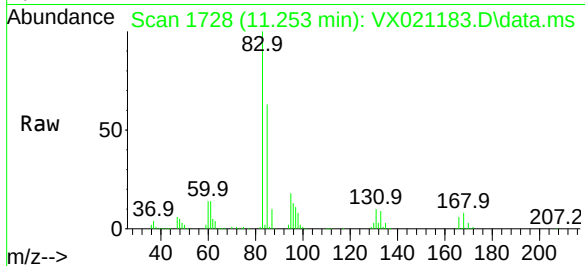




#71
1,1,2,2-Tetrachloroethane
Concen: 128.64 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

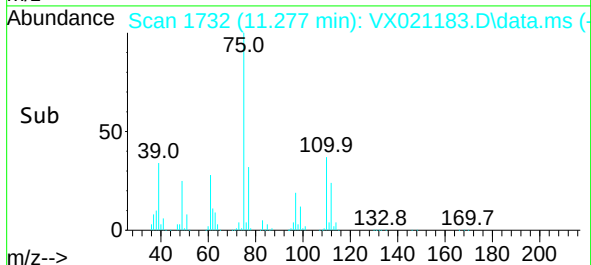
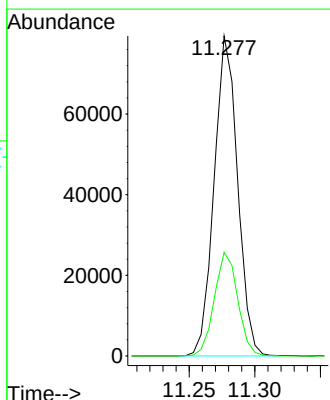
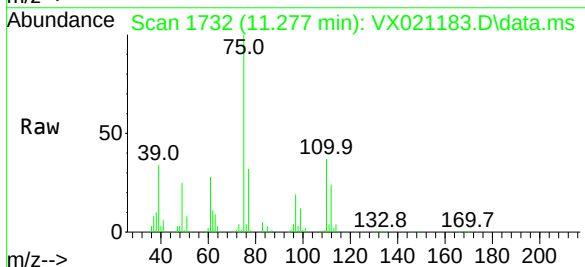
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

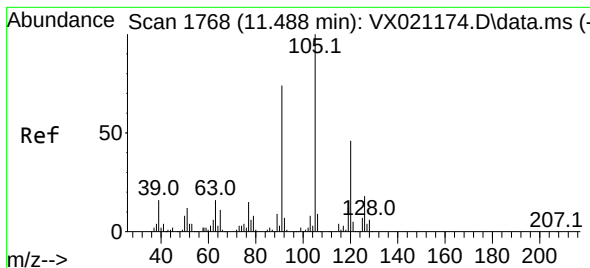
Tgt Ion: 83 Resp: 177947
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.8 32.0 96.0



#72
1,2,3-Trichloropropane
Concen: 69.98 ug/l
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 75 Resp: 98532
Ion Ratio Lower Upper
75 100
77 32.3 0.0 74.6

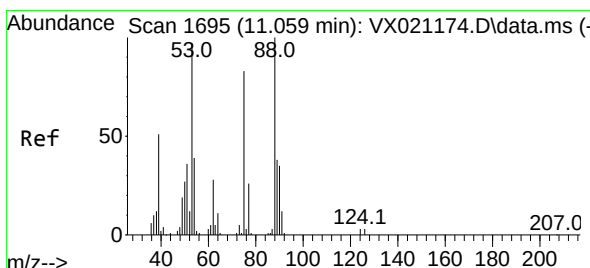
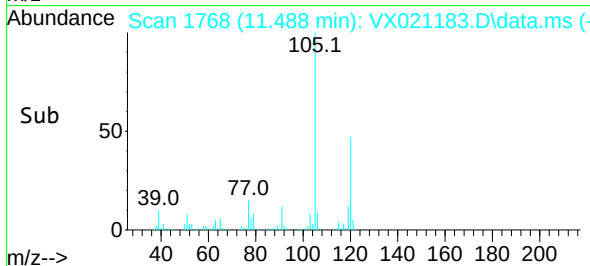
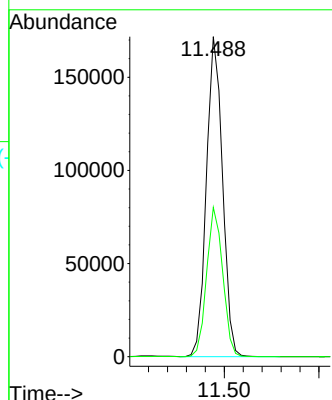
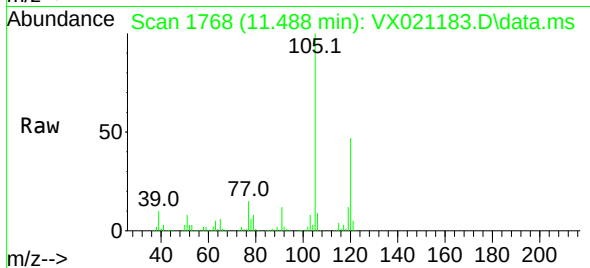




#76
1,3,5-Trimethylbenzene
Concen: 54.63 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

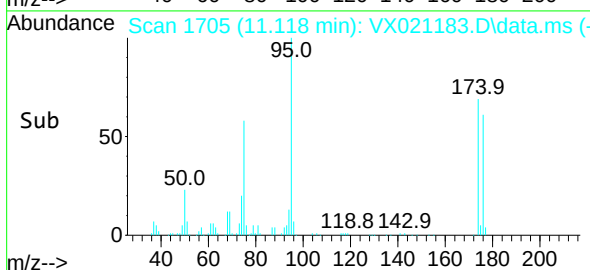
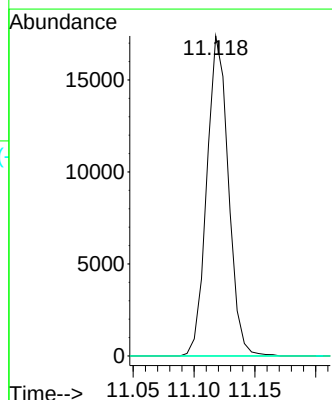
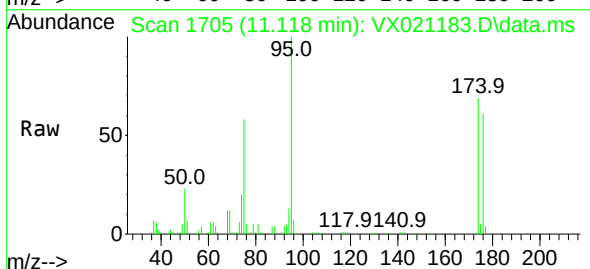
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

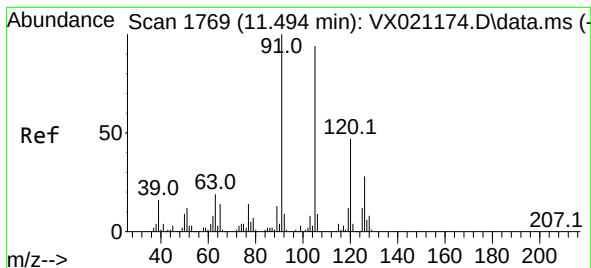
Tgt Ion:105 Resp: 202663
Ion Ratio Lower Upper
105 100
120 46.6 0.0 96.2



#77
t-1,4-Dichloro-2-butene
Concen: 46.38 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 75 Resp: 21447
Ion Ratio Lower Upper
75 100
53 0.0 48.4 145.0#
89 0.0 22.7 68.0#

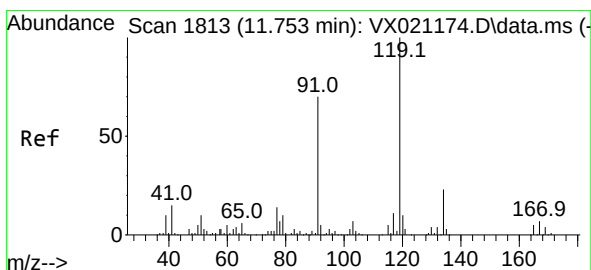
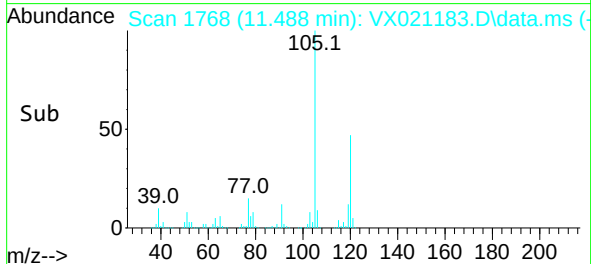
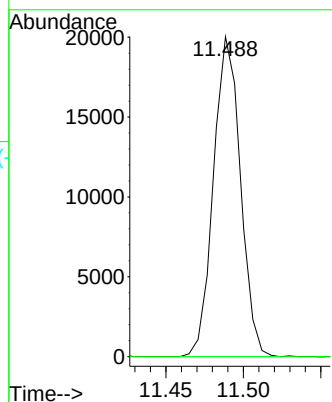
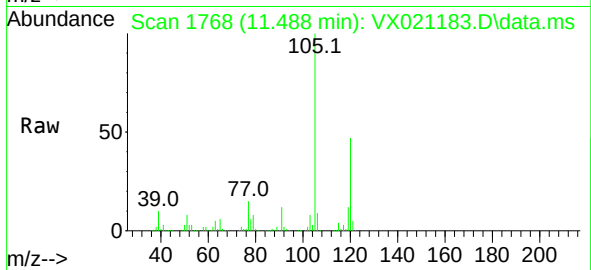




#78
4-Chlorotoluene
Concen: 6.67 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

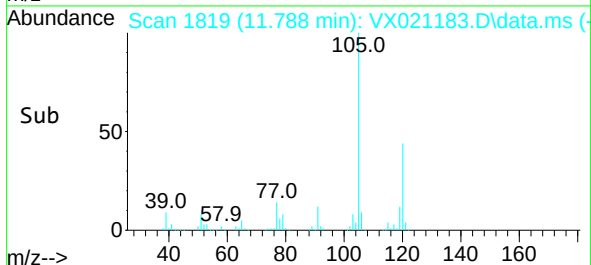
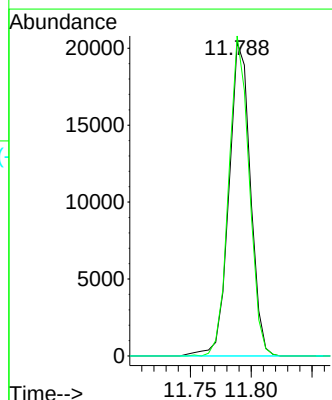
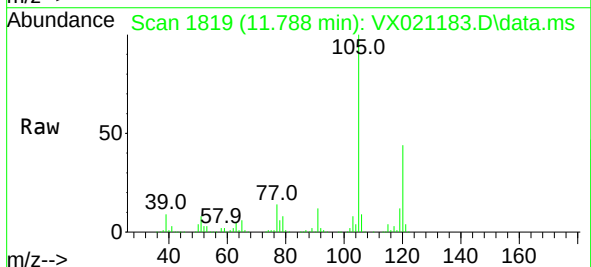
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

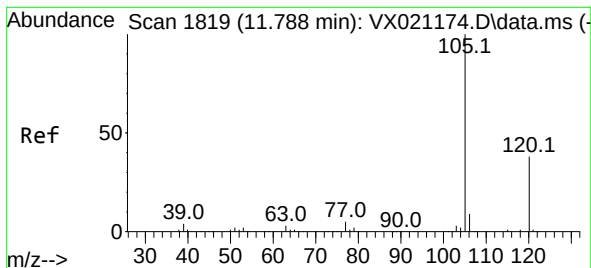
Tgt Ion: 91 Resp: 24233
Ion Ratio Lower Upper
91 100
126 0.0 0.0 57.8



#79
tert-butylbenzene
Concen: 7.27 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.035 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion: 119 Resp: 24969
Ion Ratio Lower Upper
119 100
91 97.1 0.0 118.0
134 0.0 0.0 48.0

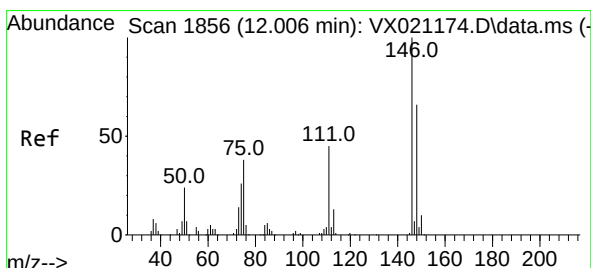
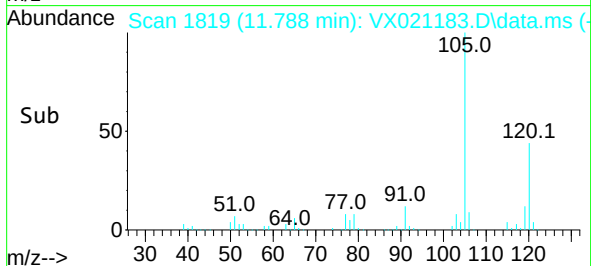
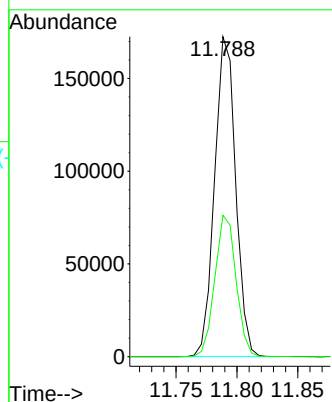
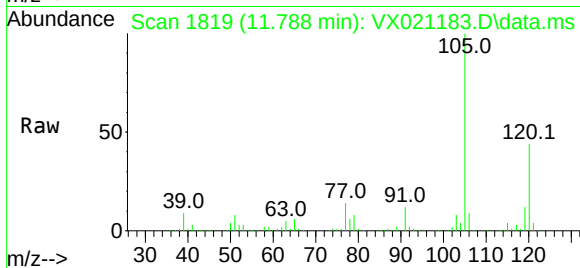




#80
1,2,4-Trimethylbenzene
Concen: 55.82 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

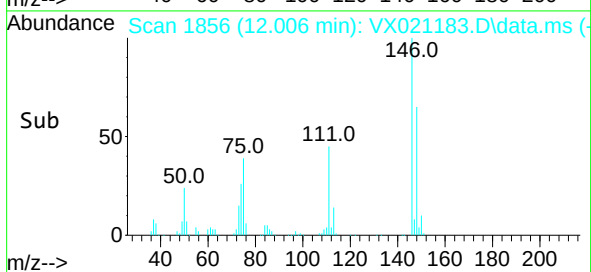
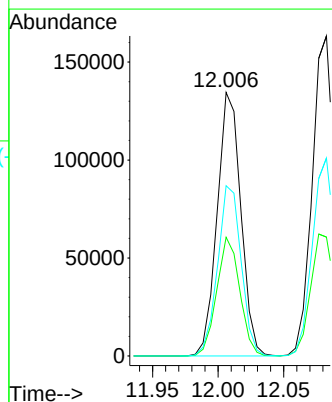
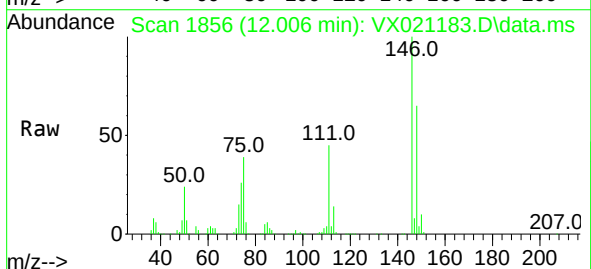
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

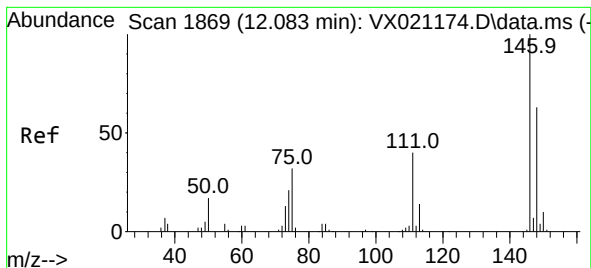
Tgt Ion:105 Resp: 207987
Ion Ratio Lower Upper
105 100
120 44.5 0.0 89.8



#83
1,3-Dichlorobenzene
Concen: 91.27 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:146 Resp: 168866
Ion Ratio Lower Upper
146 100
111 43.8 20.3 60.9
148 64.2 31.9 95.9

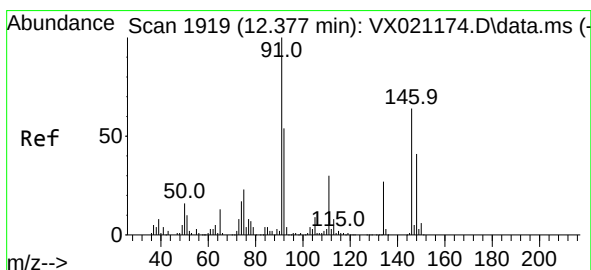
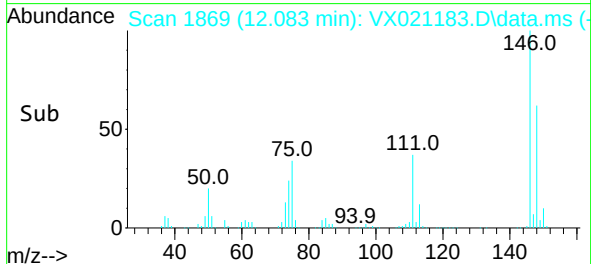
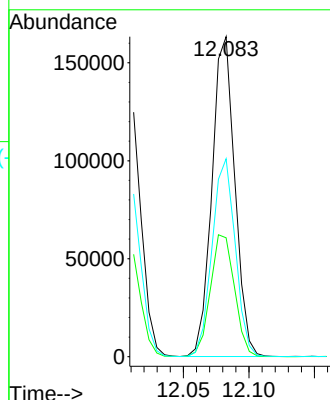
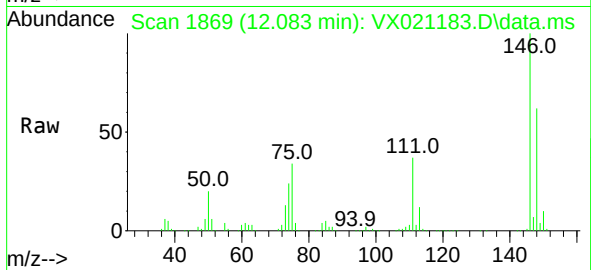




#84
1,4-Dichlorobenzene
Concen: 107.01 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

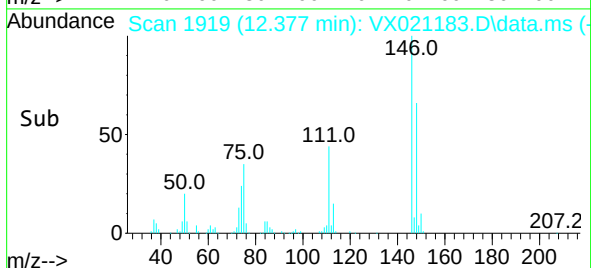
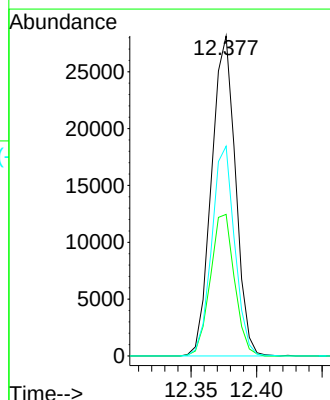
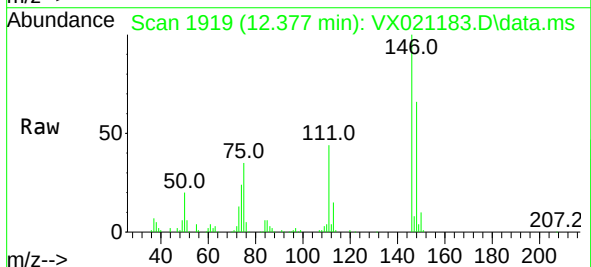
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

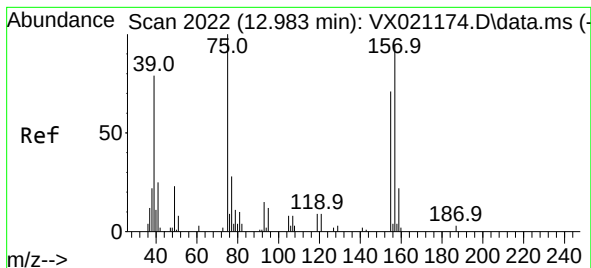
Tgt Ion:146 Resp: 198615
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.3
148 62.4 31.9 95.5



#87
1,2-Dichlorobenzene
Concen: 19.71 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:146 Resp: 35733
Ion Ratio Lower Upper
146 100
111 44.6 20.8 62.5
148 62.9 32.4 97.0

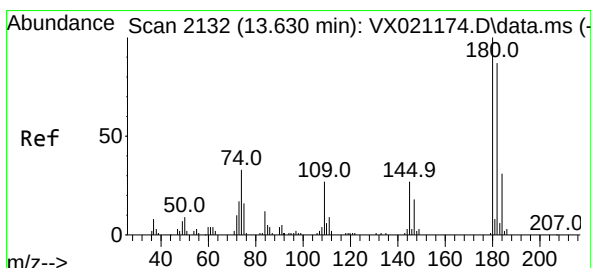
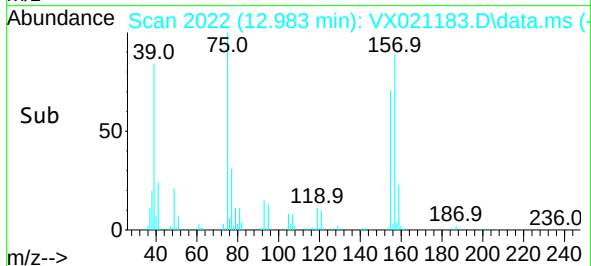
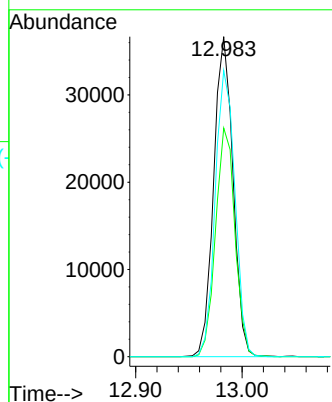
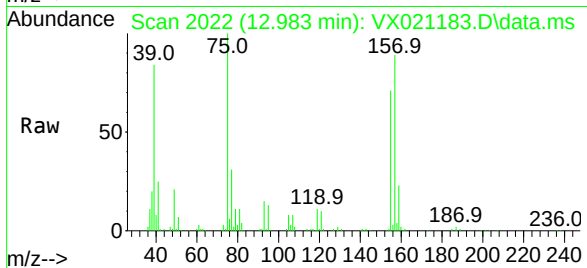




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 134.00 ug/l
 RT: 12.983 min Scan# 2022
 Delta R.T. 0.000 min
 Lab File: VX021183.D
 Acq: 12 Mar 2021 16:09

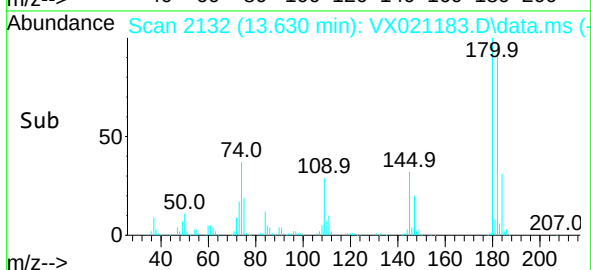
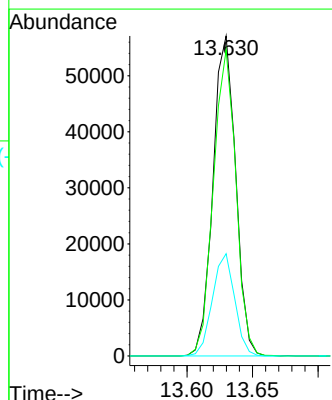
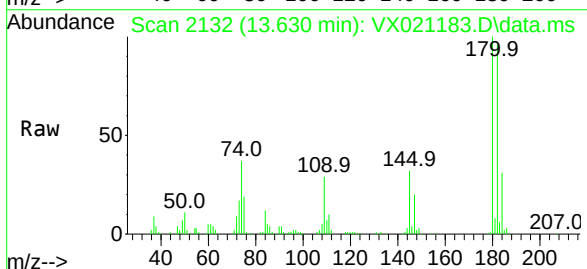
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

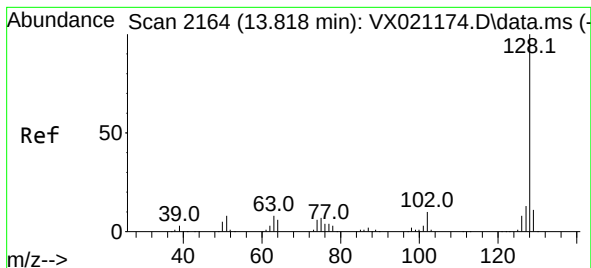
Tgt Ion: 75 Resp: 46136
 Ion Ratio Lower Upper
 75 100
 155 71.8 68.9 103.3
 157 91.0 91.3 136.9#



#89
 1,2,4-Trichlorobenzene
 Concen: 60.16 ug/l
 RT: 13.630 min Scan# 2132
 Delta R.T. 0.000 min
 Lab File: VX021183.D
 Acq: 12 Mar 2021 16:09

Tgt Ion:180 Resp: 68643
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.9 116.9
 145 31.4 24.3 36.5

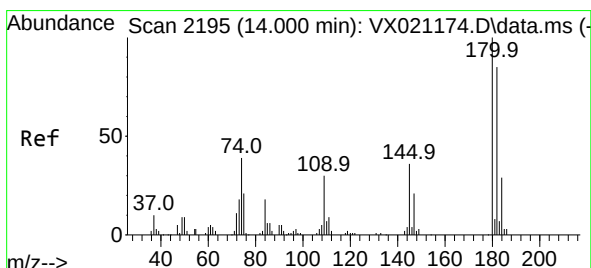
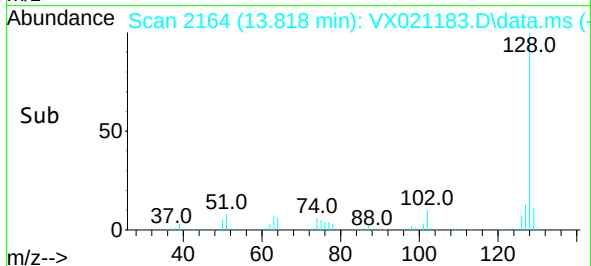
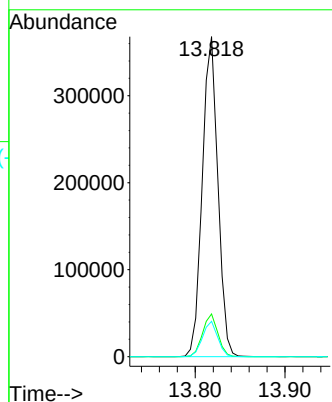
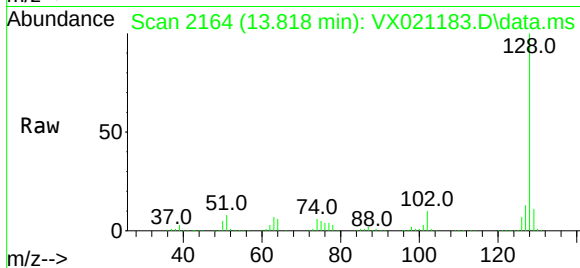




#91
Naphthalene
Concen: 120.28 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

Tgt Ion:128 Resp: 443525
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 14.006 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VX021183.D
Acq: 12 Mar 2021 16:09

Tgt Ion:180 Resp: 280
Ion Ratio Lower Upper
180 100
182 84.3 0.0 192.4
145 27.1 0.0 66.4

