

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020908.D
 Acq On : 25 Feb 2021 11:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 25 12:06:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 25 11:34:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	35407	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	201785	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	175523	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	75690	30.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.03%
60) 4-Bromofluorobenzene	11.118	95	83499	28.62	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.40%
63) Toluene-d8	8.694	98	236134	29.57	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.57%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	692	0.36	ug/l	84
3) Chloromethane	1.317	50	806	0.39	ug/l	92
4) Vinyl Chloride	1.393	62	737	0.30	ug/l #	86
5) Bromomethane	1.634	94	1377	1.31	ug/l	100
6) Chloroethane	1.711	64	315	0.20	ug/l #	66
7) Trichlorofluoromethane	1.917	101	776	0.25	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.364	101	761	0.39	ug/l	95
10) 1,1-Dichloroethene	2.358	96	777	0.38	ug/l	95
11) Methyl Iodide	2.493	142	2131	0.83	ug/l	98
12) Methyl Acetate	2.746	43	553	0.25	ug/l	91
13) Acrolein	2.340	56	69	0.22	ug/l	88
14) Acrylonitrile	3.117	53	1658	1.48	ug/l	96
15) Acetone	2.417	58	310	0.92	ug/l	87
16) Carbon Disulfide	2.552	76	9390	1.65	ug/l	95
17) Allyl chloride	2.705	41	768	0.24	ug/l	91
18) Methylene Chloride	2.840	84	1153	0.50	ug/l #	85
19) trans-1,2-Dichloroethene	3.140	96	1564	0.69	ug/l	91
22) cis-1,2-Dichloroethene	4.564	96	726	0.28	ug/l #	59
23) tert-Butyl Alcohol	2.987	59	373	0.73	ug/l #	1
26) Cyclohexane	5.558	56	972	0.28	ug/l #	85
29) 1,1-Dichloropropene	5.764	75	1364	0.45	ug/l	83
36) 1,2-Dichloroethane	6.164	62	744	0.24	ug/l #	92
37) Trichloroethene	7.188	130	1194	0.48	ug/l #	73
38) Methylcyclohexane	7.441	83	1876	0.48	ug/l	98
40) Dibromomethane	7.647	93	629	0.40	ug/l	91
42) Vinyl Acetate	3.787	43	2585	0.46	ug/l #	94
45) 1,4-Dioxane	7.723	88	142	2.50	ug/l #	79
48) t-1,3-Dichloropropene	9.023	75	1273	0.35	ug/l	95
49) cis-1,3-Dichloropropene	8.412	75	939	0.24	ug/l #	89
54) 1,2-Dibromoethane	9.653	107	611	0.25	ug/l	95
55) 2-Chloroethyl vinyl ether	8.288	63	3124	1.80	ug/l	98
58) 4-Methyl-2-Pentanone	8.617	43	1024	0.37	ug/l	92
59) 2-Hexanone	9.471	43	912	0.43	ug/l #	89
61) Tetrachloroethene	9.318	164	971	0.46	ug/l #	68
62) Toluene	8.765	91	2322	0.24	ug/l	93
64) Chlorobenzene	10.118	112	1693	0.28	ug/l	92
66) Ethyl Benzene	10.235	91	2713	0.25	ug/l #	85
67) m/p-Xylenes	10.341	106	2279	0.57	ug/l	98
68) o-Xylene	10.682	106	849	0.22	ug/l	94

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

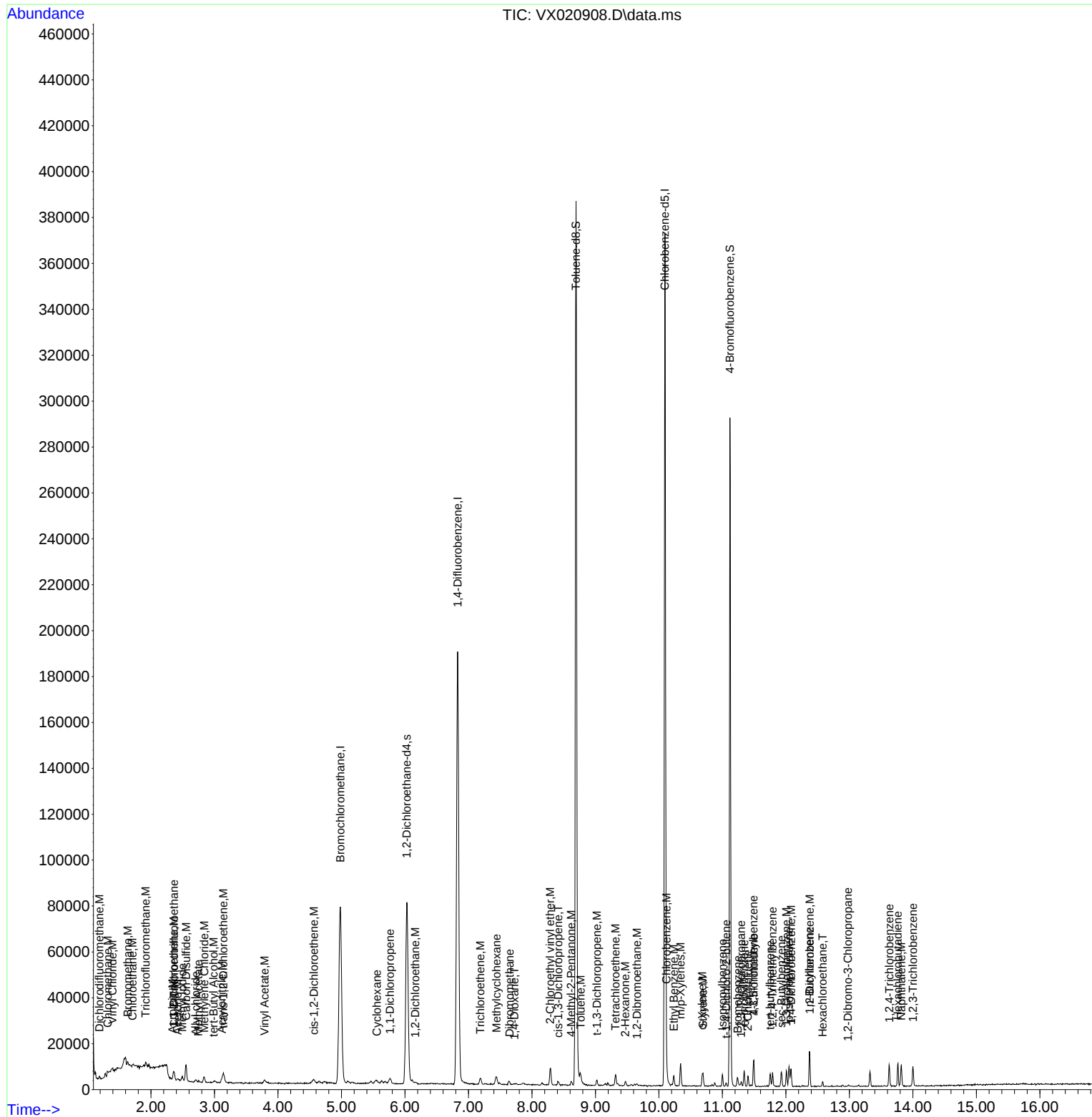
69) Styrene	10.694	104	1792	0.27	ug/l	98
70) Isopropylbenzene	11.000	105	2556	0.25	ug/l	94
72) 1,2,3-Trichloropropane	11.294	75	824	0.28	ug/l	69
73) Bromobenzene	11.241	156	785	0.32	ug/l	88
74) n-propylbenzene	11.341	91	4315	0.36	ug/l	100
75) 2-Chlorotoluene	11.400	91	2243	0.32	ug/l	97
76) 1,3,5-Trimethylbenzene	11.488	105	2631	0.31	ug/l	99
77) t-1,4-Dichloro-2-butene	11.059	75	331	0.27	ug/l #	77
78) 4-Chlorotoluene	11.494	91	3614	0.44	ug/l	98
79) tert-butylbenzene	11.753	119	2122	0.26	ug/l	92
80) 1,2,4-Trimethylbenzene	11.788	105	2554	0.29	ug/l	96
81) sec-Butylbenzene	11.930	105	3741	0.38	ug/l	99
82) p-Isopropyltoluene	12.047	119	3700	0.41	ug/l	96
83) 1,3-Dichlorobenzene	12.006	146	2291	0.51	ug/l	99
84) 1,4-Dichlorobenzene	12.083	146	2596	0.59	ug/l	97
85) n-Butylbenzene	12.371	91	4511	0.56	ug/l	97
86) Hexachloroethane	12.577	117	424	0.25	ug/l	60
87) 1,2-Dichlorobenzene	12.377	146	1533	0.37	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.977	75	156	0.21	ug/l #	70
89) 1,2,4-Trichlorobenzene	13.630	180	2558	0.92	ug/l	91
90) Hexachlorobutadiene	13.759	225	1411	1.24	ug/l	95
91) Naphthalene	13.818	128	7061	0.73	ug/l	96
92) 1,2,3-Trichlorobenzene	14.001	180	2307	0.84	ug/l	98

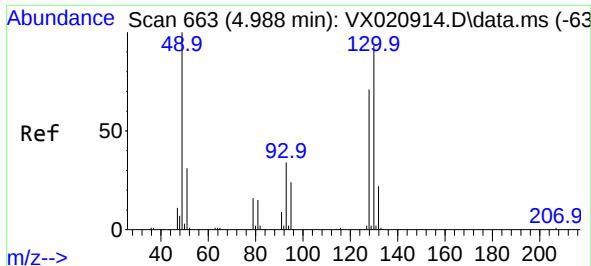
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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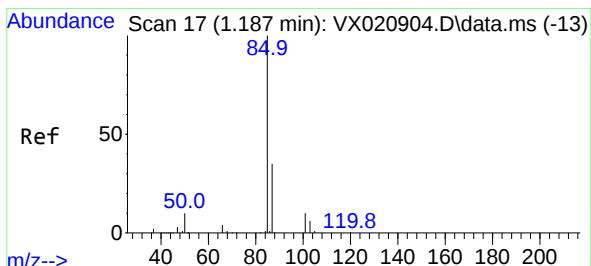
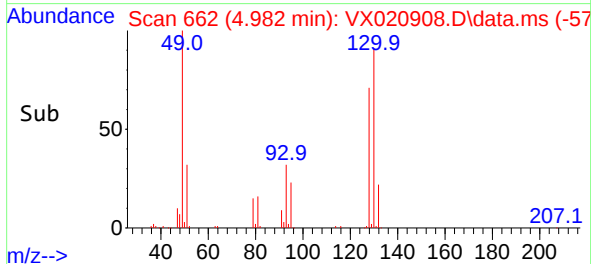
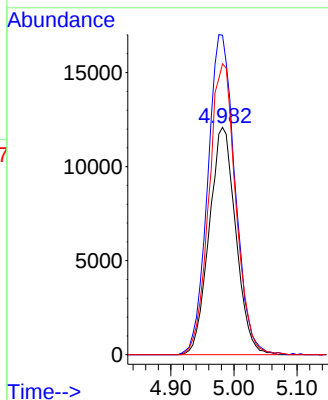
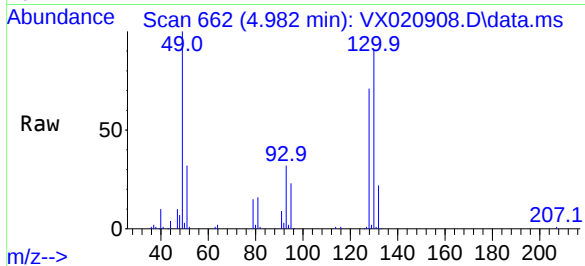




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

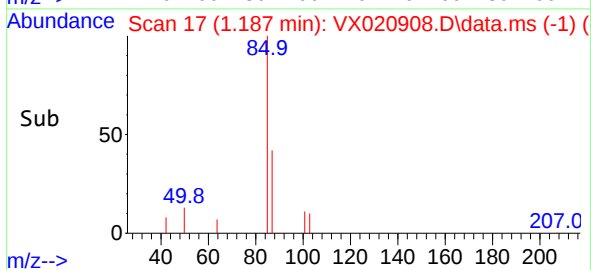
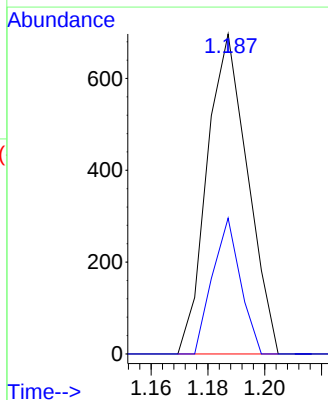
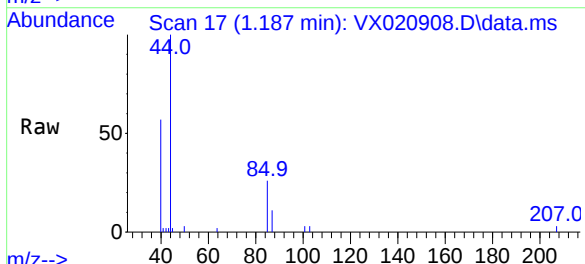
Instrument :
MSVOA_X
ClientSampled :
IBLK

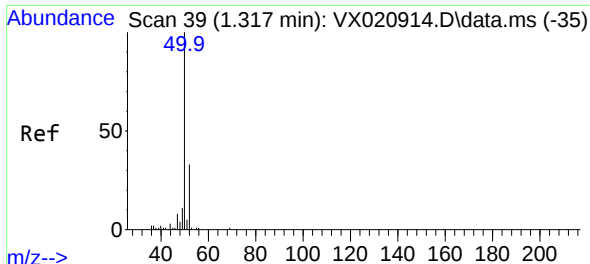
Tgt Ion:128 Resp: 35407
Ion Ratio Lower Upper
128 100
49 144.2 0.0 367.5
130 129.2 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 0.36 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 85 Resp: 692
Ion Ratio Lower Upper
85 100
87 42.5 16.8 50.4

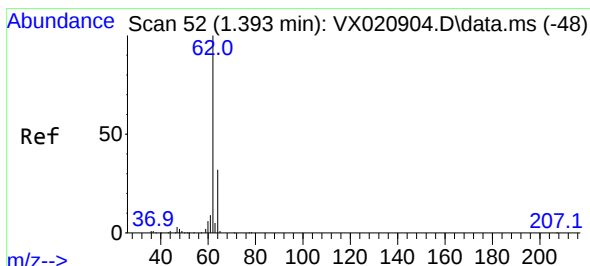
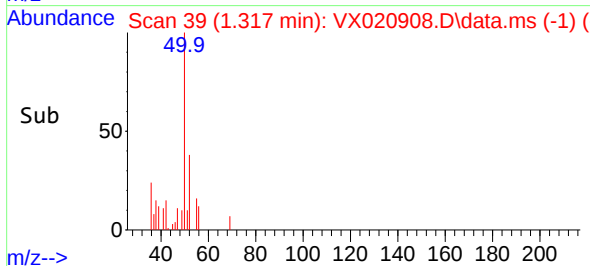
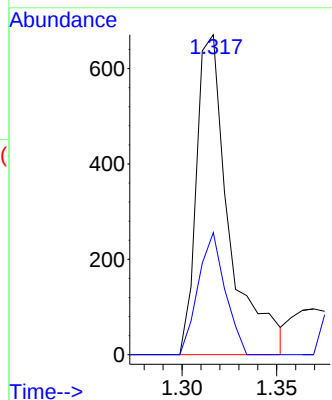
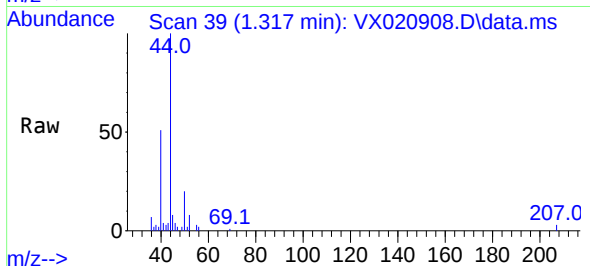




#3
Chloromethane
Concen: 0.39 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

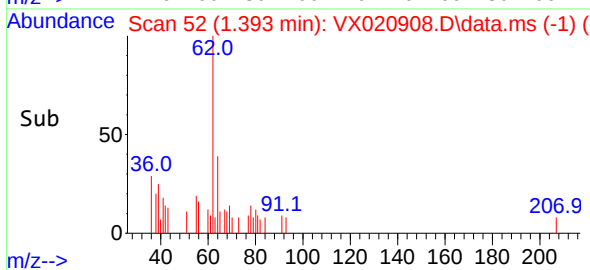
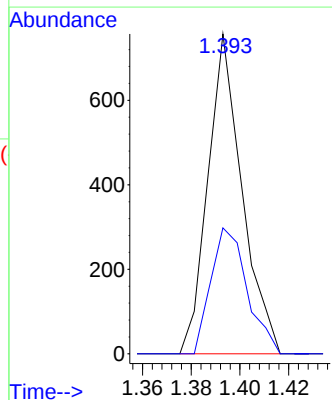
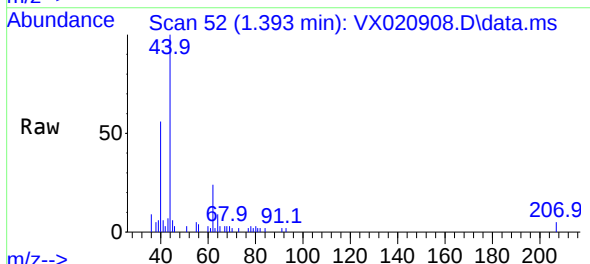
Instrument :
MSVOA_X
ClientSampled :
IBLK

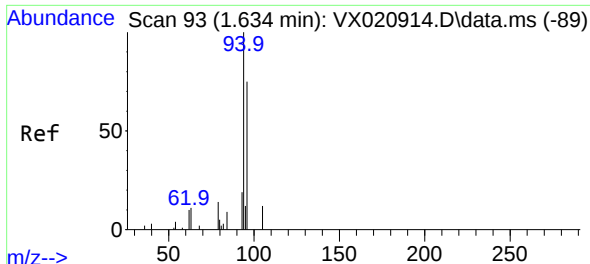
Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 38.2 26.9 40.3



#4
Vinyl Chloride
Concen: 0.30 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 62 Resp: 737
Ion Ratio Lower Upper
62 100
64 39.4 25.4 38.2#

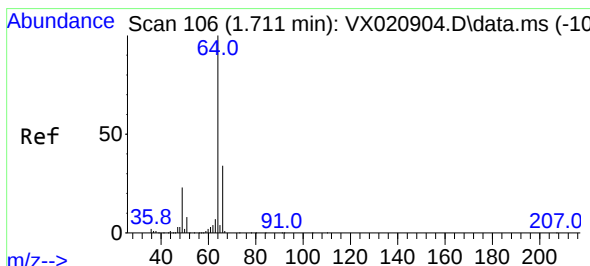
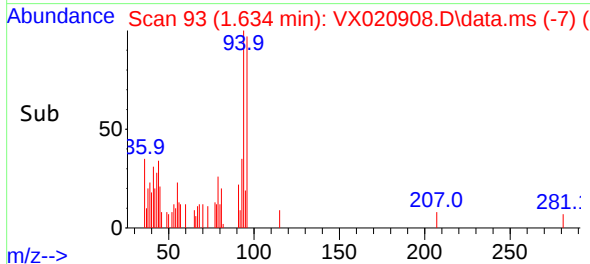
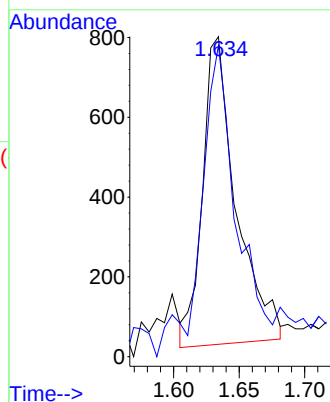
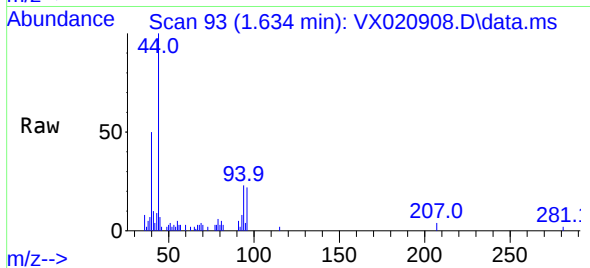




#5
Bromomethane
Concen: 1.31 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

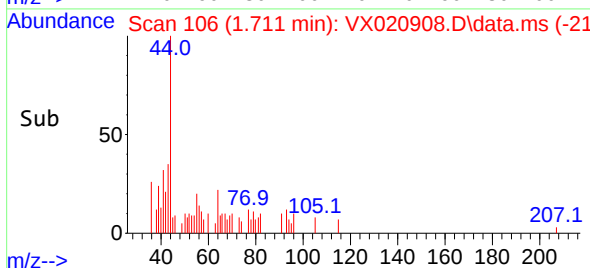
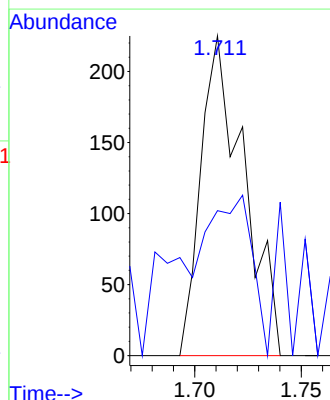
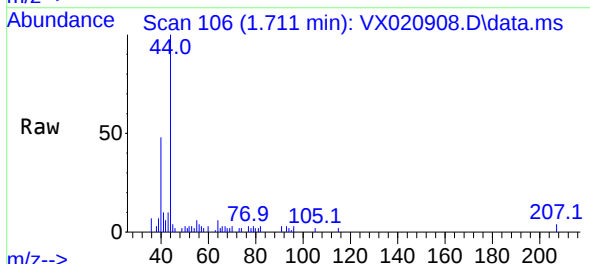
Instrument :
MSVOA_X
ClientSampled :
IBLK

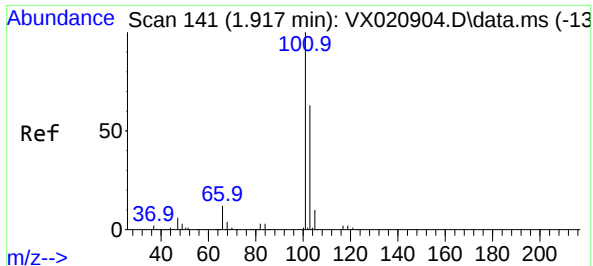
Tgt Ion: 94 Resp: 1377
Ion Ratio Lower Upper
94 100
96 95.9 76.6 114.8



#6
Chloroethane
Concen: 0.20 ug/l
RT: 1.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 14.7 27.4 41.2#

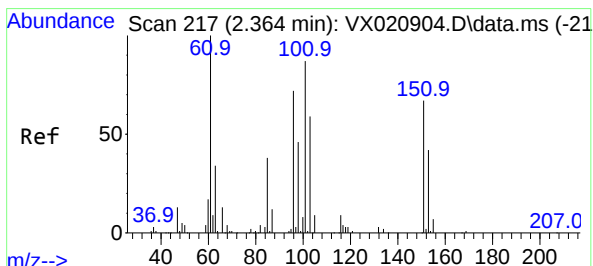
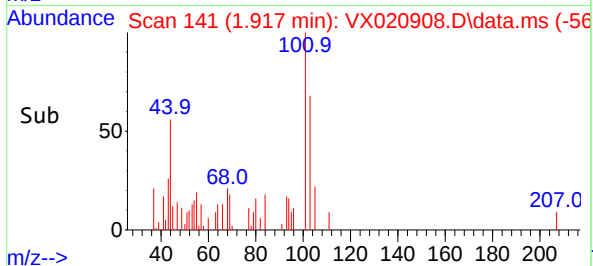
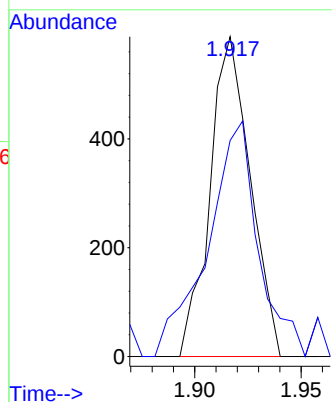
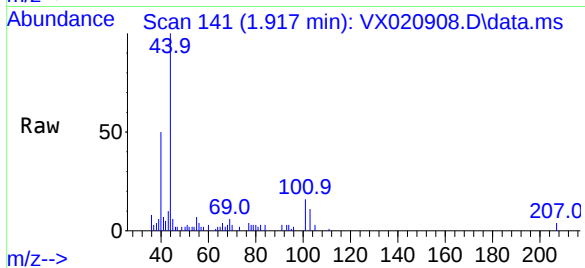




#7
Trichlorofluoromethane
Concen: 0.25 ug/l
RT: 1.917 min Scan# 141
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

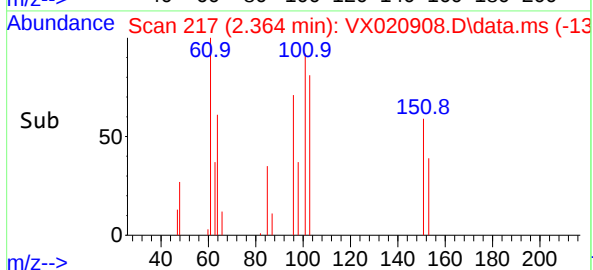
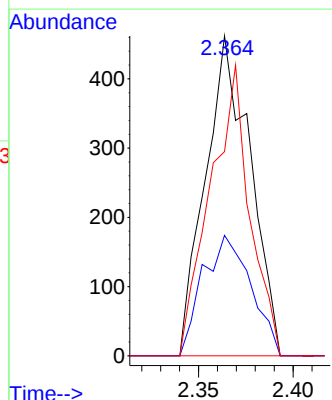
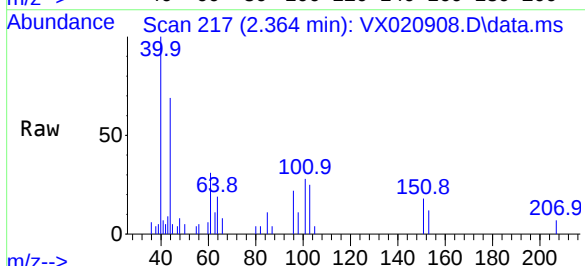
Instrument :
MSVOA_X
ClientSampled :
IBLK

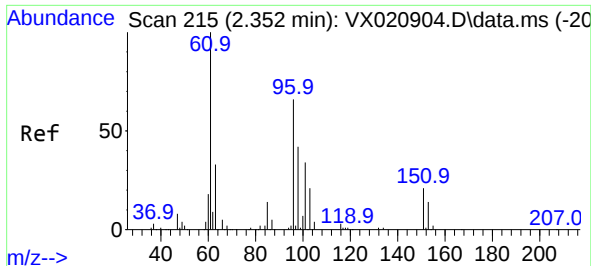
Tgt Ion:101 Resp: 776
Ion Ratio Lower Upper
101 100
103 55.6 51.4 77.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.39 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:101 Resp: 761
Ion Ratio Lower Upper
101 100
85 40.3 0.0 88.0
151 79.6 0.0 151.8





#10

1,1-Dichloroethene

Concen: 0.38 ug/l

RT: 2.358 min Scan# 216

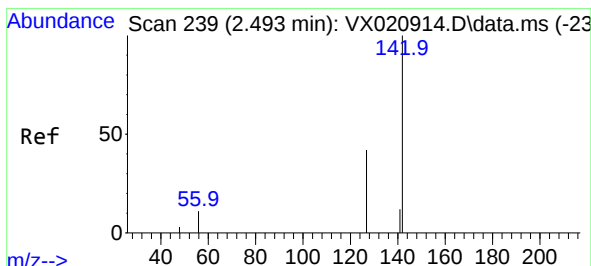
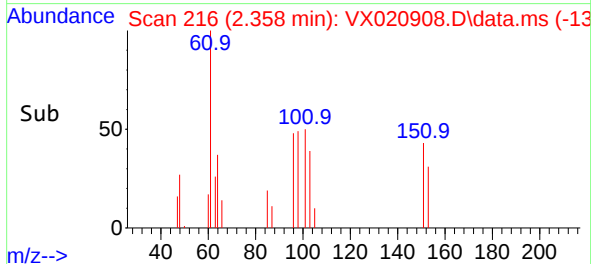
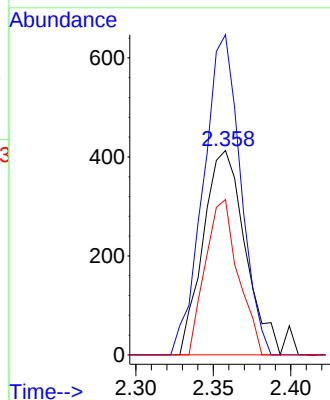
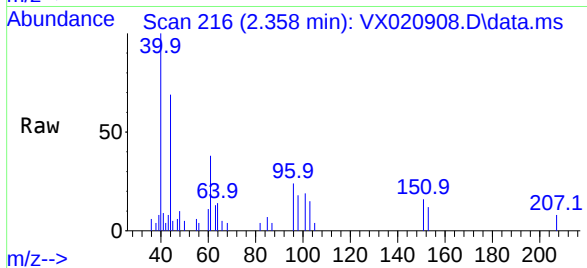
Delta R.T. 0.006 min

Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

Tgt Ion: 96 Resp: 777

Ion	Ratio	Lower	Upper
96	100		
61	156.7	126.1	189.1
98	76.0	51.3	76.9



#11

Methyl Iodide

Concen: 0.83 ug/l

RT: 2.493 min Scan# 239

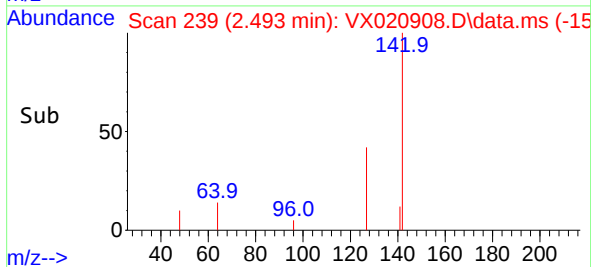
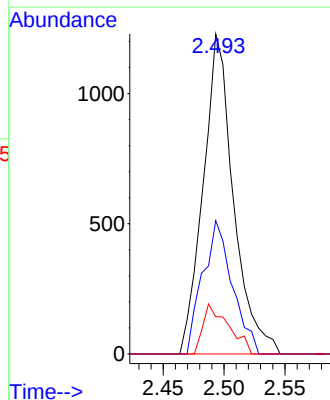
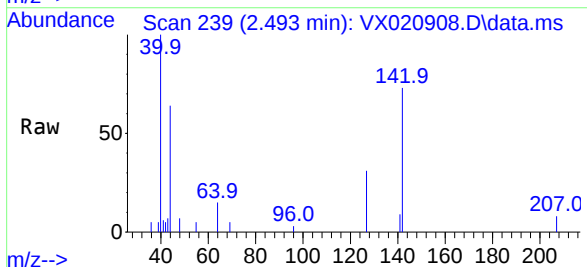
Delta R.T. 0.006 min

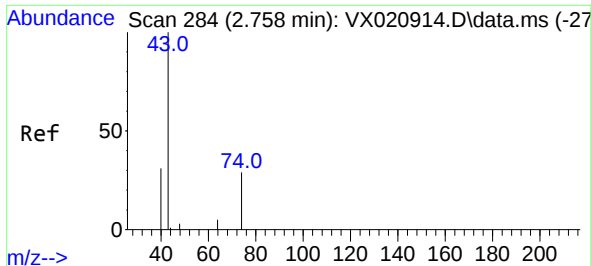
Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

Tgt Ion: 142 Resp: 2131

Ion	Ratio	Lower	Upper
142	100		
127	41.7	21.4	64.2
141	11.6	6.5	19.4

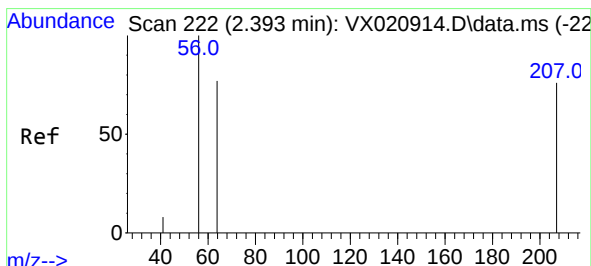
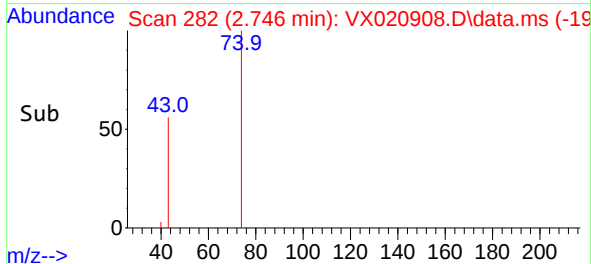
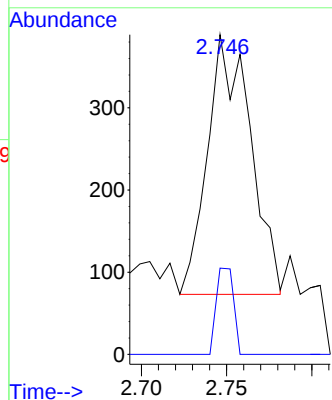
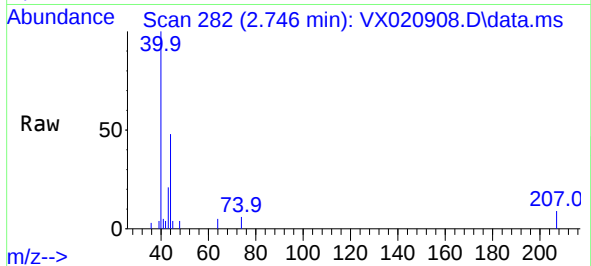




#12
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

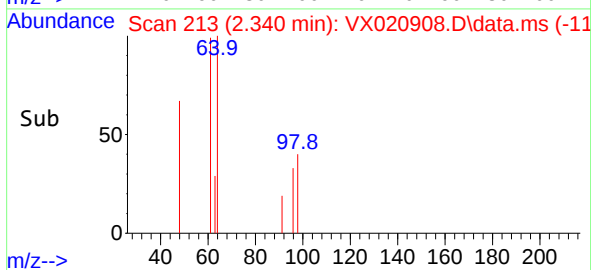
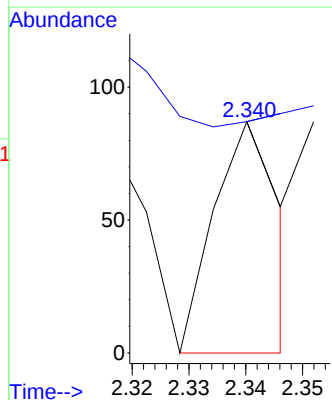
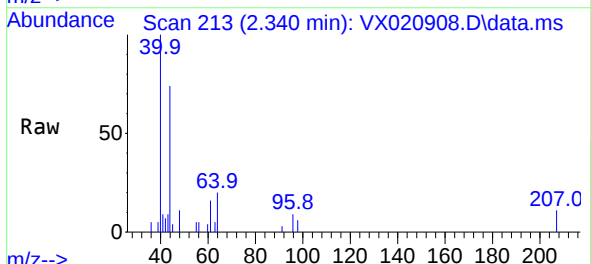
Instrument :
MSVOA_X
ClientSampled :
IBLK

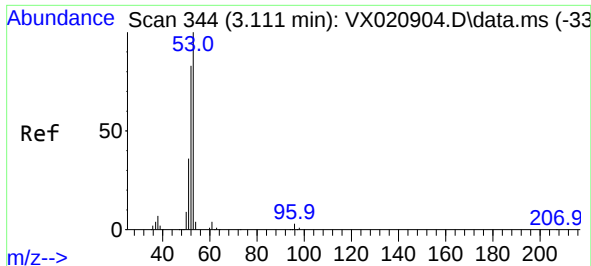
Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
74 33.5 22.8 34.2



#13
Acrolein
Concen: 0.22 ug/l
RT: 2.340 min Scan# 213
Delta R.T. 0.071 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 60.9 56.3 84.5

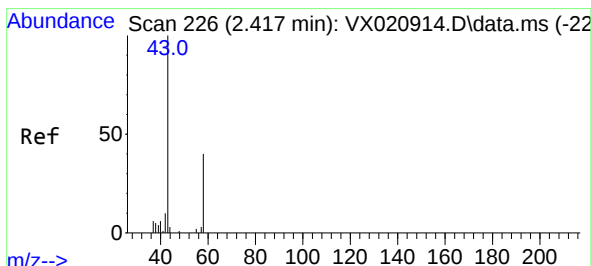
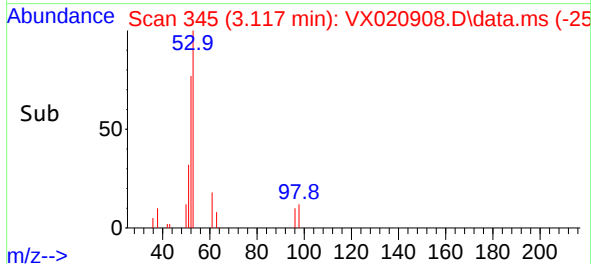
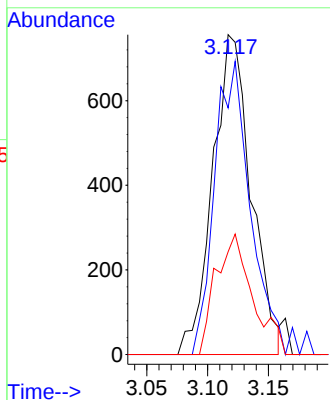
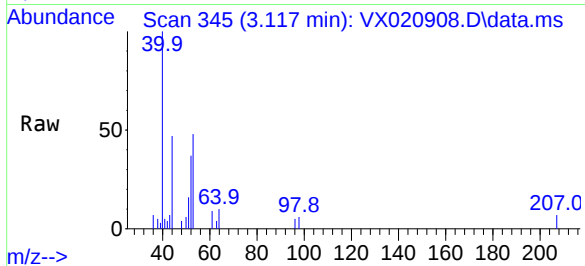




#14
Acrylonitrile
Concen: 1.48 ug/l
RT: 3.117 min Scan# 345
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

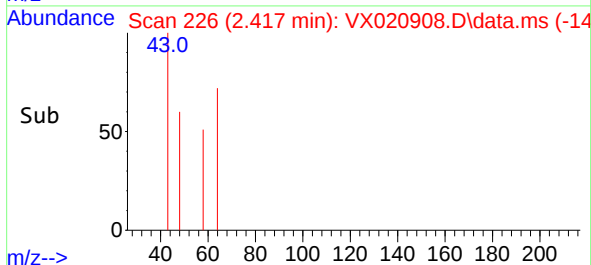
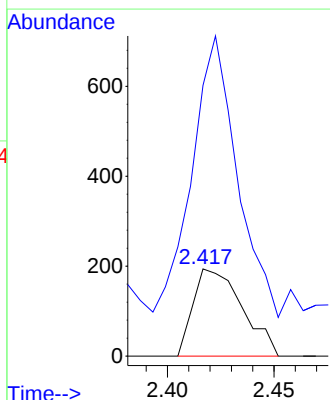
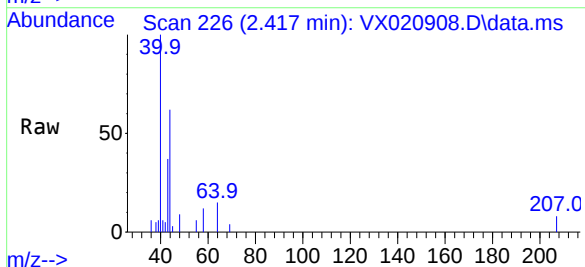
Instrument :
MSVOA_X
ClientSampled :
IBLK

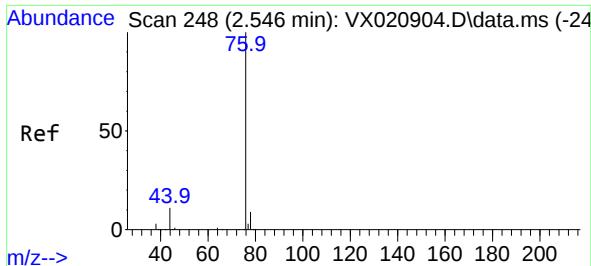
Tgt Ion: 53 Resp: 1658
Ion Ratio Lower Upper
53 100
52 85.1 41.1 123.3
51 32.8 17.6 52.9



#15
Acetone
Concen: 0.92 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 58 Resp: 310
Ion Ratio Lower Upper
58 100
43 266.0 232.6 348.8

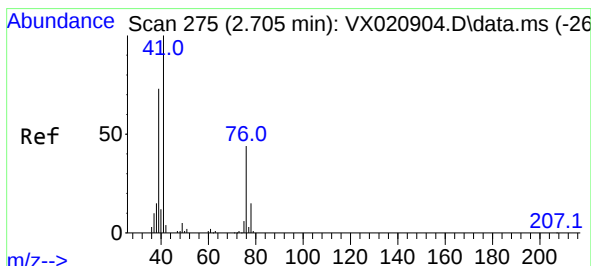
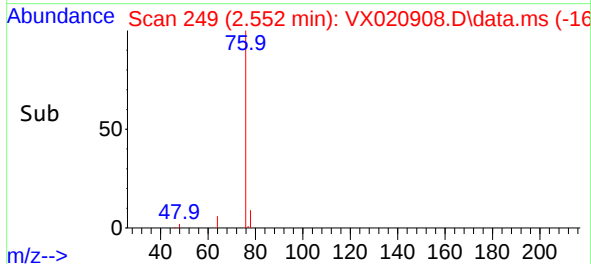
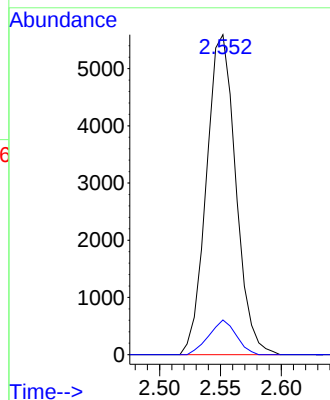
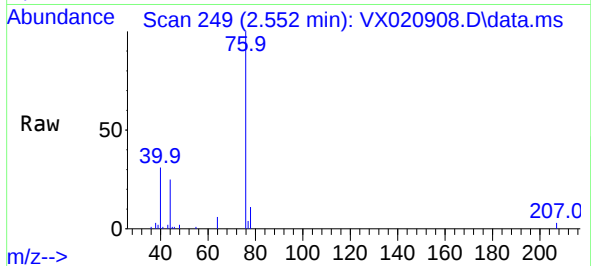




#16
Carbon Disulfide
Concen: 1.65 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

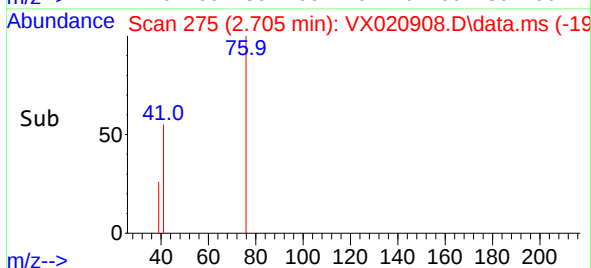
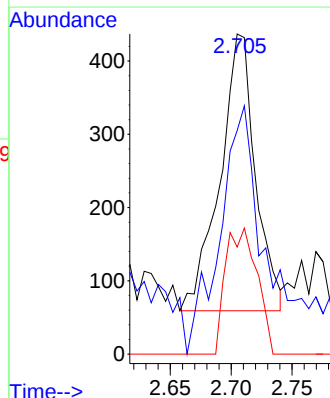
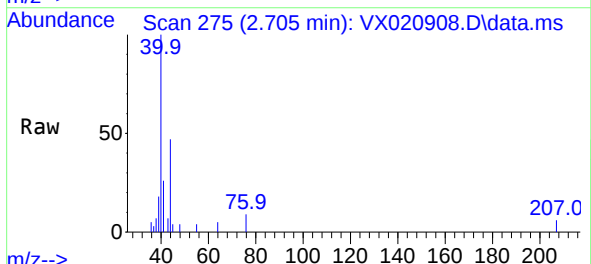
Instrument :
MSVOA_X
ClientSampled :
IBLK

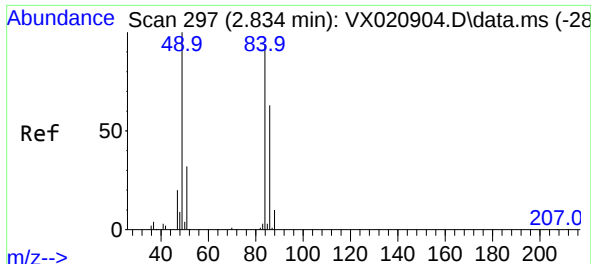
Tgt Ion: 76 Resp: 9390
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#17
Allyl chloride
Concen: 0.24 ug/l
RT: 2.705 min Scan# 275
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 41 Resp: 768
Ion Ratio Lower Upper
41 100
39 60.3 34.8 104.4
76 38.6 21.3 63.9





#18

Methylene Chloride

Concen: 0.50 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX020908.D

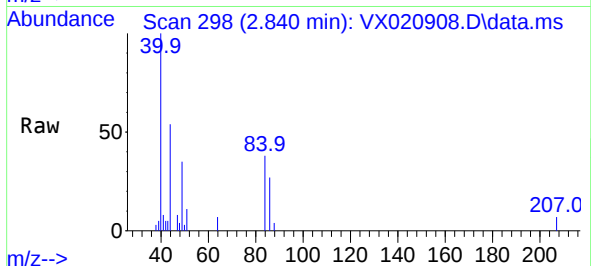
Acq: 25 Feb 2021 11:30

Instrument :

MSVOA_X

ClientSampled :

IBLK



Tgt Ion: 84 Resp: 1153

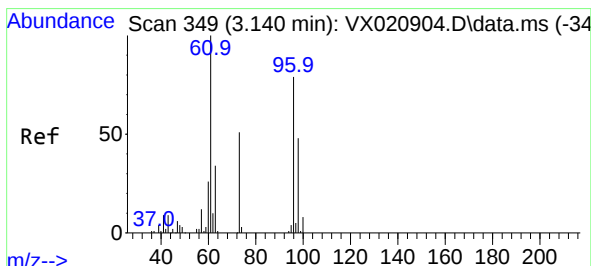
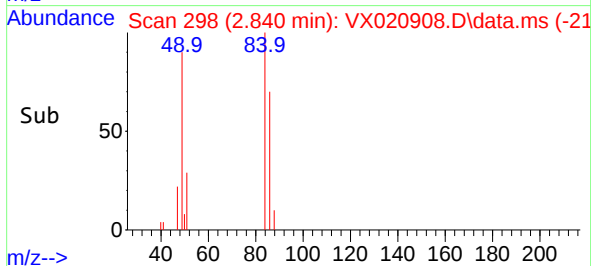
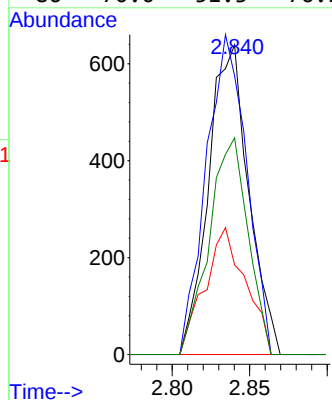
Ion Ratio Lower Upper

84 100

49 90.0 90.6 136.0#

51 29.0 26.3 39.5

86 70.0 51.3 76.9



#19

trans-1,2-Dichloroethene

Concen: 0.69 ug/l

RT: 3.140 min Scan# 349

Delta R.T. -0.000 min

Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

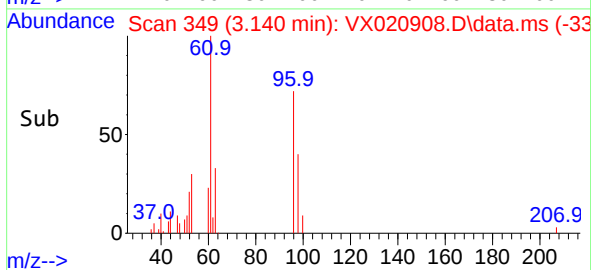
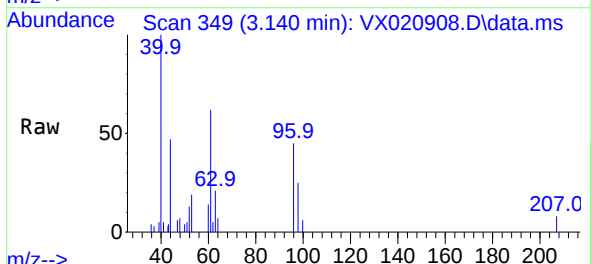
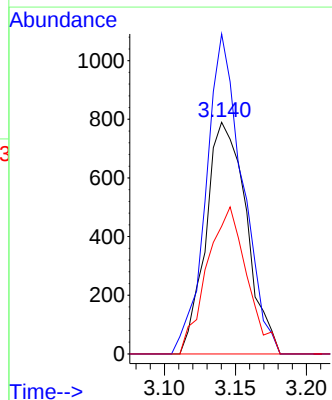
Tgt Ion: 96 Resp: 1564

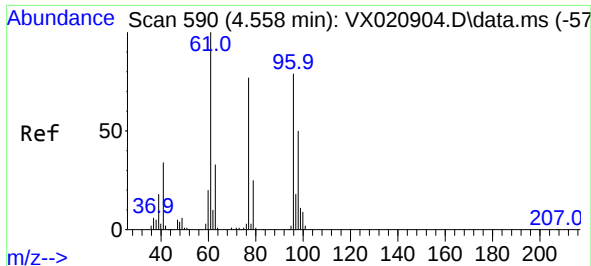
Ion Ratio Lower Upper

96 100

61 138.1 103.0 154.4

98 55.1 51.8 77.6

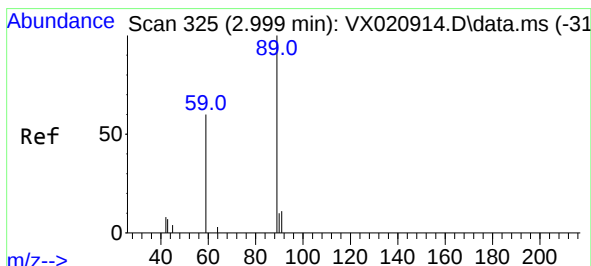
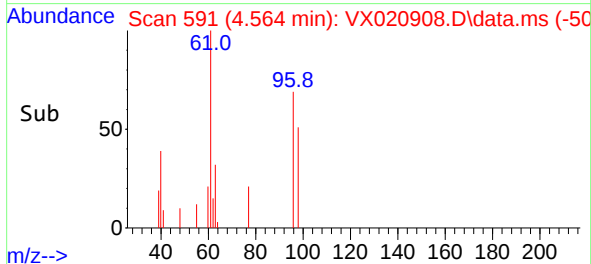
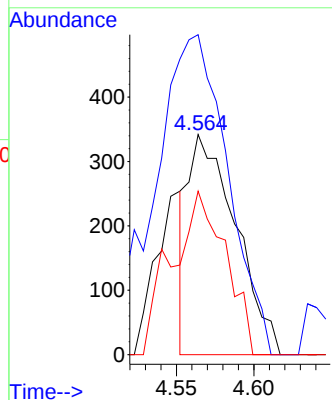
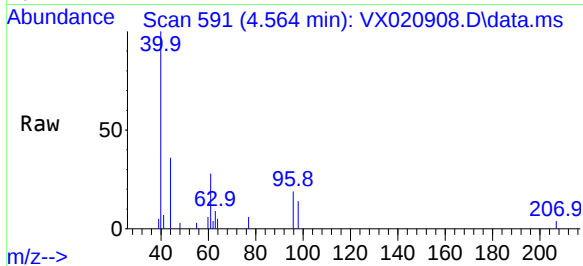




#22
cis-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

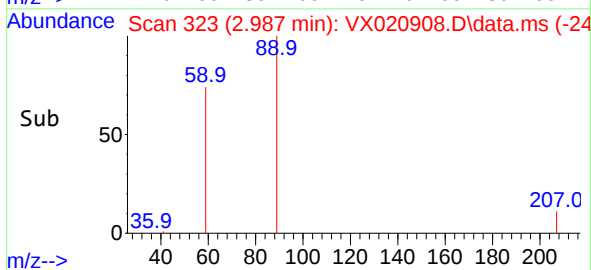
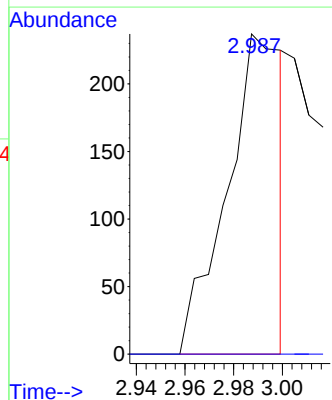
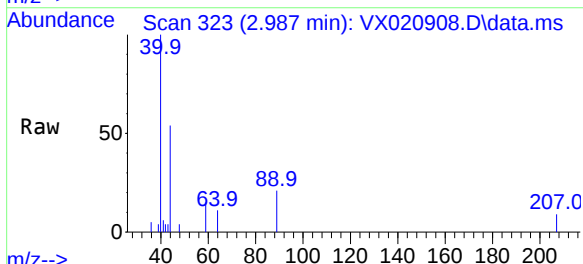
Instrument :
MSVOA_X
ClientSampled :
IBLK

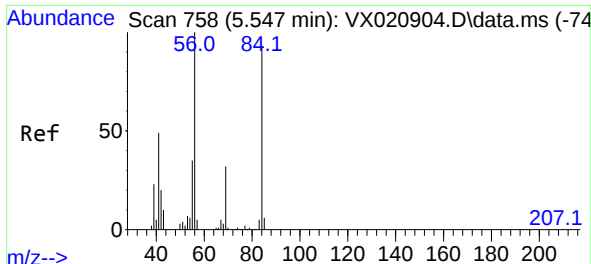
Tgt Ion: 96 Resp: 726
Ion Ratio Lower Upper
96 100
61 215.8 114.1 171.1#
98 65.3 51.8 77.8



#23
tert-Butyl Alcohol
Concen: 0.73 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.024 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

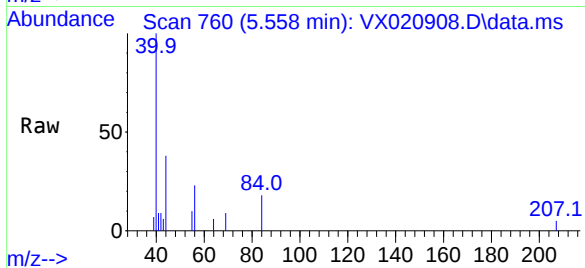
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
52 378.3 0.1 0.1#



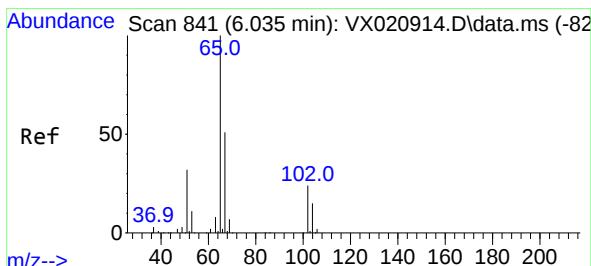
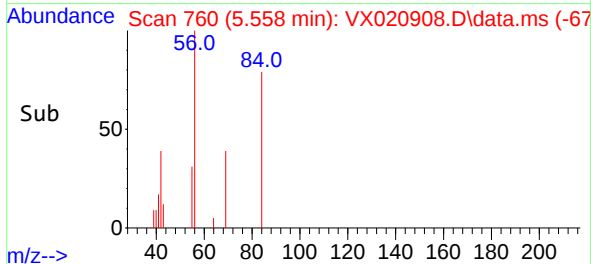
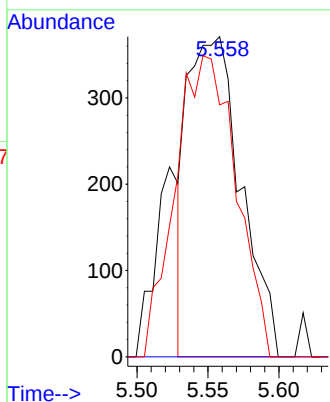


#26
Cyclohexane
Concen: 0.28 ug/l
RT: 5.558 min Scan# 760
Delta R.T. 0.012 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

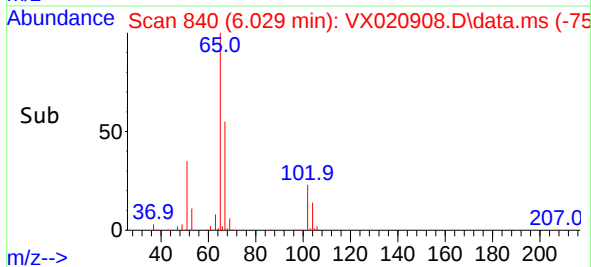
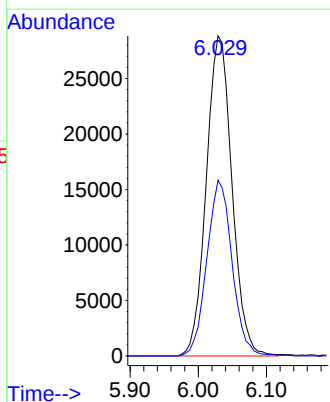
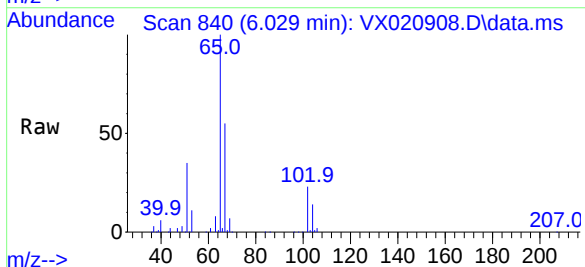


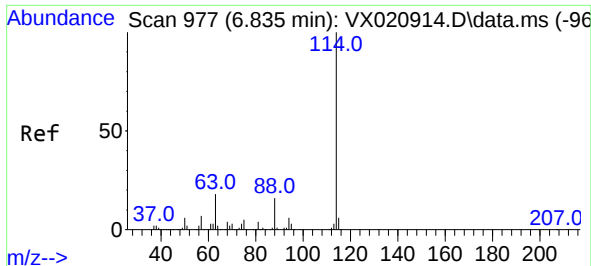
Tgt Ion: 56 Resp: 972
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 107.2 74.1 111.1



#27
1,2-Dichloroethane-d4
Concen: 30.31 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 65 Resp: 75690
Ion Ratio Lower Upper
65 100
67 53.9 41.9 62.9



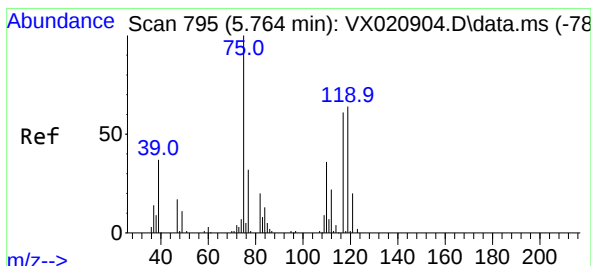
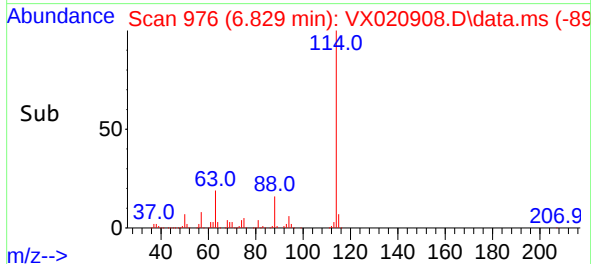
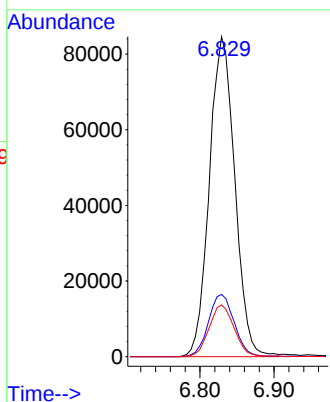
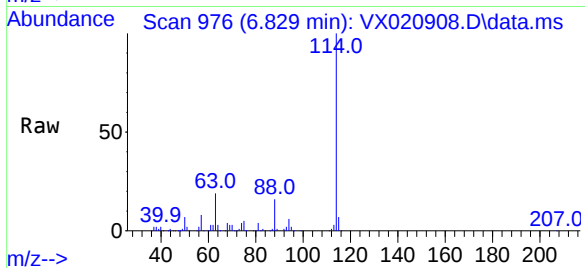


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

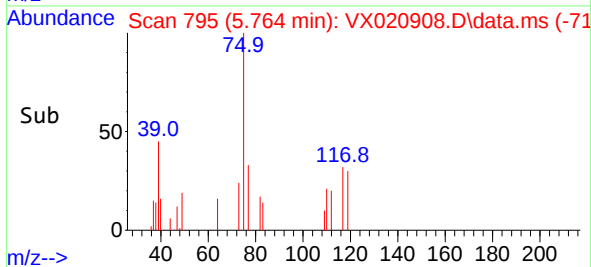
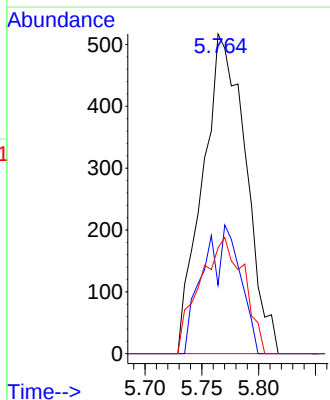
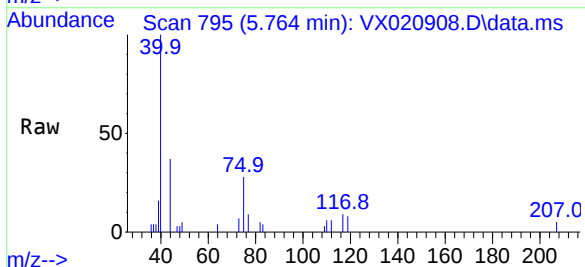
Tgt Ion:114 Resp: 201785
Ion Ratio Lower Upper
114 100
63 19.8 16.2 24.2
88 16.0 13.0 19.6

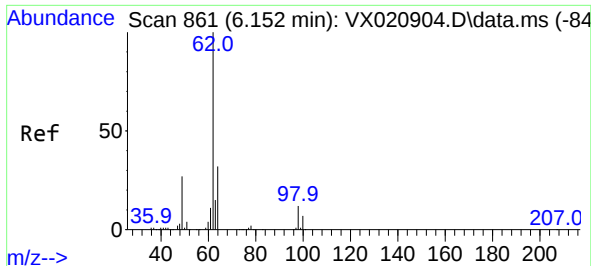


#29

1,1-Dichloropropene
Concen: 0.45 ug/l
RT: 5.764 min Scan# 795
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 75 Resp: 1364
Ion Ratio Lower Upper
75 100
110 17.8 0.0 72.4
77 30.6 0.0 62.4





#36

1,2-Dichloroethane

Concen: 0.24 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX020908.D

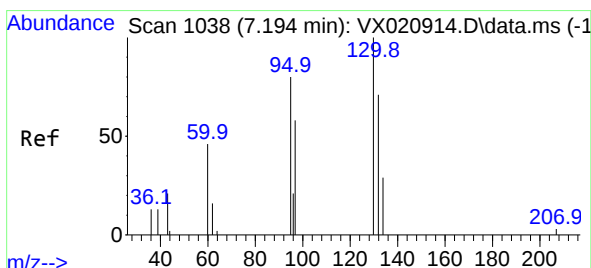
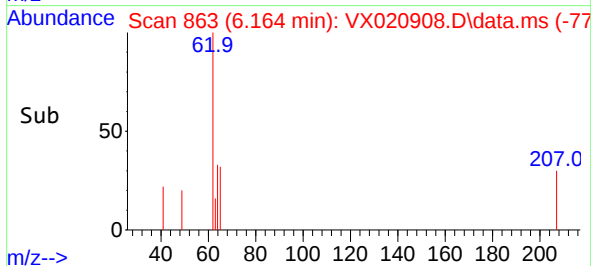
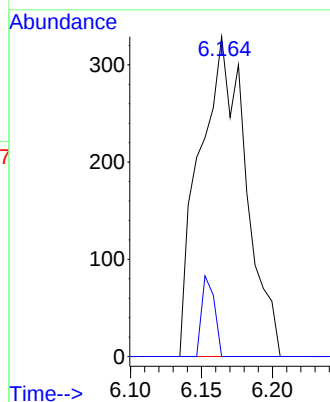
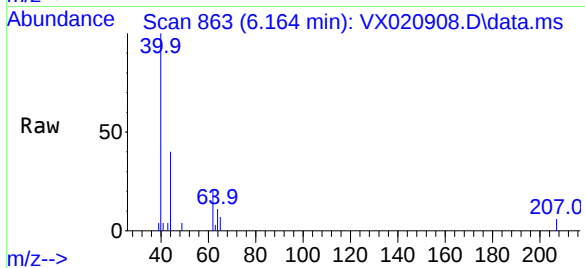
Acq: 25 Feb 2021 11:30

Tgt Ion: 62 Resp: 744

Ion Ratio Lower Upper

62 100

98 7.0 8.1 12.1#



#37

Trichloroethene

Concen: 0.48 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX020908.D

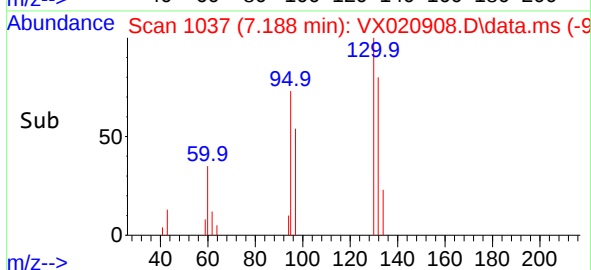
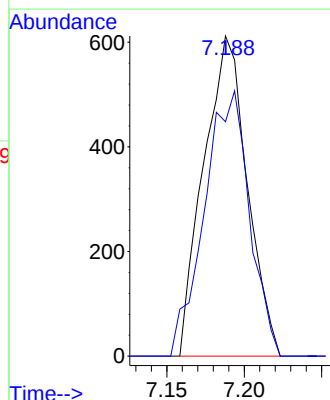
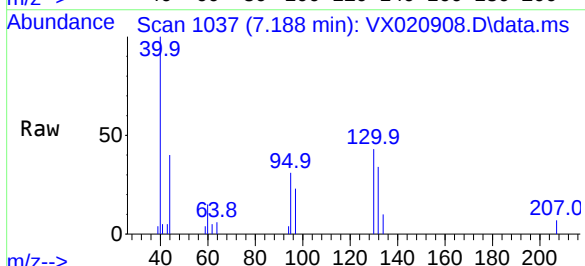
Acq: 25 Feb 2021 11:30

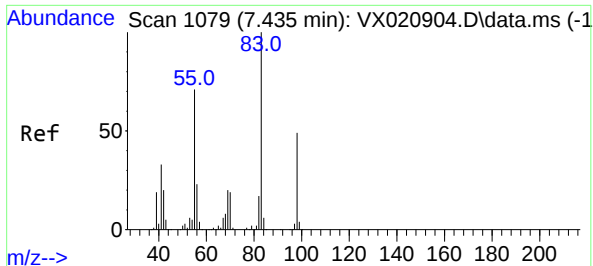
Tgt Ion: 130 Resp: 1194

Ion Ratio Lower Upper

130 100

95 73.2 80.2 120.4#





#38

Methylcyclohexane

Concen: 0.48 ug/l

RT: 7.441 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

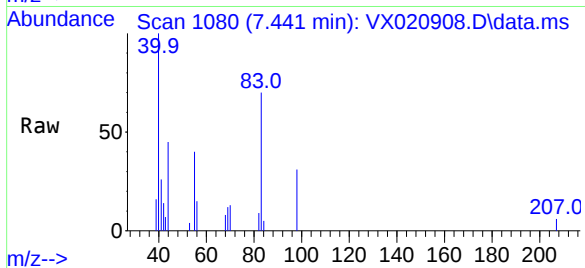
Tgt Ion: 83 Resp: 1876

Ion Ratio Lower Upper

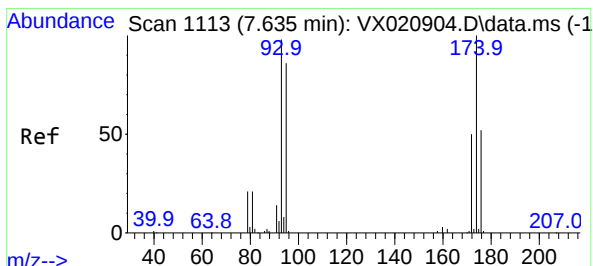
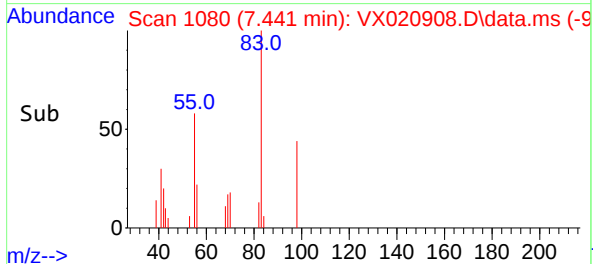
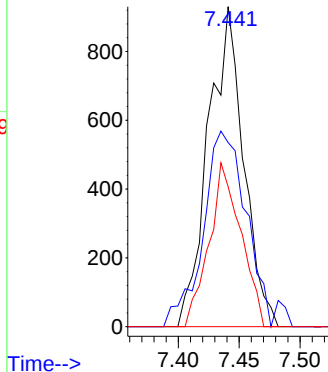
83 100

55 74.0 37.4 112.1

98 46.0 24.7 74.1



Abundance



#40

Dibromomethane

Concen: 0.40 ug/l

RT: 7.647 min Scan# 1115

Delta R.T. 0.012 min

Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

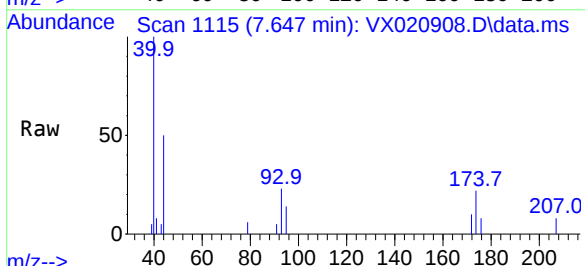
Tgt Ion: 93 Resp: 629

Ion Ratio Lower Upper

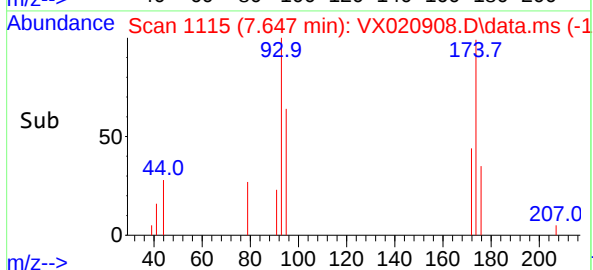
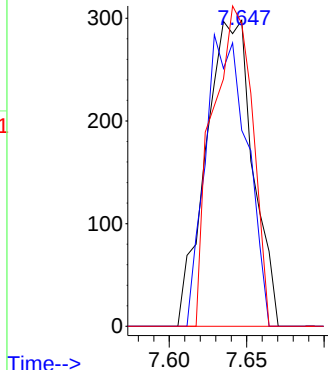
93 100

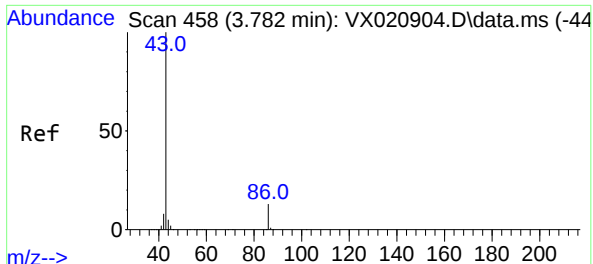
95 83.9 0.0 167.4

174 89.2 0.0 211.8



Abundance





#42

Vinyl Acetate

Concen: 0.46 ug/l

RT: 3.787 min Scan# 459

Delta R.T. 0.006 min

Lab File: VX020908.D

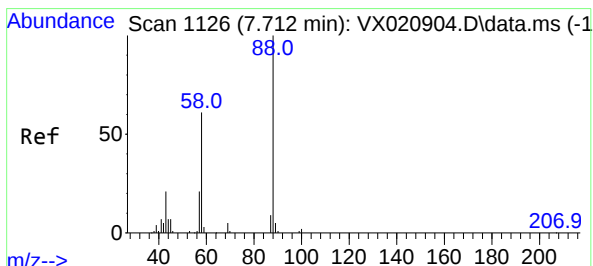
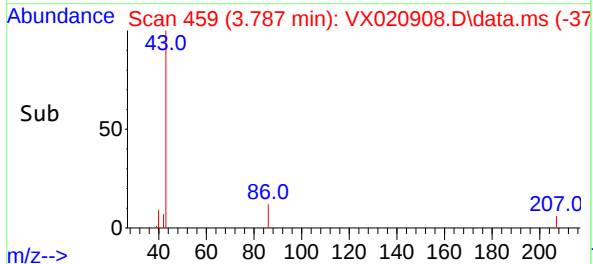
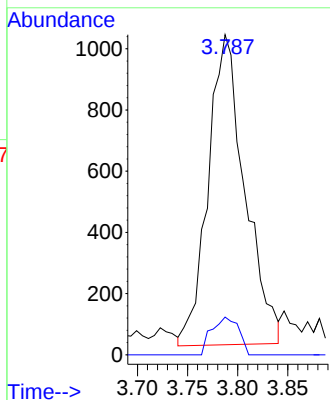
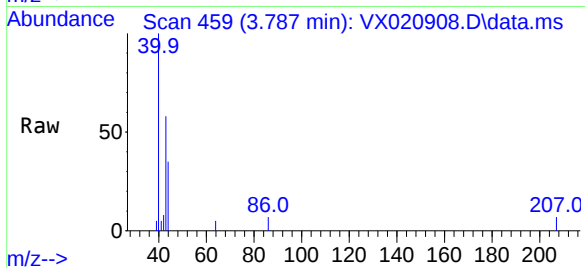
Acq: 25 Feb 2021 11:30

Tgt Ion: 43 Resp: 2585

Ion Ratio Lower Upper

43 100

86 8.9 9.0 13.4#



#45

1,4-Dioxane

Concen: 2.50 ug/l

RT: 7.723 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VX020908.D

Acq: 25 Feb 2021 11:30

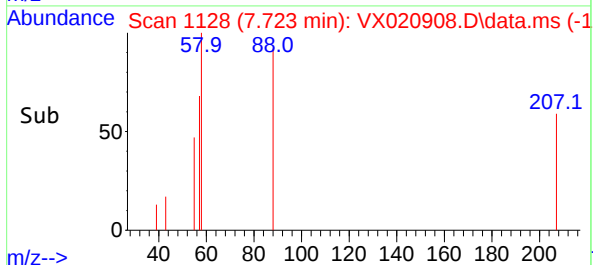
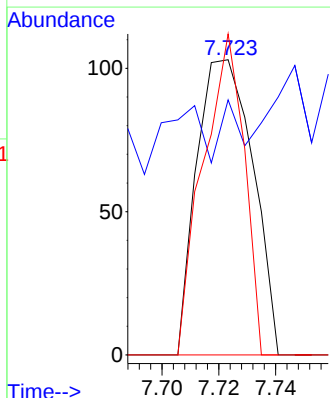
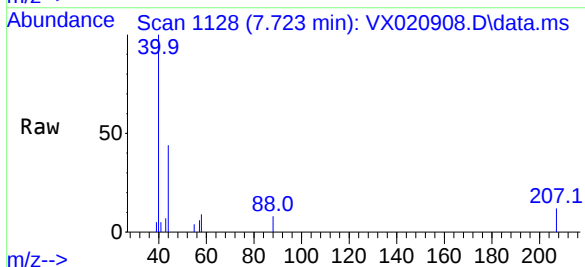
Tgt Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 46.5 22.2 33.2#

58 78.9 53.9 80.9

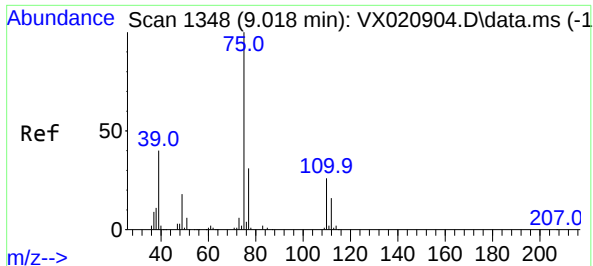


Instrument :

MSVOA_X

ClientSampled :

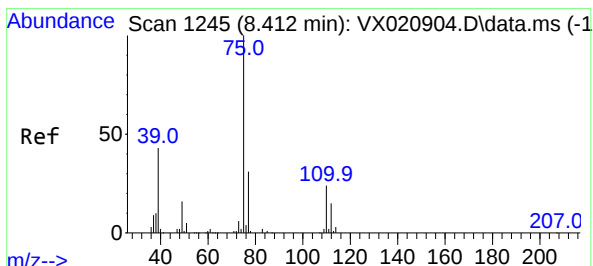
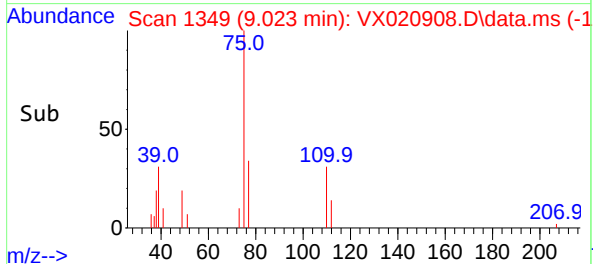
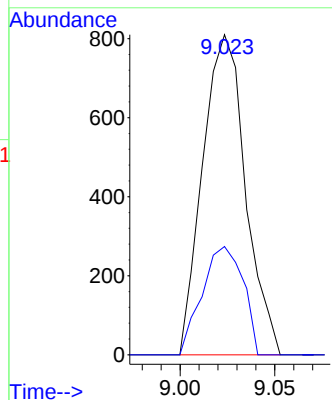
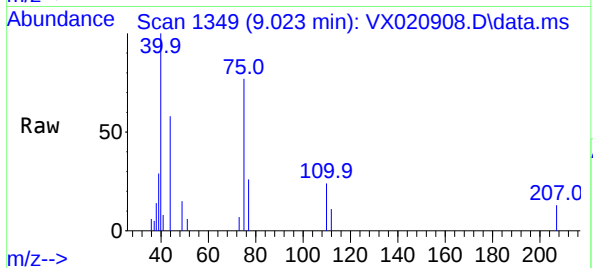
IBLK



#48
t-1,3-Dichloropropene
Concen: 0.35 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

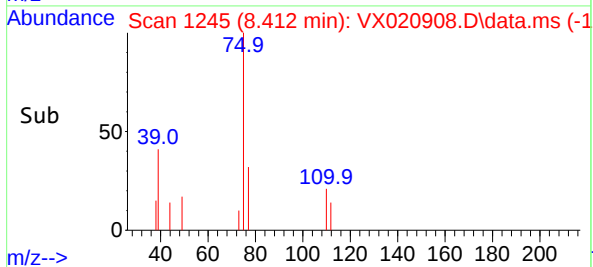
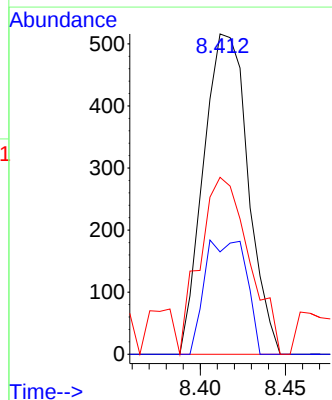
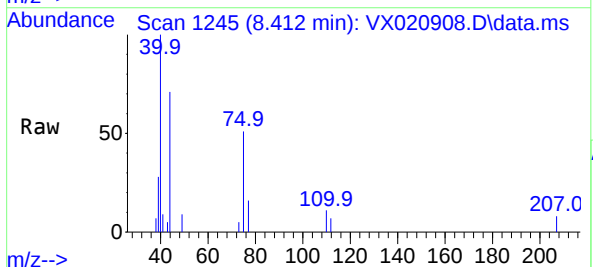
Instrument :
MSVOA_X
ClientSampled :
IBLK

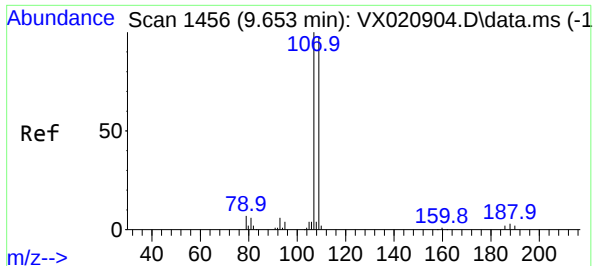
Tgt Ion: 75 Resp: 1273
Ion Ratio Lower Upper
75 100
77 33.8 25.0 37.6



#49
cis-1,3-Dichloropropene
Concen: 0.24 ug/l
RT: 8.412 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 75 Resp: 939
Ion Ratio Lower Upper
75 100
77 32.0 24.4 36.6
39 55.2 35.4 53.0#

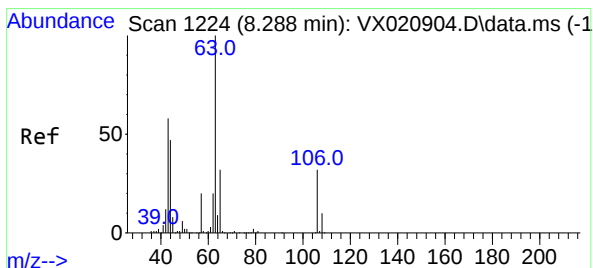
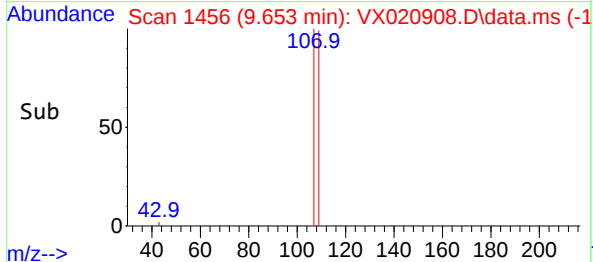
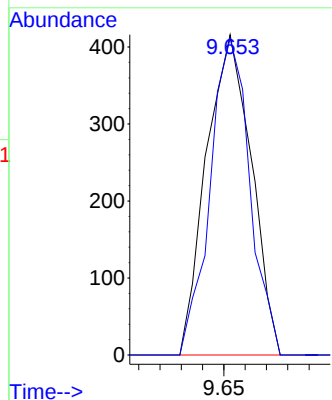
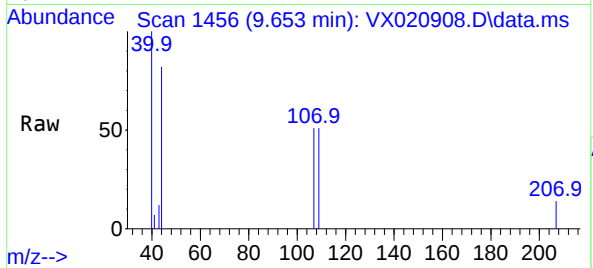




#54
1,2-Dibromoethane
Concen: 0.25 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

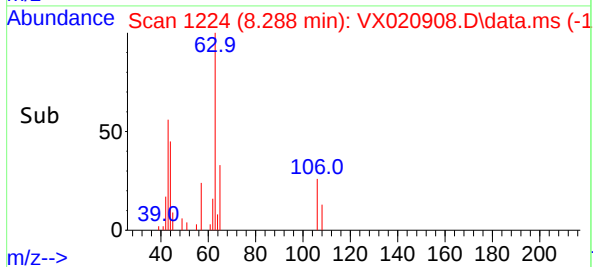
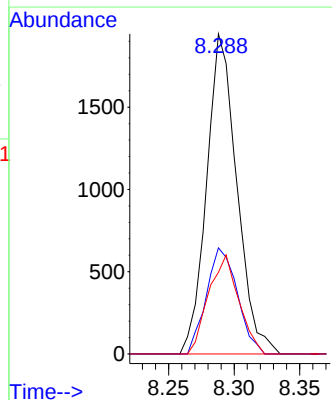
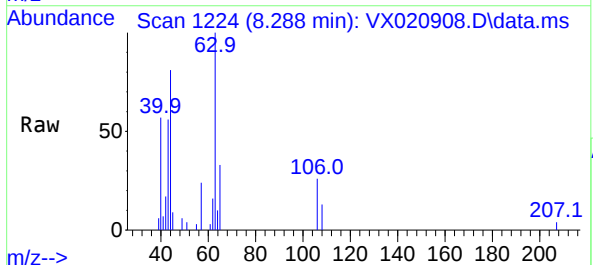
Instrument :
MSVOA_X
ClientSampled :
IBLK

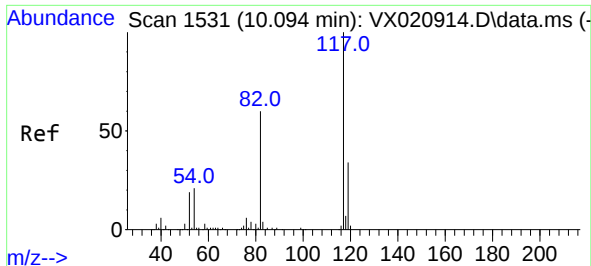
Tgt Ion:107 Resp: 611
Ion Ratio Lower Upper
107 100
109 87.2 73.6 110.4



#55
2-Chloroethyl vinyl ether
Concen: 1.80 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 63 Resp: 3124
Ion Ratio Lower Upper
63 100
65 33.9 25.9 38.9
106 31.0 23.9 35.9

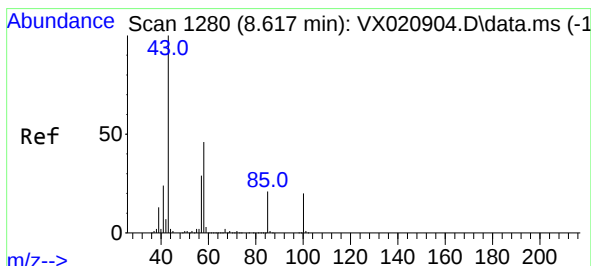
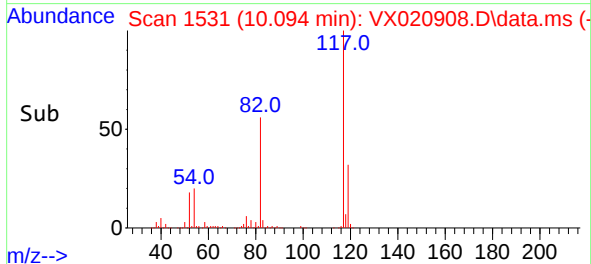
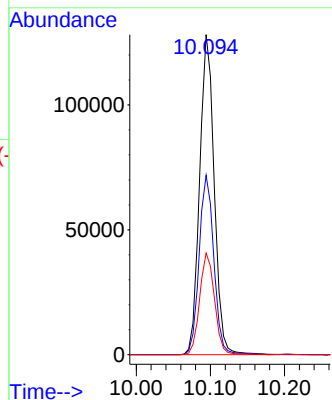
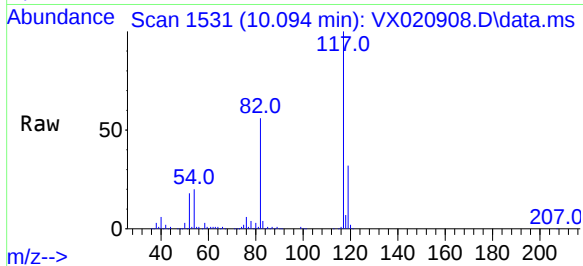




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

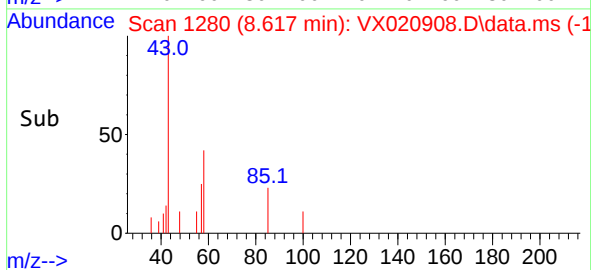
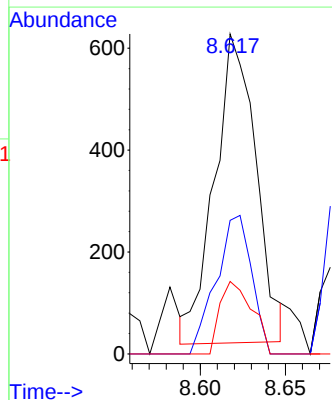
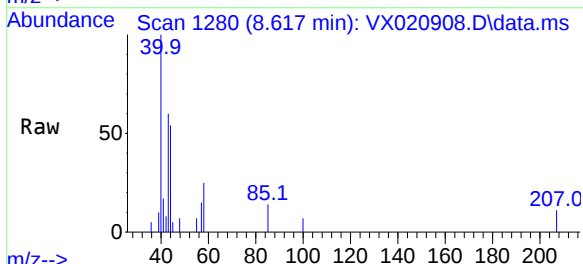
Instrument :
MSVOA_X
ClientSampleId :
IBLK

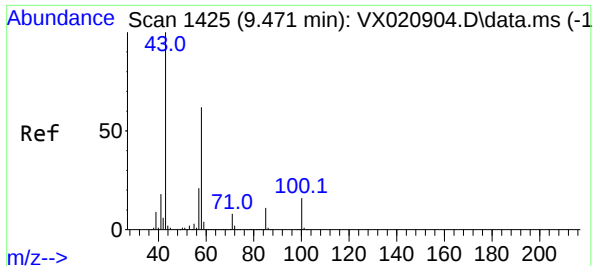
Tgt Ion:	117	Resp:	175523
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.6
119	32.1	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	43	Resp:	1024
Ion	Ratio	Lower	Upper
43	100		
58	38.4	35.2	52.8
85	18.3	16.8	25.2

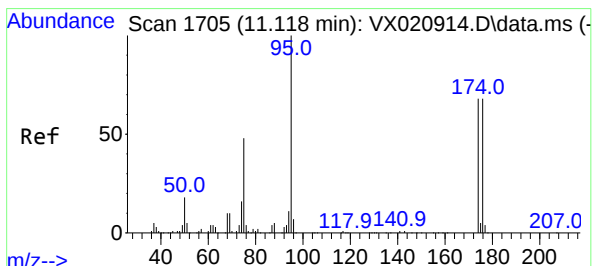
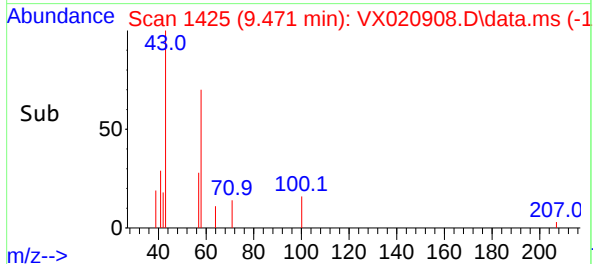
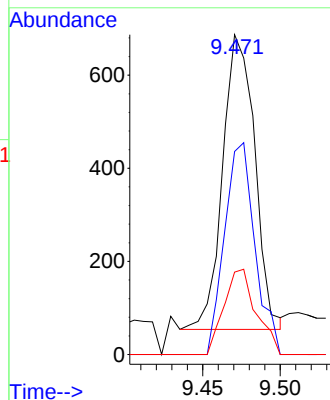
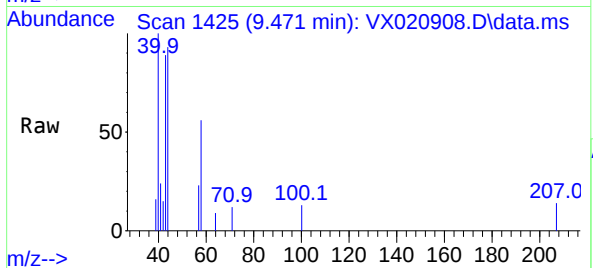




#59
2-Hexanone
Concen: 0.43 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

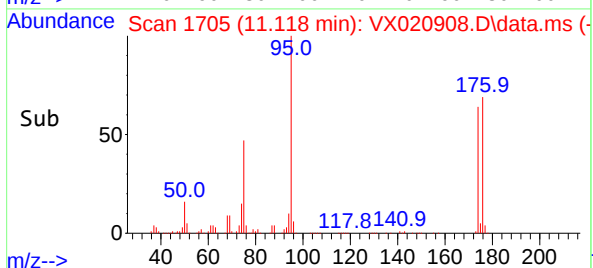
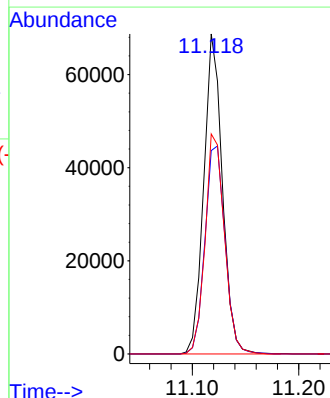
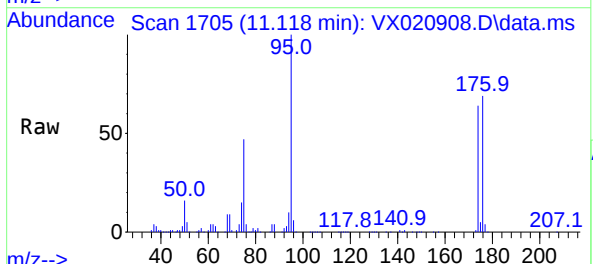
Instrument :
MSVOA_X
ClientSampled :
IBLK

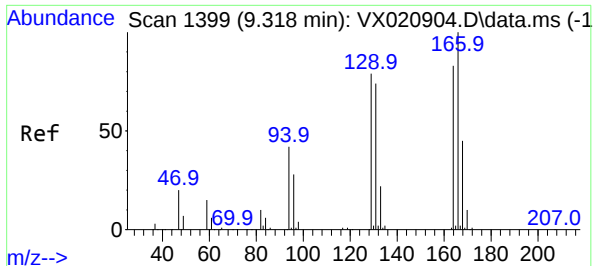
Tgt Ion:	43	Resp:	912
Ion	Ratio	Lower	Upper
43	100		
58	68.0	49.0	73.6
57	28.9	17.1	25.7#



#60
4-Bromofluorobenzene
Concen: 28.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

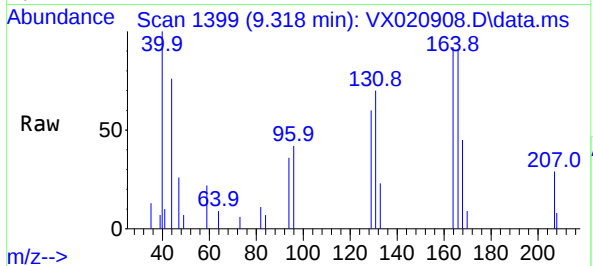
Tgt Ion:	95	Resp:	83499
Ion	Ratio	Lower	Upper
95	100		
174	70.4	63.0	94.4
176	71.3	59.9	89.9



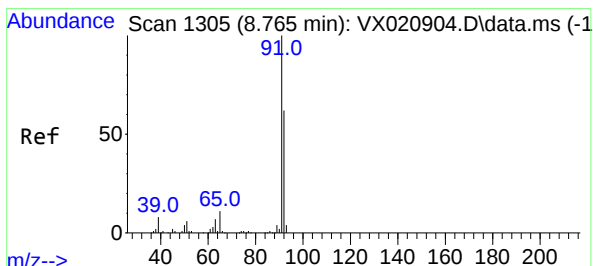
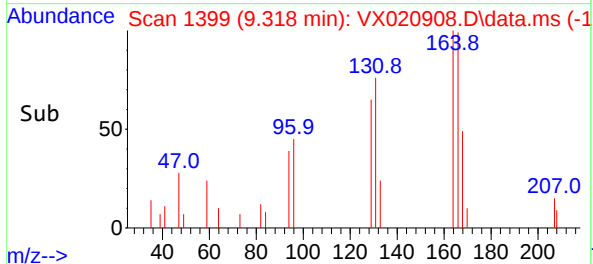
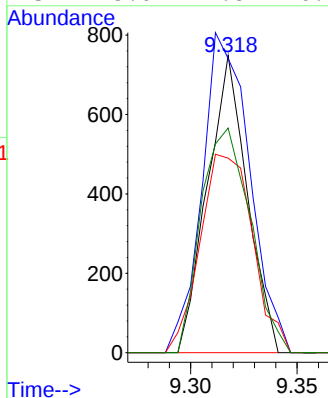


#61
Tetrachloroethene
Concen: 0.46 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

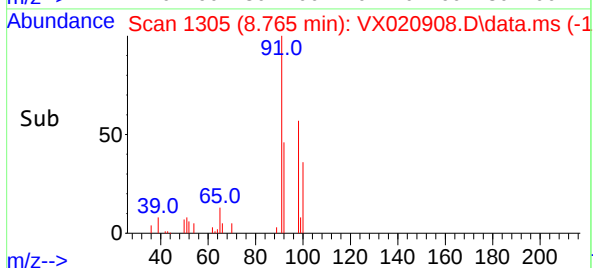
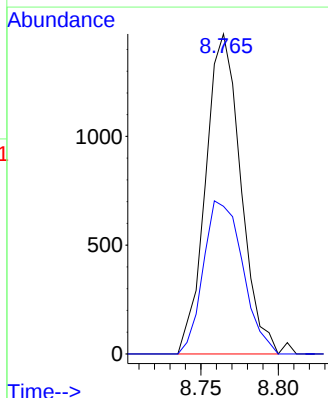
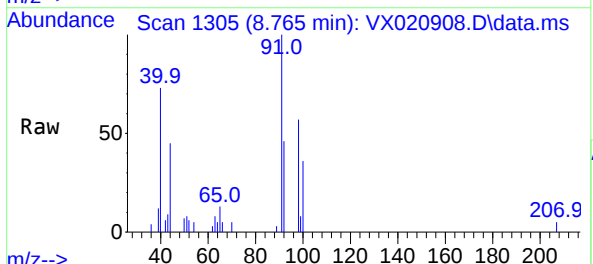


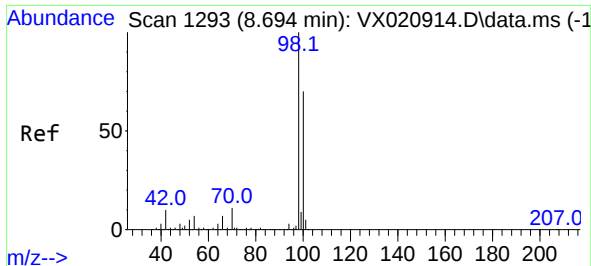
Tgt Ion:164 Resp: 971
Ion Ratio Lower Upper
164 100
166 88.7 102.8 154.2#
129 58.6 75.8 113.8#
131 75.6 77.8 116.6#



#62
Toluene
Concen: 0.24 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 91 Resp: 2322
Ion Ratio Lower Upper
91 100
92 53.4 47.2 70.8

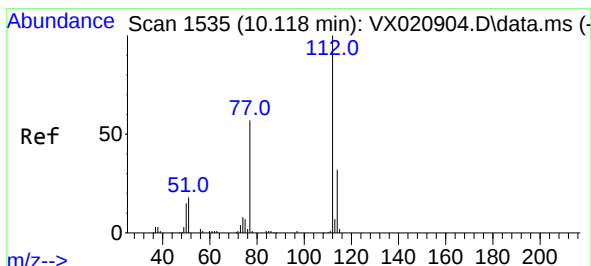
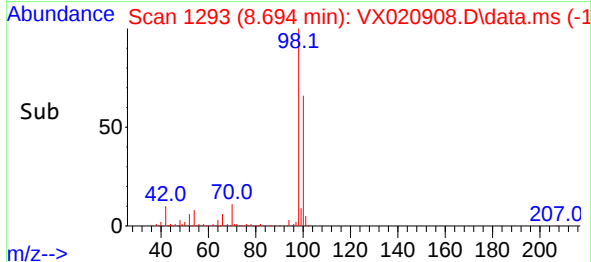
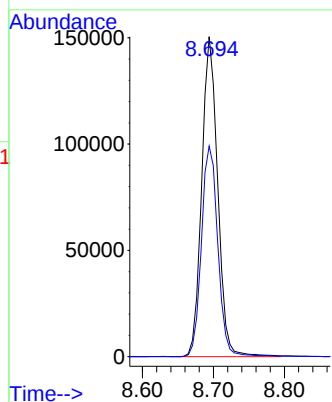
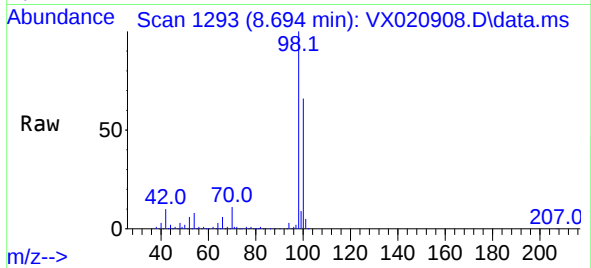




#63
Toluene-d8
Concen: 29.57 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

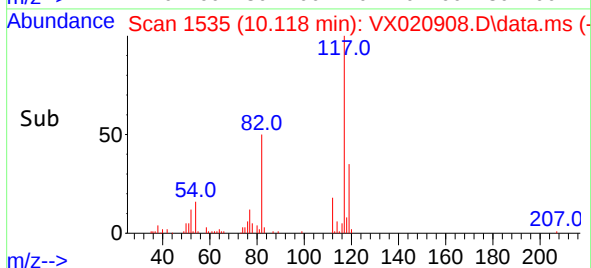
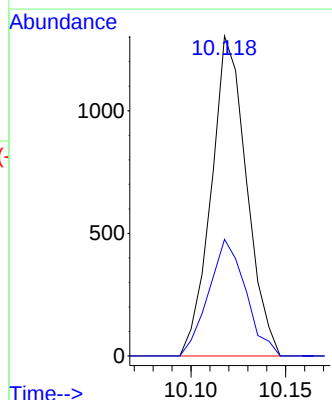
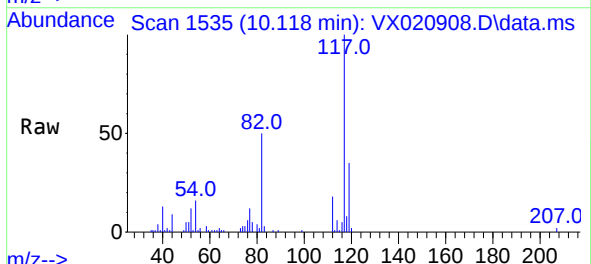
Instrument :
MSVOA_X
ClientSampled :
IBLK

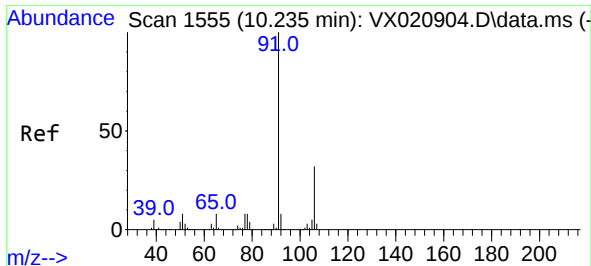
Tgt Ion: 98 Resp: 236134
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4



#64
Chlorobenzene
Concen: 0.28 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 112 Resp: 1693
Ion Ratio Lower Upper
112 100
114 36.5 25.7 38.5

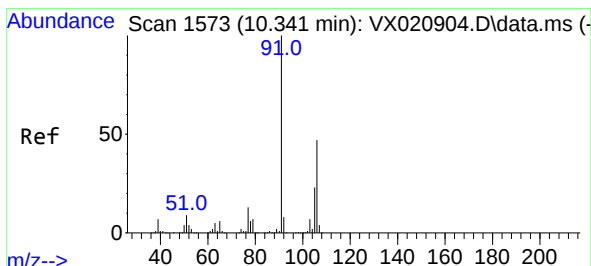
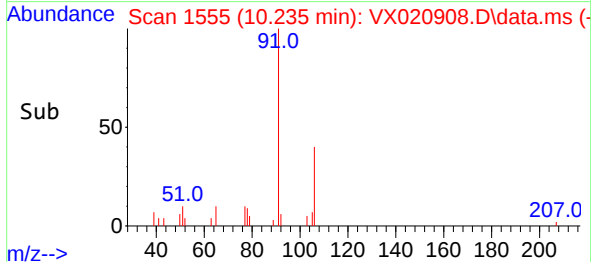
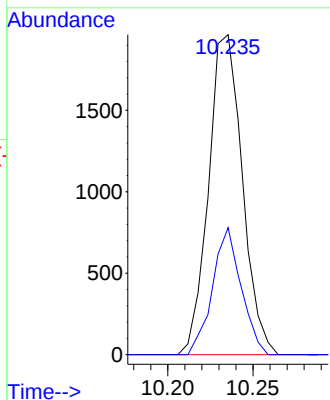
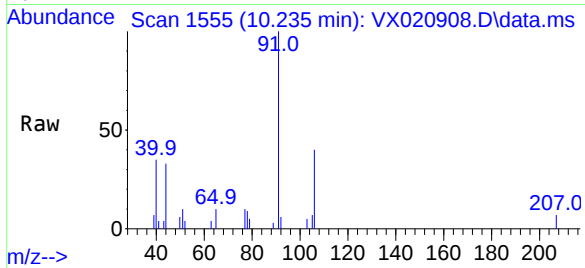




#66
Ethyl Benzene
Concen: 0.25 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

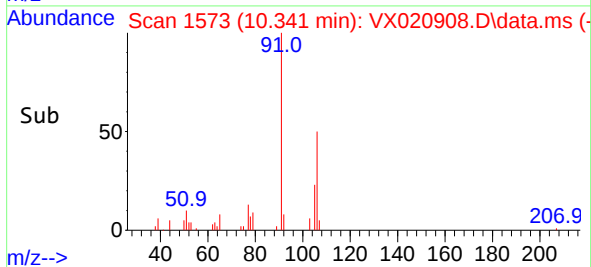
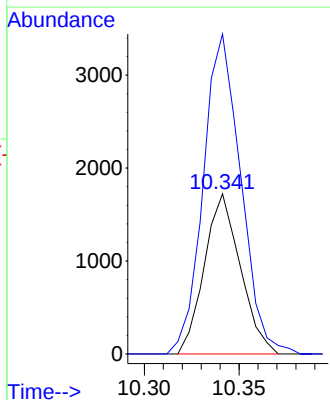
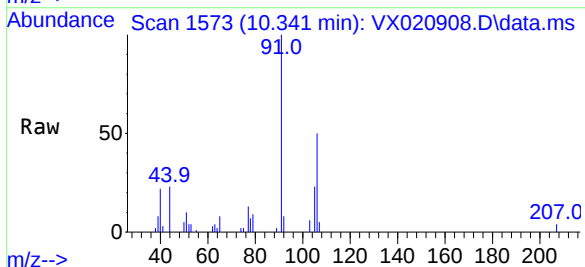
Instrument :
MSVOA_X
ClientSampled :
IBLK

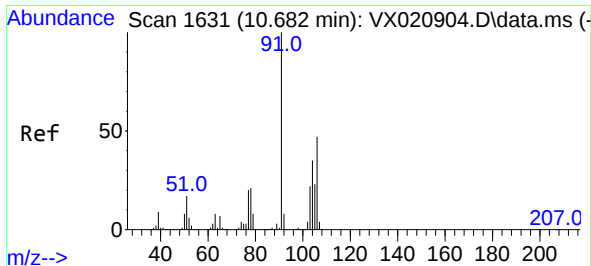
Tgt Ion: 91 Resp: 2713
Ion Ratio Lower Upper
91 100
106 39.7 25.0 37.4#



#67
m/p-Xylenes
Concen: 0.57 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 106 Resp: 2279
Ion Ratio Lower Upper
106 100
91 208.3 164.0 246.0

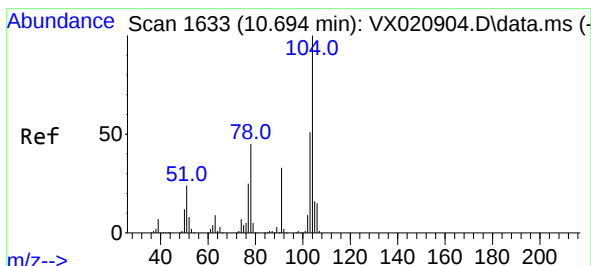
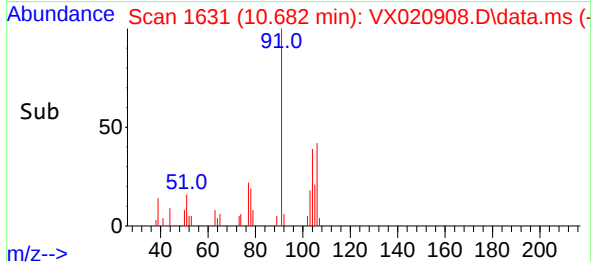
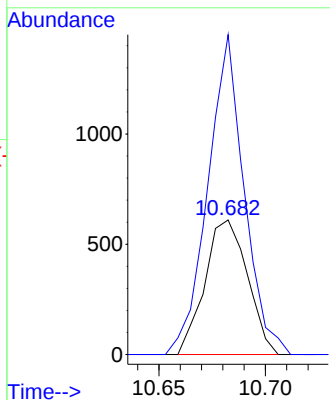
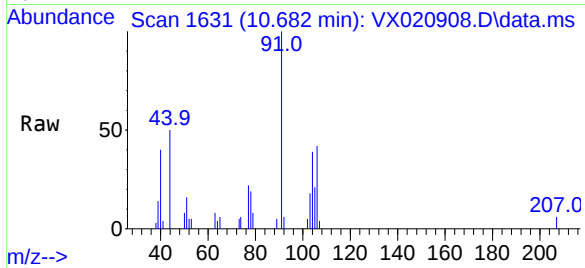




#68
o-Xylene
Concen: 0.22 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

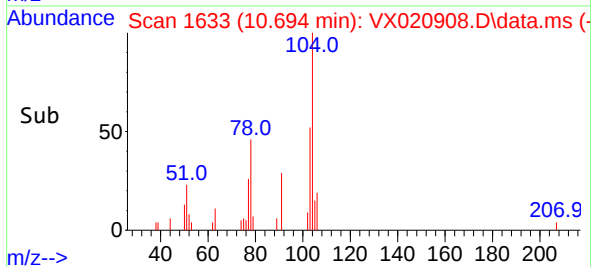
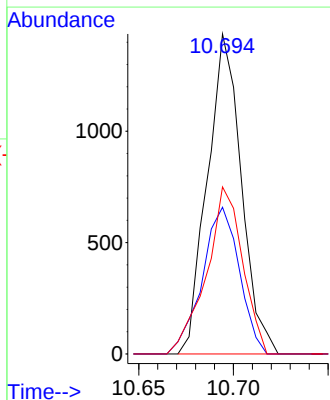
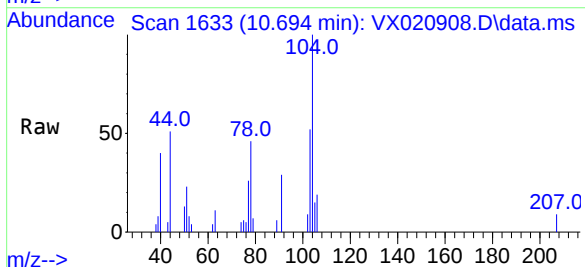
Instrument :
MSVOA_X
ClientSampled :
IBLK

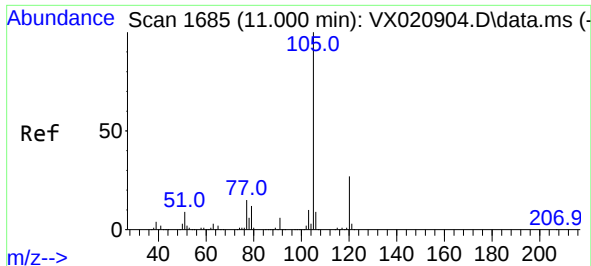
Tgt Ion:106 Resp: 849
Ion Ratio Lower Upper
106 100
91 202.9 106.5 319.6



#69
Styrene
Concen: 0.27 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:104 Resp: 1792
Ion Ratio Lower Upper
104 100
78 50.2 39.2 58.8
103 55.4 43.0 64.4

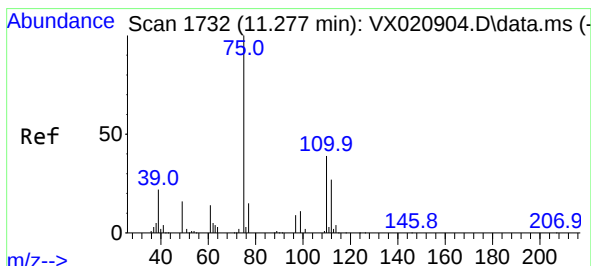
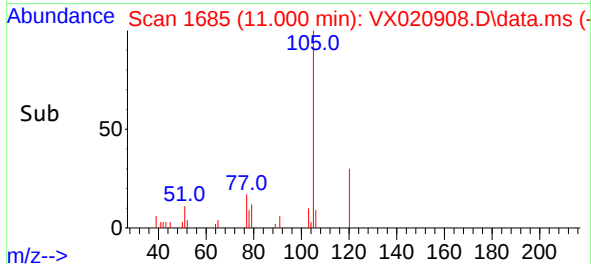
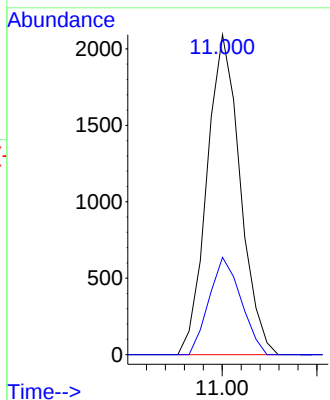
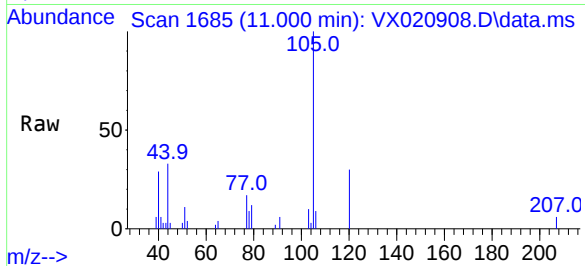




#70
Isopropylbenzene
Concen: 0.25 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

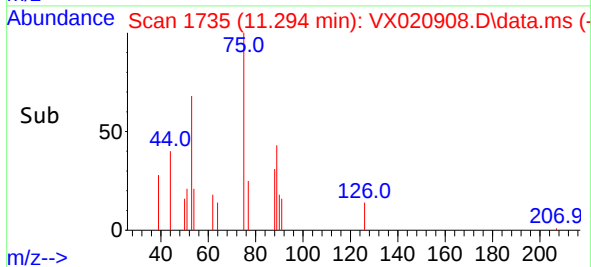
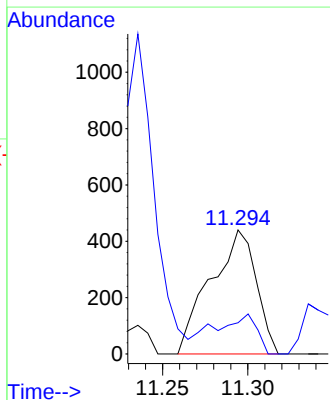
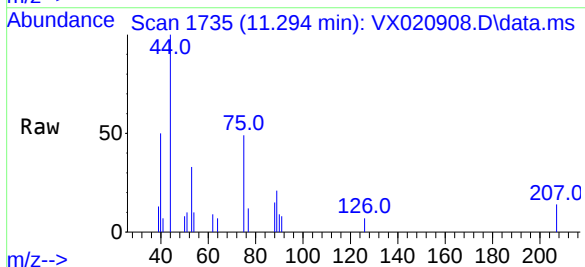
Instrument :
MSVOA_X
ClientSampled :
IBLK

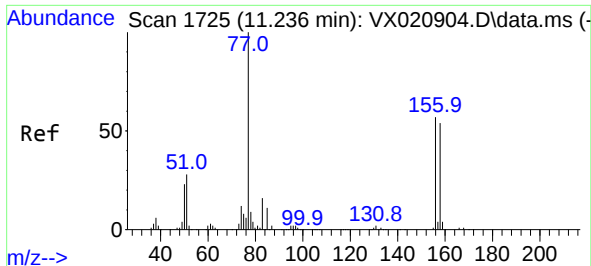
Tgt Ion:105 Resp: 2556
Ion Ratio Lower Upper
105 100
120 29.1 18.4 34.2



#72
1,2,3-Trichloropropane
Concen: 0.28 ug/l
RT: 11.294 min Scan# 1735
Delta R.T. 0.018 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 75 Resp: 824
Ion Ratio Lower Upper
75 100
77 18.8 0.0 74.6

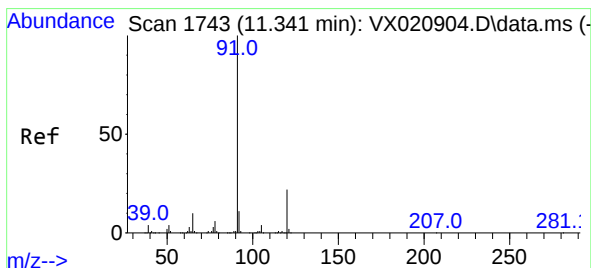
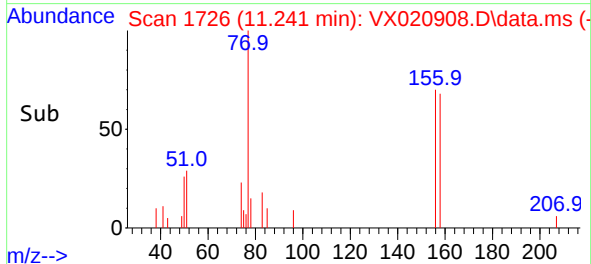
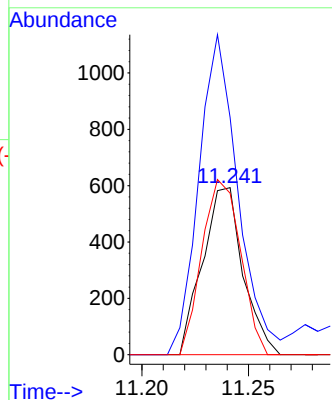
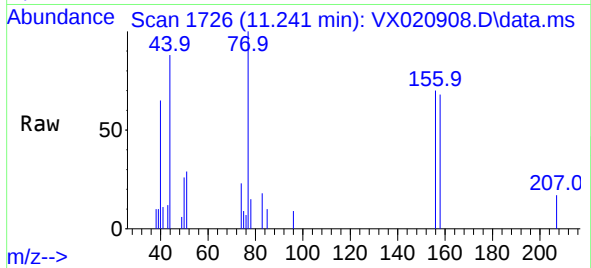




#73
Bromobenzene
Concen: 0.32 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

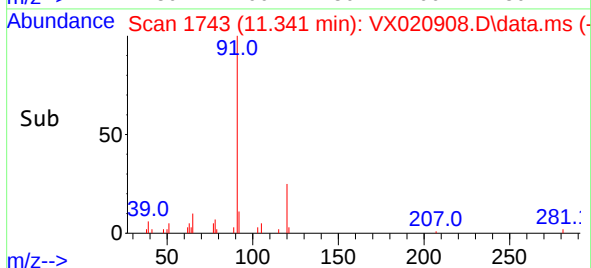
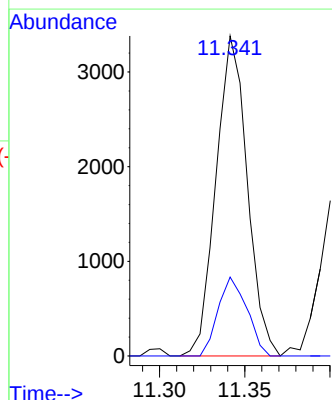
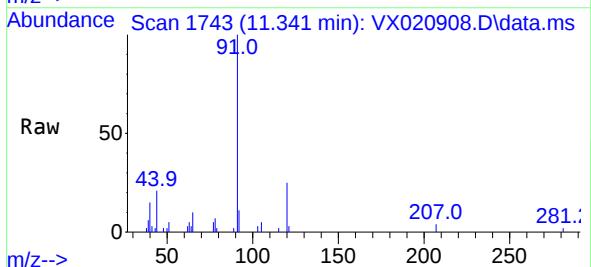
Instrument :
MSVOA_X
ClientSampled :
IBLK

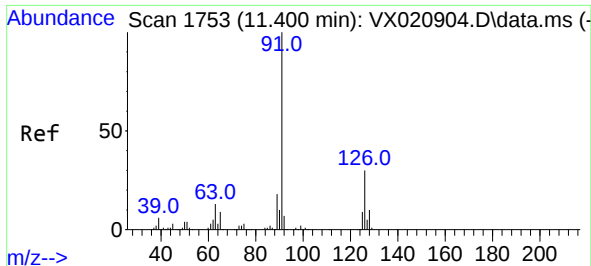
Tgt Ion:156 Resp: 785
Ion Ratio Lower Upper
156 100
77 185.0 0.0 324.8
158 100.0 0.0 192.0



#74
n-propylbenzene
Concen: 0.36 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 91 Resp: 4315
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.8

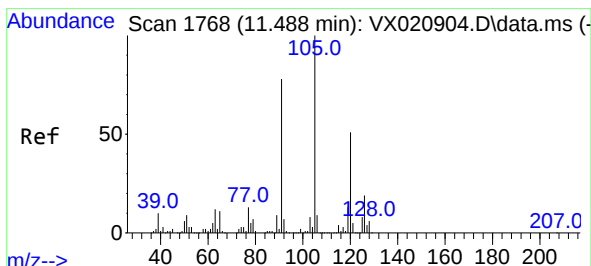
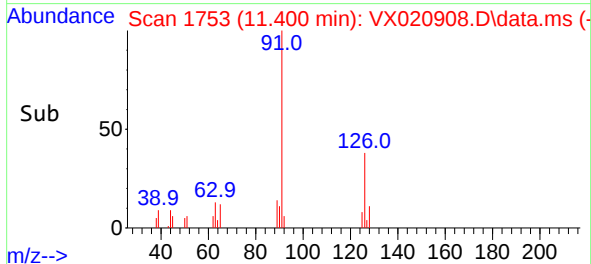
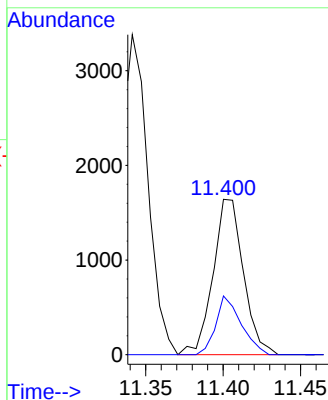
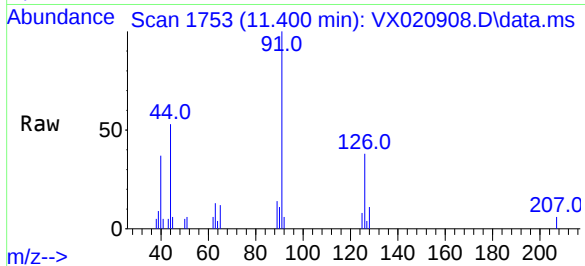




#75
2-Chlorotoluene
Concen: 0.32 ug/l
RT: 11.400 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

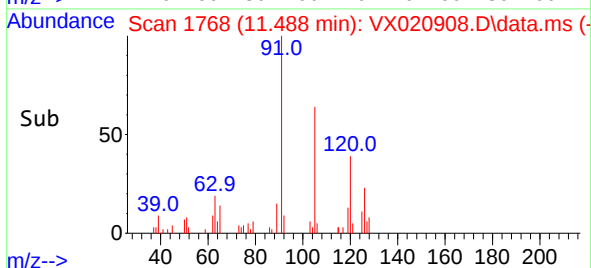
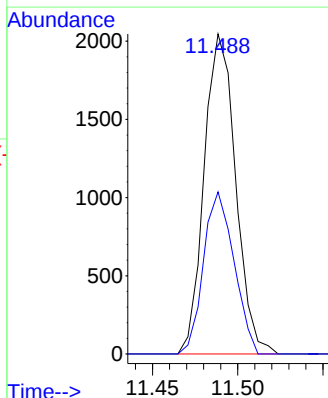
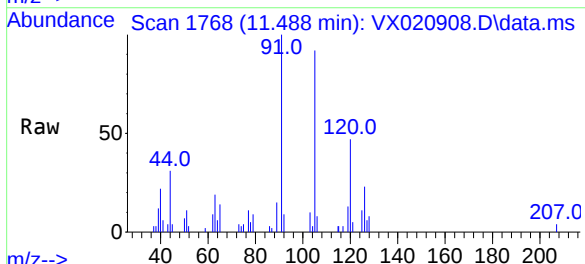
Instrument :
MSVOA_X
ClientSampled :
IBLK

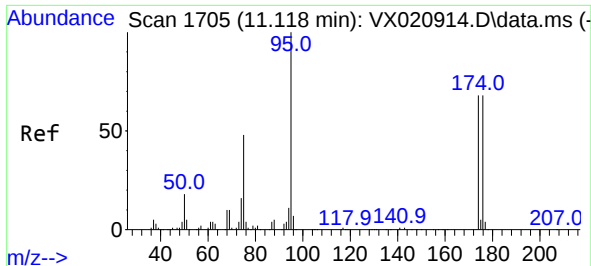
Tgt Ion: 91 Resp: 2243
Ion Ratio Lower Upper
91 100
126 31.4 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 105 Resp: 2631
Ion Ratio Lower Upper
105 100
120 49.0 0.0 96.2

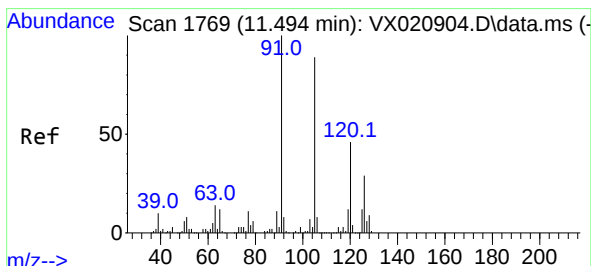
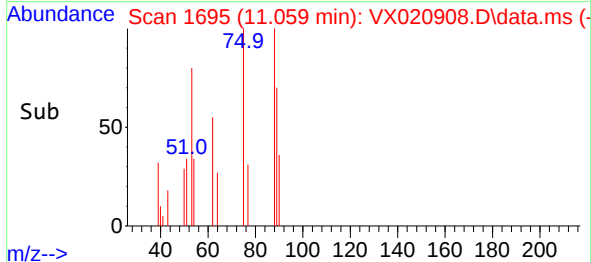
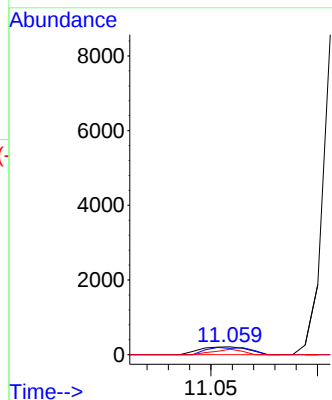
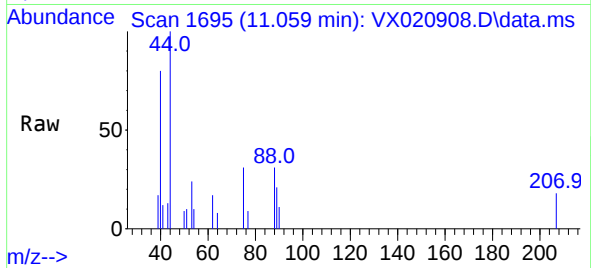




#77
t-1,4-Dichloro-2-butene
Concen: 0.27 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

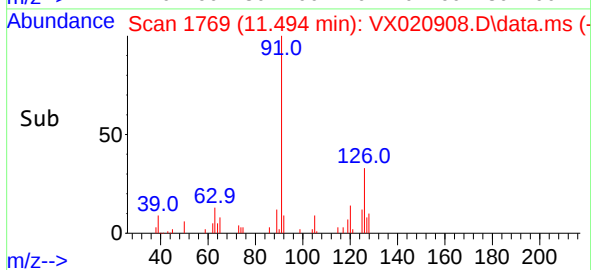
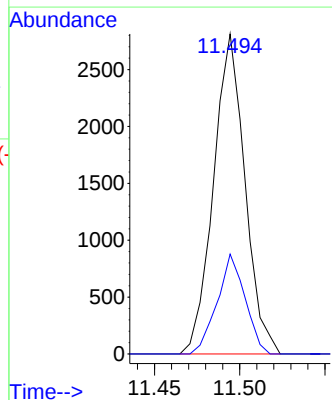
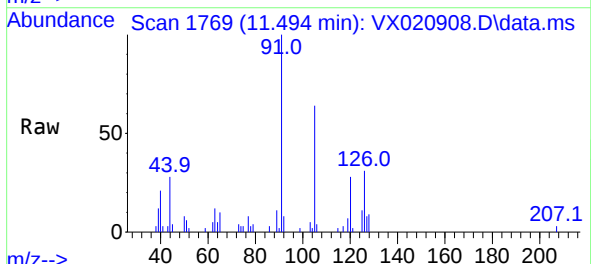
Instrument :
MSVOA_X
ClientSampled :
IBLK

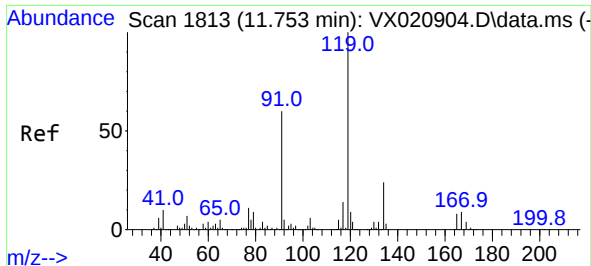
Tgt Ion: 75 Resp: 331
Ion Ratio Lower Upper
75 100
53 80.1 48.4 145.0
89 69.7 22.7 68.0#



#78
4-Chlorotoluene
Concen: 0.44 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion: 91 Resp: 3614
Ion Ratio Lower Upper
91 100
126 27.7 0.0 57.8

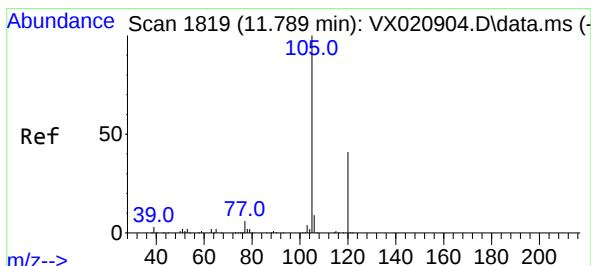
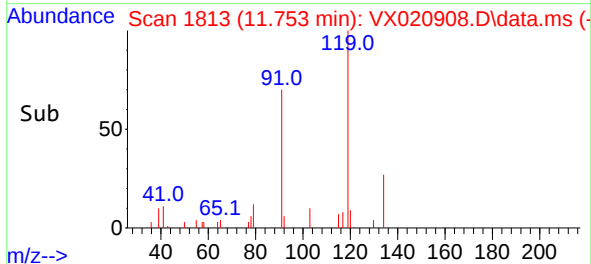
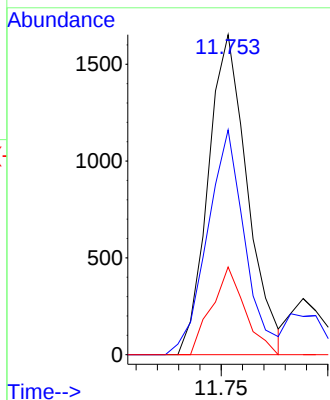
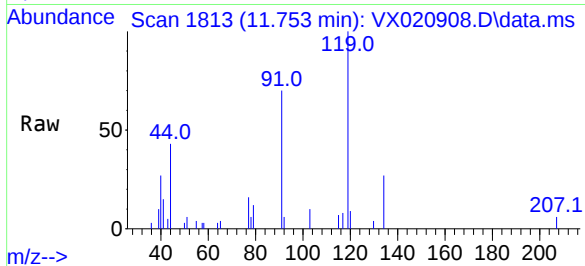




#79
tert-butylbenzene
Concen: 0.26 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

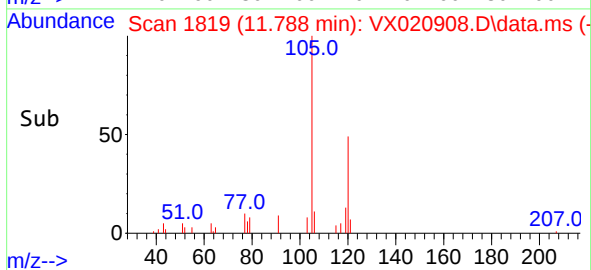
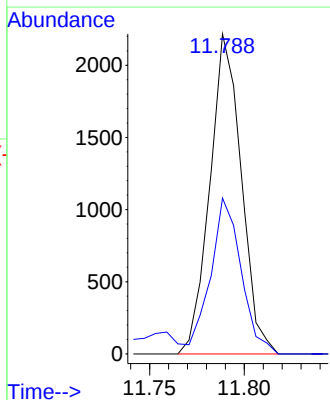
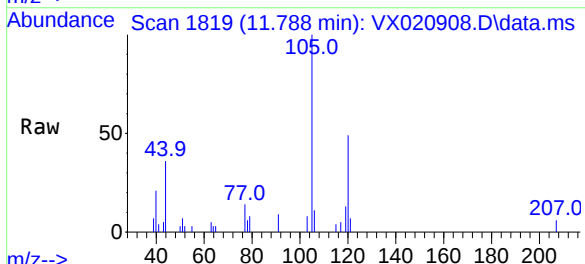
Instrument :
MSVOA_X
ClientSampled :
IBLK

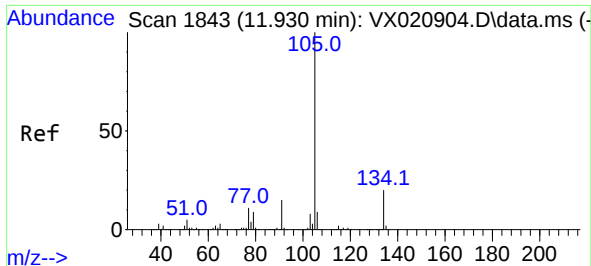
Tgt Ion:	119	Resp:	2122
Ion	Ratio	Lower	Upper
119	100		
91	67.1	0.0	118.0
134	23.2	0.0	48.0



#80
1,2,4-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	105	Resp:	2554
Ion	Ratio	Lower	Upper
105	100		
120	47.3	0.0	89.8

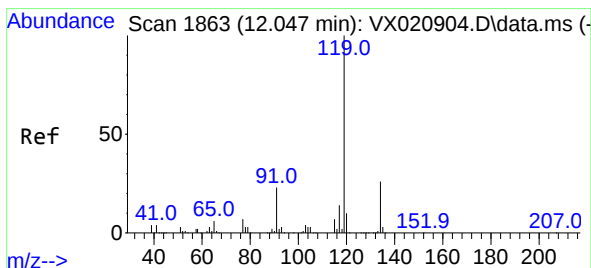
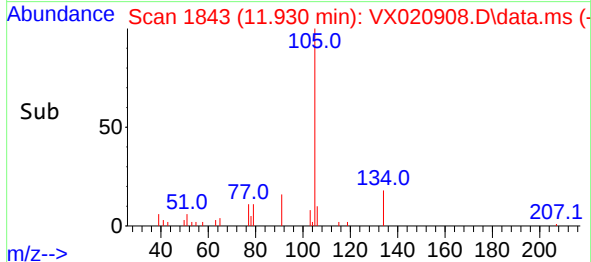
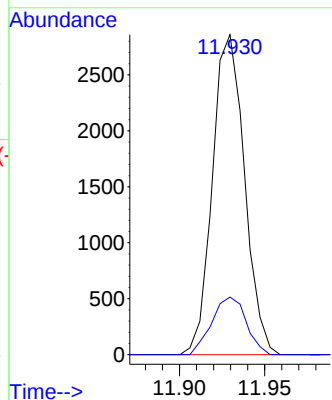
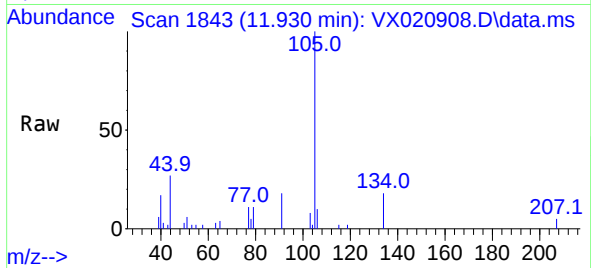




#81
sec-Butylbenzene
Concen: 0.38 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

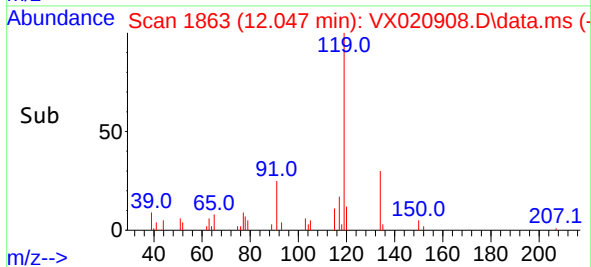
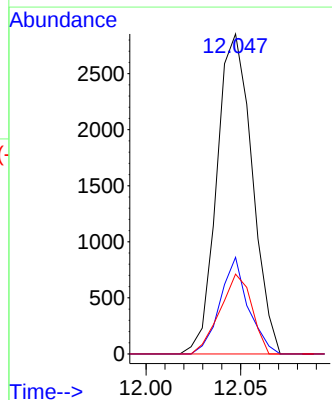
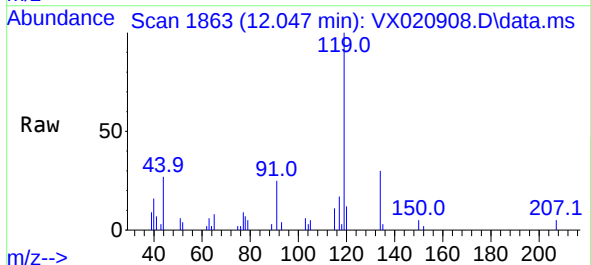
Instrument :
MSVOA_X
ClientSampled :
IBLK

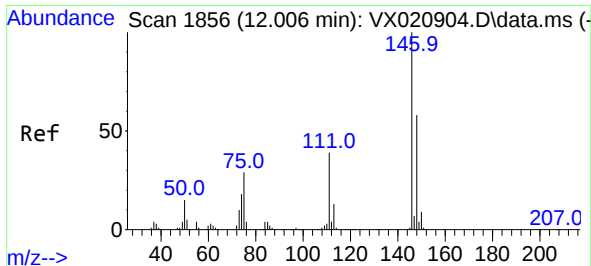
Tgt Ion:105 Resp: 3741
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.6



#82
p-Isopropyltoluene
Concen: 0.41 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:119 Resp: 3700
Ion Ratio Lower Upper
119 100
134 24.1 0.0 52.8
91 22.5 0.0 47.4

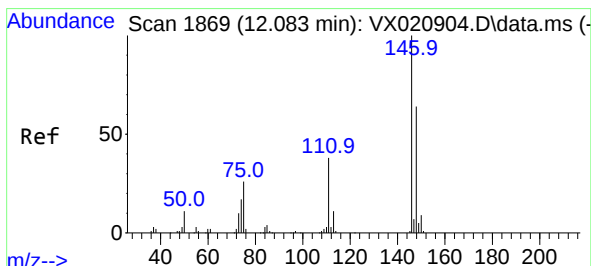
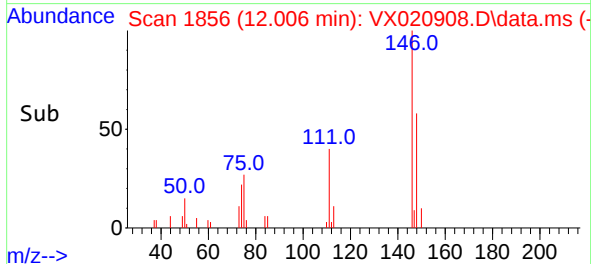
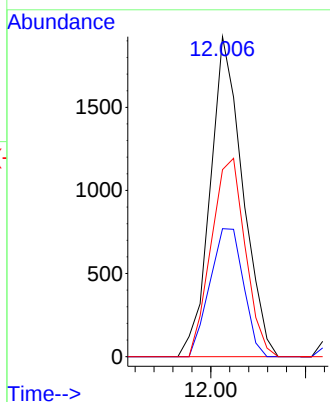
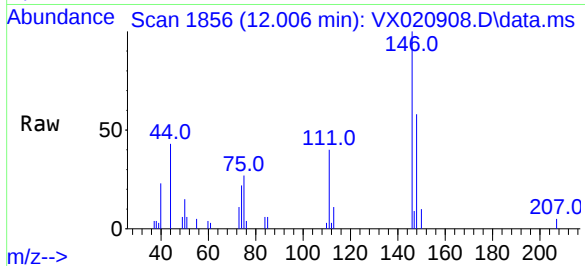




#83
1,3-Dichlorobenzene
Concen: 0.51 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

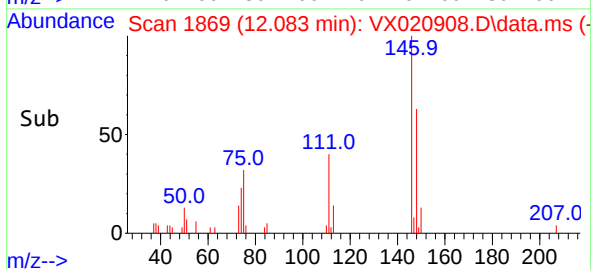
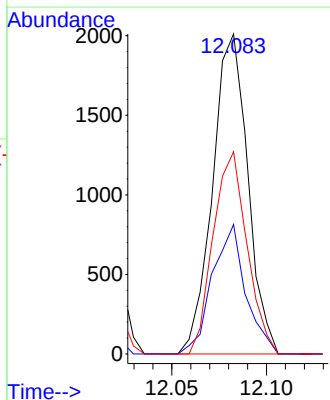
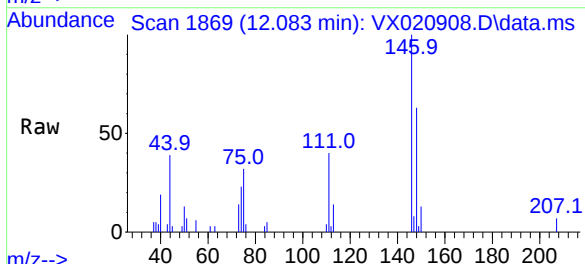
Instrument :
MSVOA_X
ClientSampled :
IBLK

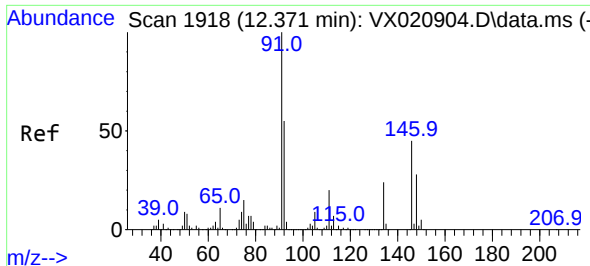
Tgt Ion:	146	Resp:	2291
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	64.9	31.9	95.9



#84
1,4-Dichlorobenzene
Concen: 0.59 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	146	Resp:	2596
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.3
148	60.7	31.9	95.5

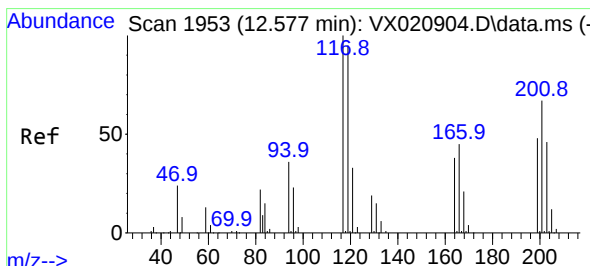
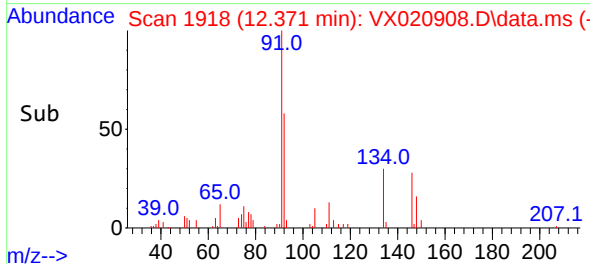
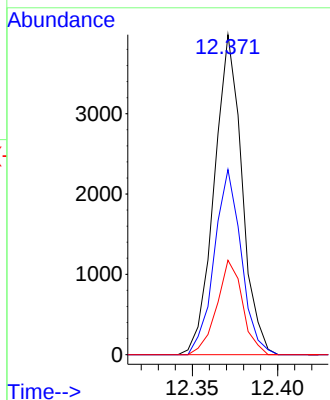
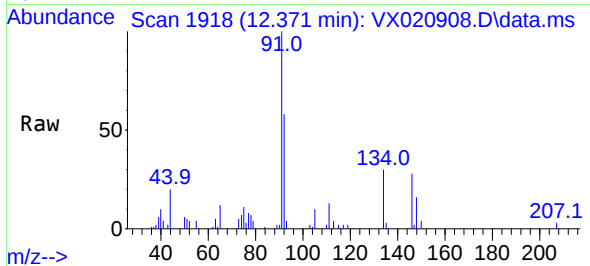




#85
n-Butylbenzene
Concen: 0.56 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

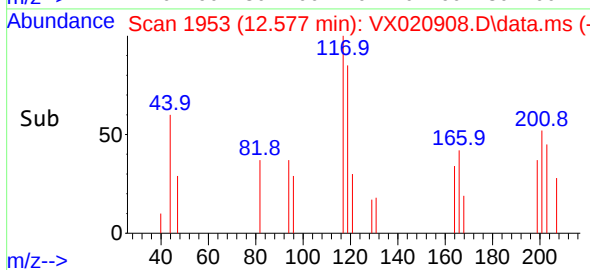
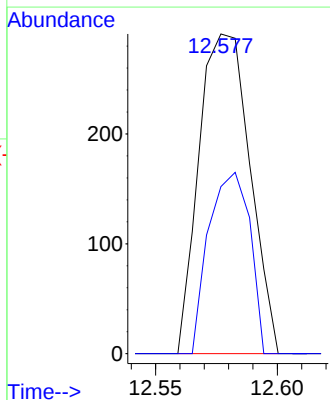
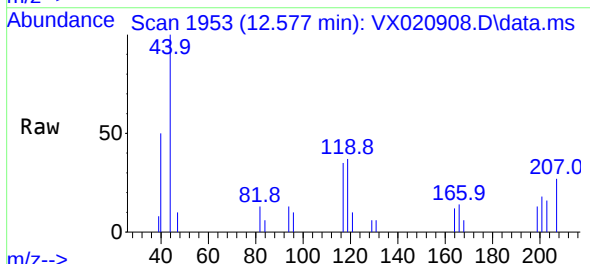
Instrument :
MSVOA_X
ClientSampled :
IBLK

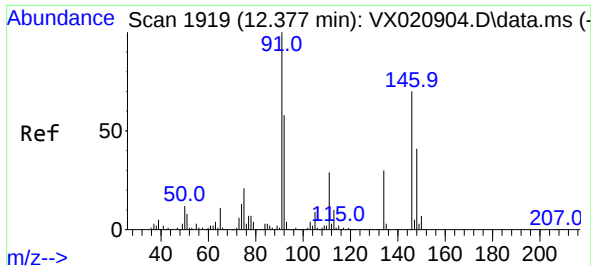
Tgt Ion:	91	Resp:	4511
Ion	Ratio	Lower	Upper
91	100		
92	56.4	0.0	109.0
134	27.5	0.0	51.8



#86
Hexachloroethane
Concen: 0.25 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	117	Resp:	424
Ion	Ratio	Lower	Upper
117	100		
201	45.8	40.5	121.4

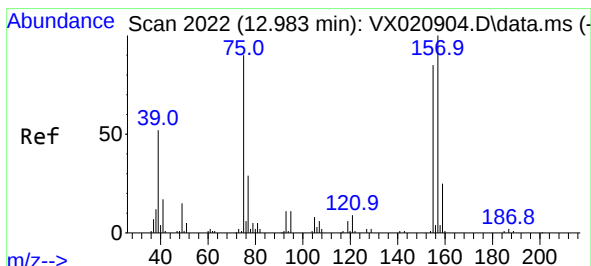
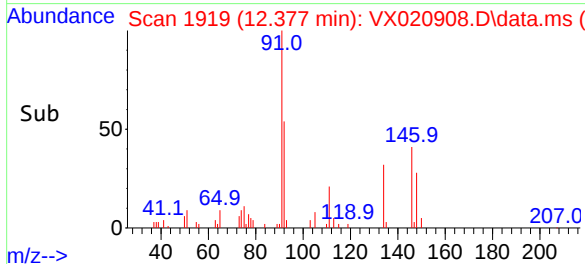
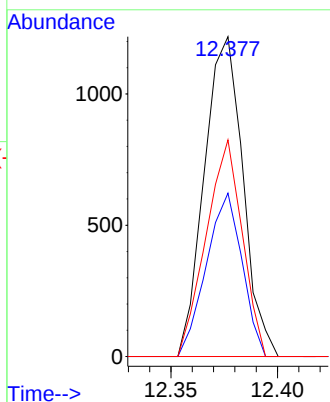
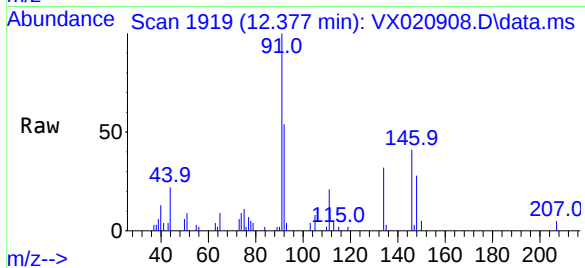




#87
1,2-Dichlorobenzene
Concen: 0.37 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

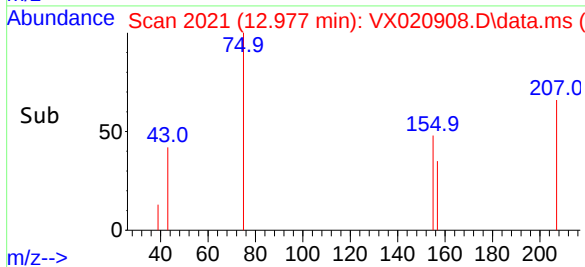
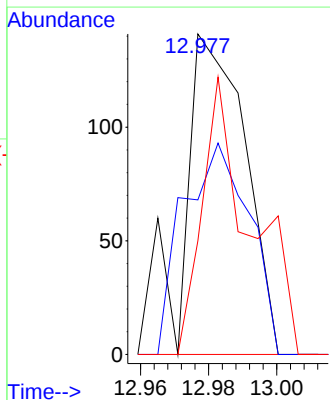
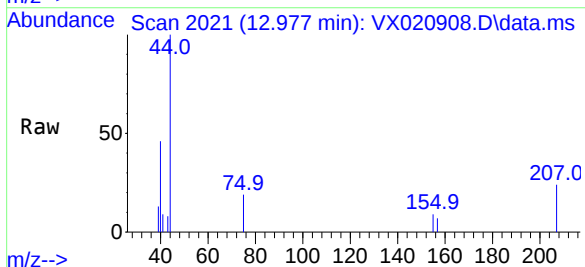
Instrument :
MSVOA_X
ClientSampled :
IBLK

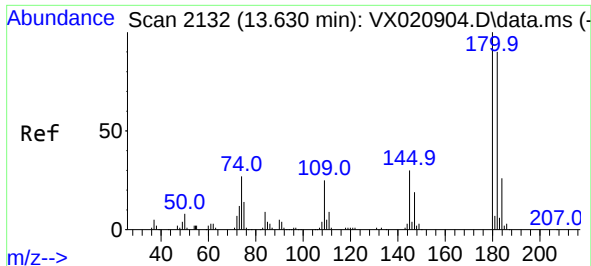
Tgt Ion:	146	Resp:	1533
Ion	Ratio	Lower	Upper
146	100		
111	47.3	20.8	62.5
148	63.3	32.4	97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 0.21 ug/l
RT: 12.977 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	75	Resp:	156
Ion	Ratio	Lower	Upper
75	100		
155	80.8	68.9	103.3
157	62.8	91.3	136.9#

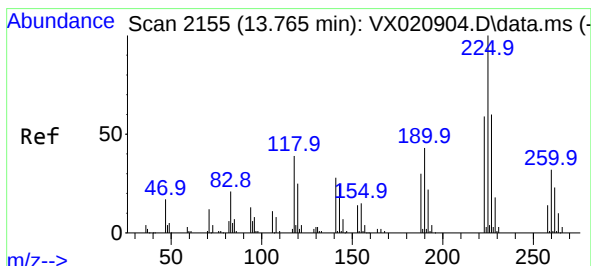
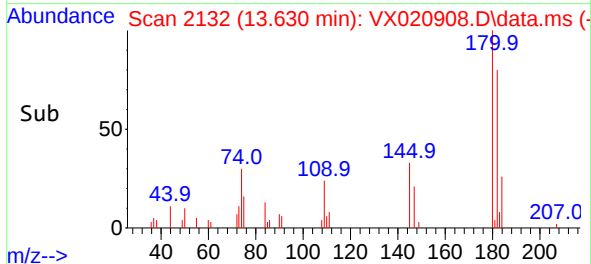
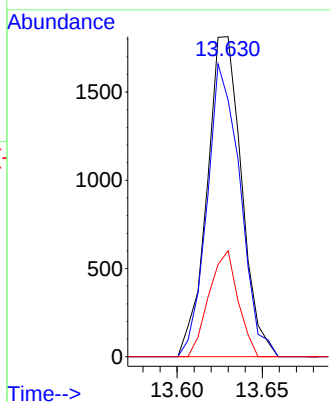
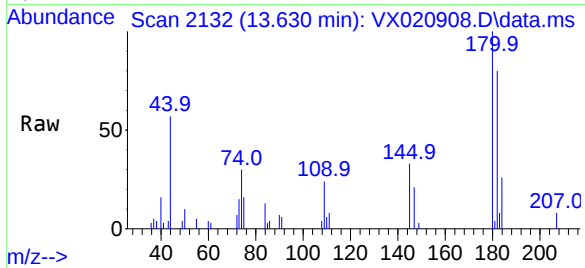




#89
1,2,4-Trichlorobenzene
Concen: 0.92 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

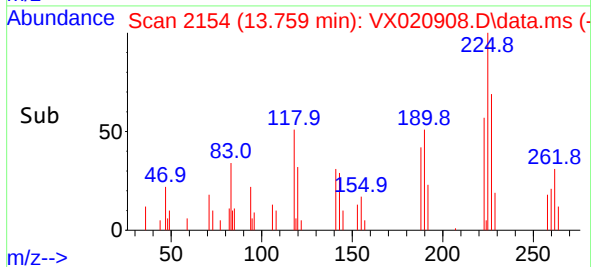
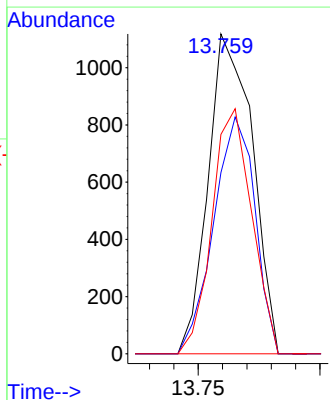
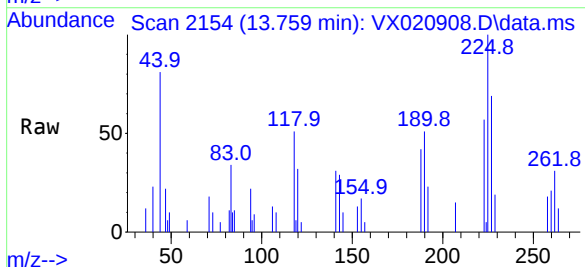
Instrument :
MSVOA_X
ClientSampled :
IBLK

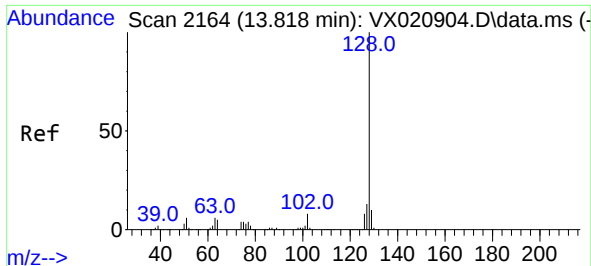
Tgt Ion:	180	Resp:	2558
Ion Ratio	Lower	Upper	
180	100		
182	87.5	77.9	116.9
145	27.8	24.3	36.5



#90
Hexachlorobutadiene
Concen: 1.24 ug/l
RT: 13.759 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	225	Resp:	1411
Ion Ratio	Lower	Upper	
225	100		
223	69.4	0.0	129.4
227	69.0	0.0	130.4

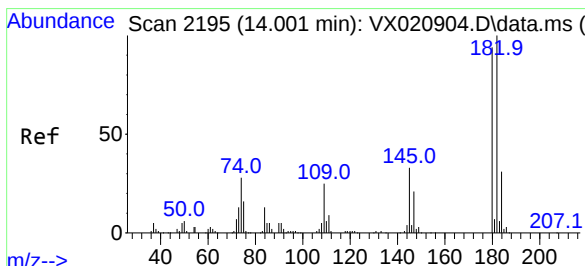
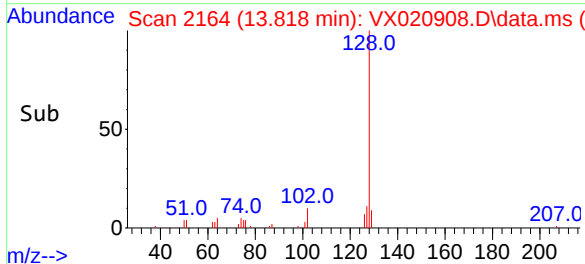
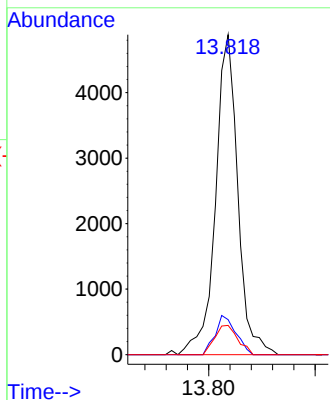
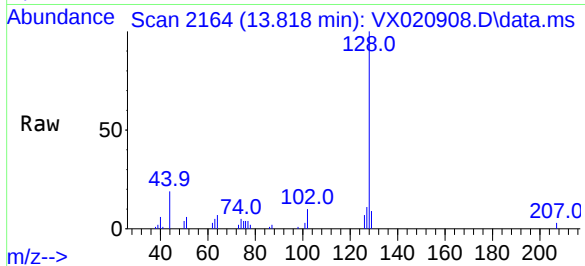




#91
Naphthalene
Concen: 0.73 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:	128	Resp:	7061
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.4
129	9.5	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 0.84 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VX020908.D
Acq: 25 Feb 2021 11:30

Tgt Ion:	180	Resp:	2307
Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	192.4
145	34.7	0.0	66.4

