

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021178.D
 Acq On : 12 Mar 2021 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 13 01:04:41 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	4.982	128	14792	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	81582	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	74168	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	40715	29.90	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.67%
60) 4-Bromofluorobenzene	11.118	95	38739	28.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.23%
63) Toluene-d8	8.694	98	102481	30.46	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.53%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	310	0.32	ug/l	94
3) Chloromethane	1.316	50	418	0.41	ug/l	90
4) Vinyl Chloride	1.393	62	337	0.33	ug/l	98
5) Bromomethane	1.640	94	481	0.80	ug/l #	79
7) Trichlorofluoromethane	1.917	101	416	0.26	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	2.370	101	369	0.44	ug/l	76
10) 1,1-Dichloroethene	2.364	96	335	0.41	ug/l #	75
11) Methyl Iodide	2.499	142	944	0.87	ug/l	84
12) Methyl Acetate	2.752	43	519	0.38	ug/l #	46
13) Acrolein	2.211	56	63	0.36	ug/l	87
14) Acrylonitrile	3.117	53	851	1.64	ug/l #	75
15) Acetone	2.417	58	162	1.16	ug/l #	19
16) Carbon Disulfide	2.552	76	4295	1.78	ug/l	100
17) Allyl chloride	2.711	41	604	0.35	ug/l #	72
18) Methylene Chloride	2.840	84	598	0.60	ug/l #	85
19) trans-1,2-Dichloroethene	3.152	96	668	0.73	ug/l	99
23) tert-Butyl Alcohol	2.993	59	1171	5.07	ug/l #	69
26) Cyclohexane	5.546	56	484	0.30	ug/l #	42
29) 1,1-Dichloropropene	5.764	75	328	0.24	ug/l	68
30) 2-Butanone	4.635	43	483	0.64	ug/l #	52
36) 1,2-Dichloroethane	6.164	62	464	0.28	ug/l #	73
38) Methylcyclohexane	7.441	83	730	0.47	ug/l	86
40) Dibromomethane	7.635	93	326	0.44	ug/l	46
42) Vinyl Acetate	3.782	43	1674	0.58	ug/l #	78
48) t-1,3-Dichloropropene	9.017	75	461	0.29	ug/l	100
51) Ethyl methacrylate	8.694	69	476	0.30	ug/l	81
54) 1,2-Dibromoethane	9.659	107	223	0.21	ug/l #	65
55) 2-Chloroethyl vinyl ether	8.294	63	2311	2.77	ug/l #	92
58) 4-Methyl-2-Pentanone	8.623	43	584	0.39	ug/l #	71
59) 2-Hexanone	9.476	43	628	0.55	ug/l #	85
61) Tetrachloroethene	9.318	164	404	0.42	ug/l #	87
64) Chlorobenzene	10.124	112	687	0.27	ug/l #	88
66) Ethyl Benzene	10.235	91	1091	0.23	ug/l	90
67) m/p-Xylenes	10.341	106	830	0.49	ug/l	96
69) Styrene	10.694	104	592	0.21	ug/l #	85
70) Isopropylbenzene	11.000	105	1179	0.26	ug/l	99
73) Bromobenzene	11.235	156	356	0.33	ug/l	97
74) n-propylbenzene	11.341	91	1858	0.35	ug/l	96
75) 2-Chlorotoluene	11.406	91	858	0.27	ug/l	94

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

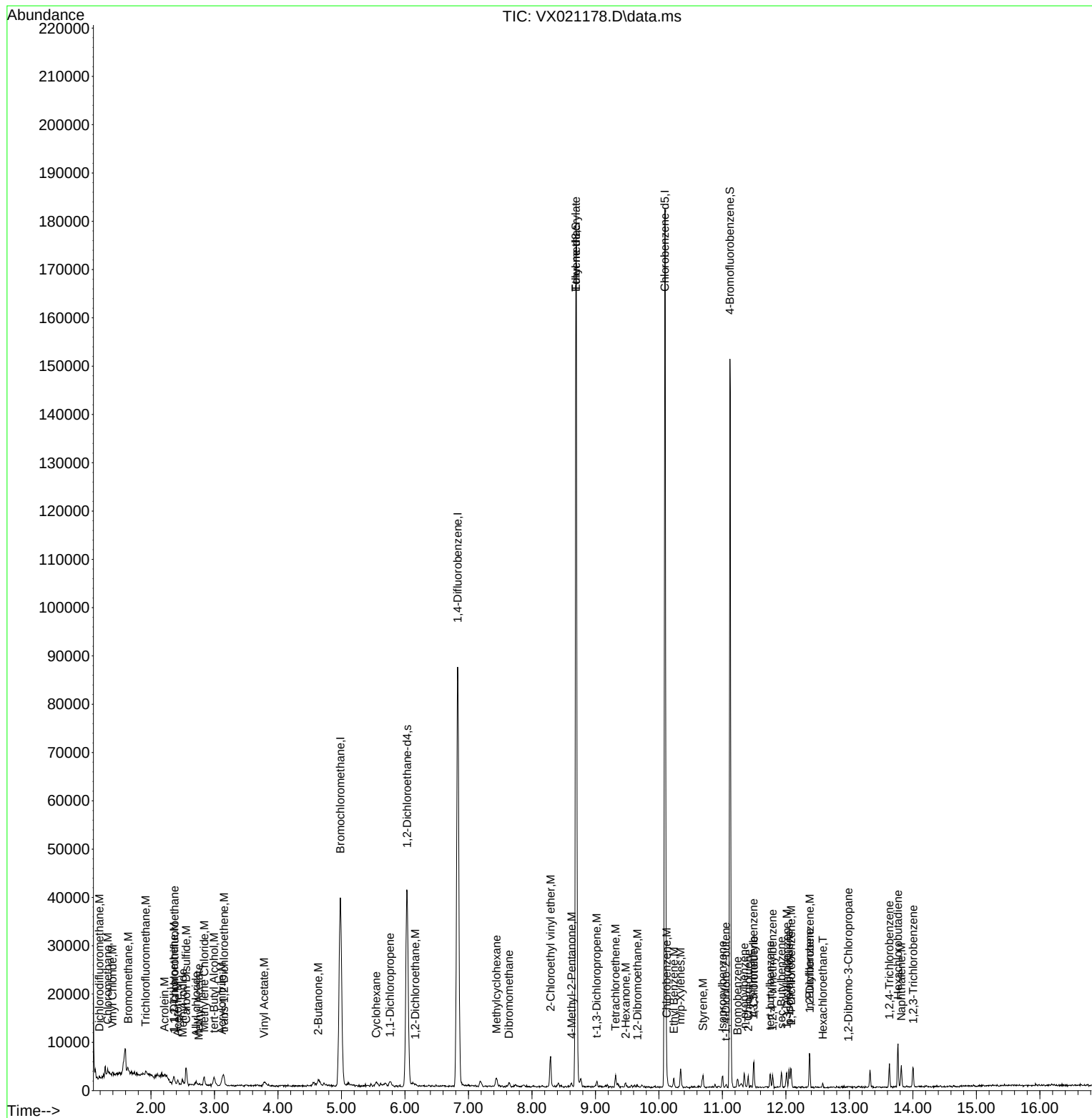
76) 1,3,5-Trimethylbenzene	11.488	105	1070	0.28	ug/l	94
77) t-1,4-Dichloro-2-butene	11.053	75	103	0.22	ug/l #	74
78) 4-Chlorotoluene	11.494	91	1536	0.41	ug/l	99
79) tert-butylbenzene	11.753	119	987	0.28	ug/l	82
80) 1,2,4-Trimethylbenzene	11.788	105	1057	0.27	ug/l	95
81) sec-Butylbenzene	11.930	105	1648	0.39	ug/l	97
82) p-Isopropyltoluene	12.047	119	1425	0.37	ug/l	91
83) 1,3-Dichlorobenzene	12.012	146	1004	0.53	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	1120	0.58	ug/l	95
85) n-Butylbenzene	12.371	91	1956	0.54	ug/l	99
86) Hexachloroethane	12.583	117	146	0.20	ug/l	71
87) 1,2-Dichlorobenzene	12.377	146	807	0.43	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	12.983	75	78	0.22	ug/l #	1
89) 1,2,4-Trichlorobenzene	13.630	180	1039	0.88	ug/l	87
90) Hexachlorobutadiene	13.765	225	1208	2.35	ug/l	96
91) Naphthalene	13.818	128	2802	0.74	ug/l	97
92) 1,2,3-Trichlorobenzene	14.006	180	1110	0.97	ug/l	96

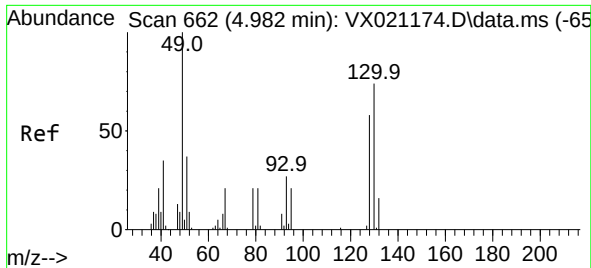
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

Quant Time: Mar 13 01:04:41 2021
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QLast Update : Fri Mar 12 12:55:27 2021
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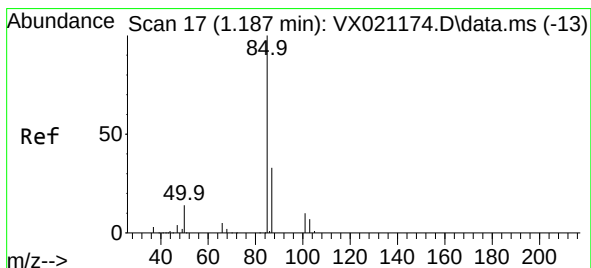
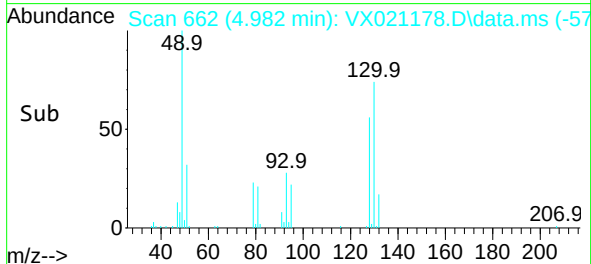
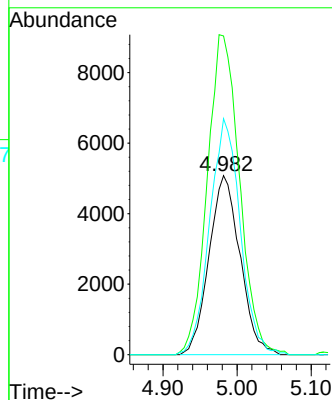
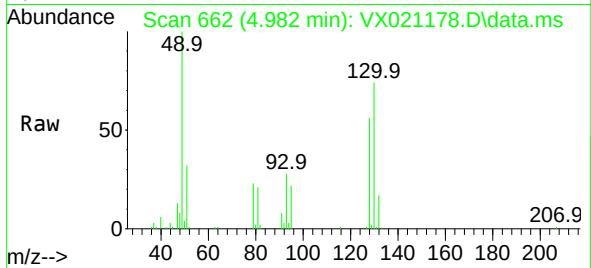




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

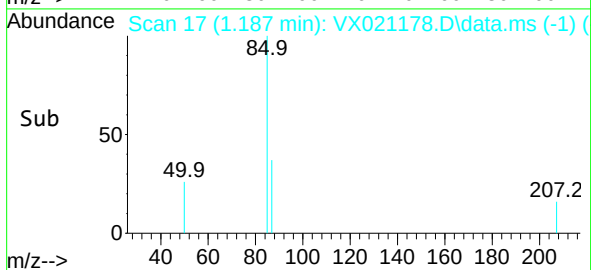
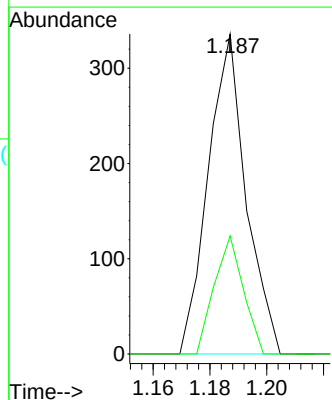
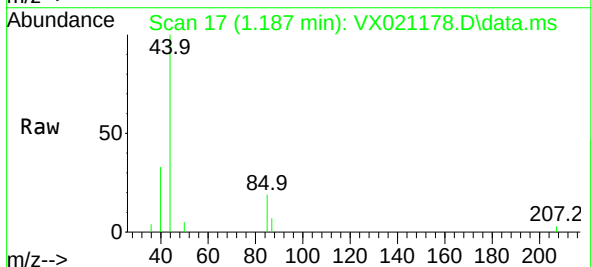
Instrument :
MSVOA_X
ClientSampleId :
IBLK

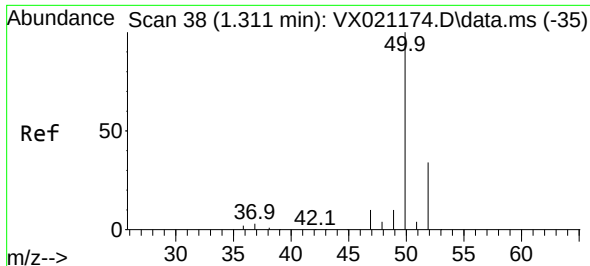
Tgt Ion:128 Resp: 14792
Ion Ratio Lower Upper
128 100
49 184.9 0.0 367.5
130 129.3 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 0.32 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 85 Resp: 310
Ion Ratio Lower Upper
85 100
87 36.9 16.8 50.4

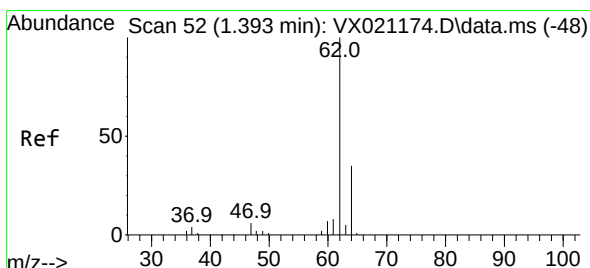
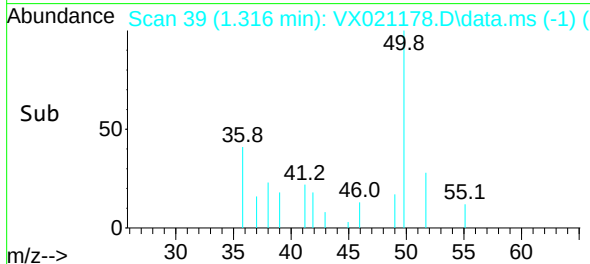
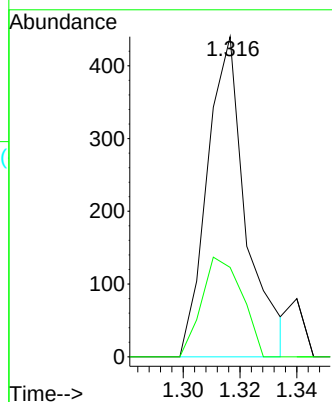
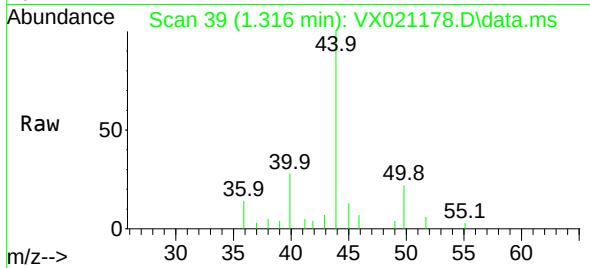




#3
Chloromethane
Concen: 0.41 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

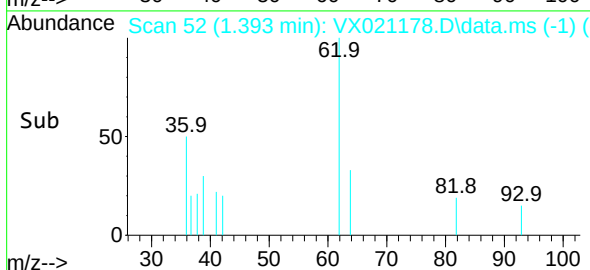
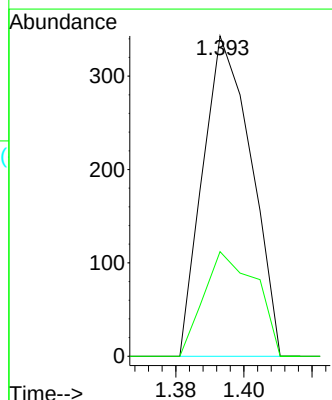
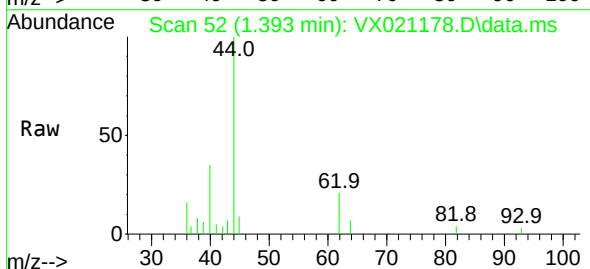
Instrument :
MSVOA_X
ClientSampled :
IBLK

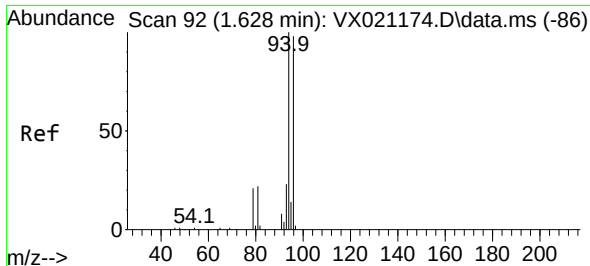
Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 28.0 26.9 40.3



#4
Vinyl Chloride
Concen: 0.33 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 62 Resp: 337
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2

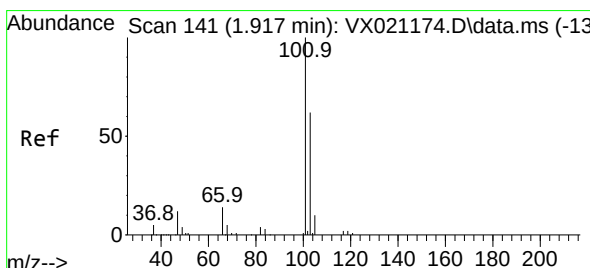
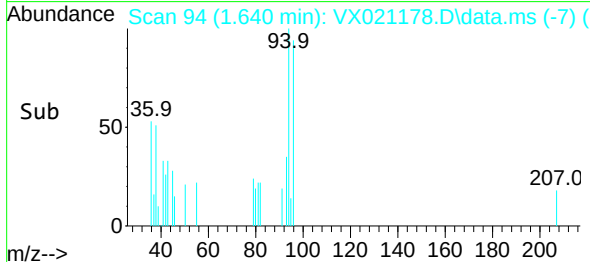
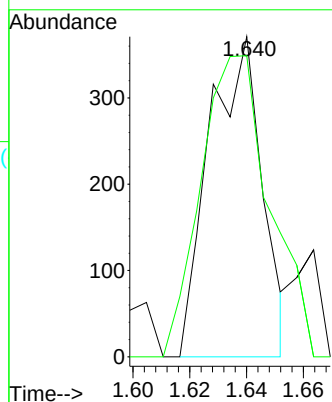
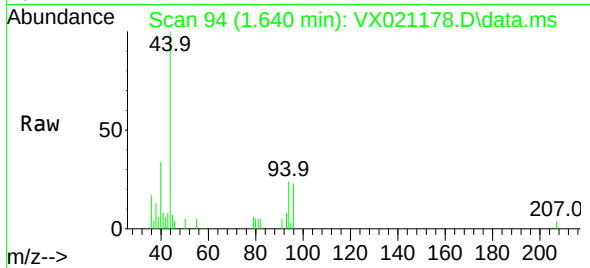




#5
Bromomethane
Concen: 0.80 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

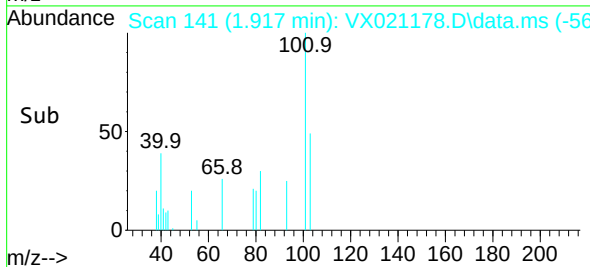
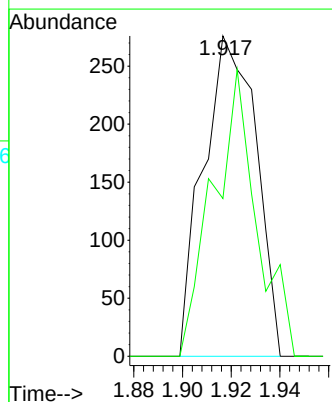
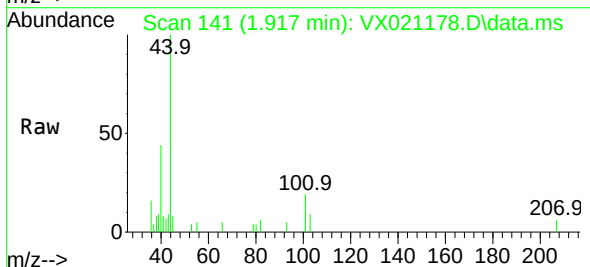
Instrument :
MSVOA_X
ClientSampled :
IBLK

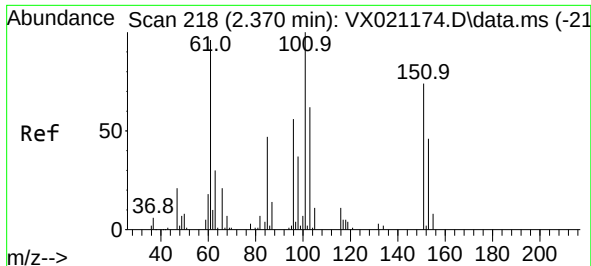
Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 75.2 76.6 114.8#



#7
Trichlorofluoromethane
Concen: 0.26 ug/l
RT: 1.917 min Scan# 141
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 101 Resp: 416
Ion Ratio Lower Upper
101 100
103 49.3 51.4 77.2#

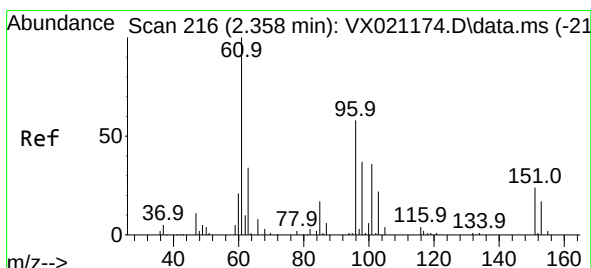
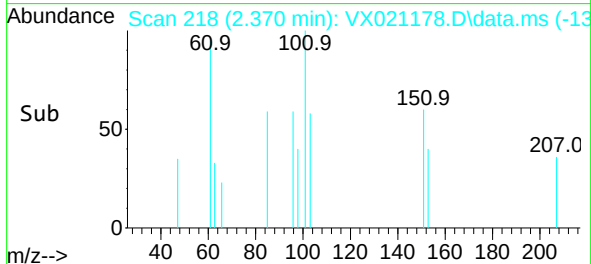
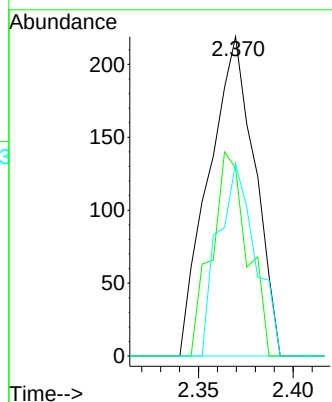
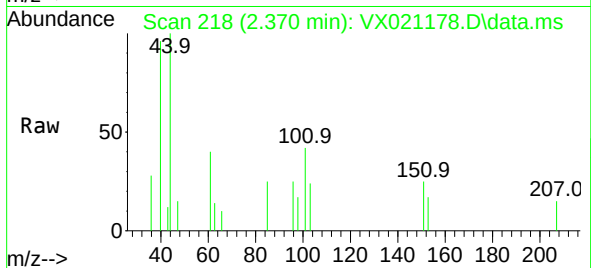




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.44 ug/l
RT: 2.370 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

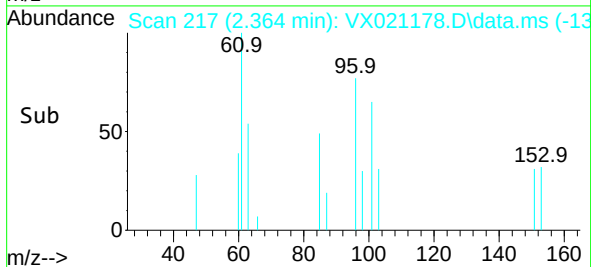
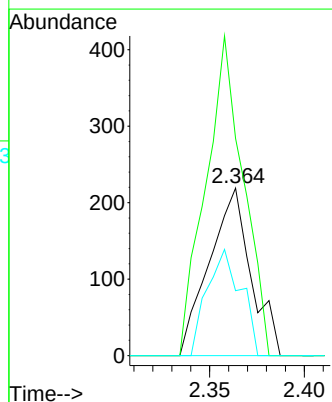
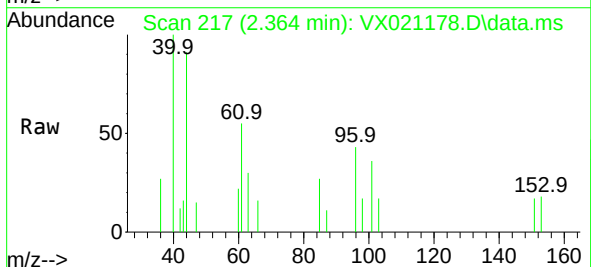
Instrument :
MSVOA_X
ClientSampled :
IBLK

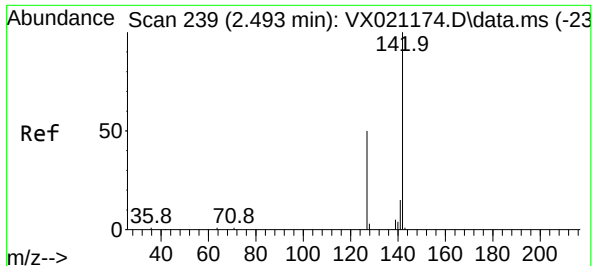
Tgt Ion:101 Resp: 369
Ion Ratio Lower Upper
101 100
85 50.4 0.0 88.0
151 48.8 0.0 151.8



#10
1,1-Dichloroethene
Concen: 0.41 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

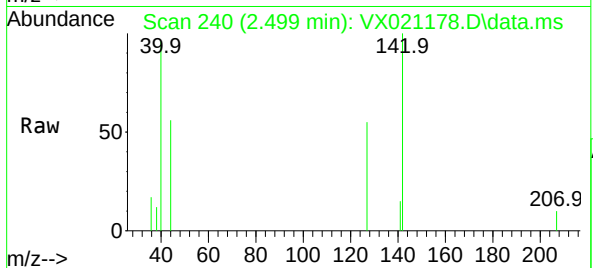
Tgt Ion: 96 Resp: 335
Ion Ratio Lower Upper
96 100
61 129.7 126.1 189.1
98 38.8 51.3 76.9#



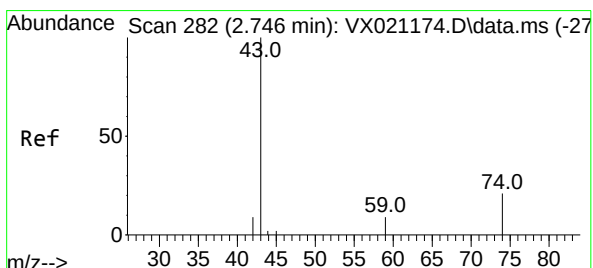
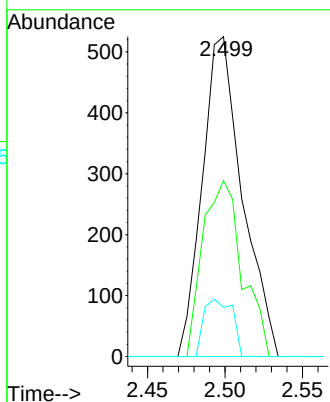
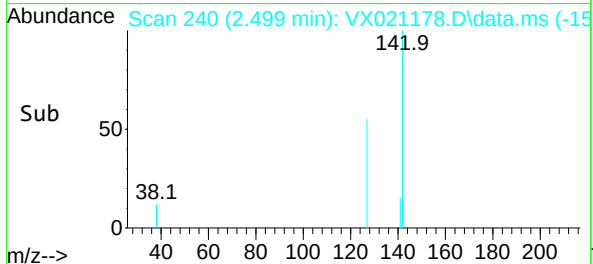


#11
Methyl Iodide
Concen: 0.87 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

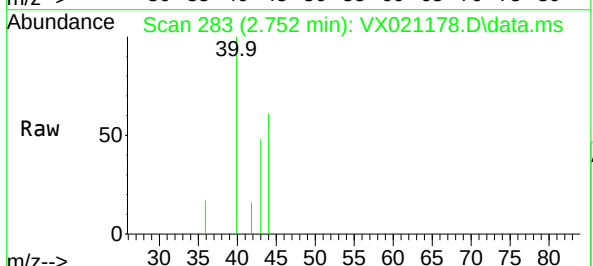
Instrument :
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ClientSampled :
IBLK



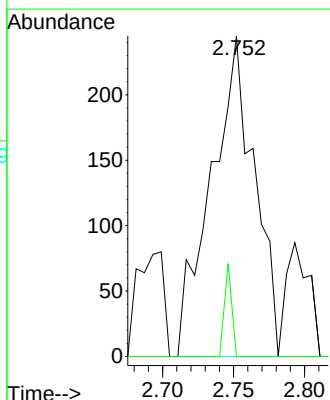
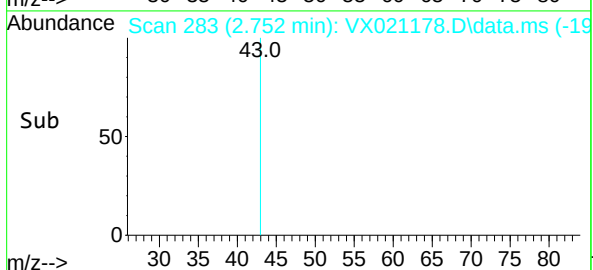
Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
127 55.0 21.4 64.2
141 15.4 6.5 19.4

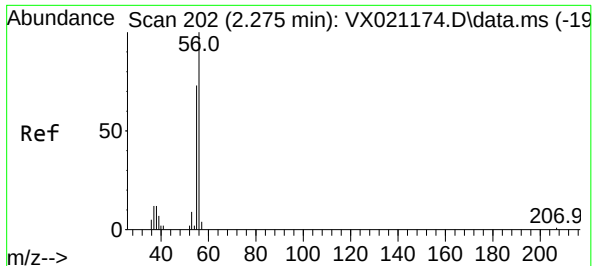


#12
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32



Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

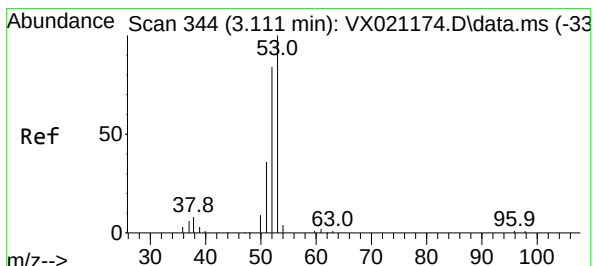
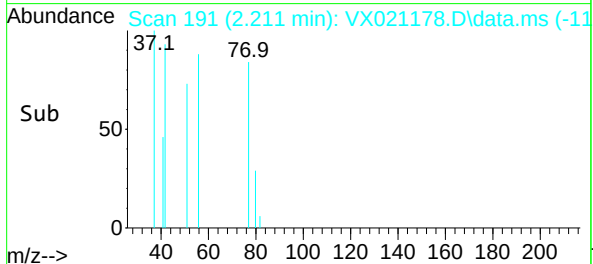
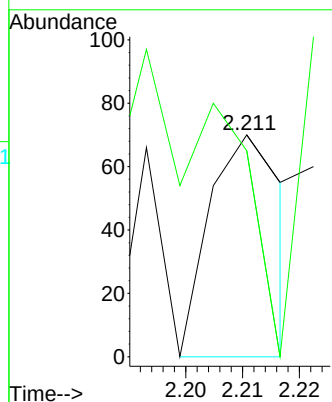
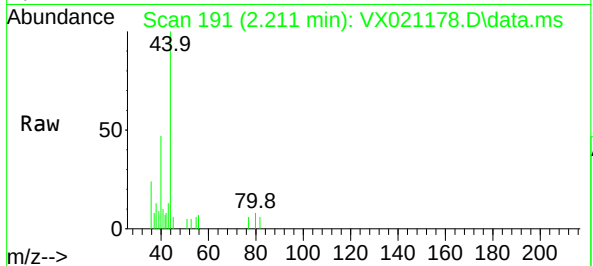




#13
Acrolein
Concen: 0.36 ug/l
RT: 2.211 min Scan# 191
Delta R.T. -0.064 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

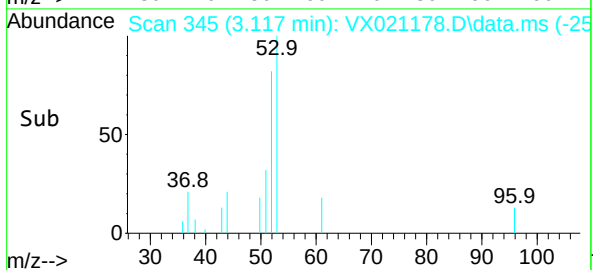
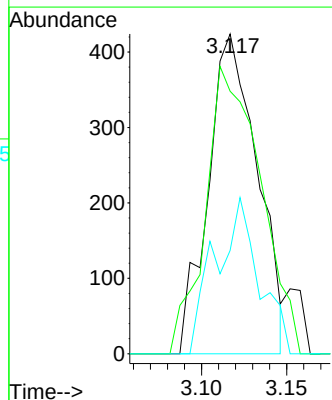
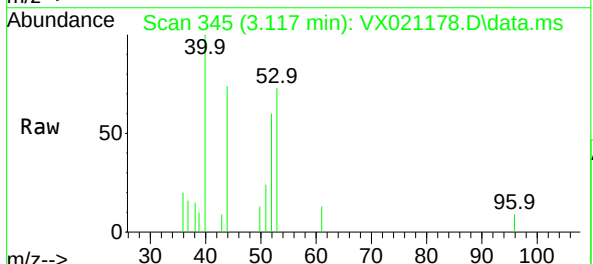
Instrument :
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ClientSampled :
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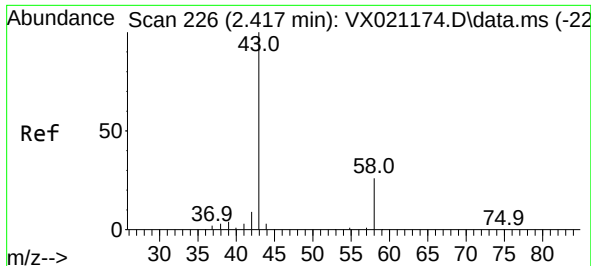
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 81.0 56.3 84.5



#14
Acrylonitrile
Concen: 1.64 ug/l
RT: 3.117 min Scan# 345
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 53 Resp: 851
Ion Ratio Lower Upper
53 100
52 100.8 41.1 123.3
51 14.8 17.6 52.9#

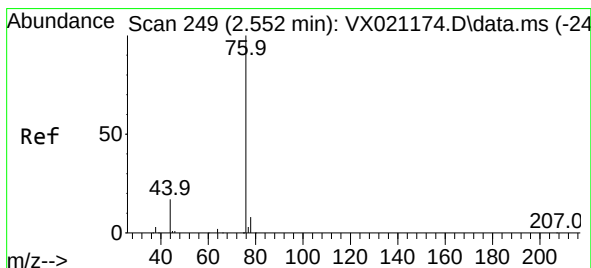
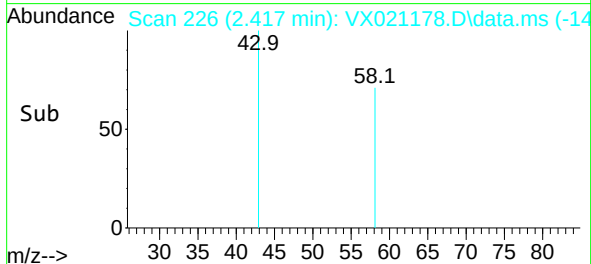
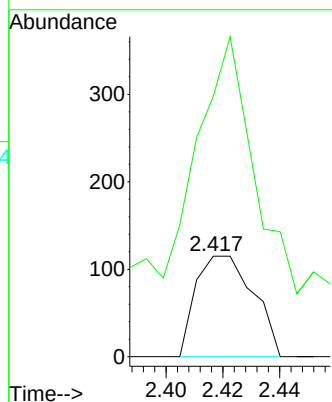
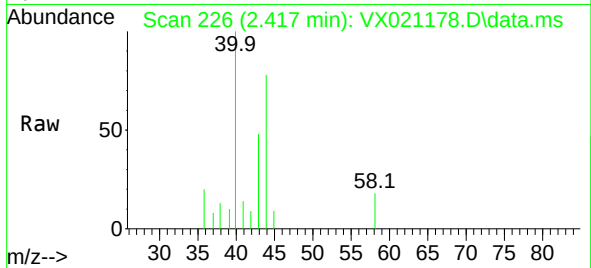




#15
Acetone
Concen: 1.16 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

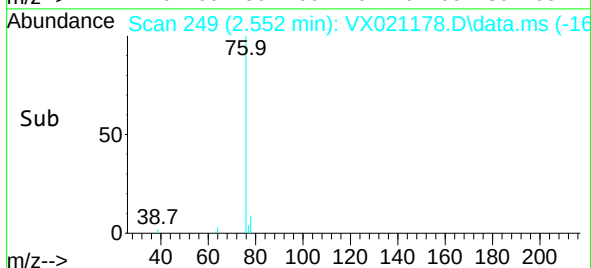
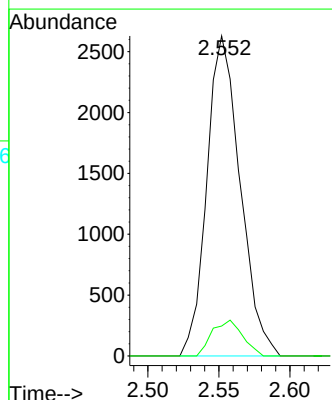
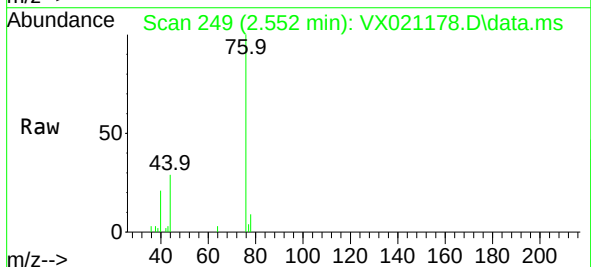
Instrument :
MSVOA_X
ClientSampleId :
IBLK

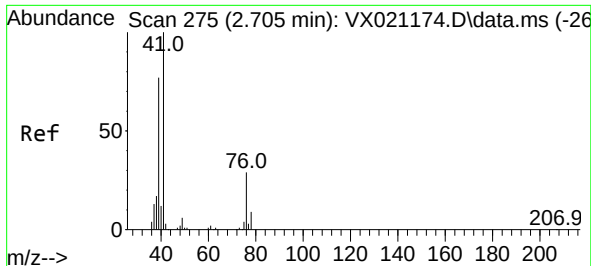
Tgt Ion: 58 Resp: 162
Ion Ratio Lower Upper
58 100
43 134.8 232.6 348.8#



#16
Carbon Disulfide
Concen: 1.78 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 76 Resp: 4295
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#17

Allyl chloride

Concen: 0.35 ug/l

RT: 2.711 min Scan# 276

Delta R.T. 0.006 min

Lab File: VX021178.D

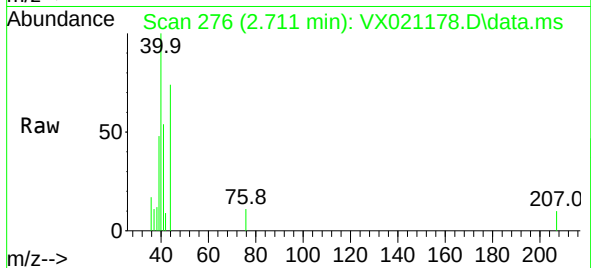
Acq: 12 Mar 2021 12:32

Instrument :

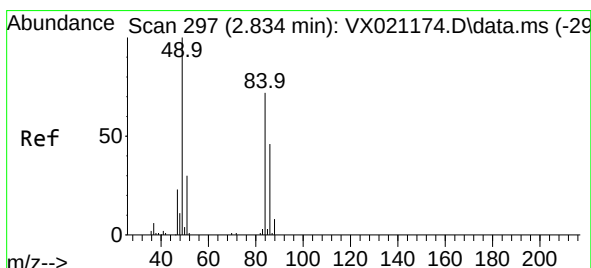
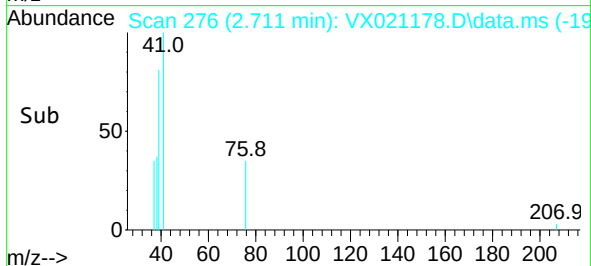
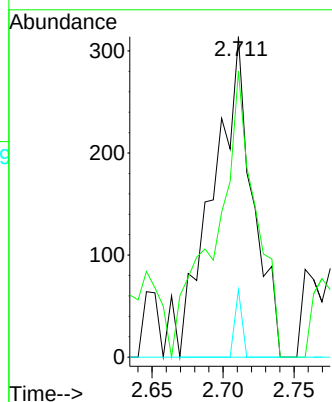
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion: 41	Resp: 604
Ion Ratio	Lower Upper
41 100	
39 89.2	34.8 104.4
76 21.0	21.3 63.9#



#18

Methylene Chloride

Concen: 0.60 ug/l

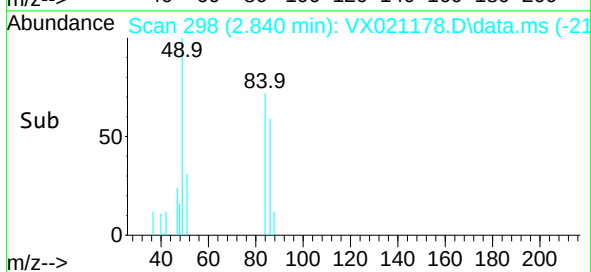
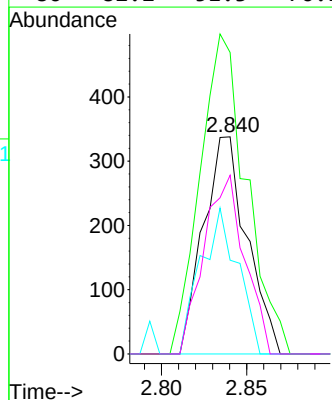
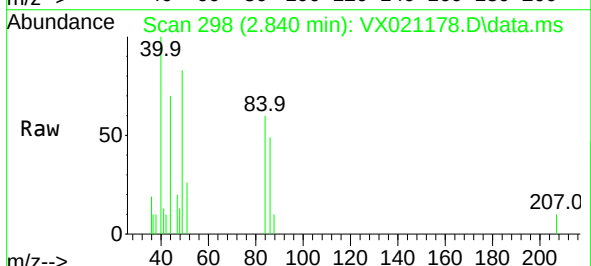
RT: 2.840 min Scan# 298

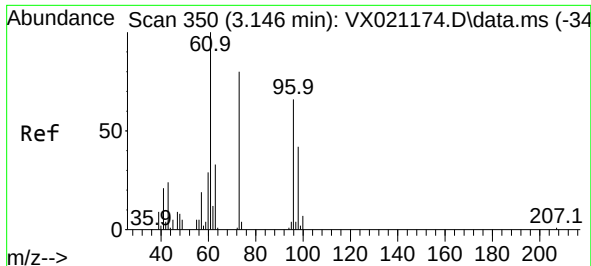
Delta R.T. 0.006 min

Lab File: VX021178.D

Acq: 12 Mar 2021 12:32

Tgt Ion: 84	Resp: 598
Ion Ratio	Lower Upper
84 100	
49 123.7	90.6 136.0
51 43.2	26.3 39.5#
86 82.2	51.3 76.9#



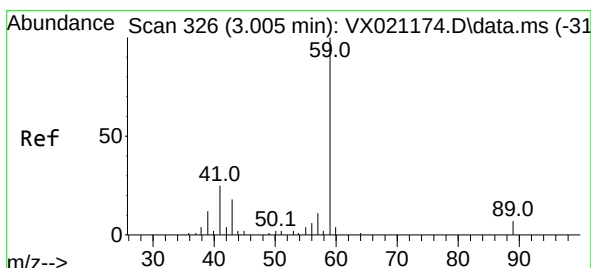
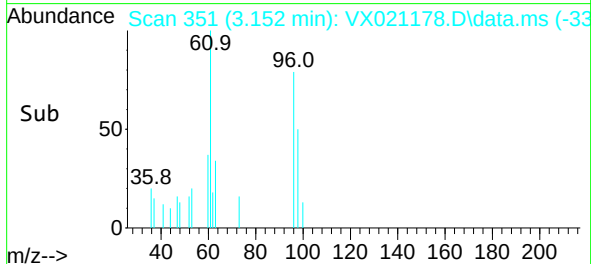
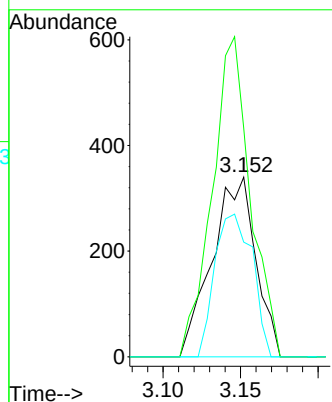
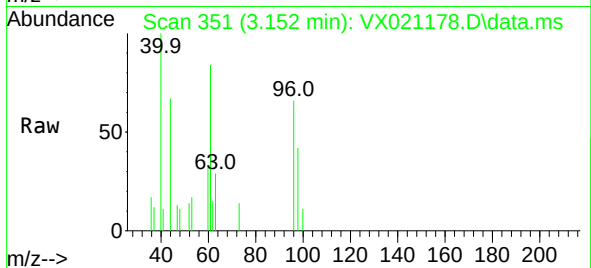


#19

trans-1,2-Dichloroethene
Concen: 0.73 ug/l
RT: 3.152 min Scan# 351
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Instrument :
MSVOA_X
ClientSampled :
IBLK

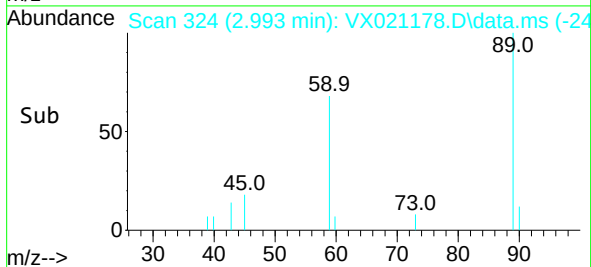
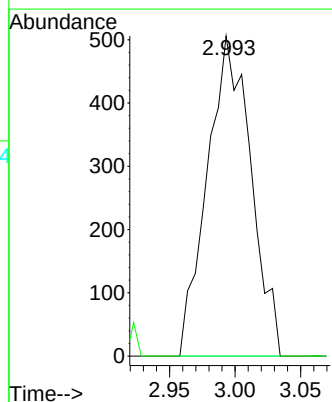
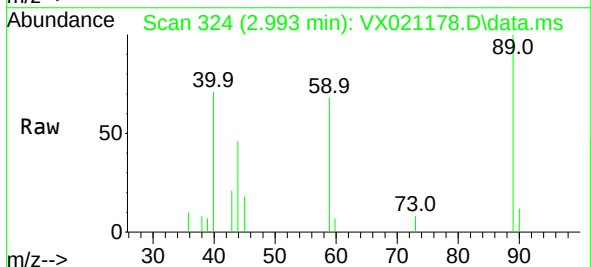
Tgt Ion: 96 Resp: 668
Ion Ratio Lower Upper
96 100
61 127.4 103.0 154.4
98 63.8 51.8 77.6

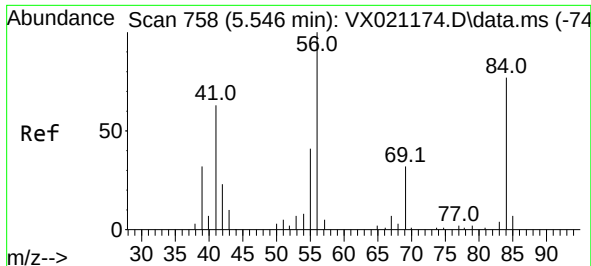


#23

tert-Butyl Alcohol
Concen: 5.07 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.012 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
52 73.3 0.1 0.1#

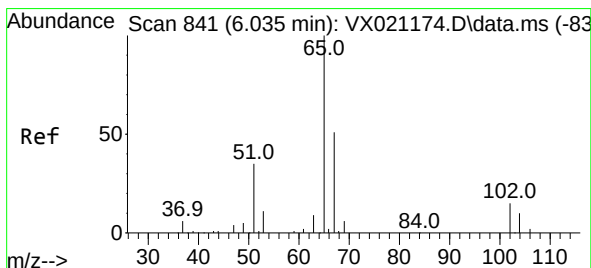
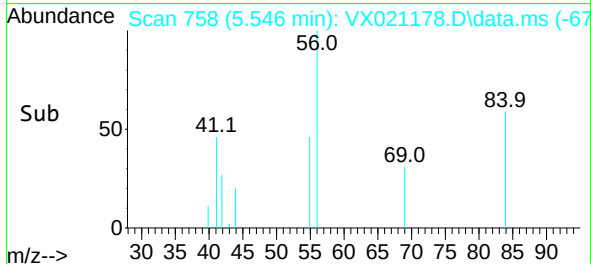
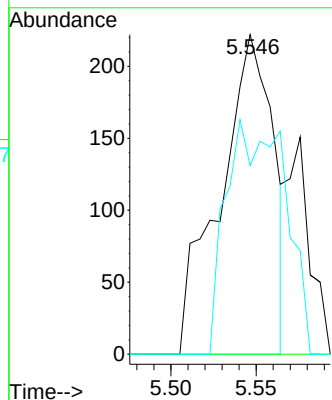
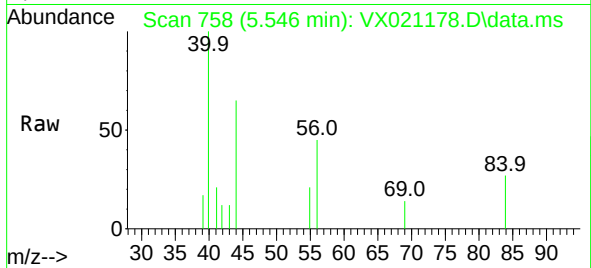




#26
Cyclohexane
Concen: 0.30 ug/l
RT: 5.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

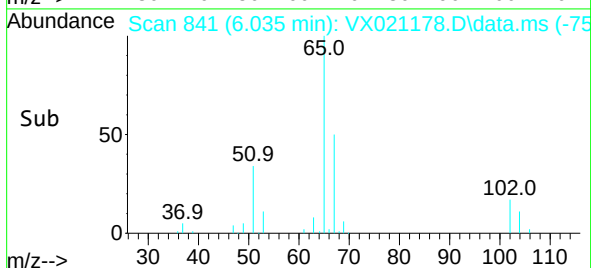
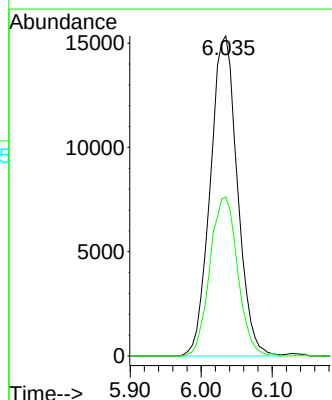
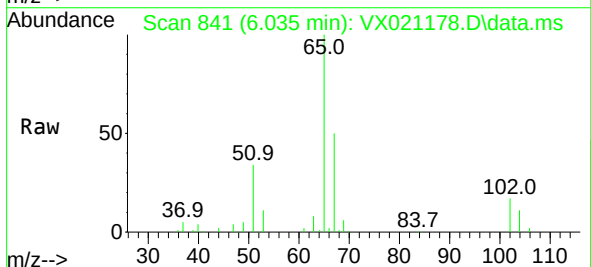
Instrument :
MSVOA_X
ClientSampled :
IBLK

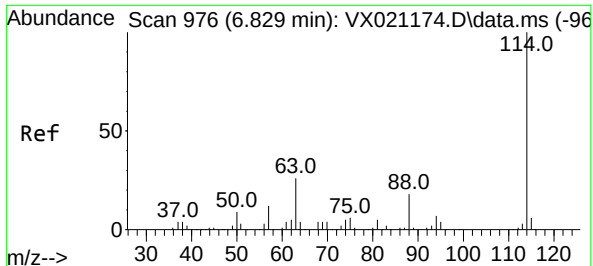
Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 37.4 74.1 111.1#



#27
1,2-Dichloroethane-d4
Concen: 29.90 ug/l
RT: 6.035 min Scan# 841
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 65 Resp: 40715
Ion Ratio Lower Upper
65 100
67 50.6 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: VX021178.D

Acq: 12 Mar 2021 12:32

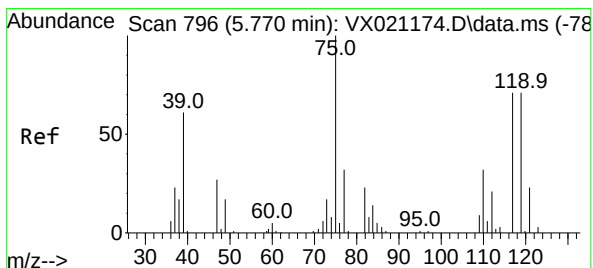
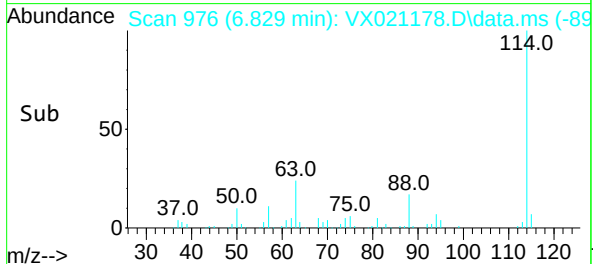
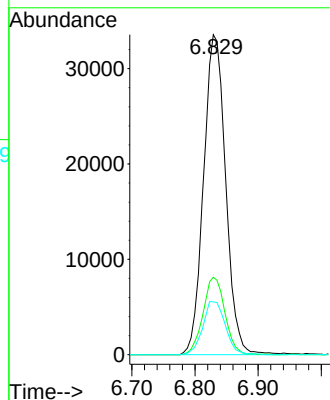
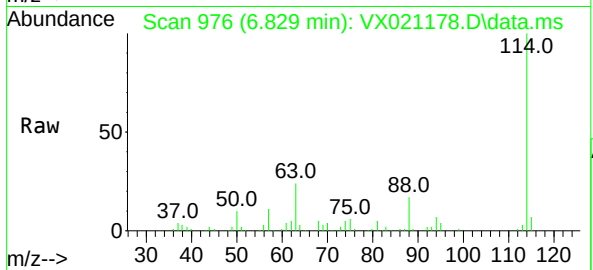
Tgt Ion:114 Resp: 81582

Ion Ratio Lower Upper

114 100

63 23.9 16.2 24.2

88 16.9 13.0 19.6



#29

1,1-Dichloropropene

Concen: 0.24 ug/l

RT: 5.764 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX021178.D

Acq: 12 Mar 2021 12:32

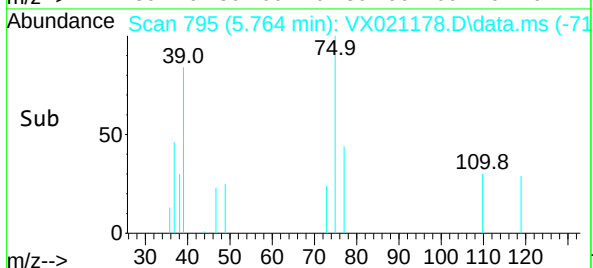
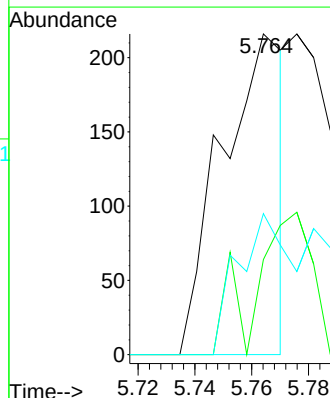
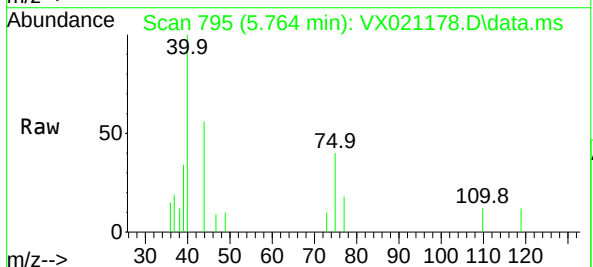
Tgt Ion: 75 Resp: 328

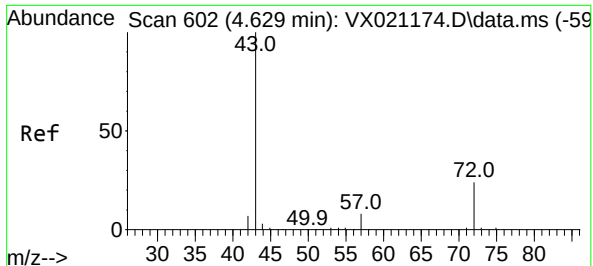
Ion Ratio Lower Upper

75 100

110 7.3 0.0 72.4

77 37.5 0.0 62.4





#30

2-Butanone

Concen: 0.64 ug/l

RT: 4.635 min Scan# 603

Delta R.T. 0.006 min

Lab File: VX021178.D

Acq: 12 Mar 2021 12:32

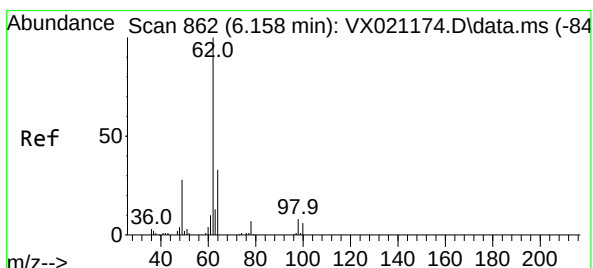
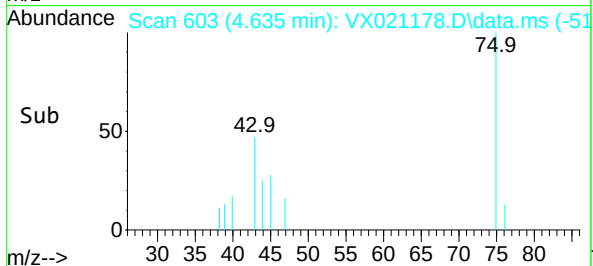
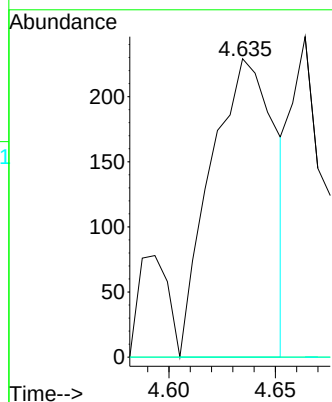
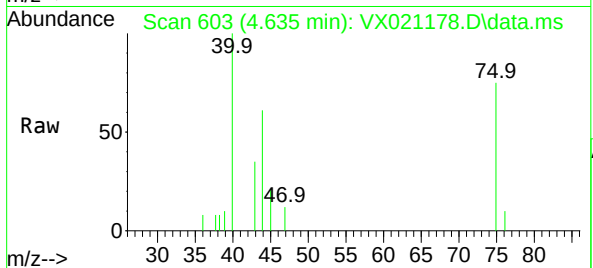
Instrument :

MSVOA_X

ClientSampled :

IBLK

Tgt Ion:	43	Resp:	483
Ion Ratio	Lower	Upper	
43	100		
57	0.0	7.2	10.8#
72	0.0	23.7	35.5#



#36

1,2-Dichloroethane

Concen: 0.28 ug/l

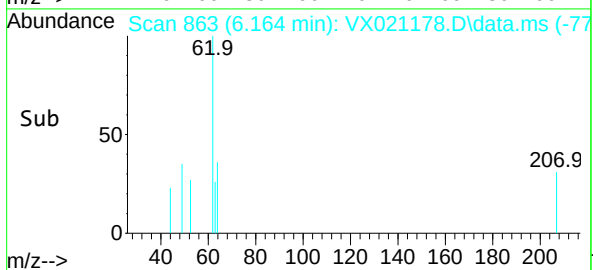
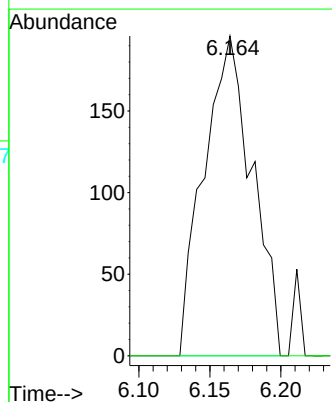
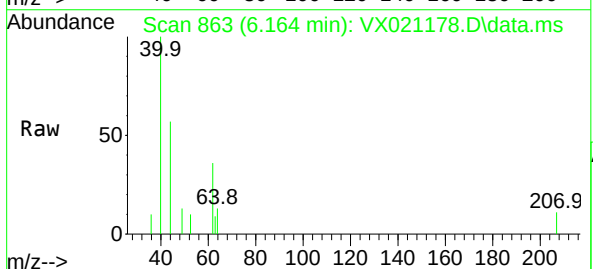
RT: 6.164 min Scan# 863

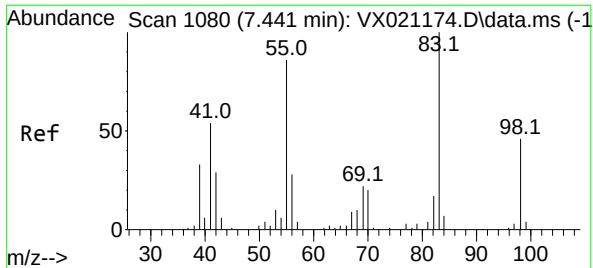
Delta R.T. 0.006 min

Lab File: VX021178.D

Acq: 12 Mar 2021 12:32

Tgt Ion:	62	Resp:	464
Ion Ratio	Lower	Upper	
62	100		
98	0.0	8.1	12.1#

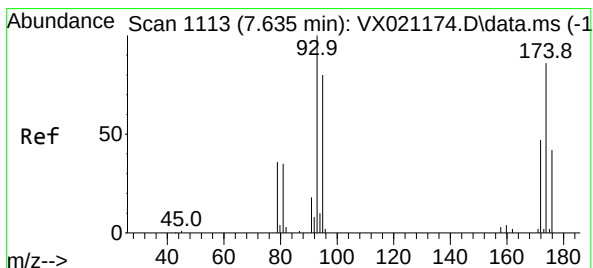
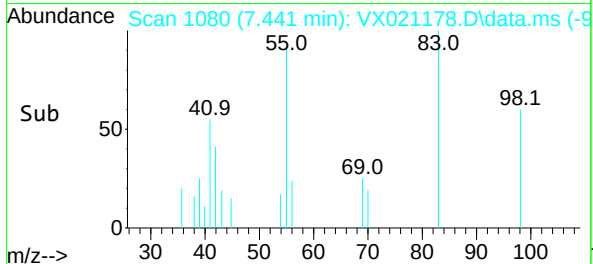
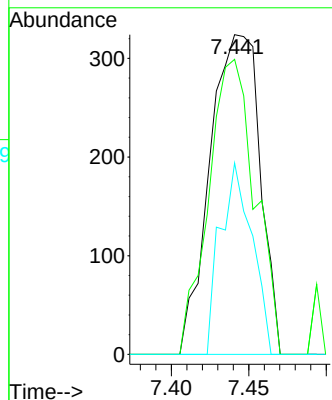
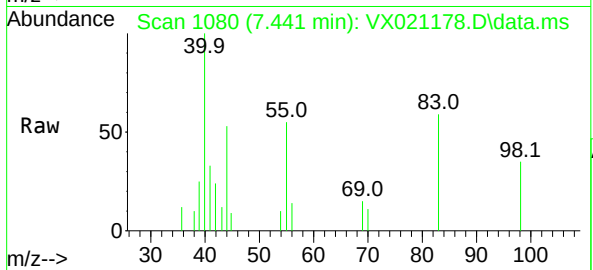




#38
Methylcyclohexane
Concen: 0.47 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

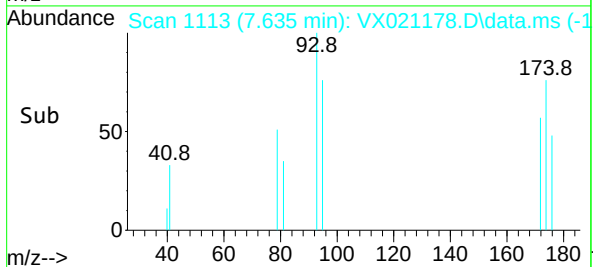
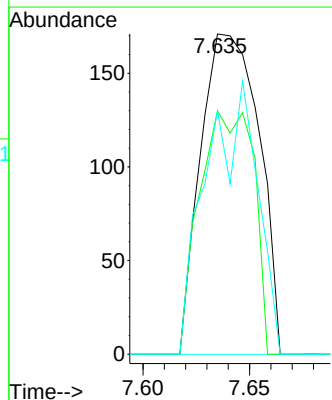
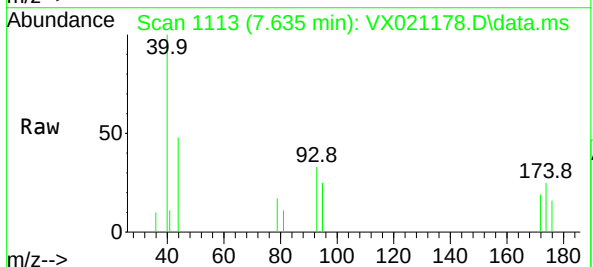
Instrument :
MSVOA_X
ClientSampled :
IBLK

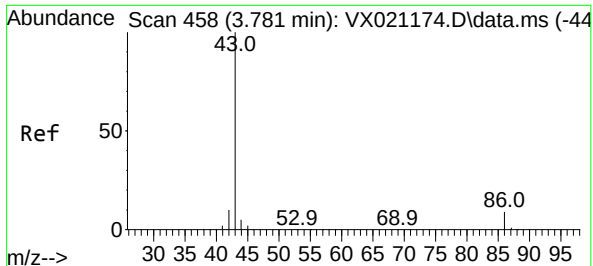
Tgt Ion: 83 Resp: 730
Ion Ratio Lower Upper
83 100
55 85.5 37.4 112.1
98 37.8 24.7 74.1



#40
Dibromomethane
Concen: 0.44 ug/l
RT: 7.635 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 93 Resp: 326
Ion Ratio Lower Upper
93 100
95 45.1 0.0 167.4
174 41.7 0.0 211.8

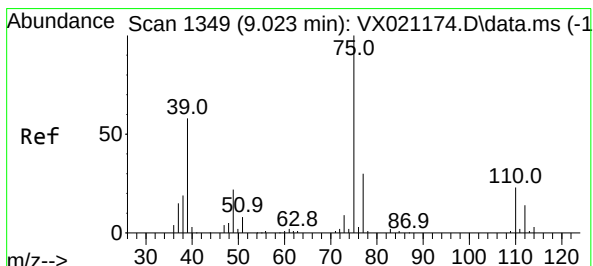
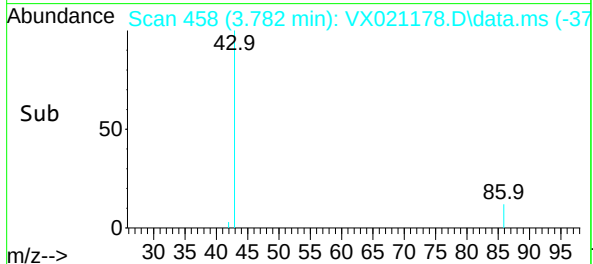
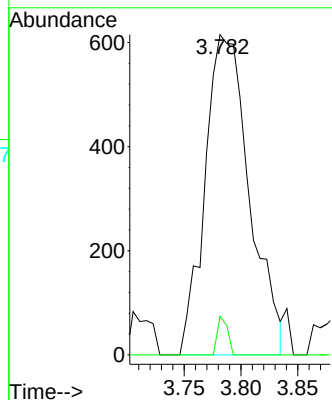
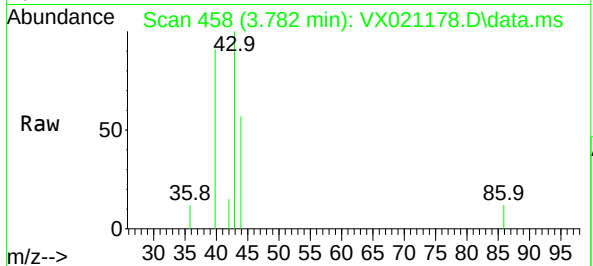




#42
 Vinyl Acetate
 Concen: 0.58 ug/l
 RT: 3.782 min Scan# 458
 Delta R.T. 0.001 min
 Lab File: VX021178.D
 Acq: 12 Mar 2021 12:32

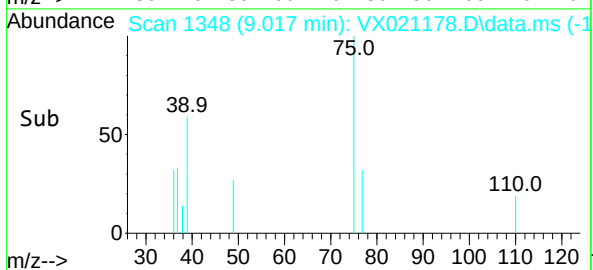
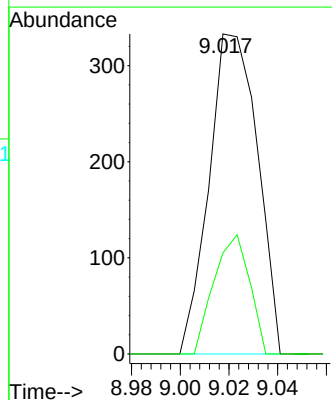
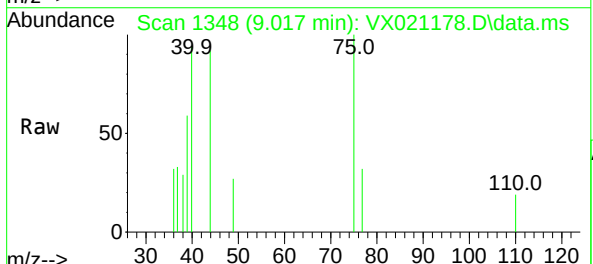
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

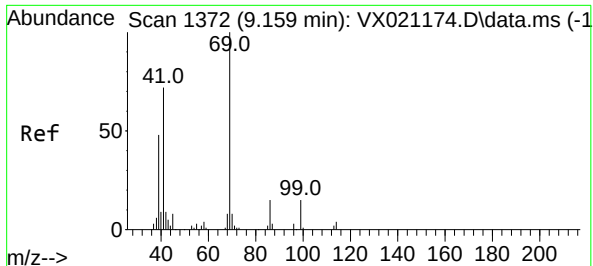
Tgt Ion: 43 Resp: 1674
 Ion Ratio Lower Upper
 43 100
 86 2.7 9.0 13.4#



#48
 t-1,3-Dichloropropene
 Concen: 0.29 ug/l
 RT: 9.017 min Scan# 1348
 Delta R.T. -0.006 min
 Lab File: VX021178.D
 Acq: 12 Mar 2021 12:32

Tgt Ion: 75 Resp: 461
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6

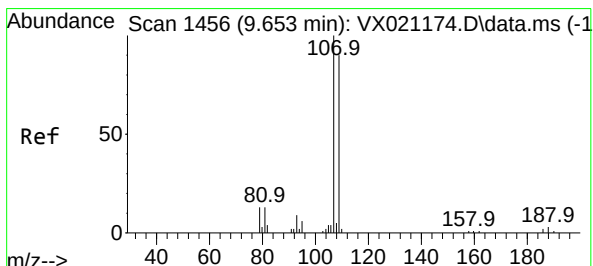
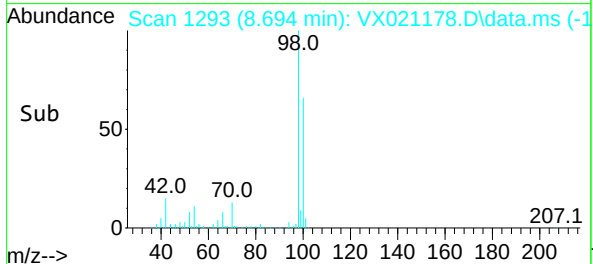
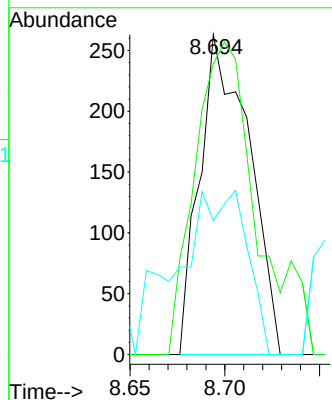
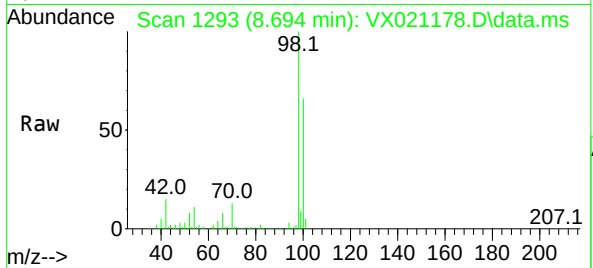




#51
Ethyl methacrylate
Concen: 0.30 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.465 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

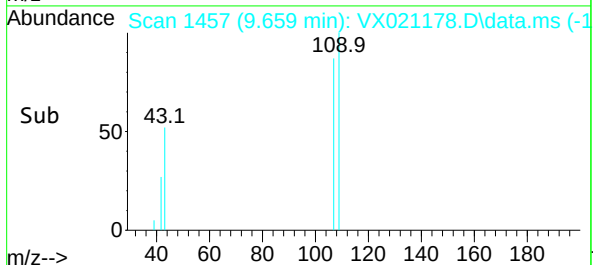
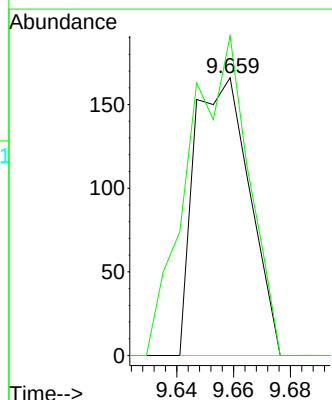
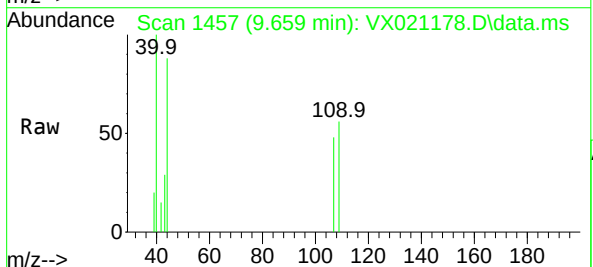
Instrument :
MSVOA_X
ClientSampleId :
IBLK

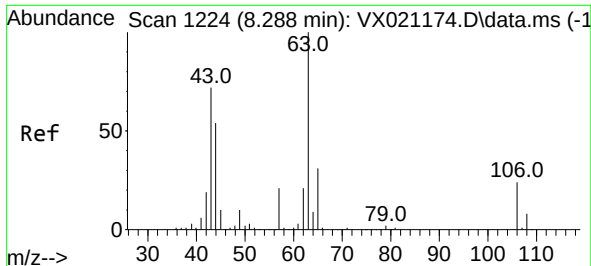
Tgt Ion: 69	Resp: 476
Ion Ratio	Lower Upper
69 100	
41 71.5	29.1 87.4
39 41.8	15.4 46.1



#54
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 9.659 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:107	Resp:	223	
Ion	Ratio	Lower	Upper
107	100		
109	125.6	73.6	110.4#

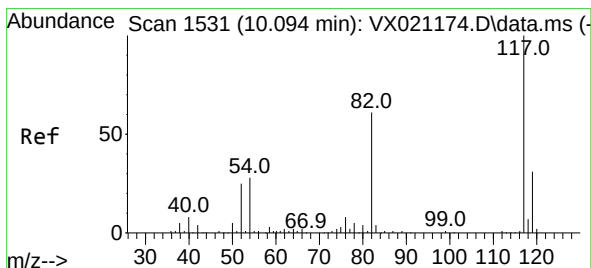
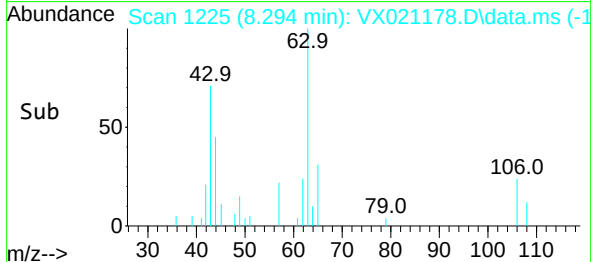
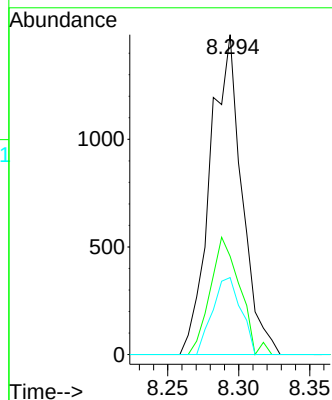
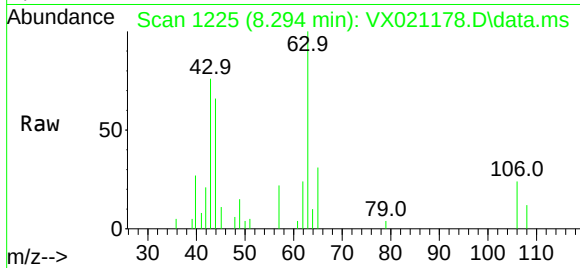




#55
2-Chloroethyl vinyl ether
Concen: 2.77 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

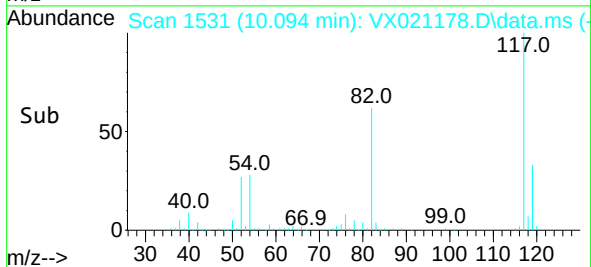
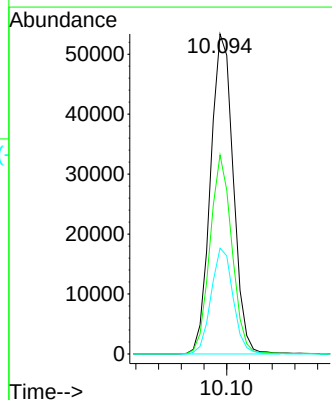
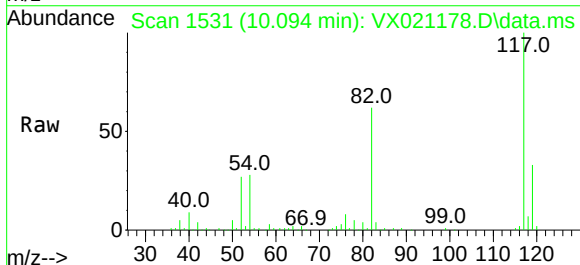
Instrument :
MSVOA_X
ClientSampled :
IBLK

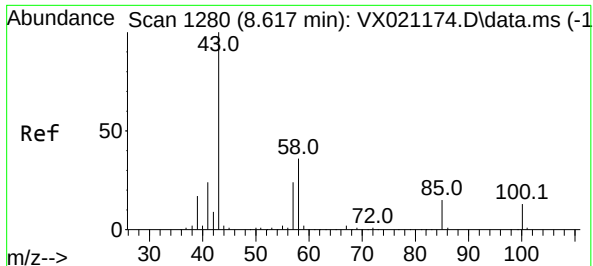
Tgt Ion:	63	Resp:	2311
Ion	Ratio	Lower	Upper
63	100		
65	33.3	25.9	38.9
106	21.5	23.9	35.9#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:	117	Resp:	74168
Ion	Ratio	Lower	Upper
117	100		
82	60.0	45.0	67.6
119	32.0	25.6	38.4

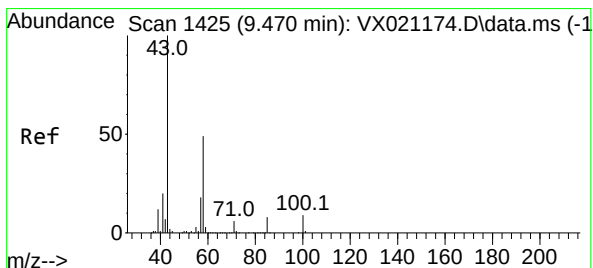
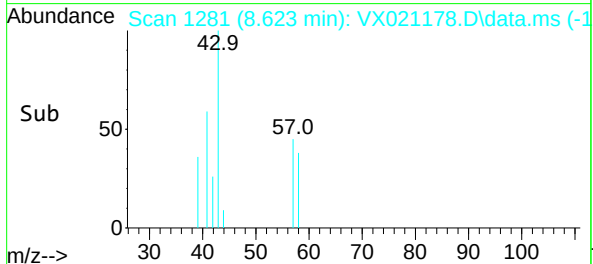
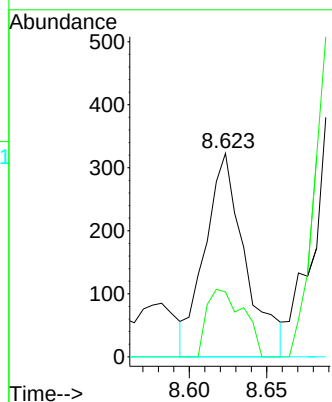
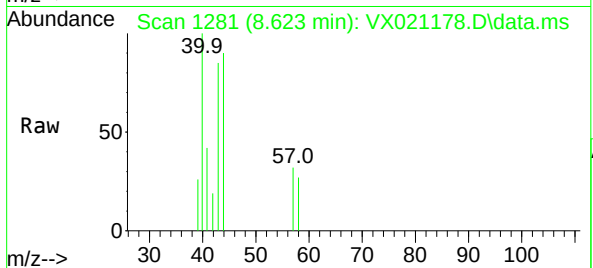




#58
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

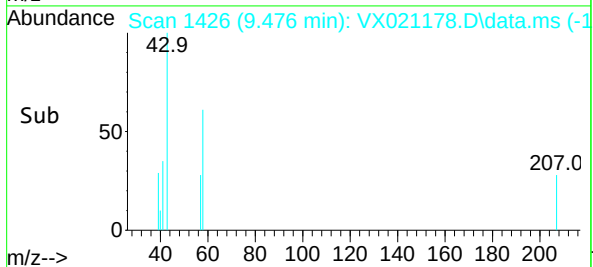
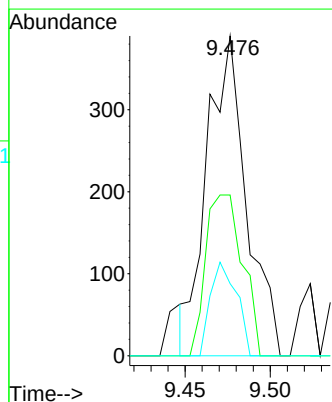
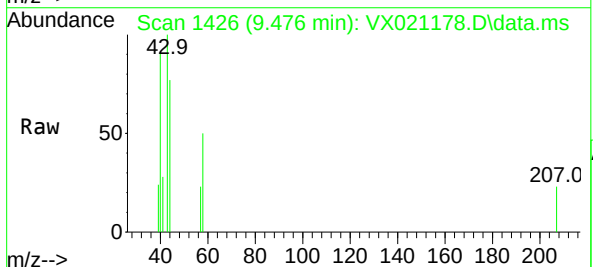
Instrument :
MSVOA_X
ClientSampled :
IBLK

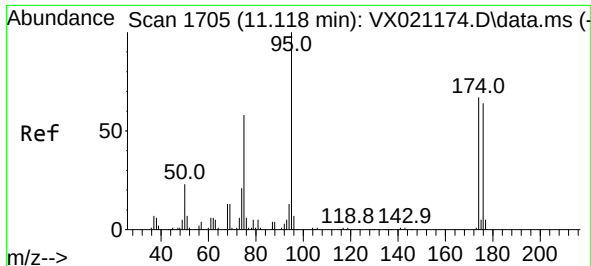
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 30.0 35.2 52.8#
85 0.0 16.8 25.2#



#59
2-Hexanone
Concen: 0.55 ug/l
RT: 9.476 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 47.0 49.0 73.6#
57 19.4 17.1 25.7

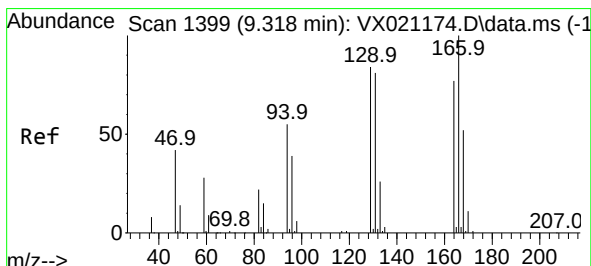
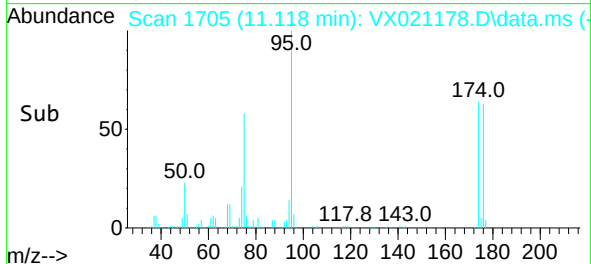
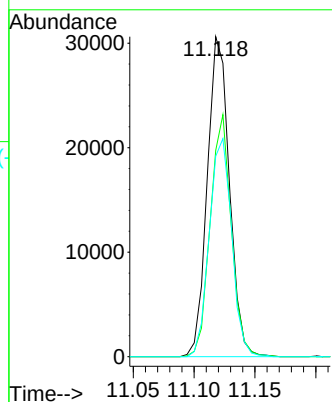
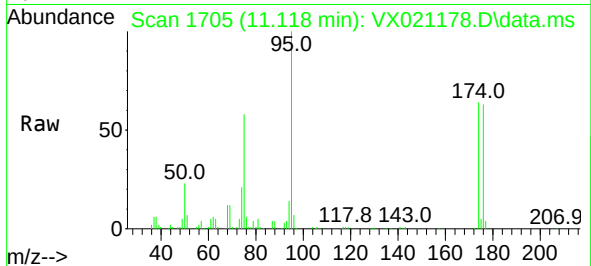




#60
4-Bromofluorobenzene
Concen: 28.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

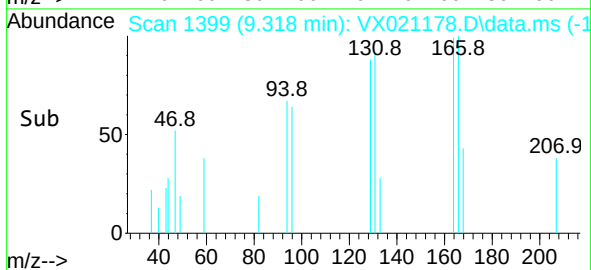
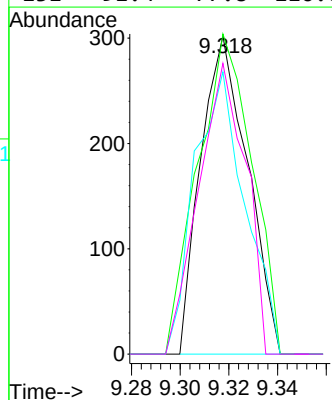
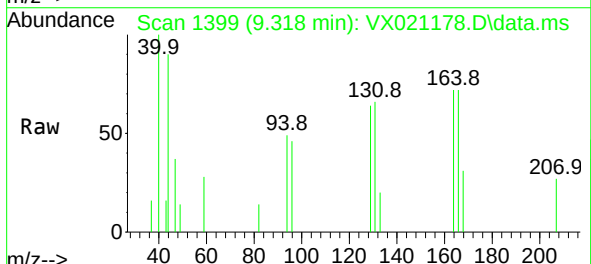
Instrument :
MSVOA_X
ClientSampleId :
IBLK

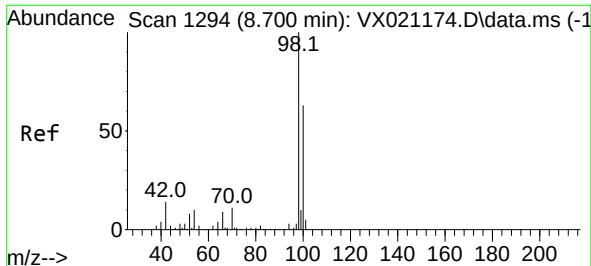
Tgt Ion: 95 Resp: 38739
Ion Ratio Lower Upper
95 100
174 71.8 63.0 94.4
176 68.9 59.9 89.9



#61
Tetrachloroethene
Concen: 0.42 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 164 Resp: 404
Ion Ratio Lower Upper
164 100
166 100.7 102.8 154.2#
129 88.7 75.8 113.8
131 91.4 77.8 116.6

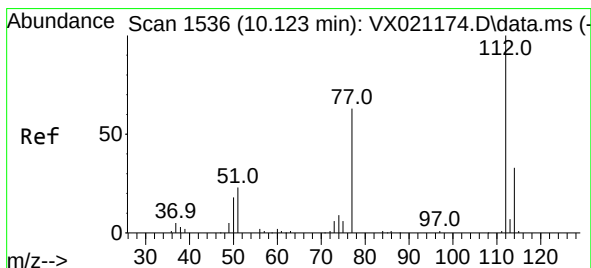
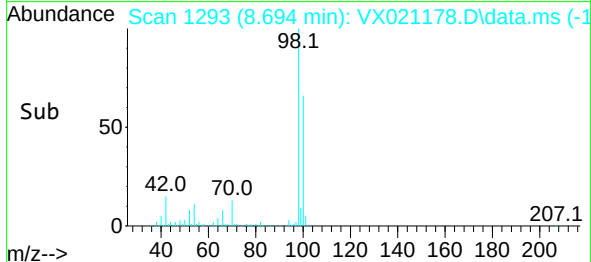
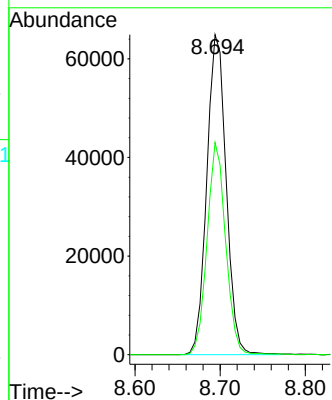
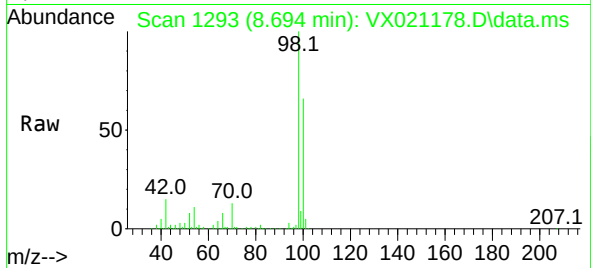




#63
Toluene-d8
Concen: 30.46 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

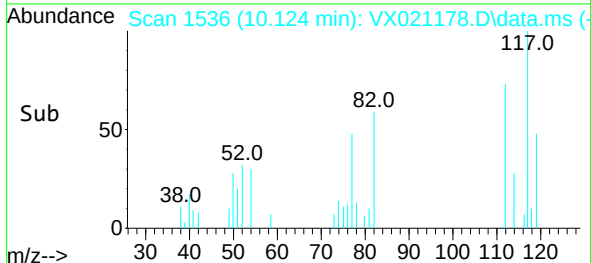
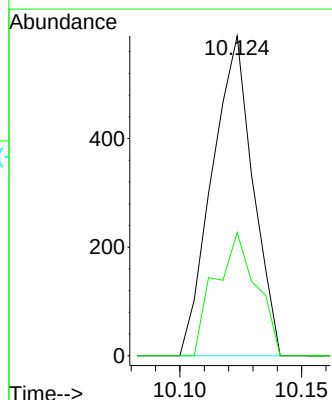
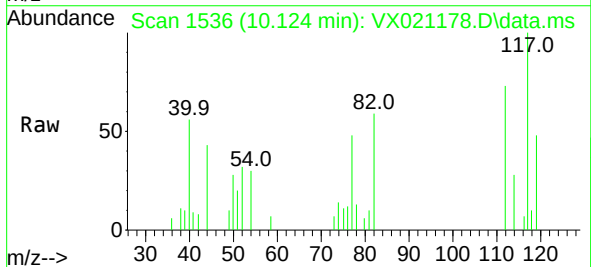
Instrument :
MSVOA_X
ClientSampleId :
IBLK

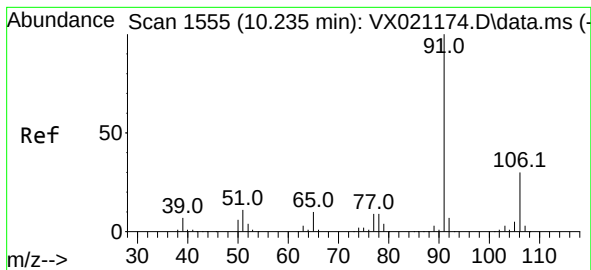
Tgt Ion: 98 Resp: 102481
Ion Ratio Lower Upper
98 100
100 63.4 53.0 79.4



#64
Chlorobenzene
Concen: 0.27 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 112 Resp: 687
Ion Ratio Lower Upper
112 100
114 38.5 25.7 38.5#

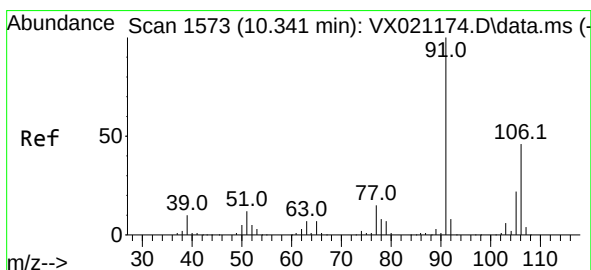
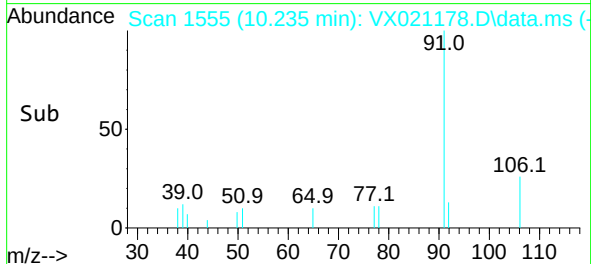
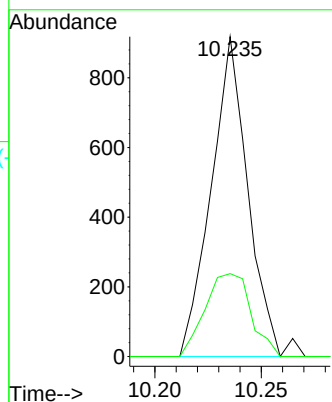
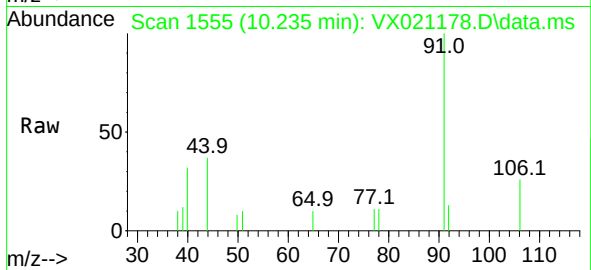




#66
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

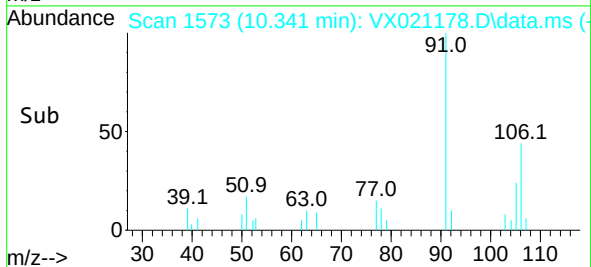
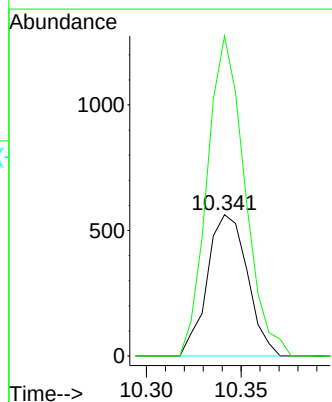
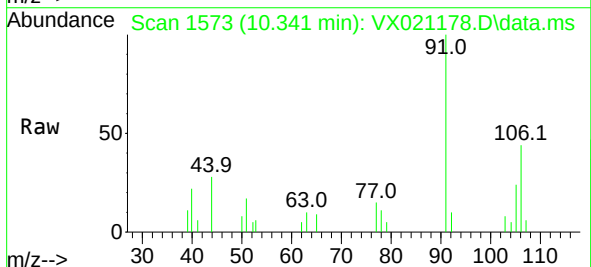
Instrument :
MSVOA_X
ClientSampled :
IBLK

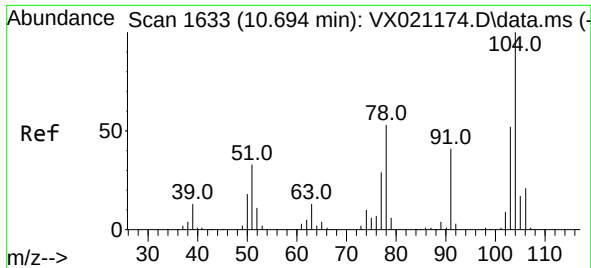
Tgt Ion: 91 Resp: 1091
Ion Ratio Lower Upper
91 100
106 25.9 25.0 37.4



#67
m/p-Xylenes
Concen: 0.49 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 106 Resp: 830
Ion Ratio Lower Upper
106 100
91 211.4 164.0 246.0

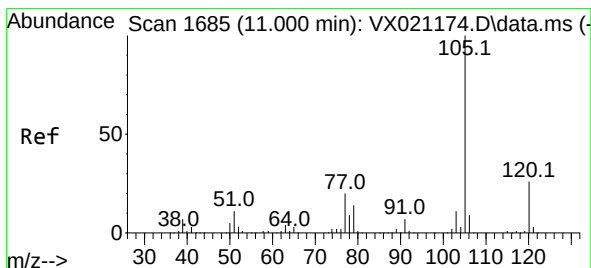
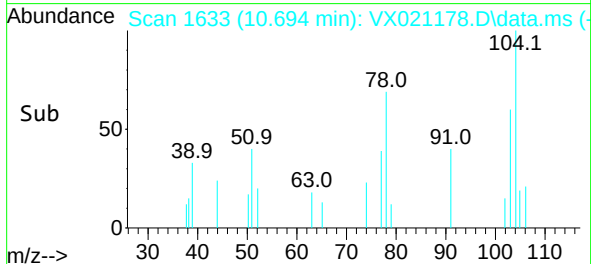
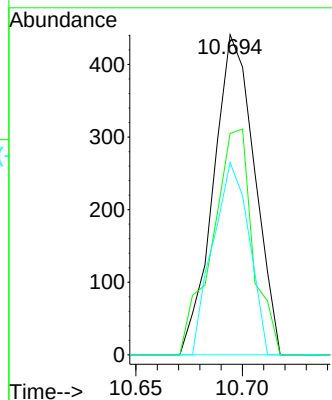
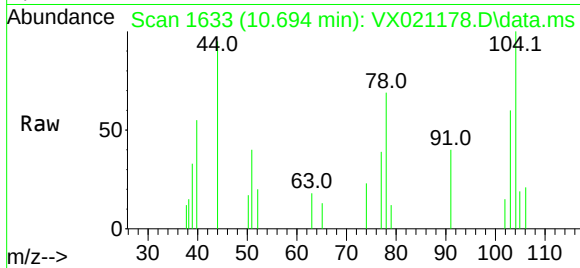




#69
Styrene
Concen: 0.21 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

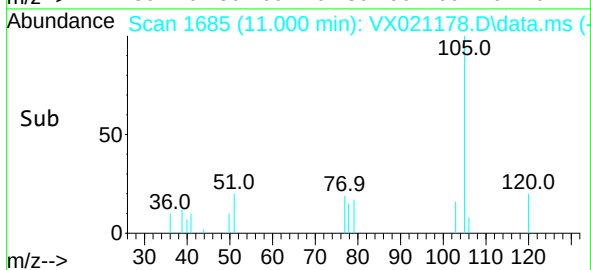
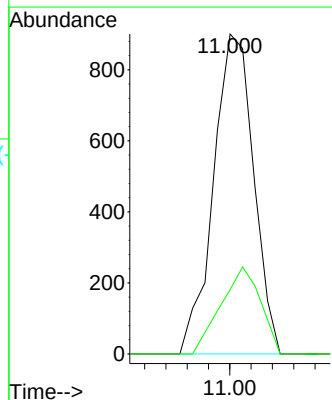
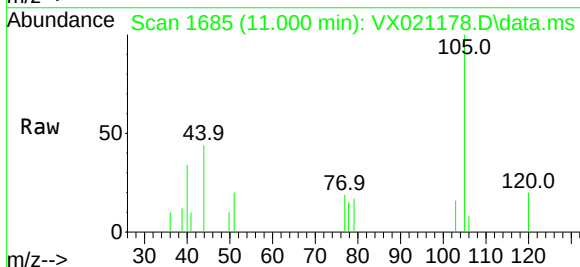
Instrument :
MSVOA_X
ClientSampled :
IBLK

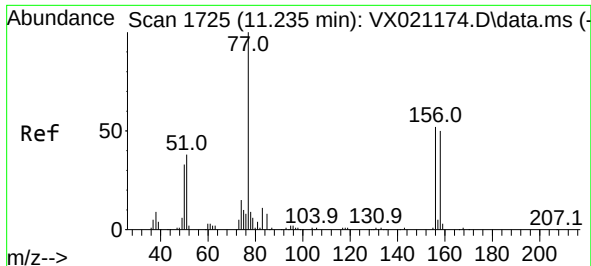
Tgt Ion:104 Resp: 592
Ion Ratio Lower Upper
104 100
78 69.3 39.2 58.8#
103 52.9 43.0 64.4



#70
Isopropylbenzene
Concen: 0.26 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:105 Resp: 1179
Ion Ratio Lower Upper
105 100
120 26.9 18.4 34.2

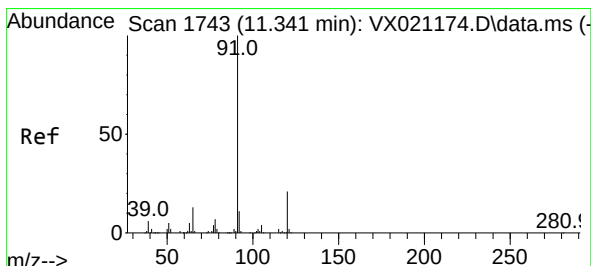
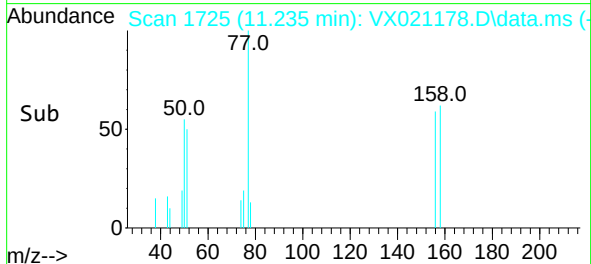
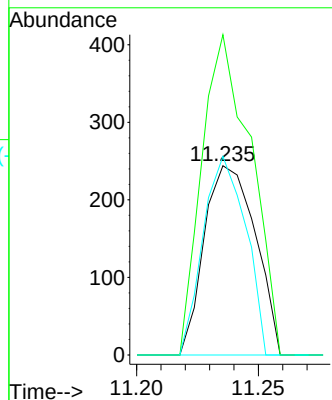
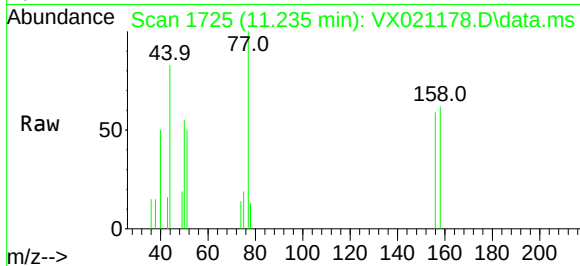




#73
Bromobenzene
Concen: 0.33 ug/l
RT: 11.235 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

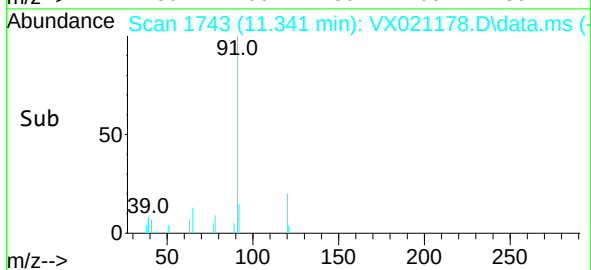
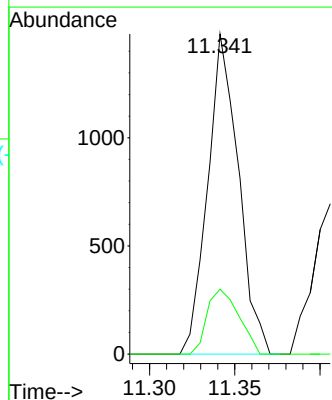
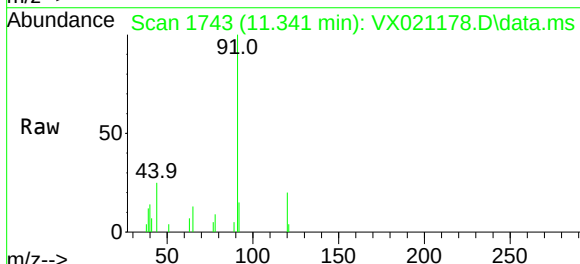
Instrument :
MSVOA_X
ClientSampled :
IBLK

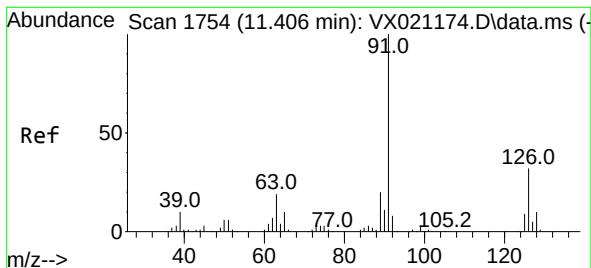
Tgt Ion:	156	Resp:	356
Ion Ratio	Lower	Upper	
156	100		
77	162.6	0.0	324.8
158	87.4	0.0	192.0



#74
n-propylbenzene
Concen: 0.35 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:	91	Resp:	1858
Ion Ratio	Lower	Upper	
91	100		
120	20.9	0.0	45.8

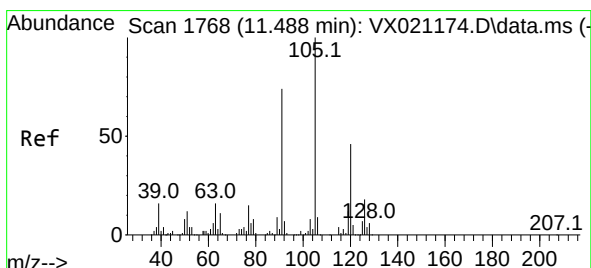
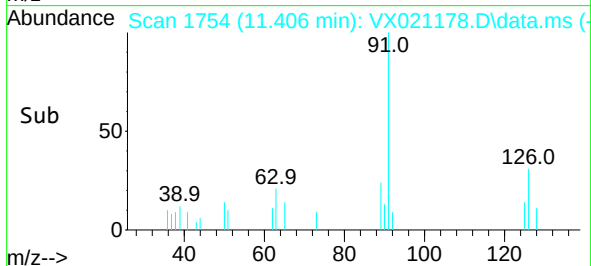
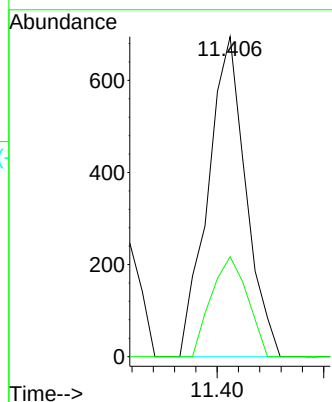
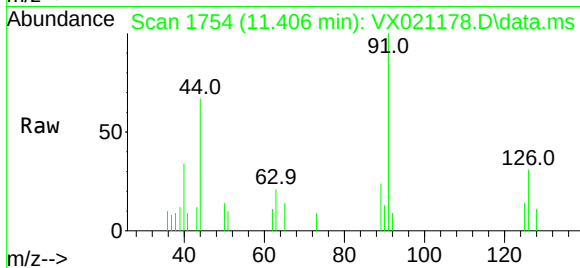




#75
2-Chlorotoluene
Concen: 0.27 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

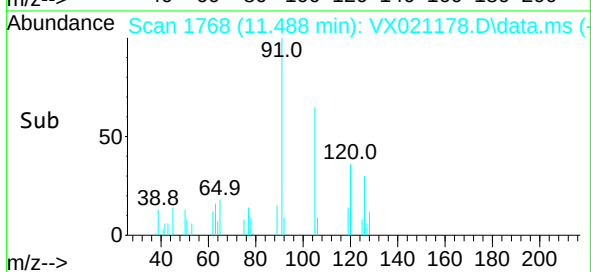
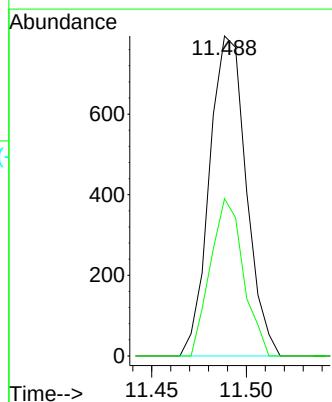
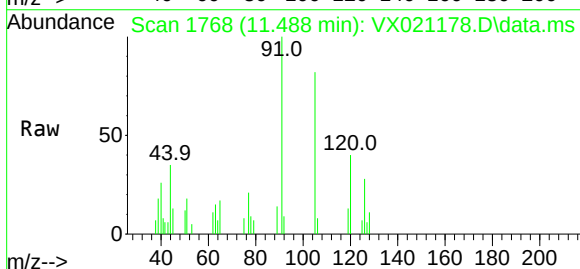
Instrument :
MSVOA_X
ClientSampled :
IBLK

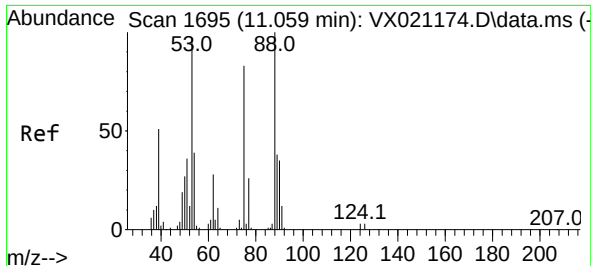
Tgt Ion: 91 Resp: 858
Ion Ratio Lower Upper
91 100
126 29.8 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 0.28 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 105 Resp: 1070
Ion Ratio Lower Upper
105 100
120 44.0 0.0 96.2

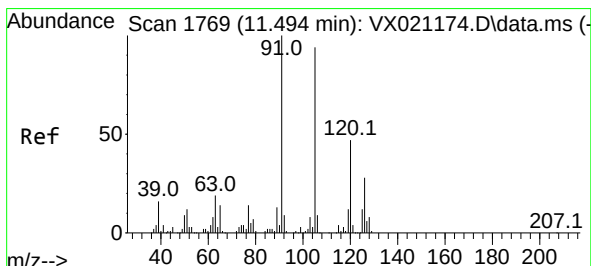
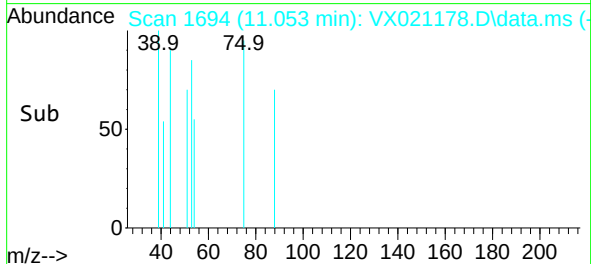
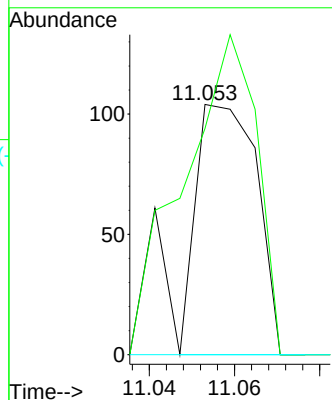
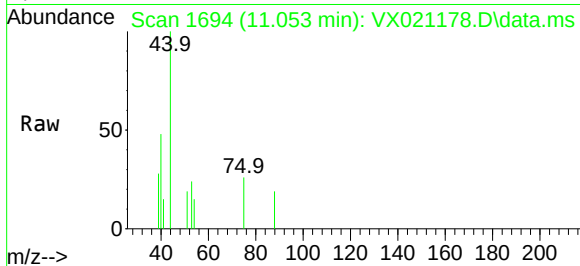




#77
t-1,4-Dichloro-2-butene
Concen: 0.22 ug/l
RT: 11.053 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

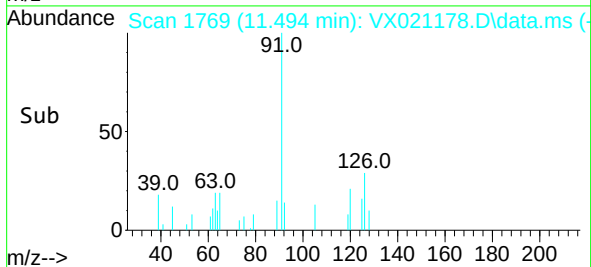
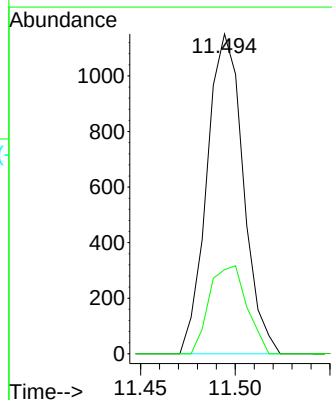
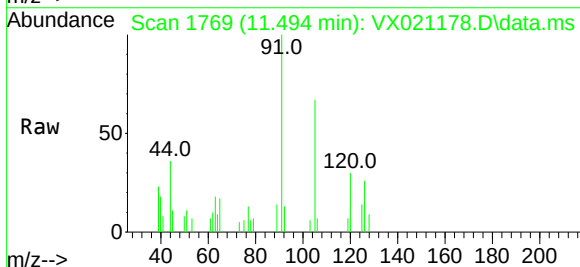
Instrument :
MSVOA_X
ClientSampled :
IBLK

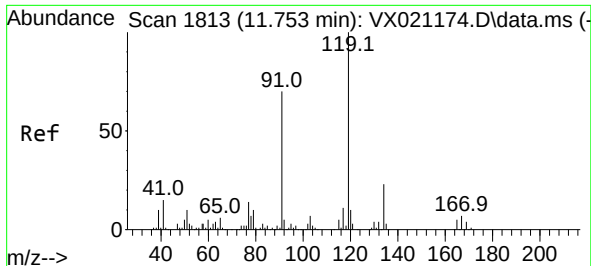
Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
53 90.4 48.4 145.0
89 0.0 22.7 68.0#



#78
4-Chlorotoluene
Concen: 0.41 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 91 Resp: 1536
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.8

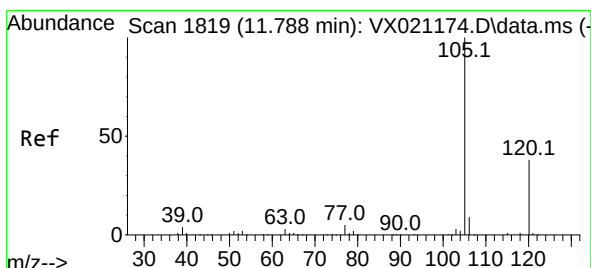
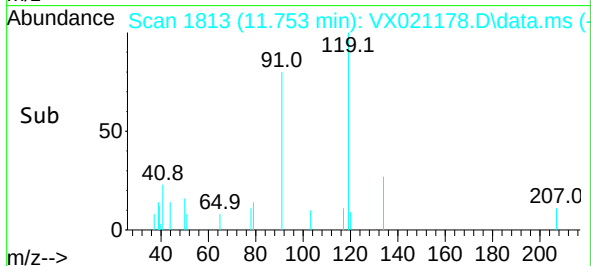
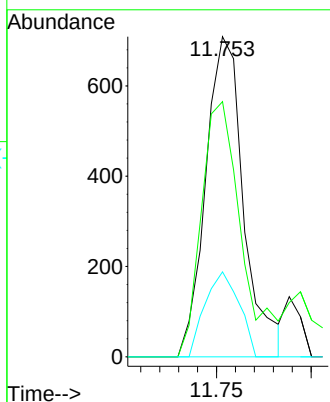
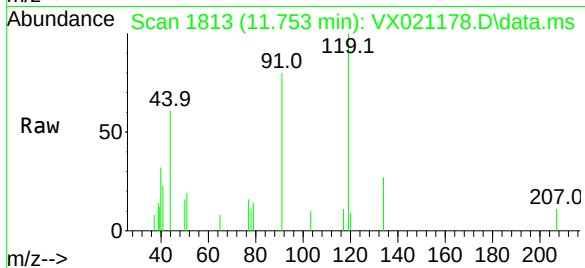




#79
tert-butylbenzene
Concen: 0.28 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

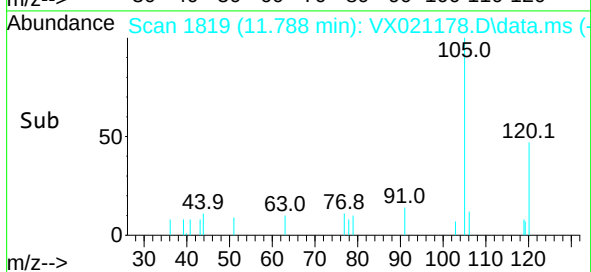
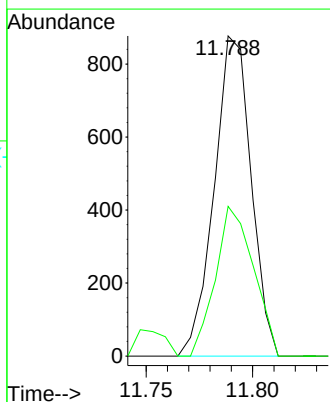
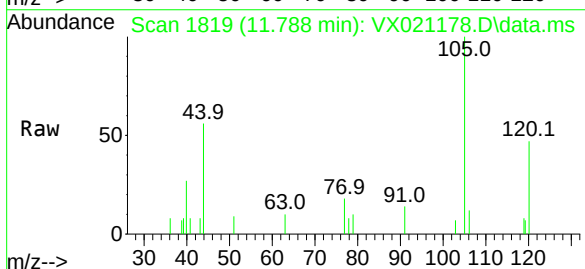
Instrument :
MSVOA_X
ClientSampled :
IBLK

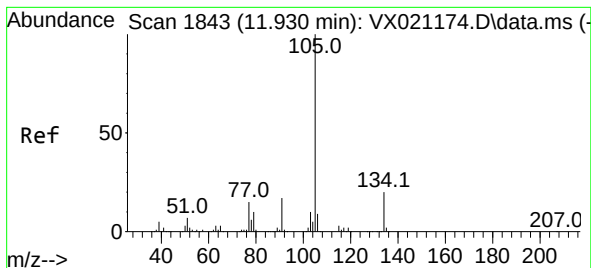
Tgt Ion:	119	Resp:	987
Ion	Ratio	Lower	Upper
119	100		
91	77.6	0.0	118.0
134	23.8	0.0	48.0



#80
1,2,4-Trimethylbenzene
Concen: 0.27 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:	105	Resp:	1057
Ion	Ratio	Lower	Upper
105	100		
120	48.3	0.0	89.8

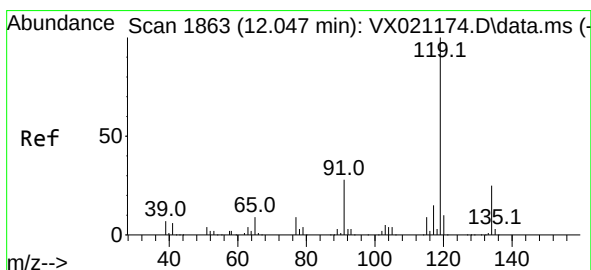
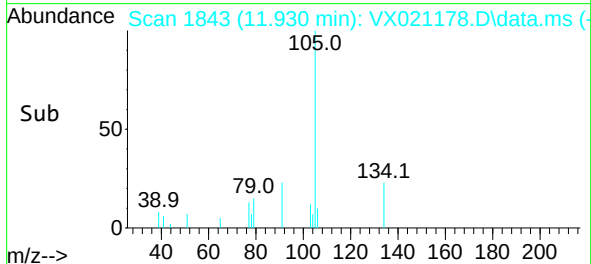
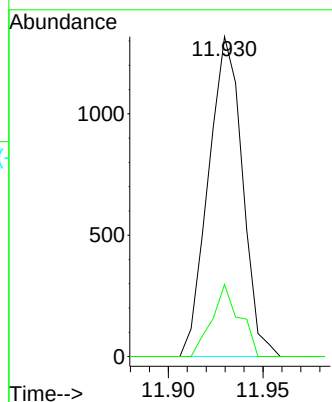
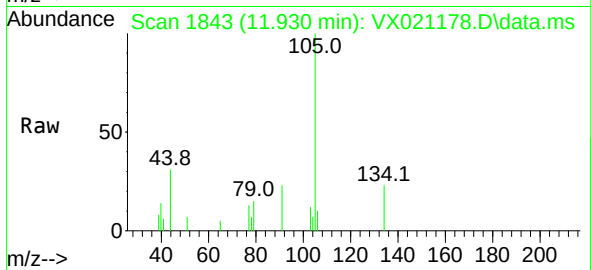




#81
 sec-Butylbenzene
 Concen: 0.39 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021178.D
 Acq: 12 Mar 2021 12:32

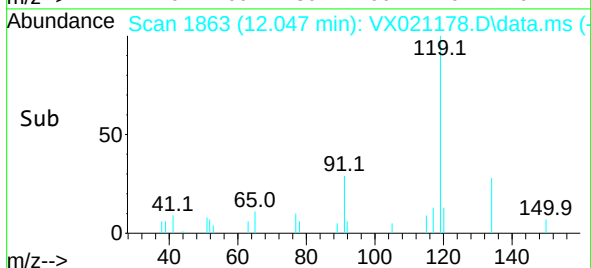
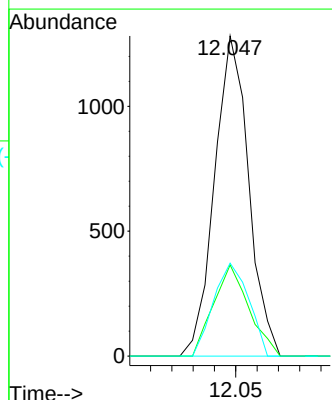
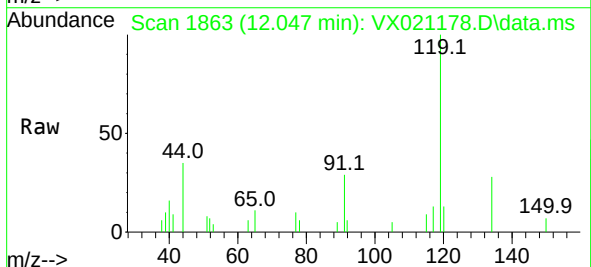
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

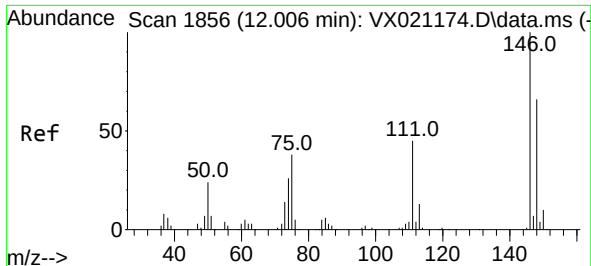
Tgt Ion:105 Resp: 1648
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 0.37 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021178.D
 Acq: 12 Mar 2021 12:32

Tgt Ion:119 Resp: 1425
 Ion Ratio Lower Upper
 119 100
 134 29.6 0.0 52.8
 91 30.0 0.0 47.4

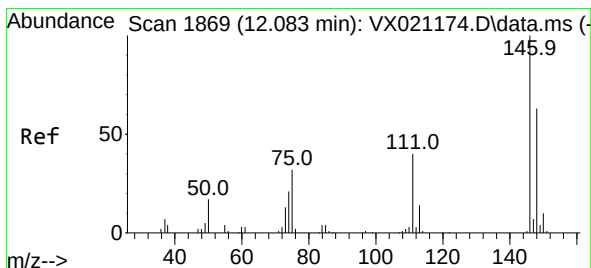
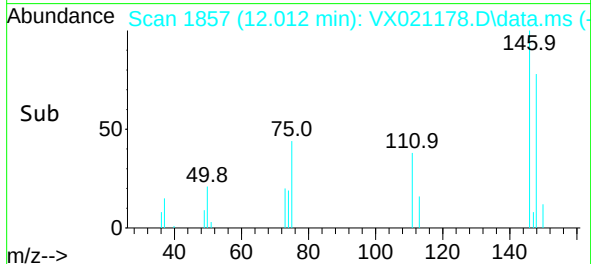
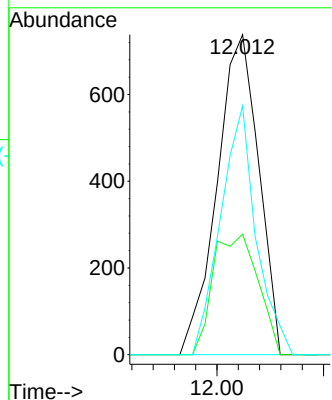
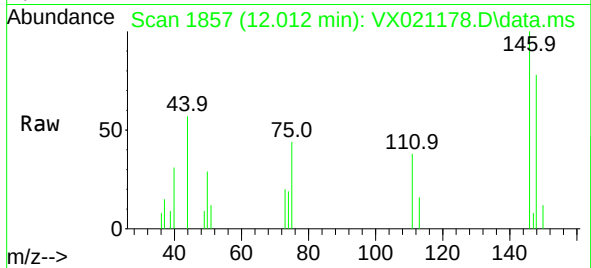




#83
1,3-Dichlorobenzene
Concen: 0.53 ug/l
RT: 12.012 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

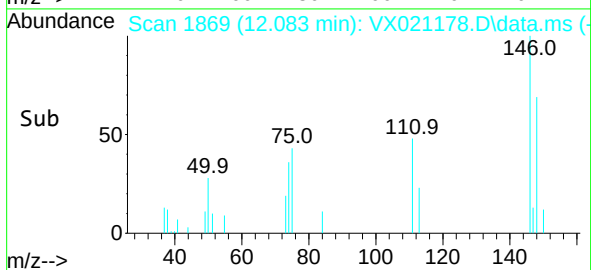
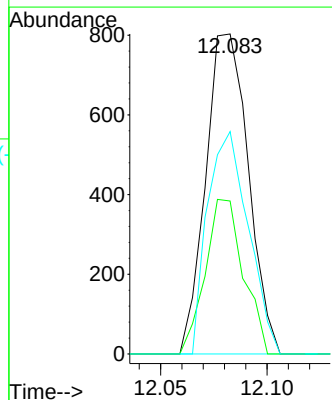
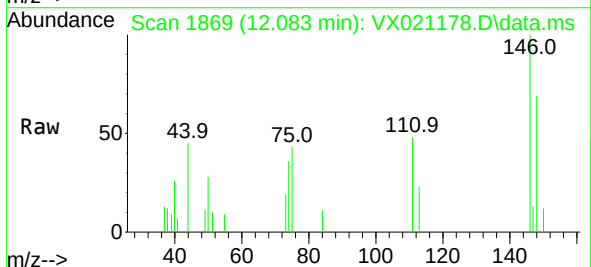
Instrument :
MSVOA_X
ClientSampled :
IBLK

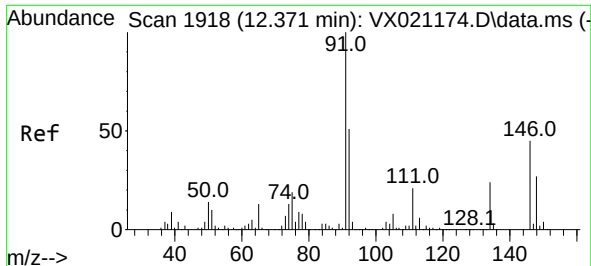
Tgt Ion:146 Resp: 1004
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 66.4 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 0.58 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:146 Resp: 1120
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 66.5 31.9 95.5

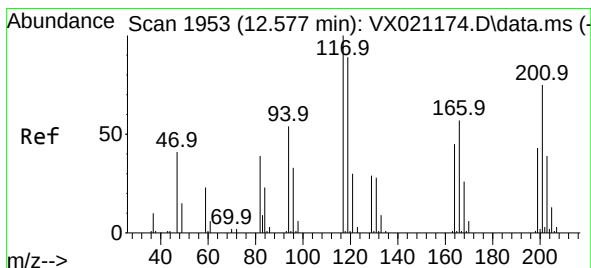
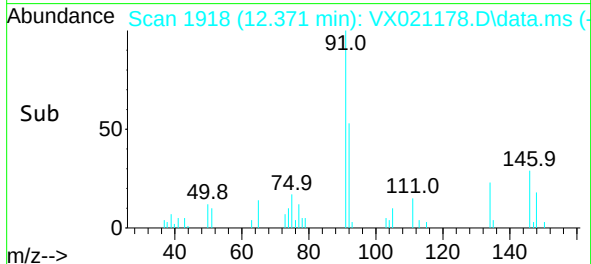
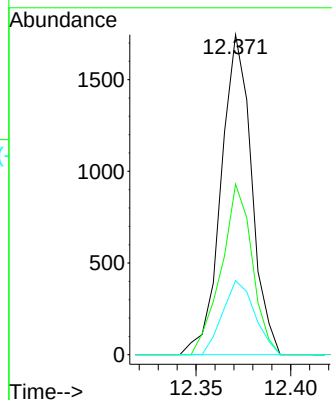
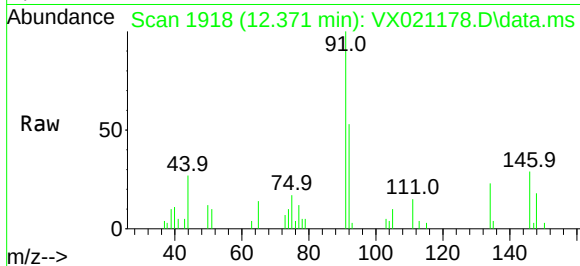




#85
n-Butylbenzene
Concen: 0.54 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

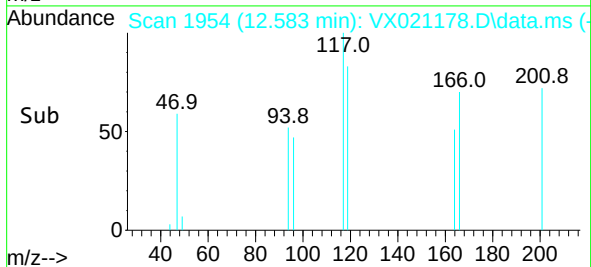
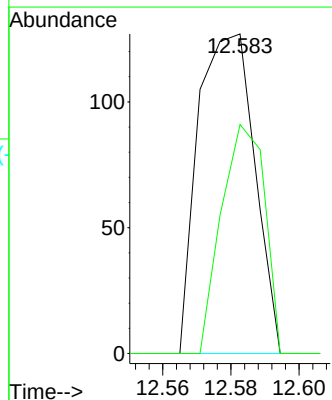
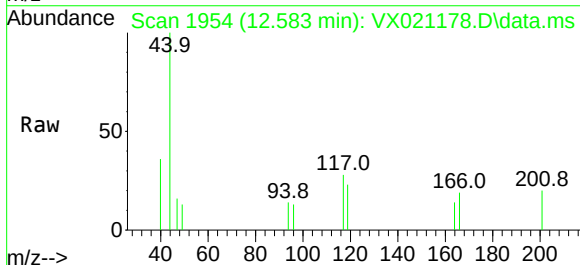
Instrument :
MSVOA_X
ClientSampled :
IBLK

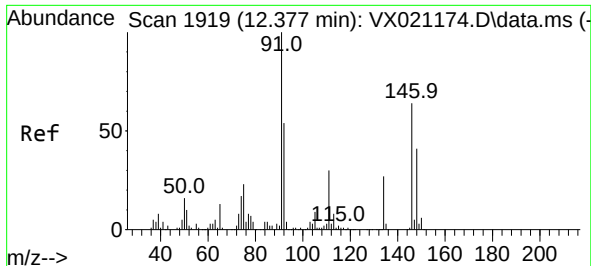
Tgt Ion:	91	Resp:	1956
Ion	Ratio	Lower	Upper
91	100		
92	53.9	0.0	109.0
134	24.4	0.0	51.8



#86
Hexachloroethane
Concen: 0.20 ug/l
RT: 12.583 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:	117	Resp:	146
Ion	Ratio	Lower	Upper
117	100		
201	54.8	40.5	121.4

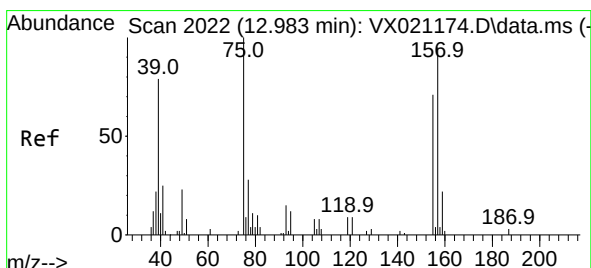
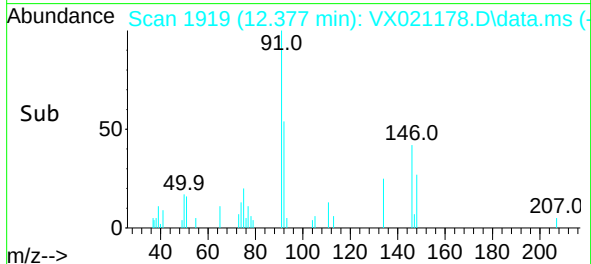
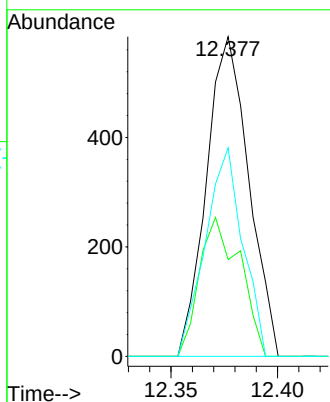
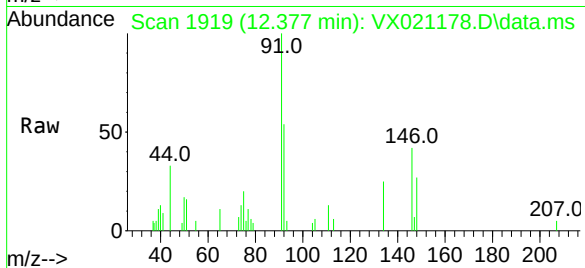




#87
1,2-Dichlorobenzene
Concen: 0.43 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

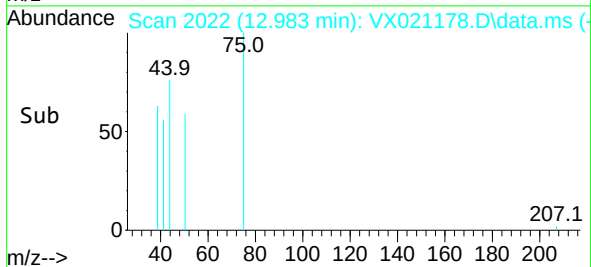
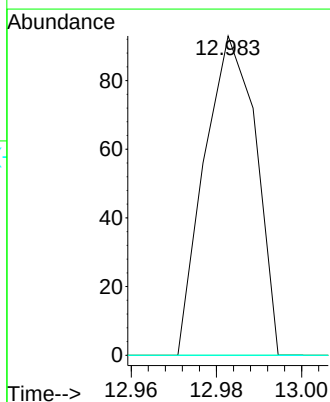
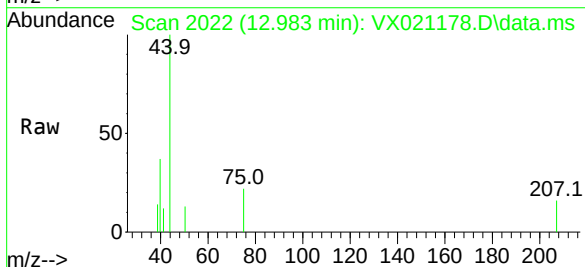
Instrument :
MSVOA_X
ClientSampled :
IBLK

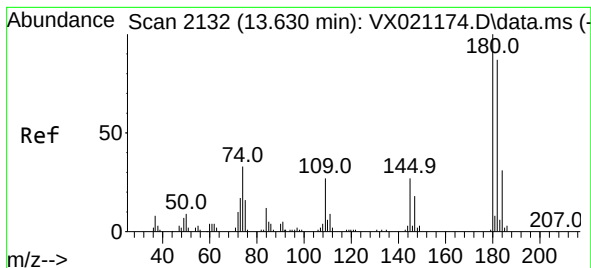
Tgt Ion:146 Resp: 807
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 57.6 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.22 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
155 0.0 68.9 103.3#
157 0.0 91.3 136.9#

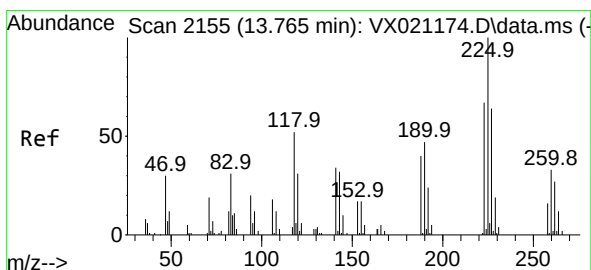
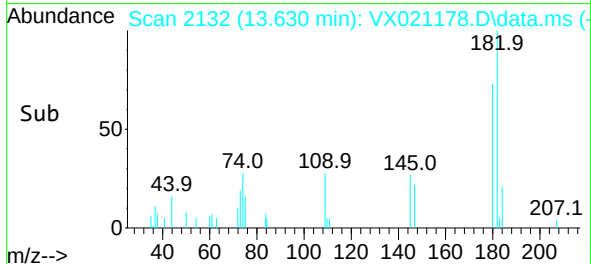
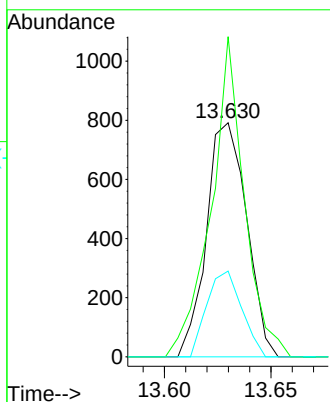
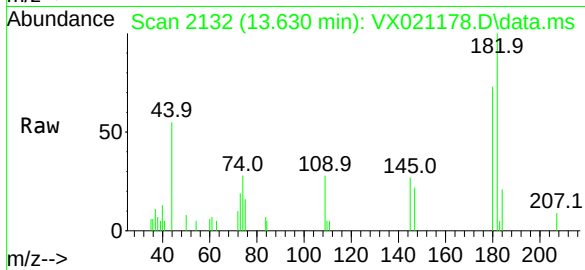




#89
1,2,4-Trichlorobenzene
Concen: 0.88 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

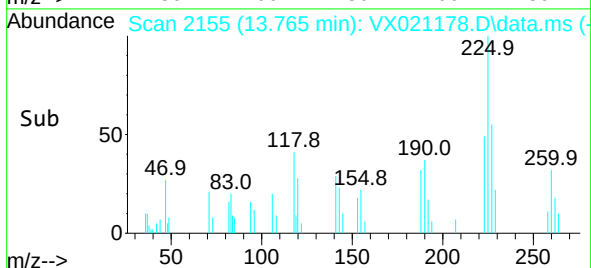
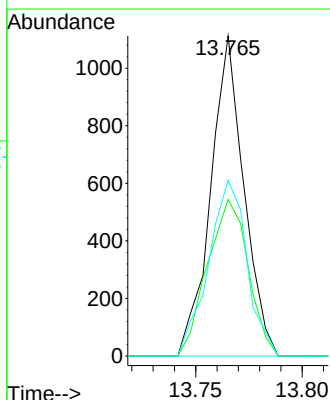
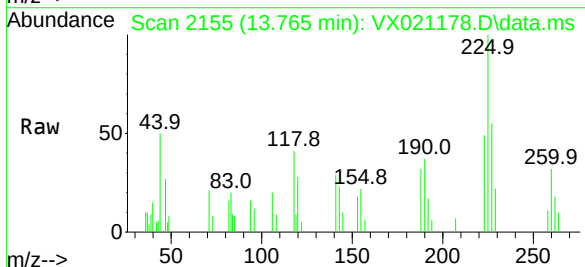
Instrument :
MSVOA_X
ClientSampled :
IBLK

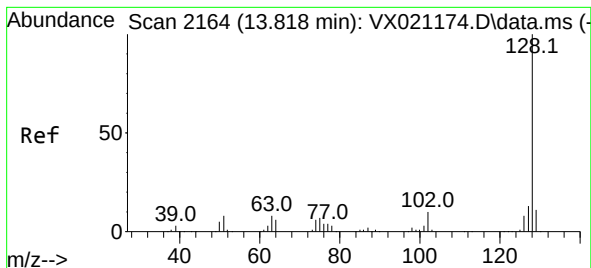
Tgt Ion:	180	Resp:	1039
Ion Ratio	Lower	Upper	
180	100		
182	112.9	77.9	116.9
145	31.8	24.3	36.5



#90
Hexachlorobutadiene
Concen: 2.35 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:	225	Resp:	1208
Ion Ratio	Lower	Upper	
225	100		
223	59.9	0.0	129.4
227	63.2	0.0	130.4

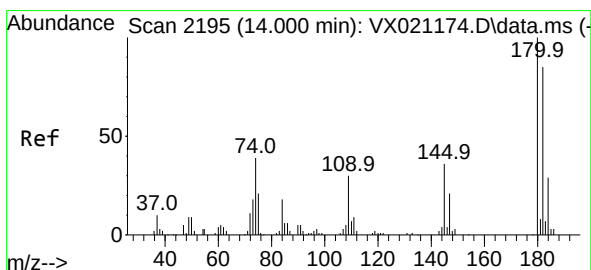
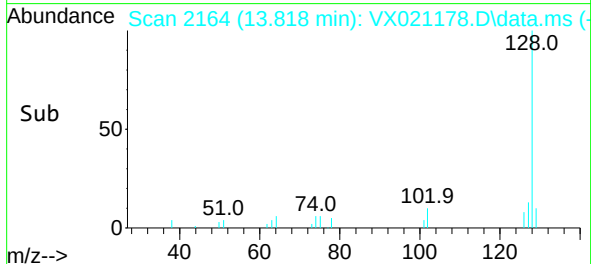
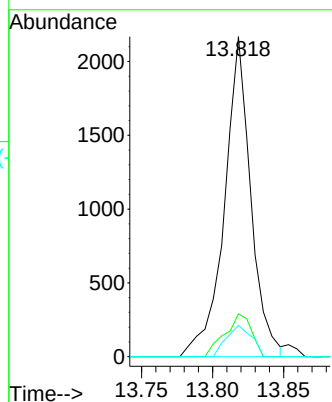
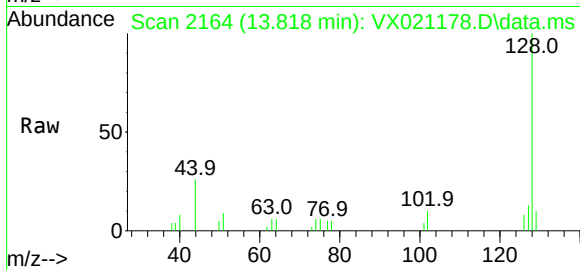




#91
Naphthalene
Concen: 0.74 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:128 Resp: 2802
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 9.3 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 0.97 ug/l
RT: 14.006 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VX021178.D
Acq: 12 Mar 2021 12:32

Tgt Ion:180 Resp: 1110
Ion Ratio Lower Upper
180 100
182 92.7 0.0 192.4
145 36.5 0.0 66.4

