

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022421\
 Data File : VX020900.D
 Acq On : 24 Feb 2021 13:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 24 18:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	156147	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	288807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	270291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	118665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	101193	47.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.96%
35) Dibromofluoromethane	5.464	113	87537	49.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.78%
50) Toluene-d8	8.694	98	351201	51.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.66%
62) 4-Bromofluorobenzene	11.118	95	134199	53.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.10%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	595	0.35	ug/l	92
3) Chloromethane	1.317	50	802	0.43	ug/l #	81
4) Vinyl Chloride	1.393	62	648	0.30	ug/l	96
5) Bromomethane	1.640	94	1512	Below Cal	#	80
6) Chloroethane	1.729	64	290	0.21	ug/l #	77
7) Trichlorofluoromethane	1.917	101	703	0.26	ug/l	94
8) Diethyl Ether	2.176	74	385	0.30	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.364	101	777	0.46	ug/l	94
10) Methyl Iodide	2.493	142	1970	0.87	ug/l	95
11) Tert butyl alcohol	2.999	59	523	1.11	ug/l	99
12) 1,1-Dichloroethene	2.352	96	749	0.43	ug/l #	83
13) Acrolein	2.270	56	744	2.56	ug/l	91
14) Allyl chloride	2.705	41	689	0.24	ug/l #	76
15) Acrylonitrile	3.123	53	1590	1.59	ug/l	96
16) Acetone	2.423	43	935	1.08	ug/l	95
17) Carbon Disulfide	2.552	76	8916	1.79	ug/l	99
18) Methyl Acetate	2.758	43	830	0.40	ug/l #	85
20) Methylene Chloride	2.835	84	773	0.37	ug/l #	85
21) trans-1,2-Dichloroethene	3.146	96	1427	0.73	ug/l	86
23) Vinyl Acetate	3.794	43	2383	0.49	ug/l #	88
25) 2-Butanone	4.652	43	742	0.56	ug/l	91
27) cis-1,2-Dichloroethene	4.564	96	912	0.40	ug/l	71
28) Bromochloromethane	4.988	49	410	0.28	ug/l #	83
29) Tetrahydrofuran	5.100	42	912	1.08	ug/l #	54
31) Cyclohexane	5.547	56	1271	0.42	ug/l #	67
36) 1,1-Dichloropropene	5.770	75	1455	0.53	ug/l	96
38) Carbon Tetrachloride	5.753	117	614	0.23	ug/l #	55
39) Methylcyclohexane	7.441	83	1581	0.46	ug/l	97
42) 1,2-Dichloroethane	6.170	62	724	0.26	ug/l	79
44) Trichloroethene	7.194	130	992	0.46	ug/l	96
46) Dibromomethane	7.635	93	425	0.31	ug/l	96
49) 1,4-Dioxane	7.723	88	114	2.19	ug/l #	63
51) 4-Methyl-2-Pentanone	8.624	43	606	0.23	ug/l #	85
52) Toluene	8.759	92	1058	0.21	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	1083	0.33	ug/l	97
54) cis-1,3-Dichloropropene	8.418	75	858	0.24	ug/l #	83

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

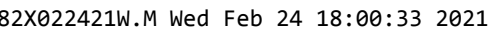
Instrument :
 MSVOA_X
 ClientSampleId :
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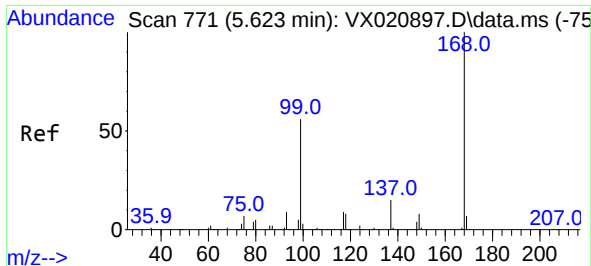
Quant Time: Feb 24 18:00:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.288	63	976	0.61	ug/l	98
59) 2-Hexanone	9.471	43	922	0.48	ug/l	86
61) 1,2-Dibromoethane	9.653	107	441	0.21	ug/l	90
64) Tetrachloroethene	9.318	164	788	0.40	ug/l	89
65) Chlorobenzene	10.118	112	1468	0.26	ug/l	97
67) Ethyl Benzene	10.236	91	2349	0.23	ug/l	96
68) m/p-Xylenes	10.341	106	1865	0.49	ug/l	80
70) Styrene	10.694	104	1584	0.25	ug/l	97
73) Isopropylbenzene	11.000	105	2234	0.24	ug/l	100
76) 1,2,3-Trichloropropane	11.118	75	62159	24.35	ug/l #	39
77) Bromobenzene	11.236	156	681	0.31	ug/l	93
78) n-propylbenzene	11.342	91	3955	0.37	ug/l	97
79) 2-Chlorotoluene	11.406	91	1960	0.30	ug/l	93
80) 1,3,5-Trimethylbenzene	11.489	105	2296	0.29	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.118	75	62159	53.91	ug/l #	12
82) 4-Chlorotoluene	11.495	91	3150	0.42	ug/l	99
83) tert-Butylbenzene	11.753	119	1860	0.25	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	2377	0.30	ug/l	96
85) sec-Butylbenzene	11.930	105	3388	0.38	ug/l	99
86) p-Isopropyltoluene	12.048	119	3244	0.40	ug/l	85
87) 1,3-Dichlorobenzene	12.012	146	2021	0.52	ug/l	95
88) 1,4-Dichlorobenzene	12.012	146	2021	0.51	ug/l	94
89) n-Butylbenzene	12.371	91	4328	0.59	ug/l	98
90) Hexachloroethane	12.577	117	362	0.23	ug/l	56
91) 1,2-Dichlorobenzene	12.377	146	1342	0.35	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.983	75	142	0.21	ug/l	71
93) 1,2,4-Trichlorobenzene	13.630	180	2327	0.95	ug/l	90
94) Hexachlorobutadiene	13.765	225	1697	1.73	ug/l	96
95) Naphthalene	13.818	128	7061	0.81	ug/l	98
96) 1,2,3-Trichlorobenzene	14.001	180	2302	0.95	ug/l	99

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

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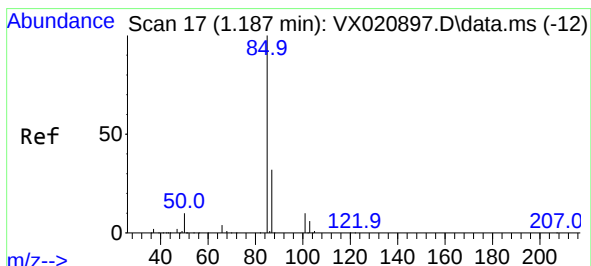
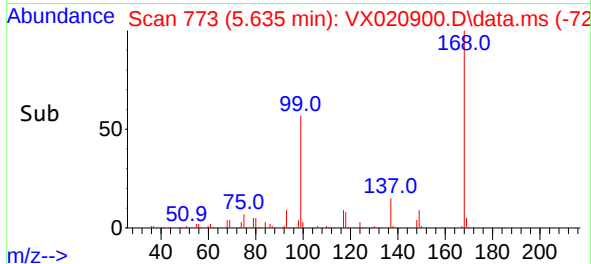
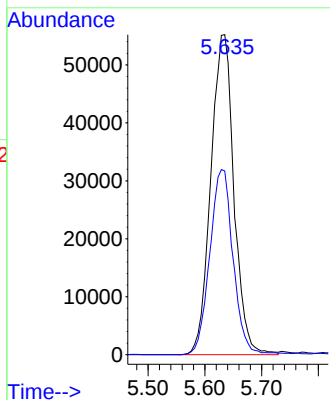
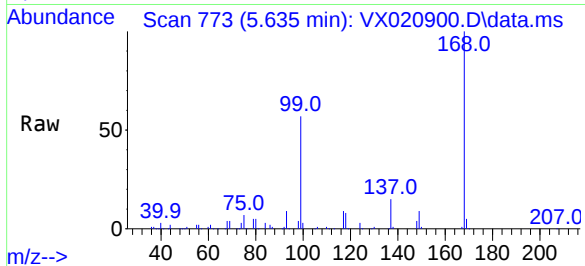




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

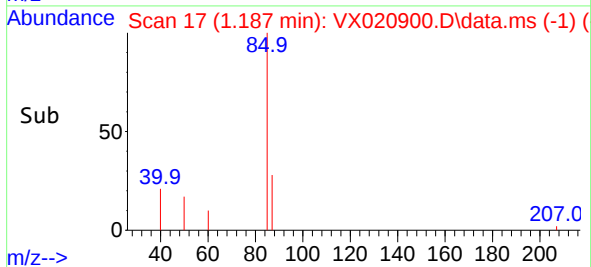
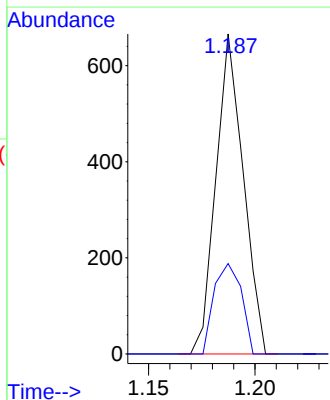
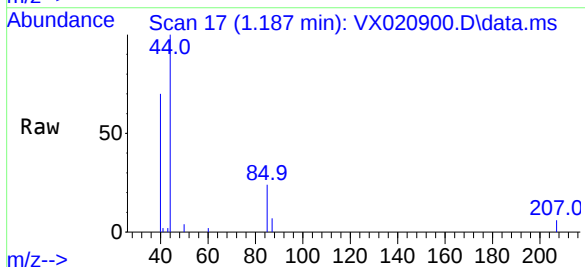
Instrument :
MSVOA_X
ClientSampled :
IBLK

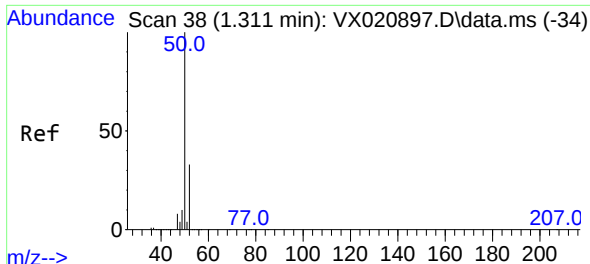
Tgt Ion:168 Resp: 156147
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.35 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 85 Resp: 595
Ion Ratio Lower Upper
85 100
87 28.2 16.4 49.2

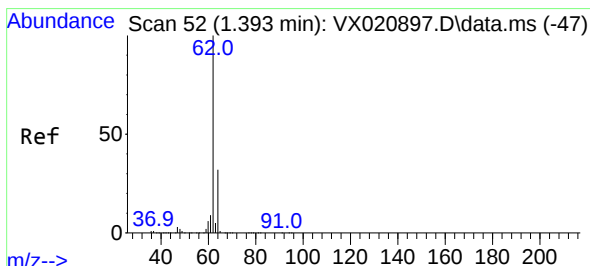
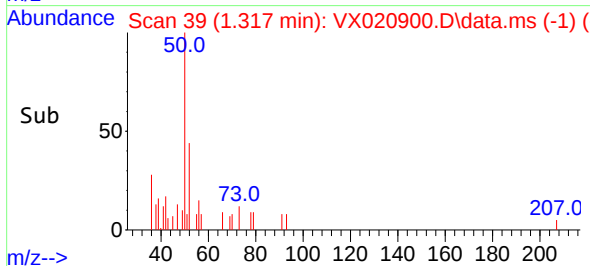
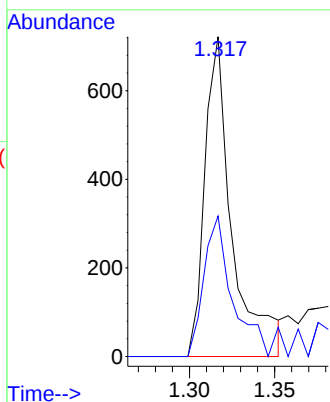
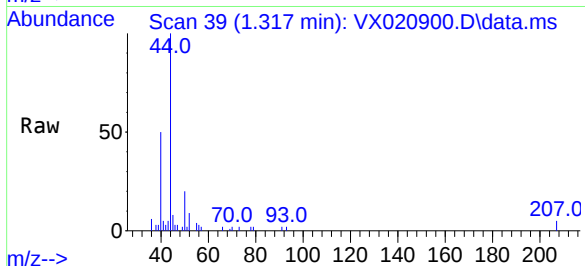




#3
Chloromethane
Concen: 0.43 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

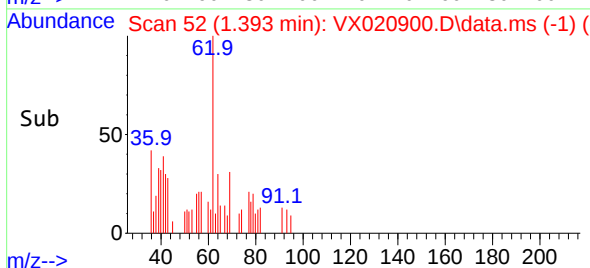
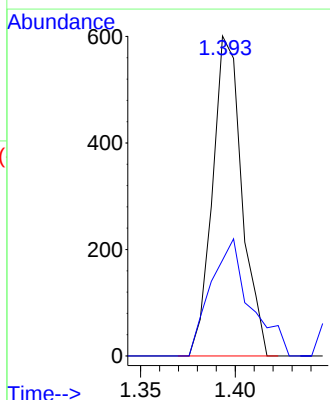
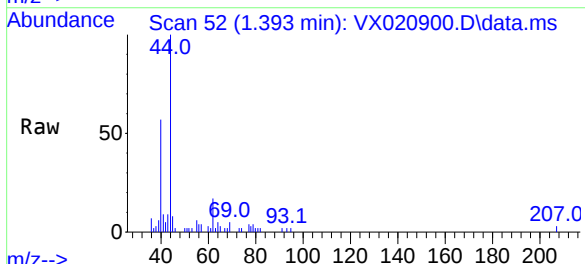
Instrument :
MSVOA_X
ClientSampled :
IBLK

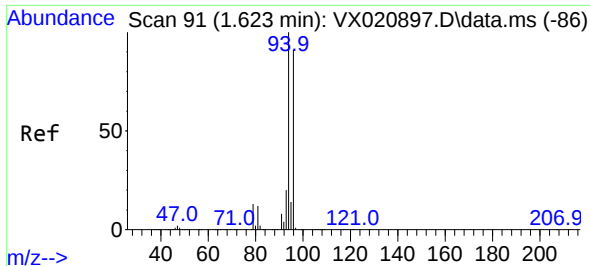
Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 43.9 26.4 39.6#



#4
Vinyl Chloride
Concen: 0.30 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 62 Resp: 648
Ion Ratio Lower Upper
62 100
64 30.0 25.7 38.5

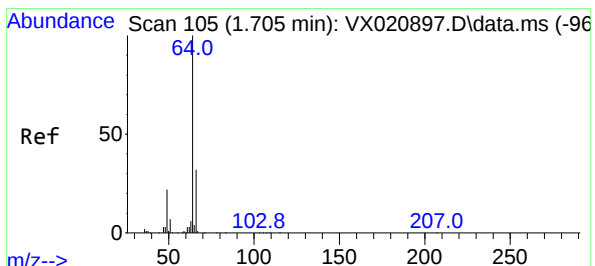
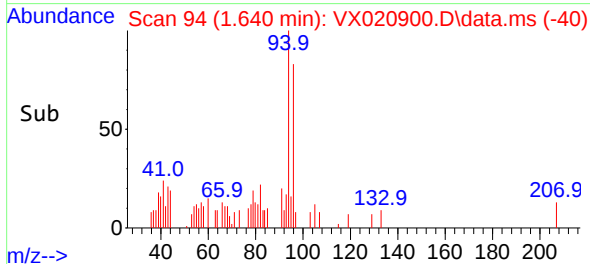
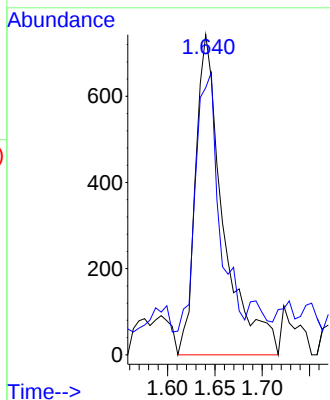
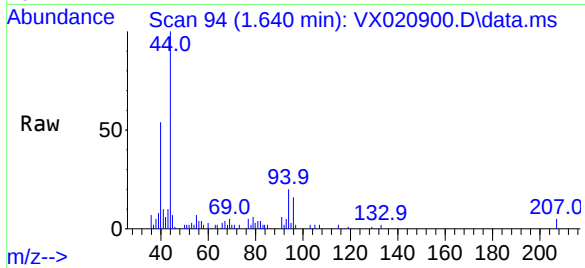




#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

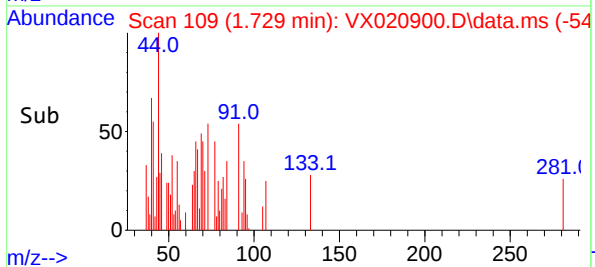
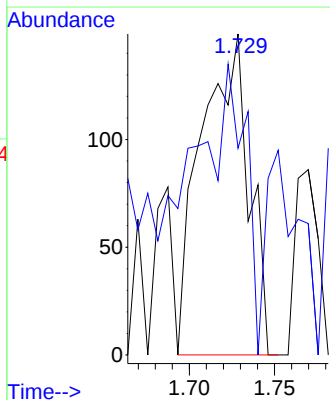
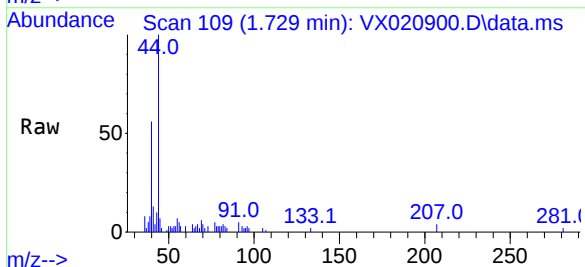
Instrument :
MSVOA_X
ClientSampleId :
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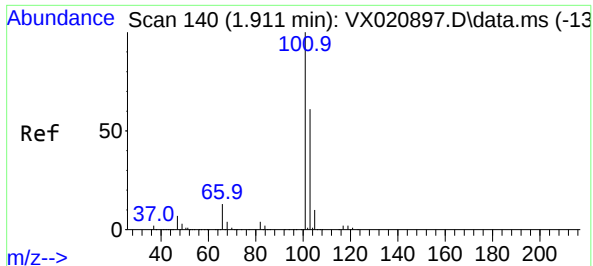
Tgt Ion: 94 Resp: 1512
Ion Ratio Lower Upper
94 100
96 76.0 76.4 114.6#



#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.729 min Scan# 109
Delta R.T. 0.024 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 18.8 25.4 38.0#

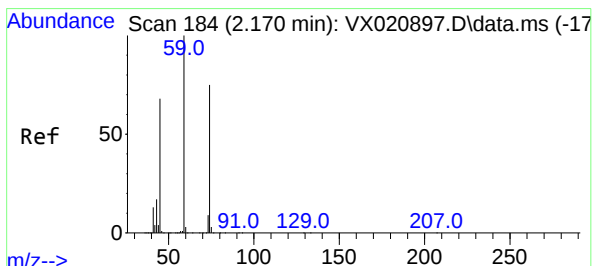
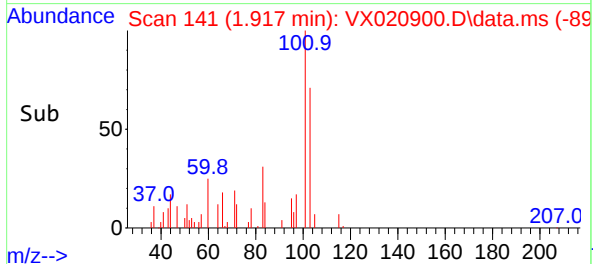
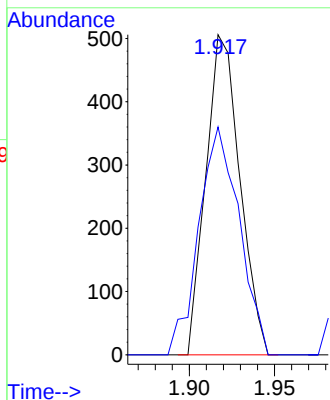
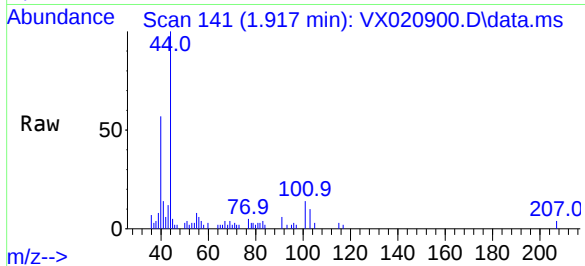




#7
Trichlorofluoromethane
Concen: 0.26 ug/l
RT: 1.917 min Scan# 141
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

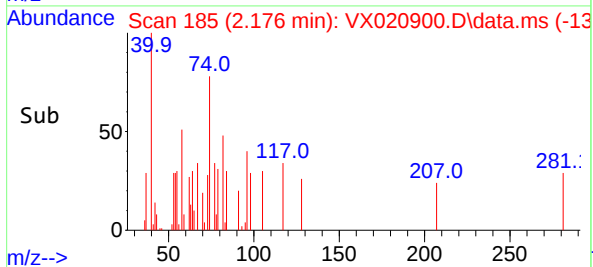
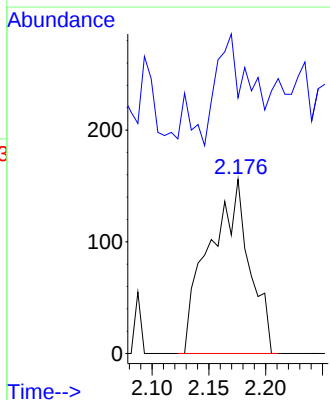
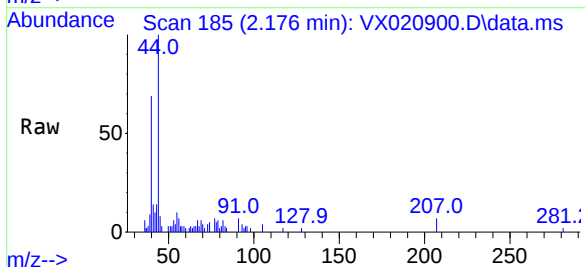
Instrument :
MSVOA_X
ClientSampled :
IBLK

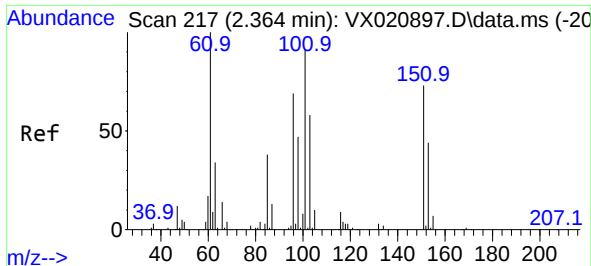
Tgt Ion:101 Resp: 703
Ion Ratio Lower Upper
101 100
103 71.1 53.2 79.8



#8
Diethyl Ether
Concen: 0.30 ug/l
RT: 2.176 min Scan# 185
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 74 Resp: 385
Ion Ratio Lower Upper
74 100
45 50.9 44.5 133.5



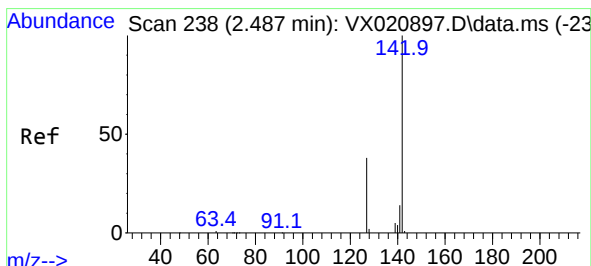
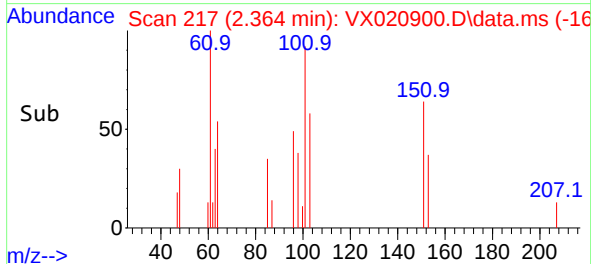
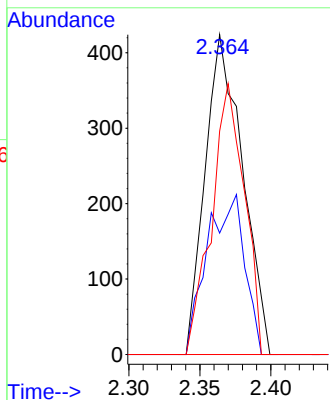
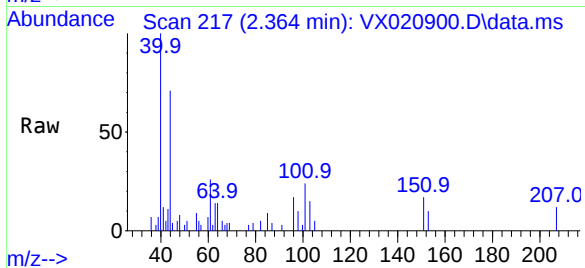


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.46 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:101 Resp: 777

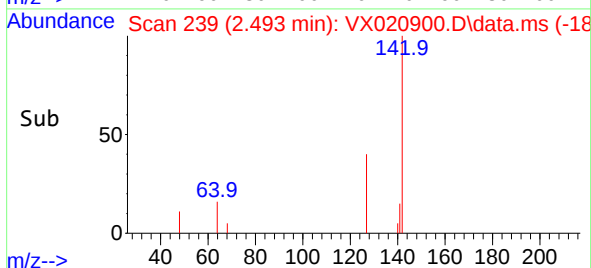
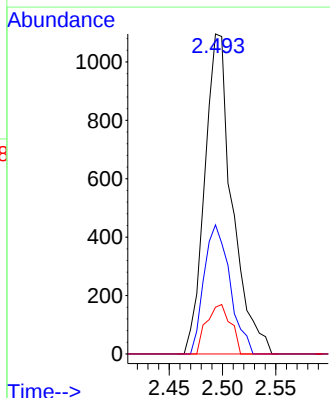
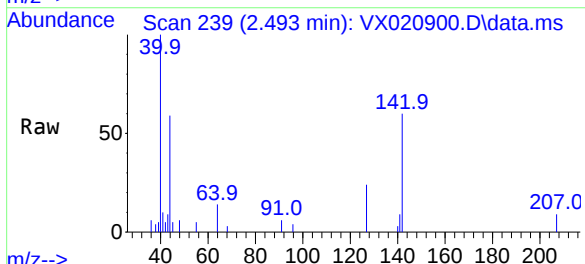
Ion	Ratio	Lower	Upper
101	100		
85	50.2	34.9	52.3
151	74.3	61.4	92.2

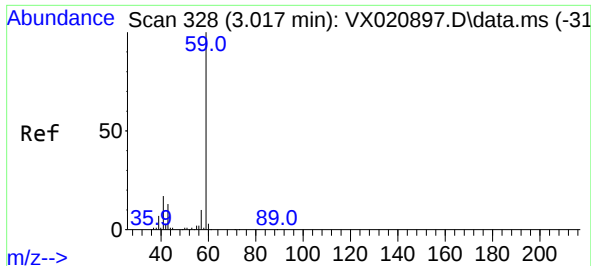


#10
Methyl Iodide
Concen: 0.87 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:142 Resp: 1970

Ion	Ratio	Lower	Upper
142	100		
127	38.0	33.3	49.9
141	13.5	11.4	17.0

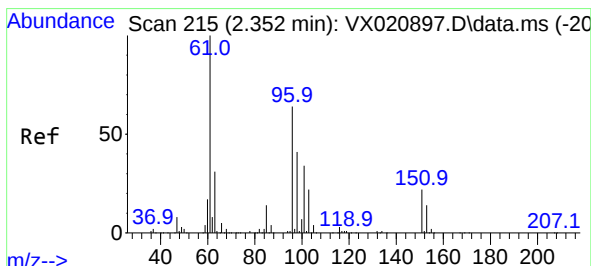
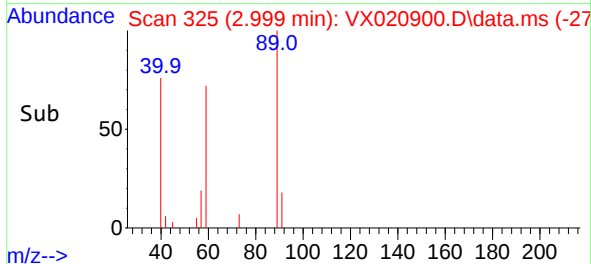
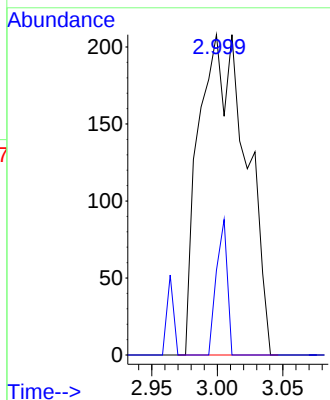
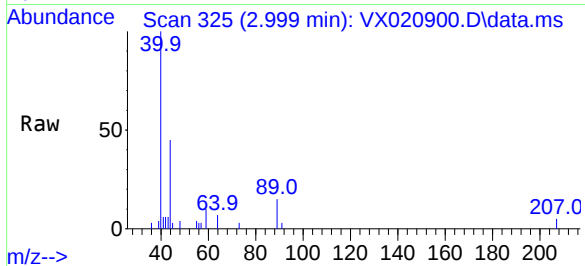




#11
Tert butyl alcohol
Concen: 1.11 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

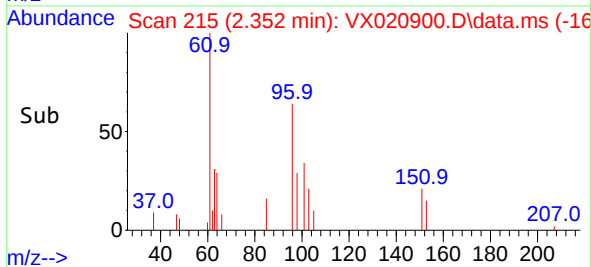
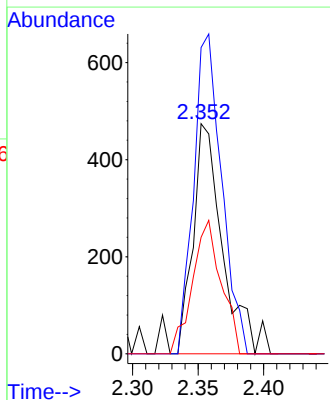
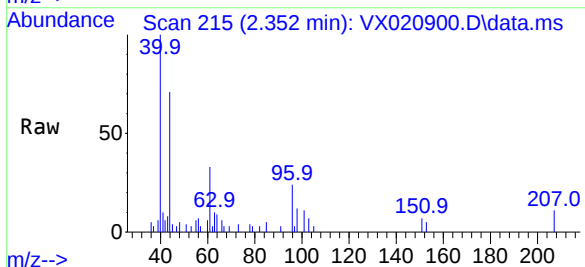
Instrument :
MSVOA_X
ClientSampled :
IBLK

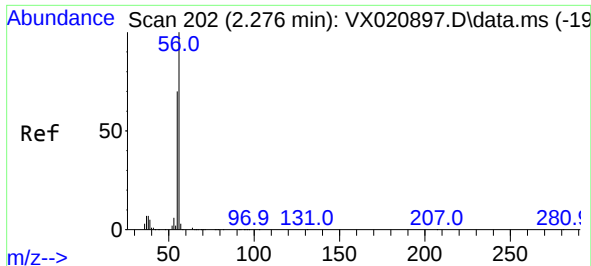
Tgt Ion: 59 Resp: 523
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 0.43 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 96 Resp: 749
Ion Ratio Lower Upper
96 100
61 133.1 124.6 187.0
98 50.6 50.6 76.0#

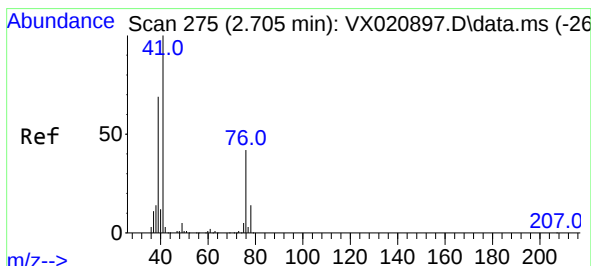
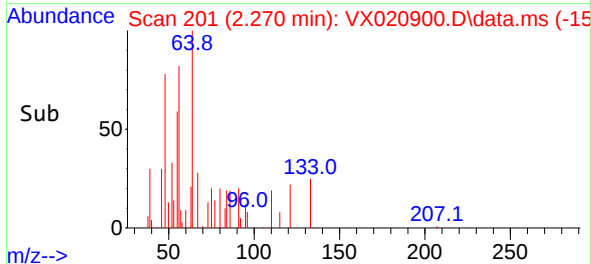
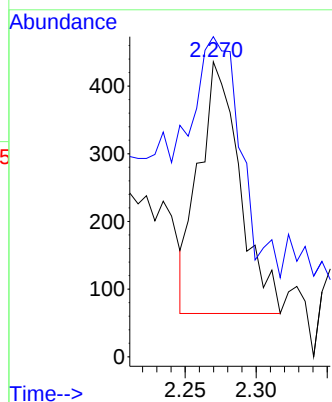
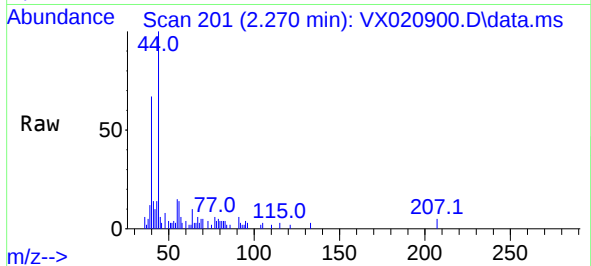




#13
Acrolein
Concen: 2.56 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

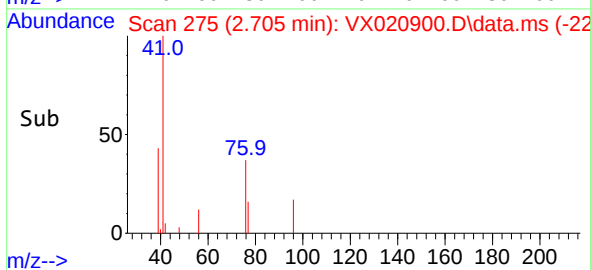
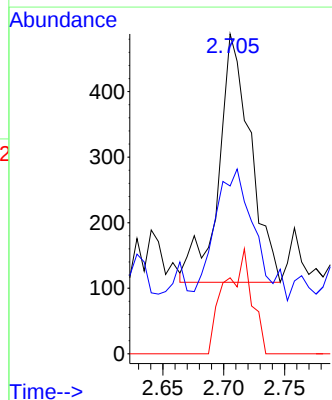
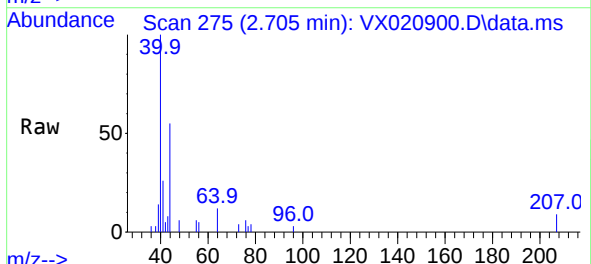
Instrument :
MSVOA_X
ClientSampleId :
IBLK

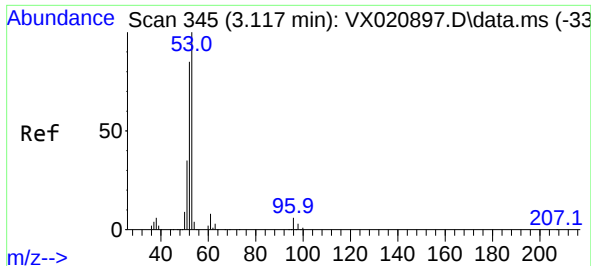
Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
55 78.1 56.4 84.6



#14
Allyl chloride
Concen: 0.24 ug/l
RT: 2.705 min Scan# 275
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 41 Resp: 689
Ion Ratio Lower Upper
41 100
39 65.7 51.6 77.4
76 0.0 30.5 45.7#

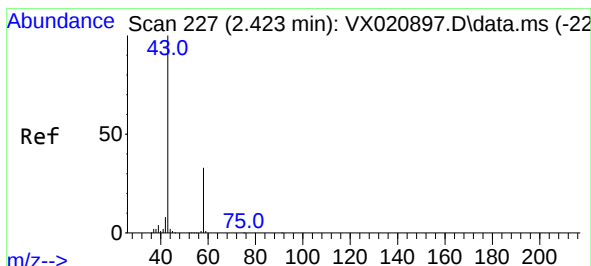
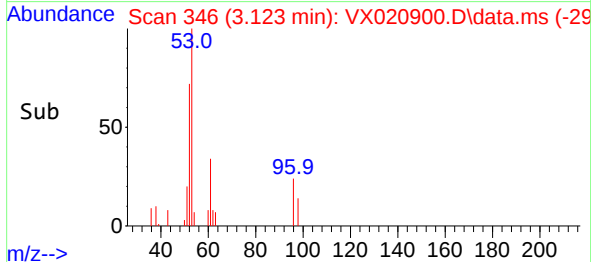
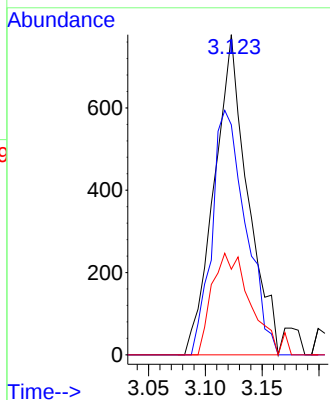
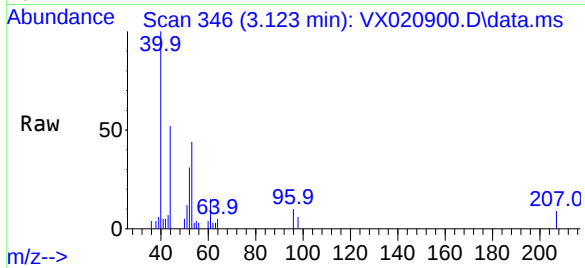




#15
Acrylonitrile
Concen: 1.59 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

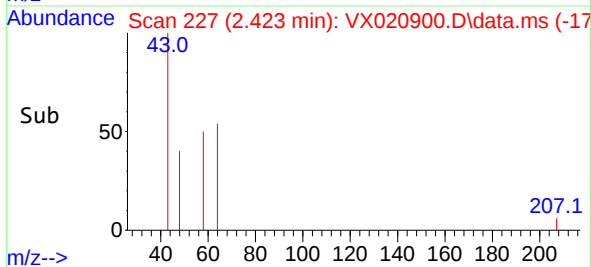
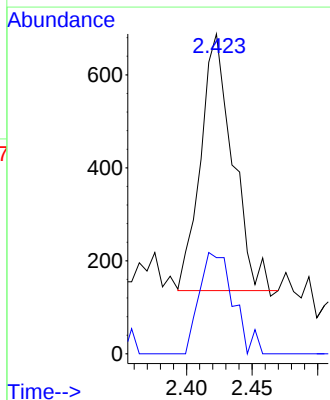
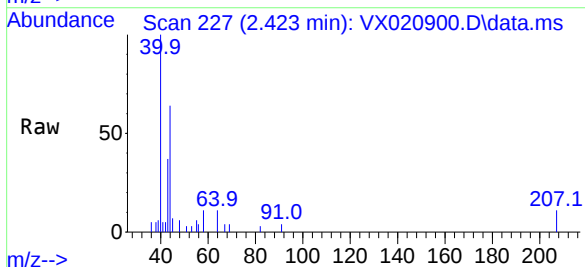
Instrument :
MSVOA_X
ClientSampled :
IBLK

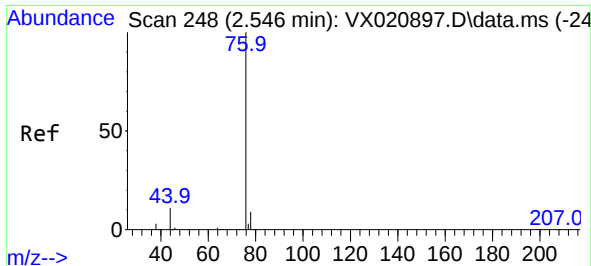
Tgt Ion: 53 Resp: 1590
Ion Ratio Lower Upper
53 100
52 77.6 65.3 97.9
51 37.1 28.2 42.2



#16
Acetone
Concen: 1.08 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 37.5 27.8 41.8

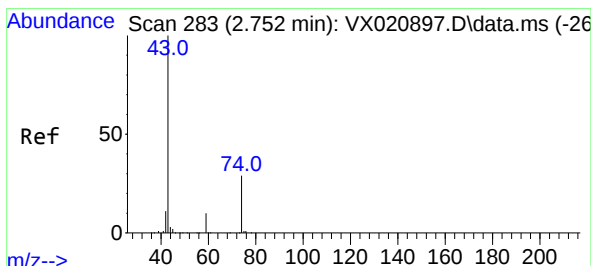
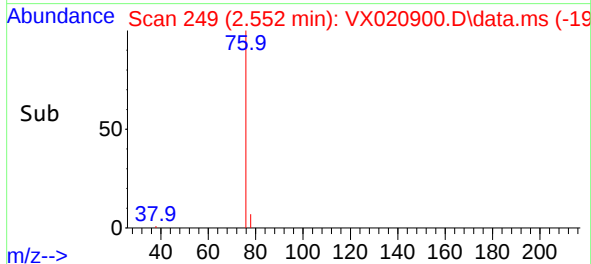
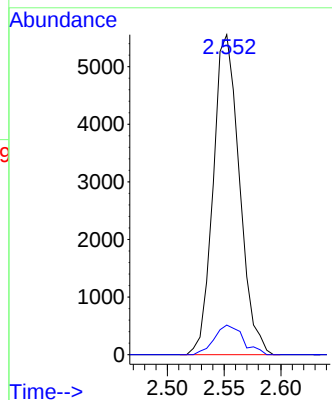
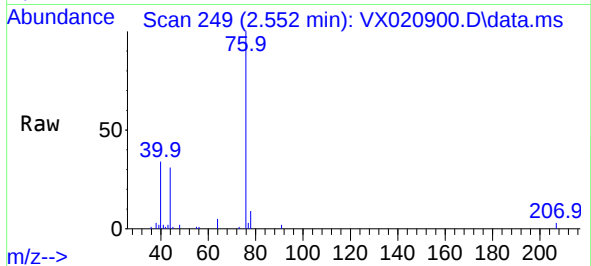




#17
Carbon Disulfide
Concen: 1.79 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

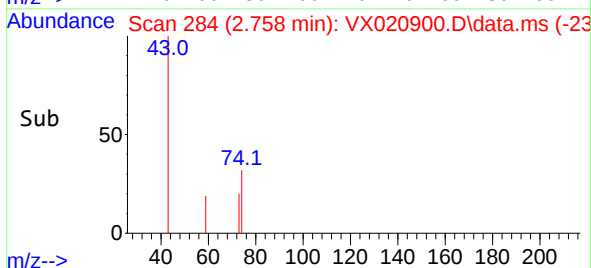
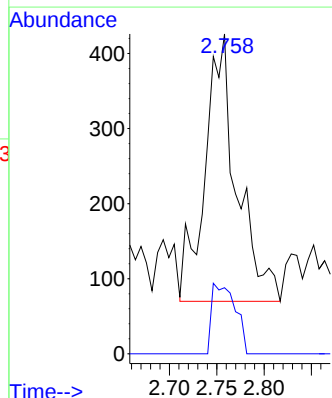
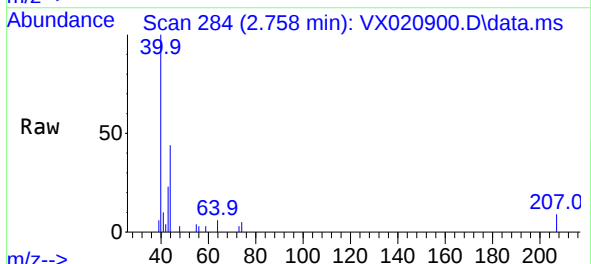
Instrument :
MSVOA_X
ClientSampled :
IBLK

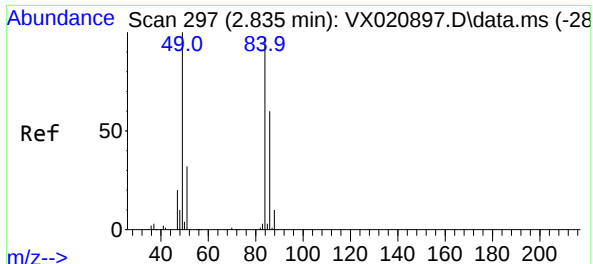
Tgt Ion: 76 Resp: 8916
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

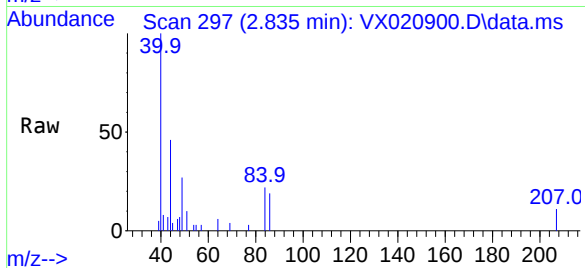
Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
74 19.4 21.9 32.9#





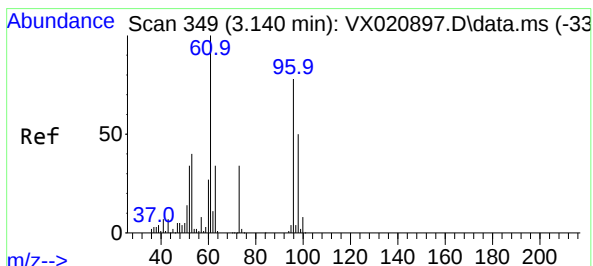
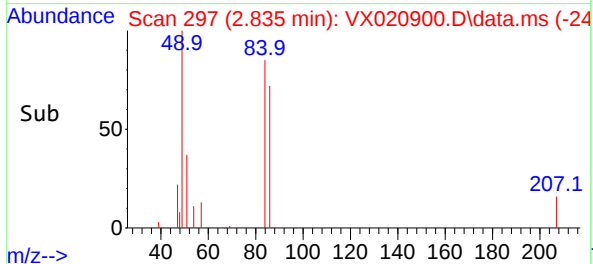
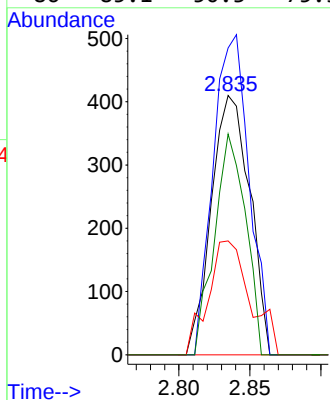
#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

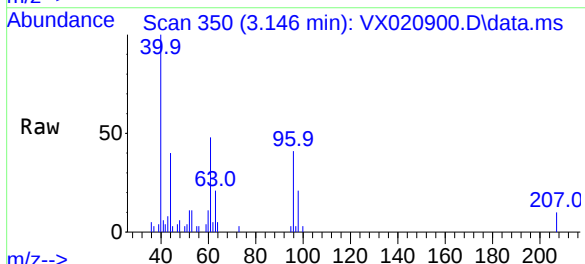


Tgt Ion: 84 Resp: 773

Ion	Ratio	Lower	Upper
84	100		
49	118.3	88.6	132.8
51	43.9	27.0	40.6#
86	85.1	50.3	75.5#

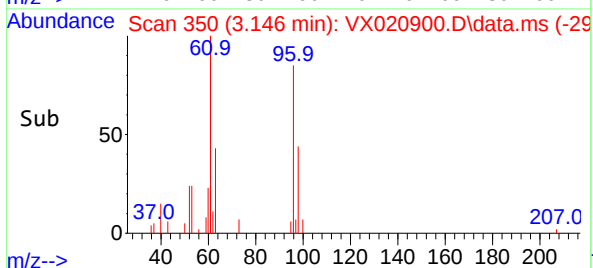
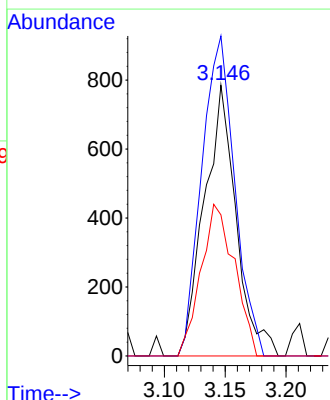


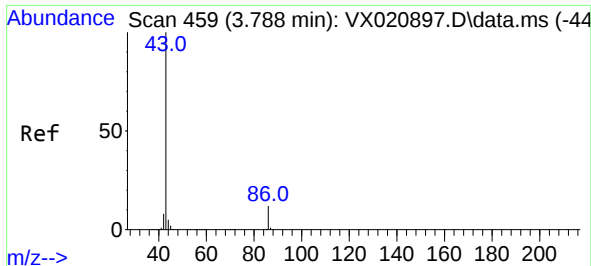
#21
trans-1,2-Dichloroethene
Concen: 0.73 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39



Tgt Ion: 96 Resp: 1427

Ion	Ratio	Lower	Upper
96	100		
61	118.2	107.7	161.5
98	52.1	50.4	75.6

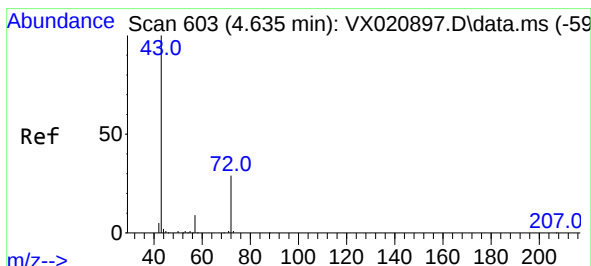
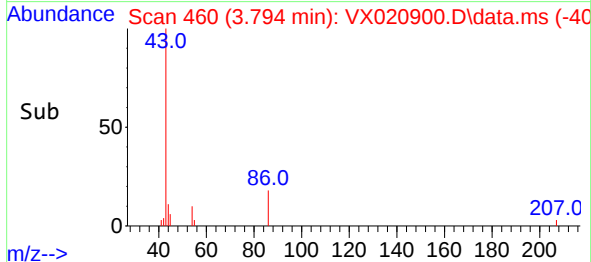
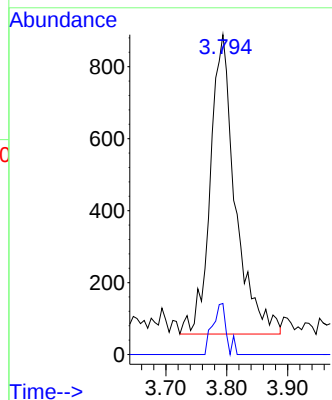
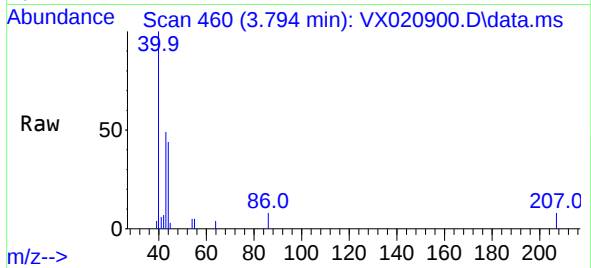




#23
 Vinyl Acetate
 Concen: 0.49 ug/l
 RT: 3.794 min Scan# 460
 Delta R.T. 0.006 min
 Lab File: VX020900.D
 Acq: 24 Feb 2021 13:39

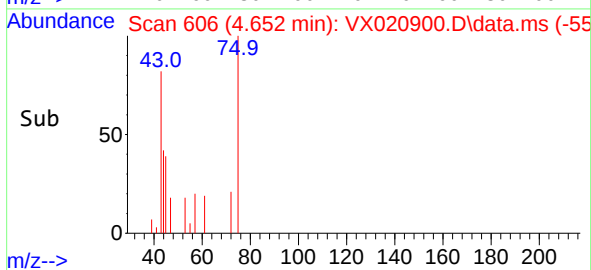
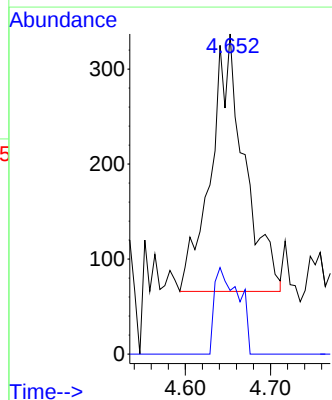
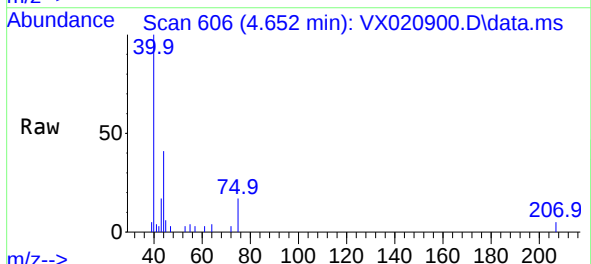
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

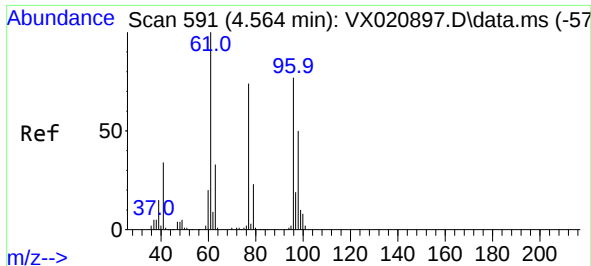
Tgt Ion: 43 Resp: 2383
 Ion Ratio Lower Upper
 43 100
 86 17.1 9.9 14.9#



#25
 2-Butanone
 Concen: 0.56 ug/l
 RT: 4.652 min Scan# 606
 Delta R.T. 0.018 min
 Lab File: VX020900.D
 Acq: 24 Feb 2021 13:39

Tgt Ion: 43 Resp: 742
 Ion Ratio Lower Upper
 43 100
 72 24.7 23.7 35.5

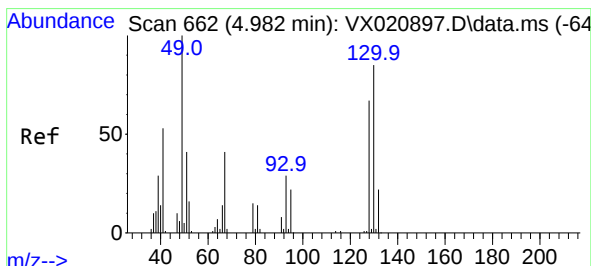
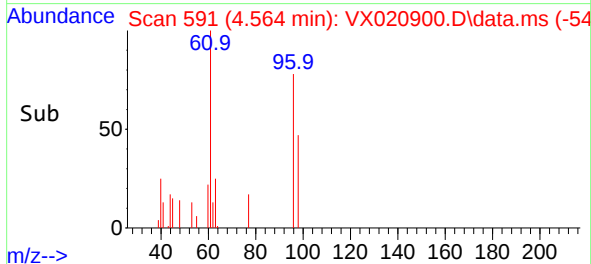
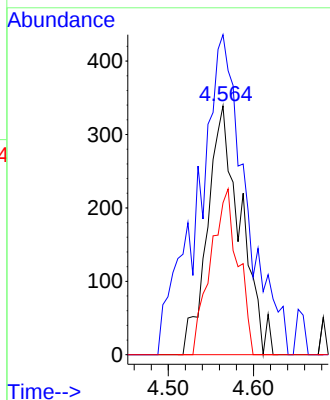
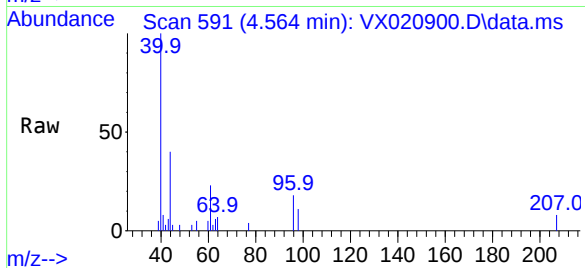




#27
cis-1,2-Dichloroethene
Concen: 0.40 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

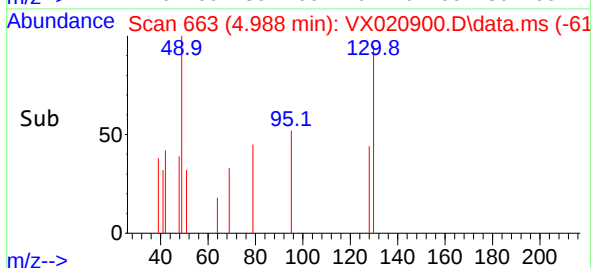
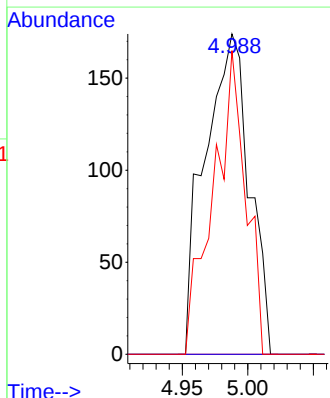
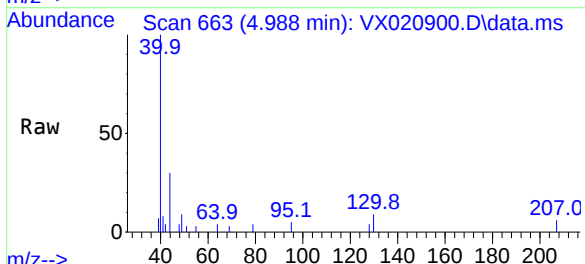
Instrument :
MSVOA_X
ClientSampled :
IBLK

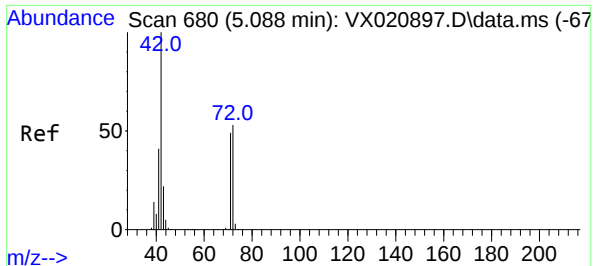
Tgt Ion:	96	Resp:	912
Ion	Ratio	Lower	Upper
96	100		
61	188.4	0.0	285.6
98	55.4	0.0	129.6



#28
Bromochloromethane
Concen: 0.28 ug/l
RT: 4.988 min Scan# 663
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:	49	Resp:	410
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	69.5	68.2	102.2





#29

Tetrahydrofuran

Concen: 1.08 ug/l

RT: 5.100 min Scan# 682

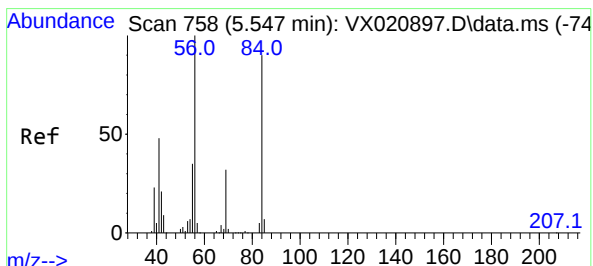
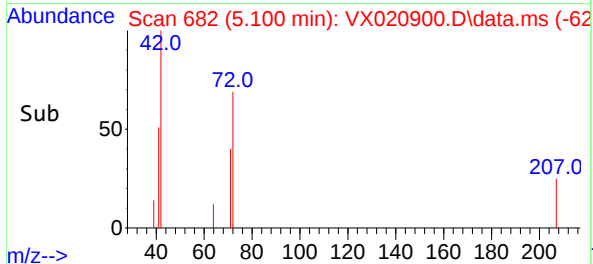
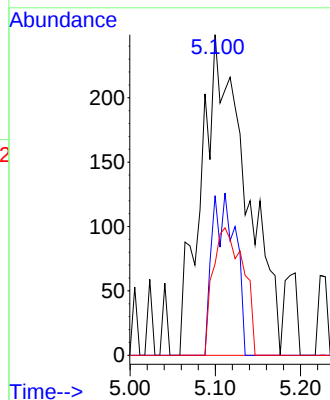
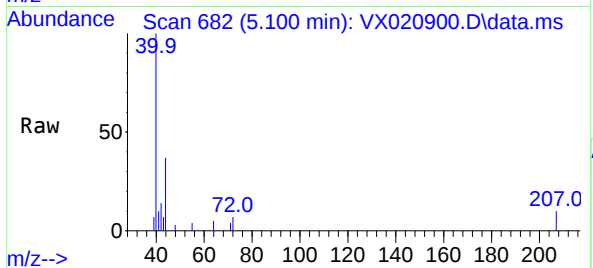
Delta R.T. 0.012 min

Lab File: VX020900.D

Acq: 24 Feb 2021 13:39

Tgt Ion:	42	Resp:	912
Ion	Ratio	Lower	Upper
42	100		
72	10.9	41.7	62.5#
71	26.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#31

Cyclohexane

Concen: 0.42 ug/l

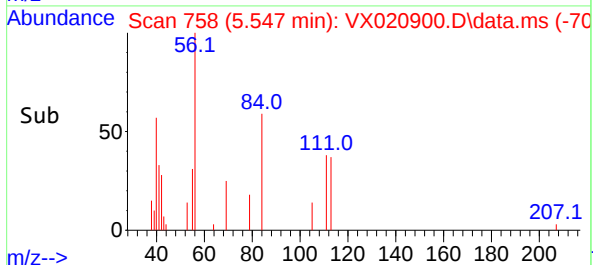
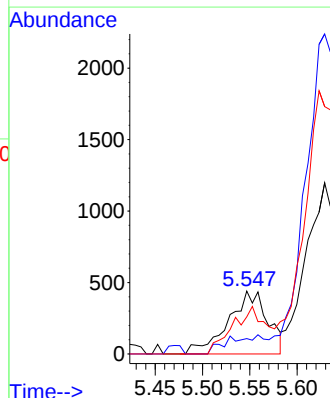
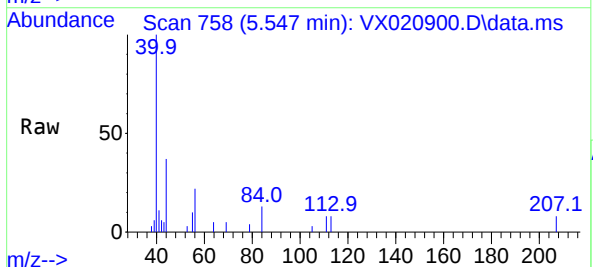
RT: 5.547 min Scan# 758

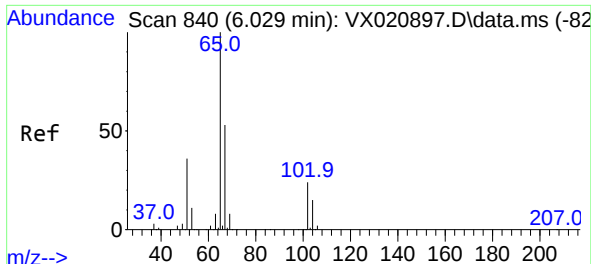
Delta R.T. 0.000 min

Lab File: VX020900.D

Acq: 24 Feb 2021 13:39

Tgt Ion:	56	Resp:	1271
Ion	Ratio	Lower	Upper
56	100		
69	11.4	25.3	37.9#
84	59.1	71.4	107.0#



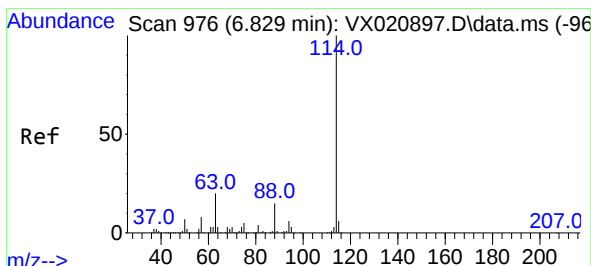
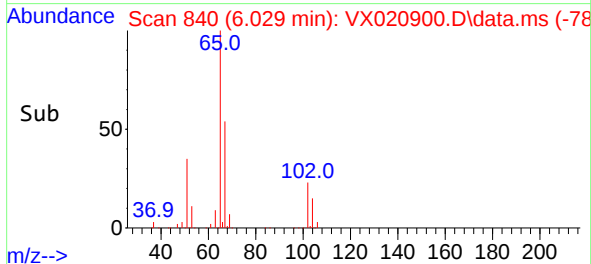
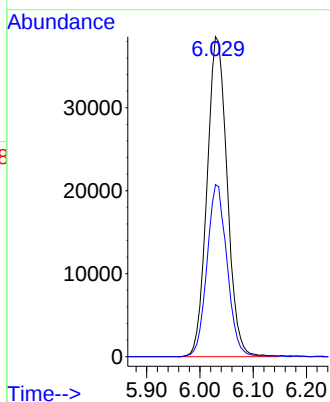
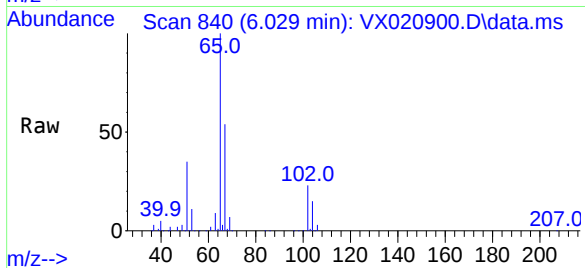


#33

1,2-Dichloroethane-d4
Concen: 47.98 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

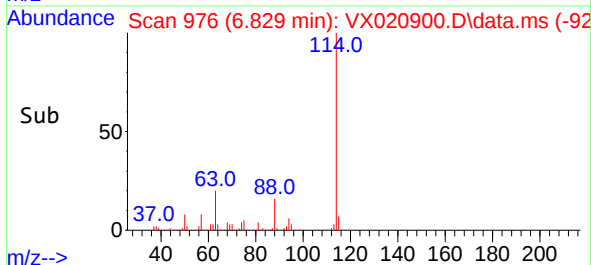
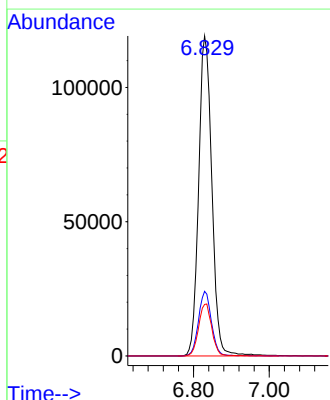
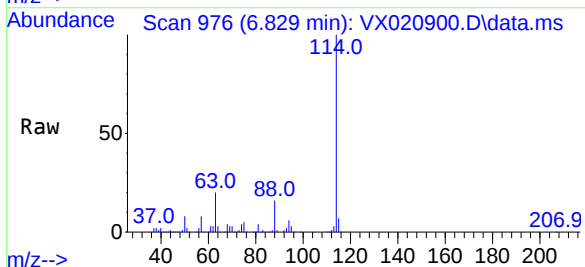
Tgt Ion: 65 Resp: 101193
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

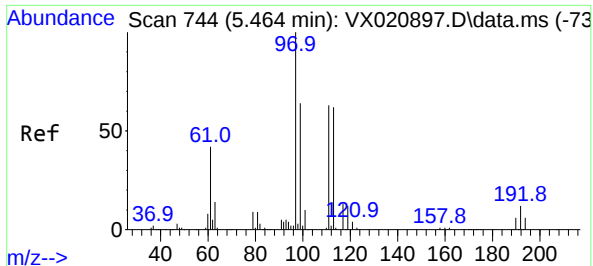


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:114 Resp: 288807
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.1 0.0 32.8

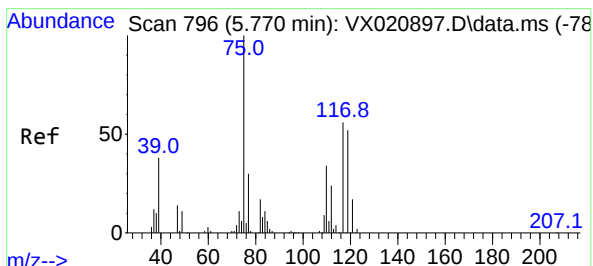
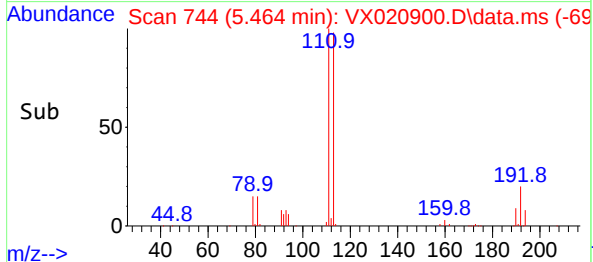
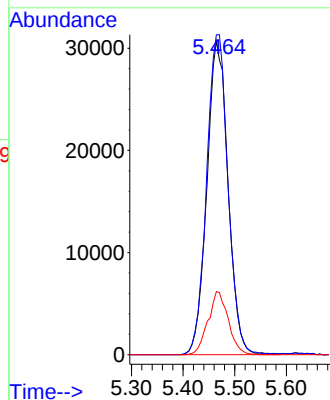
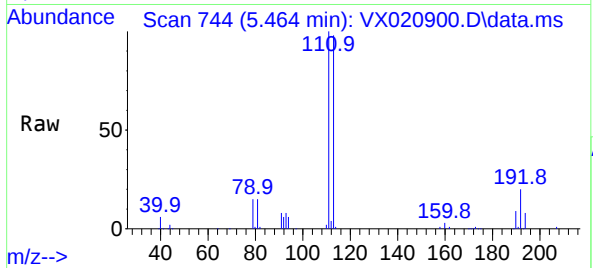




#35
Dibromofluoromethane
Concen: 49.89 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

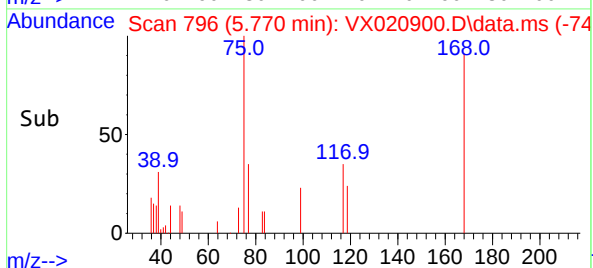
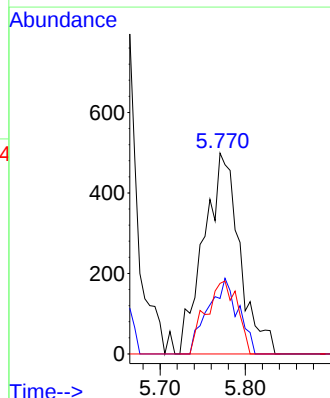
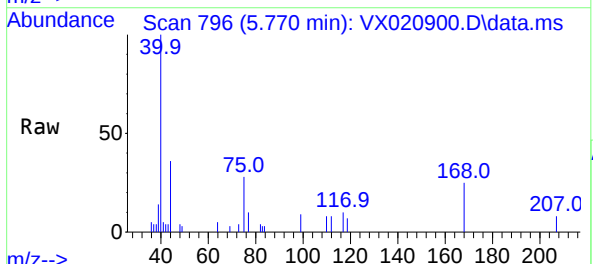
Instrument :
MSVOA_X
ClientSampled :
IBLK

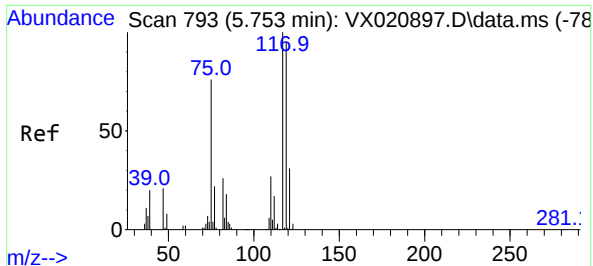
Tgt Ion:	113	Resp:	87537
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	19.2	16.7	25.1



#36
1,1-Dichloropropene
Concen: 0.53 ug/l
RT: 5.770 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:	75	Resp:	1455
Ion	Ratio	Lower	Upper
75	100		
110	31.7	18.1	54.4
77	31.7	25.3	37.9

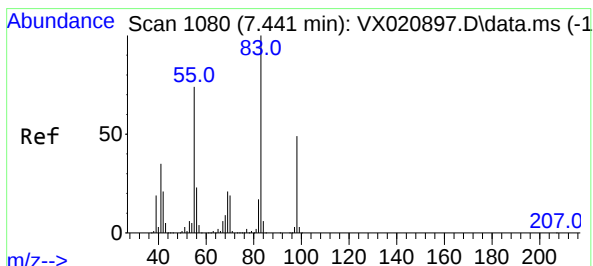
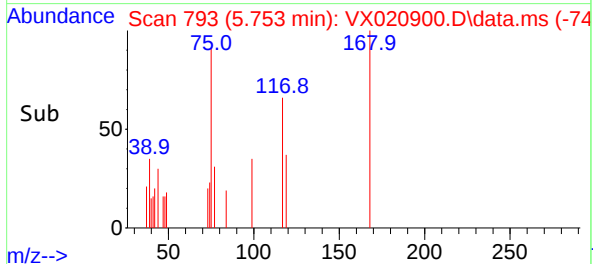
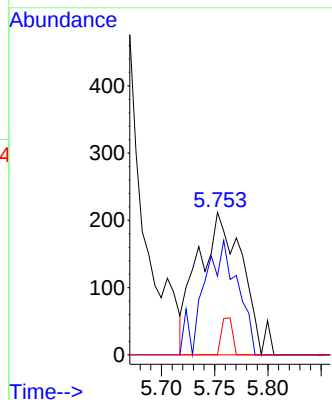
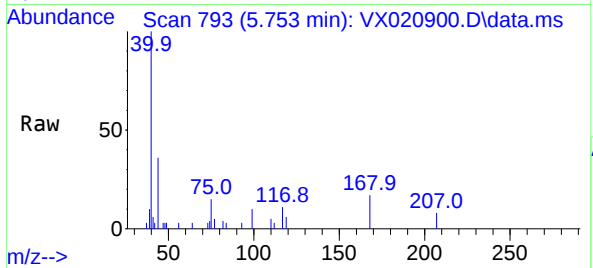




#38
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 5.753 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

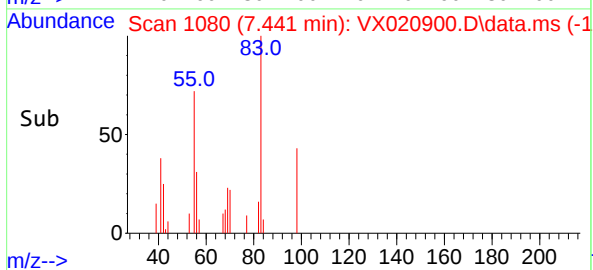
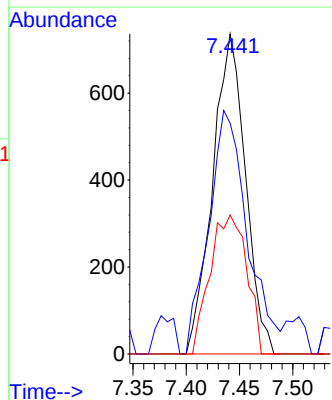
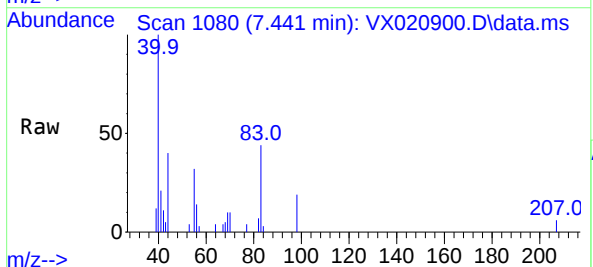
Instrument :
MSVOA_X
ClientSampled :
IBLK

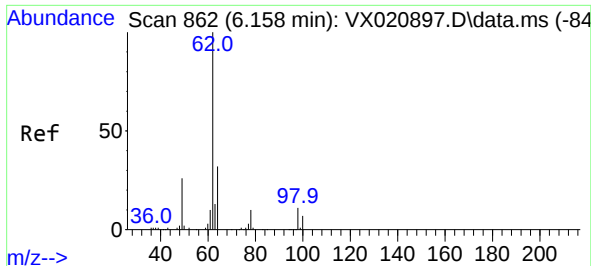
Tgt Ion:117 Resp: 614
Ion Ratio Lower Upper
117 100
119 55.2 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.46 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 83 Resp: 1581
Ion Ratio Lower Upper
83 100
55 72.1 58.9 88.3
98 43.5 38.1 57.1





#42

1,2-Dichloroethane

Concen: 0.26 ug/l

RT: 6.170 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX020900.D

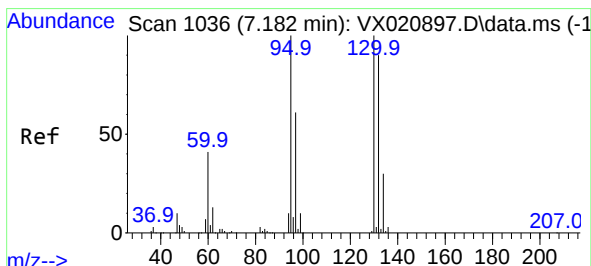
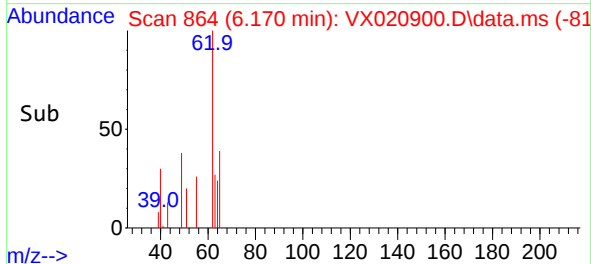
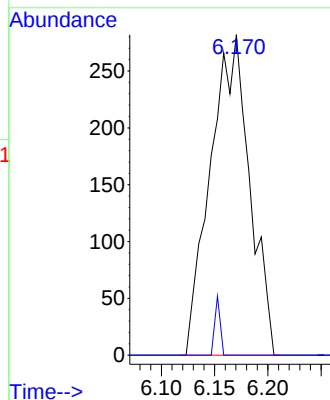
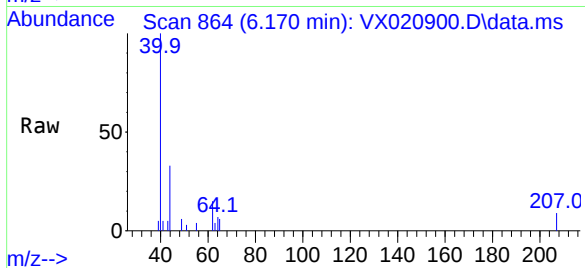
Acq: 24 Feb 2021 13:39

Tgt Ion: 62 Resp: 724

Ion Ratio Lower Upper

62 100

98 2.5 0.0 20.2



#44

Trichloroethene

Concen: 0.46 ug/l

RT: 7.194 min Scan# 1038

Delta R.T. 0.012 min

Lab File: VX020900.D

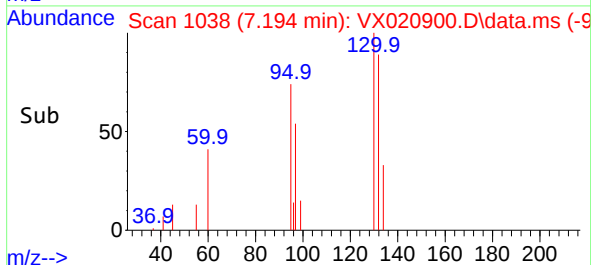
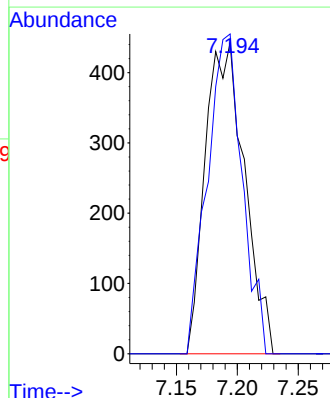
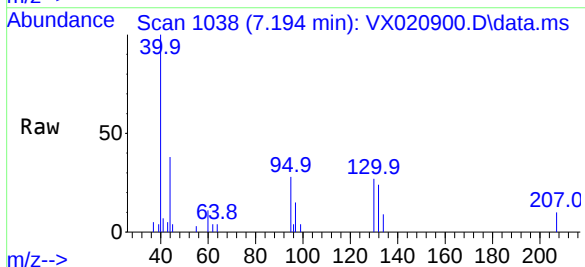
Acq: 24 Feb 2021 13:39

Tgt Ion: 130 Resp: 992

Ion Ratio Lower Upper

130 100

95 102.7 0.0 198.0

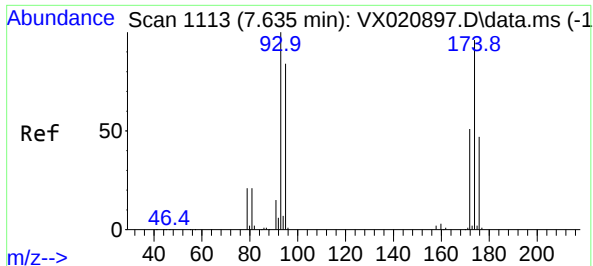


Instrument :

MSVOA_X

ClientSampled :

IBLK

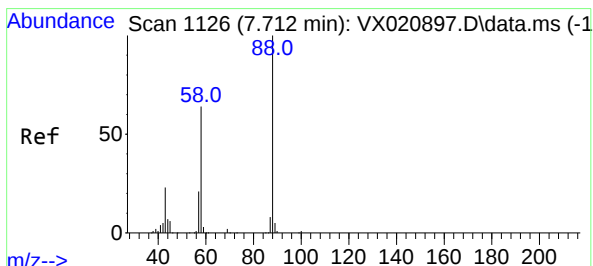
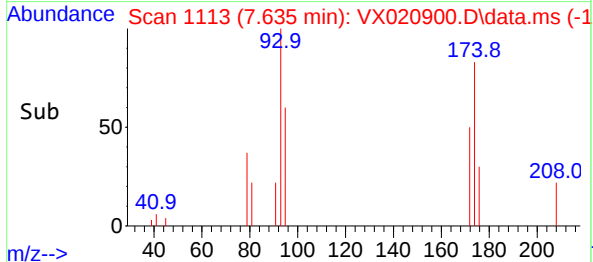
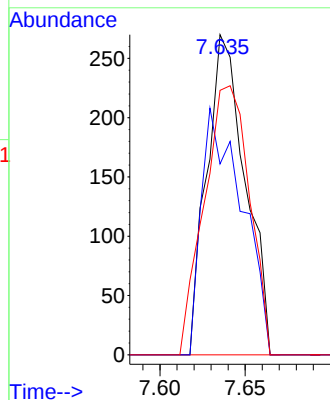
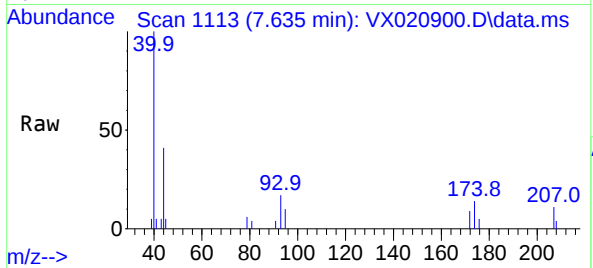


#46
Dibromomethane
Concen: 0.31 ug/l
RT: 7.635 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 93 Resp: 425

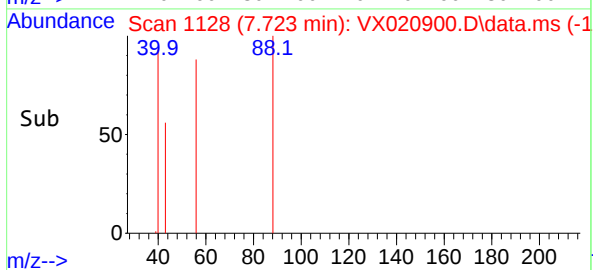
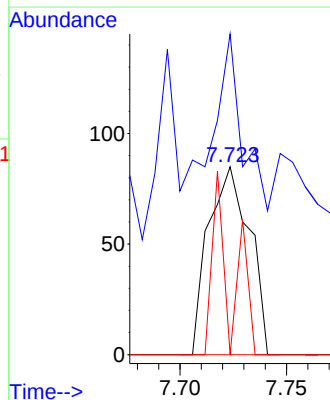
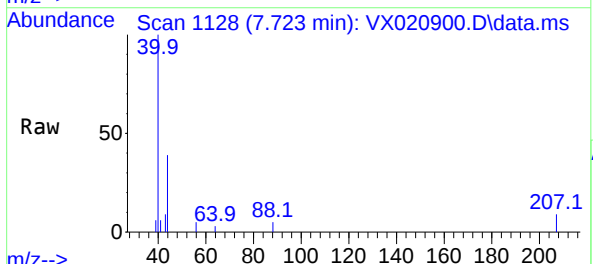
Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.8	100.2
174	98.6	83.1	124.7

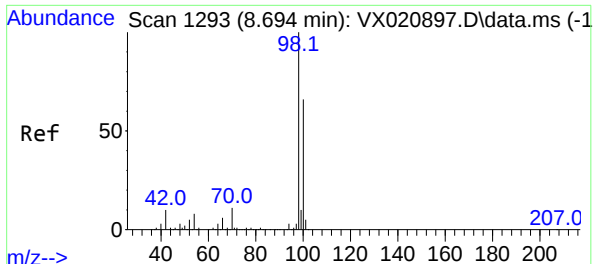


#49
1,4-Dioxane
Concen: 2.19 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 88 Resp: 114

Ion	Ratio	Lower	Upper
88	100		
43	57.9	23.2	34.8#
58	44.7	55.0	82.4#

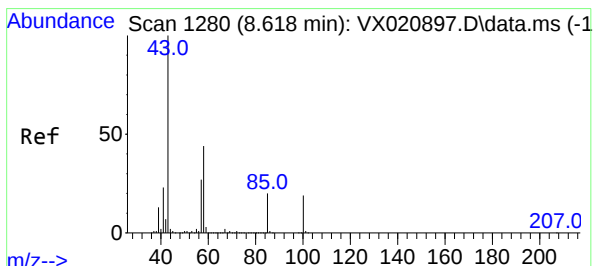
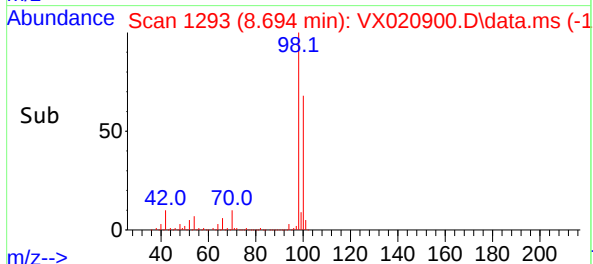
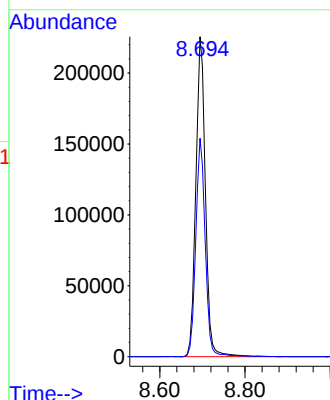
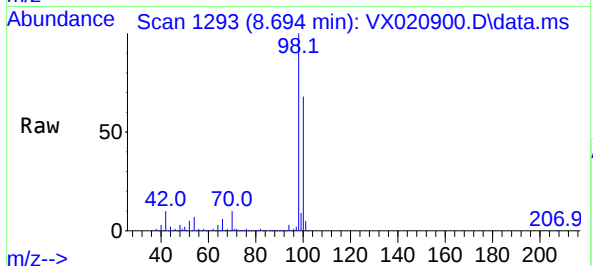




#50
Toluene-d8
Concen: 51.33 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

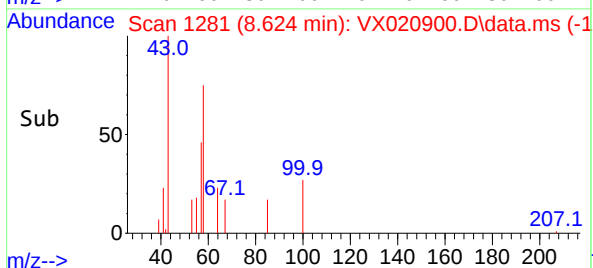
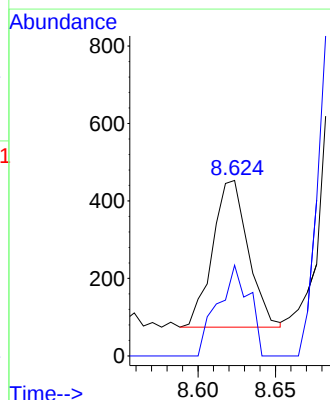
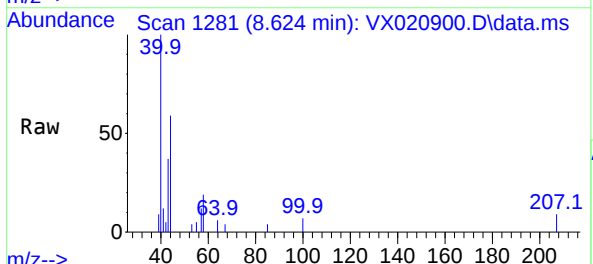
Instrument :
MSVOA_X
ClientSampled :
IBLK

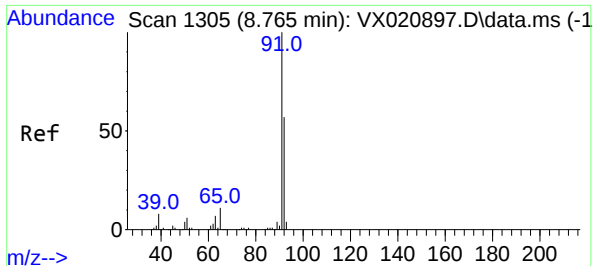
Tgt Ion: 98 Resp: 351201
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.624 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 54.1 35.4 53.0#





#52

Toluene

Concen: 0.21 ug/l

RT: 8.759 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VX020900.D

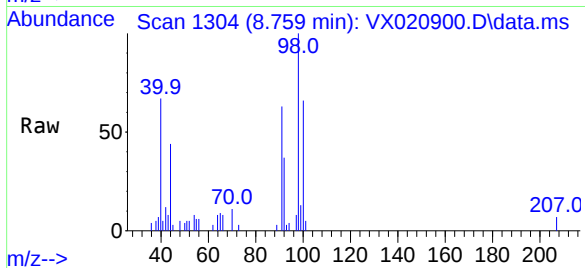
Acq: 24 Feb 2021 13:39

Tgt Ion: 92 Resp: 1058

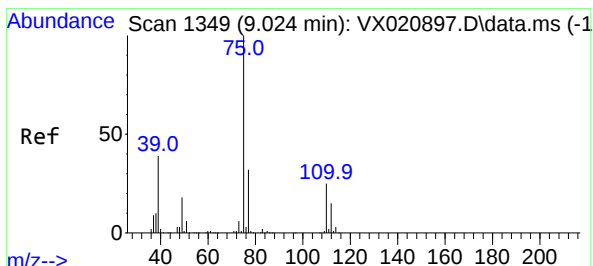
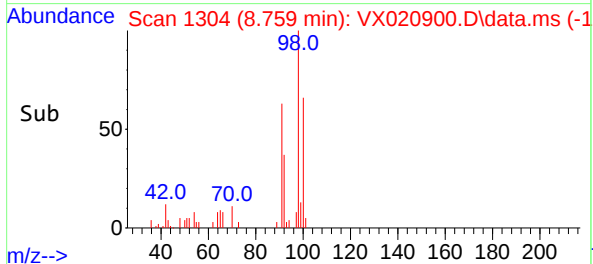
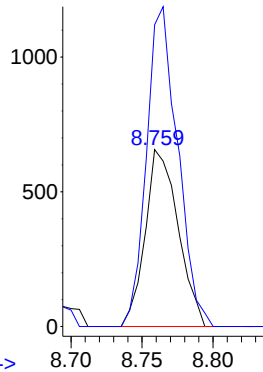
Ion Ratio Lower Upper

92 100

91 171.1 137.1 205.7



Abundance



#53

t-1,3-Dichloropropene

Concen: 0.33 ug/l

RT: 9.024 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX020900.D

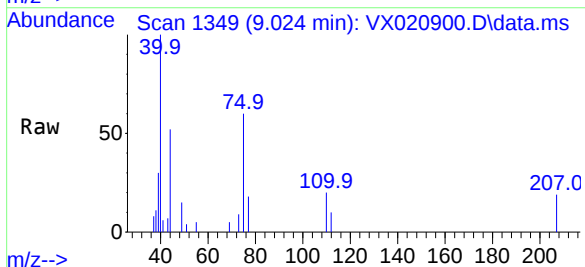
Acq: 24 Feb 2021 13:39

Tgt Ion: 75 Resp: 1083

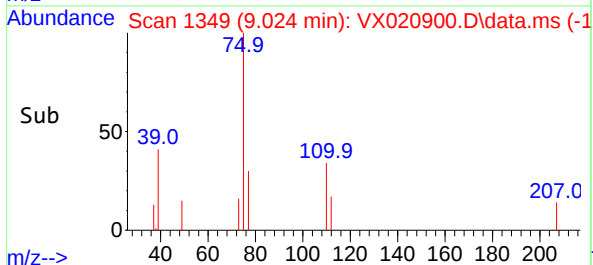
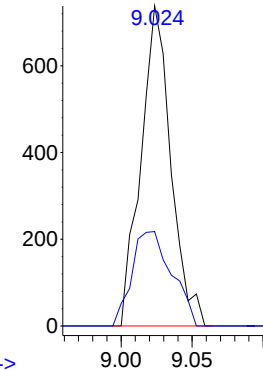
Ion Ratio Lower Upper

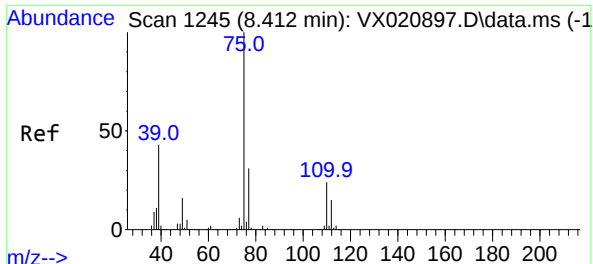
75 100

77 29.5 24.9 37.3



Abundance

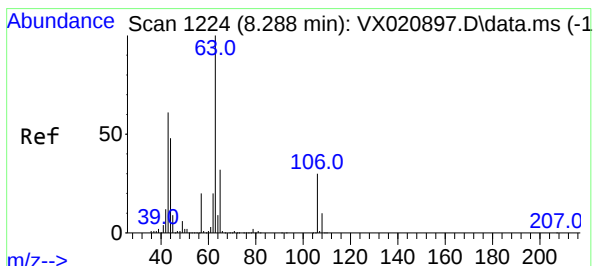
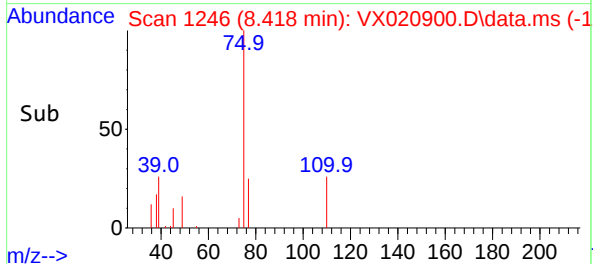
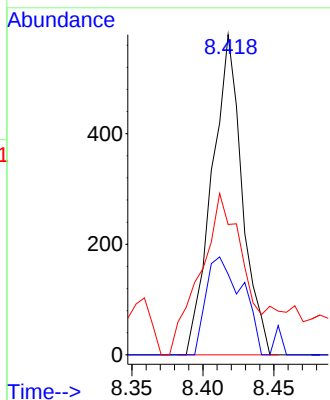
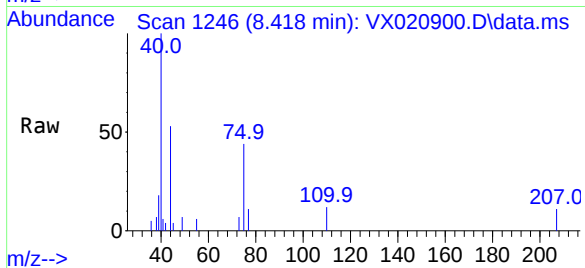




#54
cis-1,3-Dichloropropene
Concen: 0.24 ug/l
RT: 8.418 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

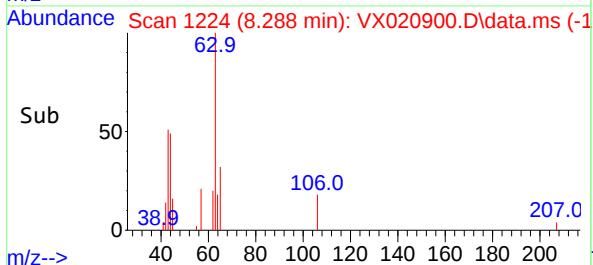
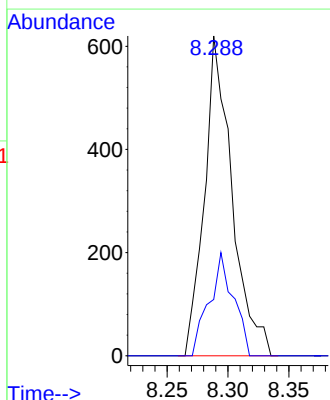
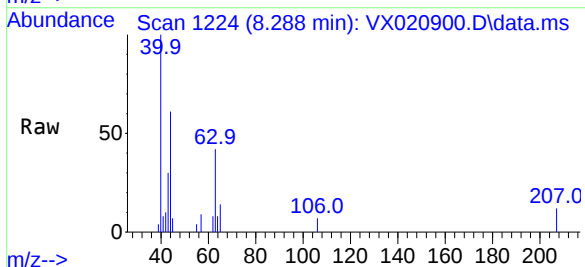
Instrument :
MSVOA_X
ClientSampled :
IBLK

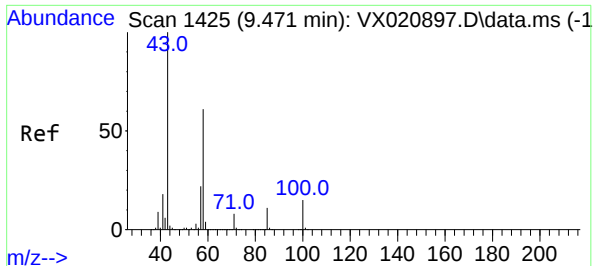
Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
77 25.2 25.7 38.5#
39 30.6 35.1 52.7#



#58
2-Chloroethyl Vinyl ether
Concen: 0.61 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 63 Resp: 976
Ion Ratio Lower Upper
63 100
106 28.3 23.5 35.3

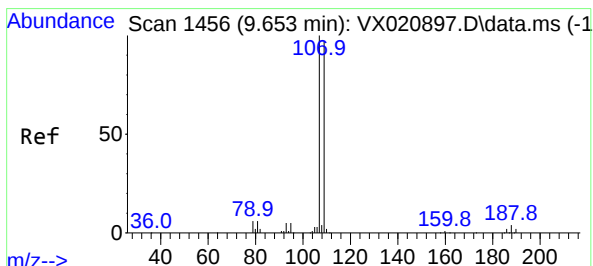
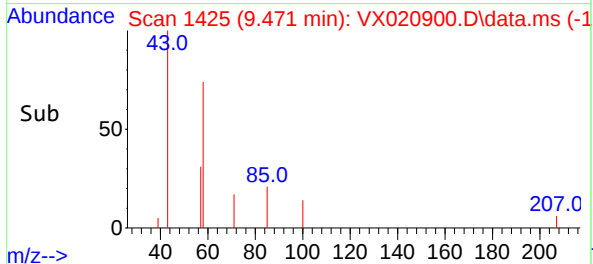
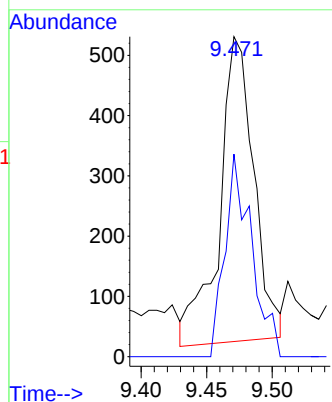
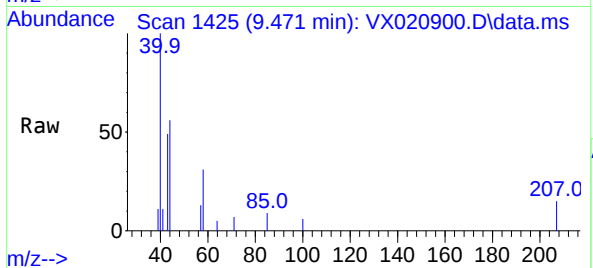




#59
2-Hexanone
Concen: 0.48 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

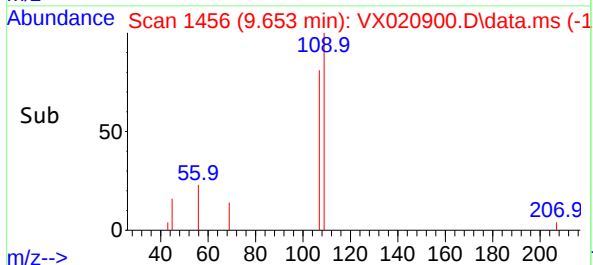
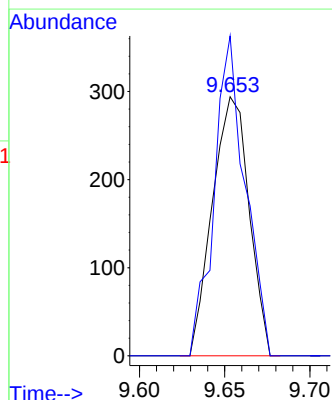
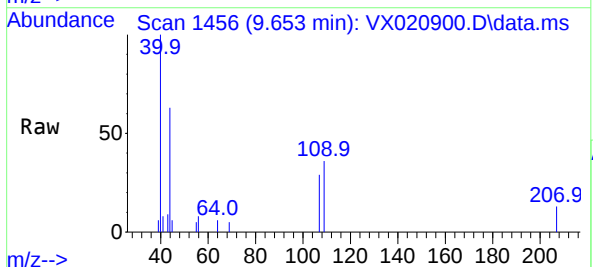
Instrument :
MSVOA_X
ClientSampled :
IBLK

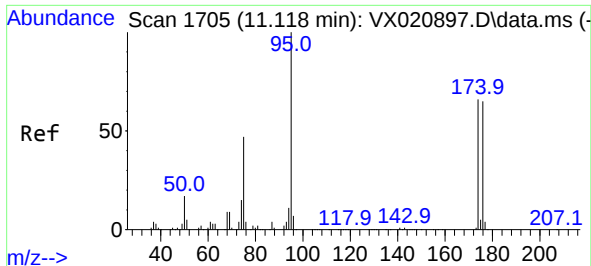
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 51.4 30.9 92.8



#61
1,2-Dibromoethane
Concen: 0.21 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 107 Resp: 441
Ion Ratio Lower Upper
107 100
109 104.5 75.8 113.6

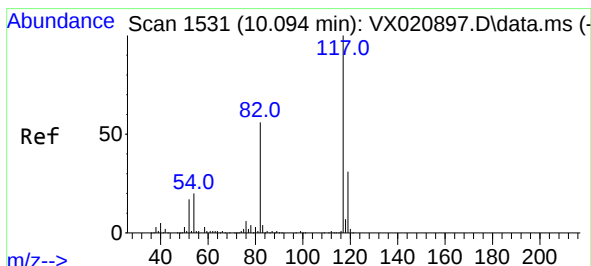
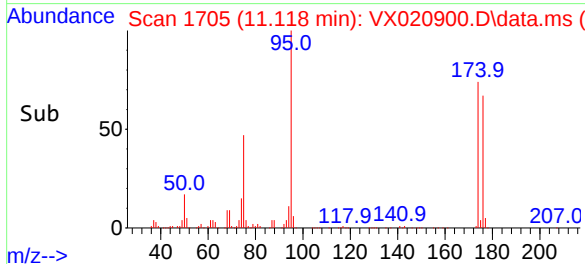
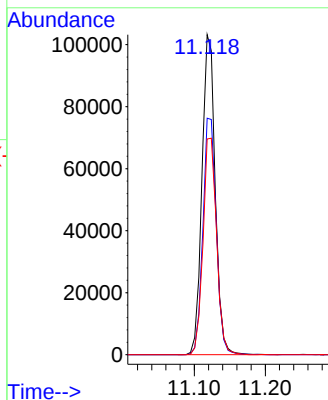
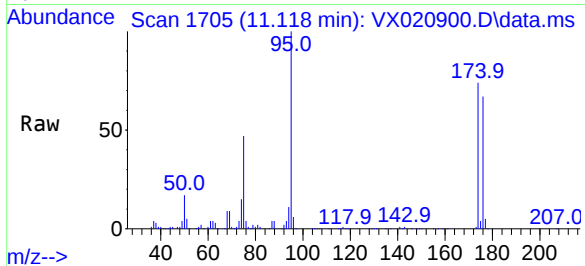




#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

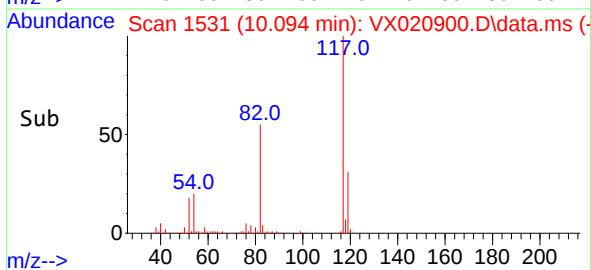
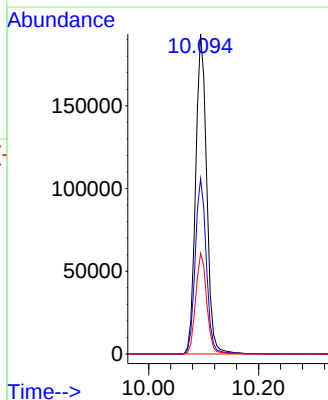
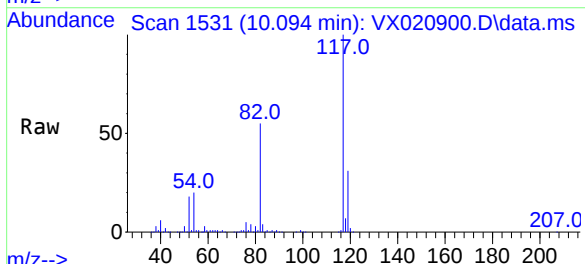
Instrument :
MSVOA_X
ClientSampled :
IBLK

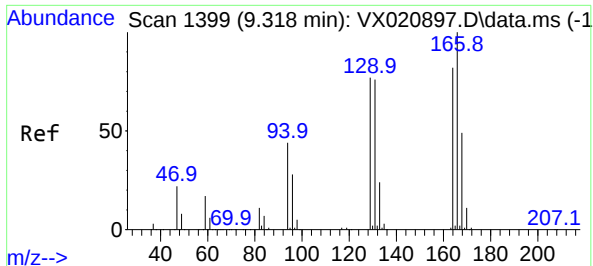
Tgt Ion: 95 Resp: 134199
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 69.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:117 Resp: 270291
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 31.5 26.6 39.8



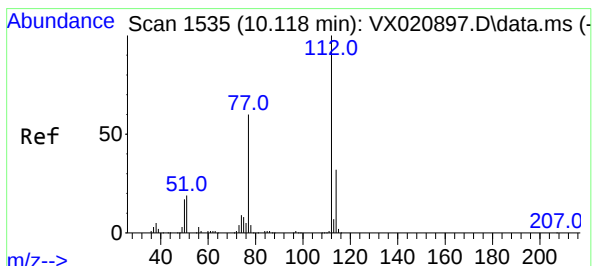
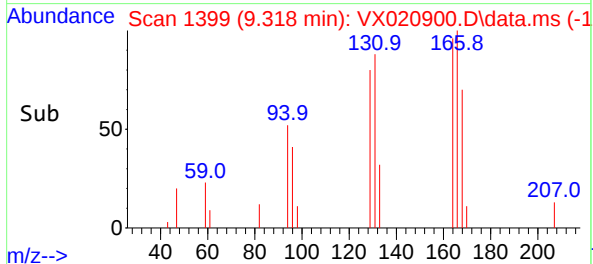
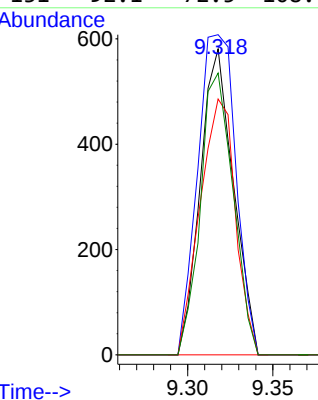
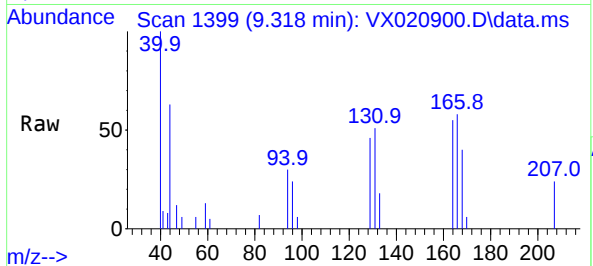


#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:164 Resp: 788

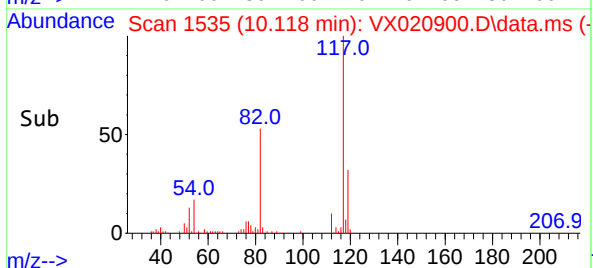
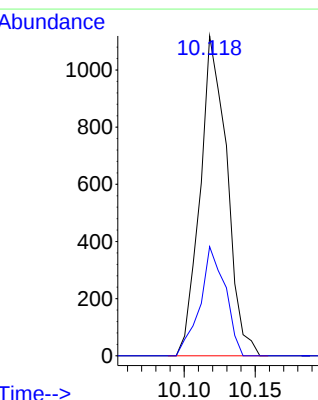
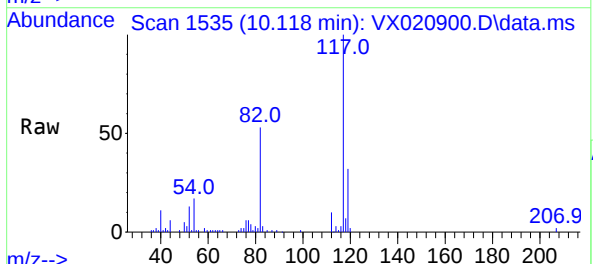
Ion	Ratio	Lower	Upper
164	100		
166	104.6	103.4	155.2
129	83.6	70.8	106.2
131	92.1	72.5	108.7

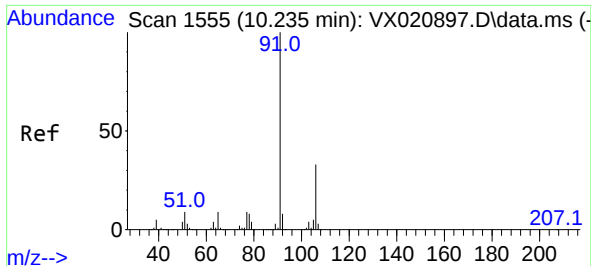


#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:112 Resp: 1468

Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.8	38.6

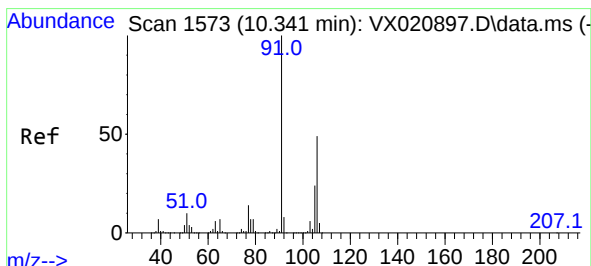
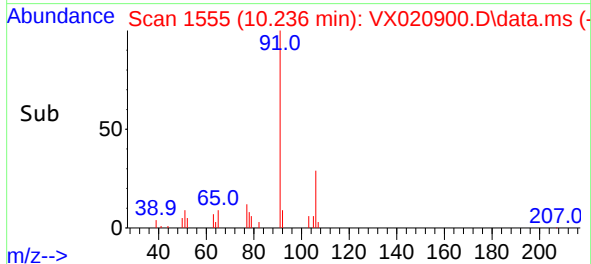
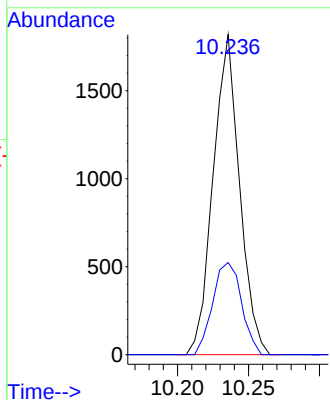
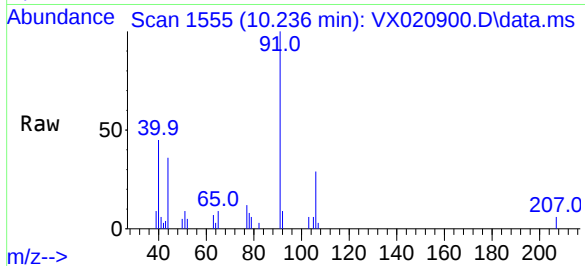




#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

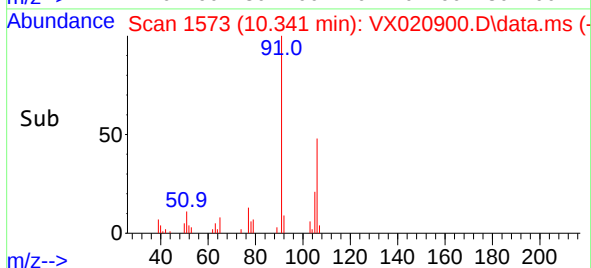
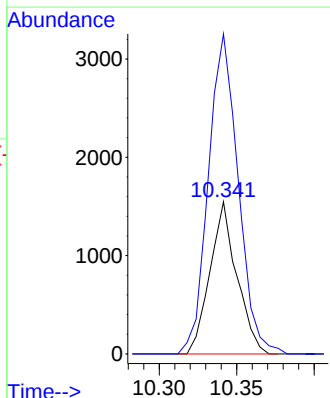
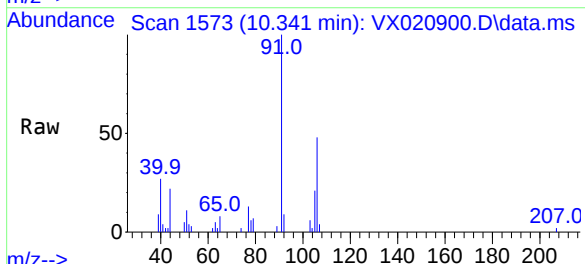
Instrument :
MSVOA_X
ClientSampleId :
IBLK

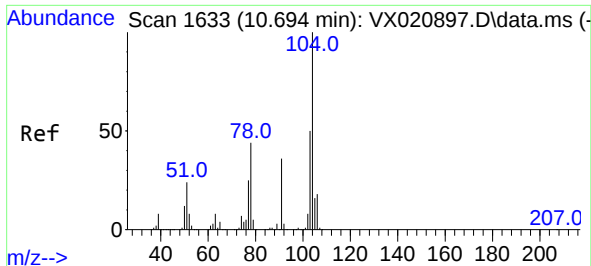
Tgt Ion: 91 Resp: 2349
Ion Ratio Lower Upper
91 100
106 28.8 24.6 37.0



#68
m/p-Xylenes
Concen: 0.49 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 106 Resp: 1865
Ion Ratio Lower Upper
106 100
91 233.6 162.8 244.2

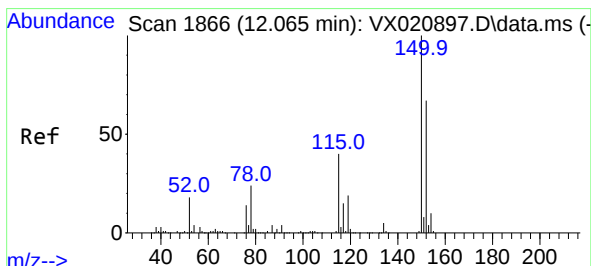
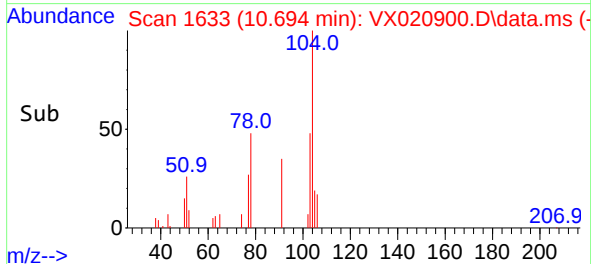
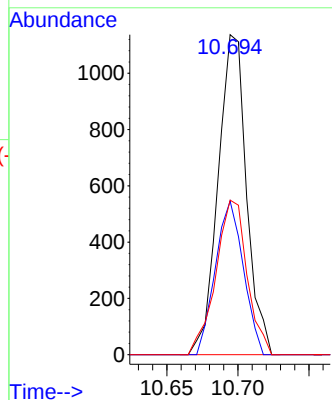
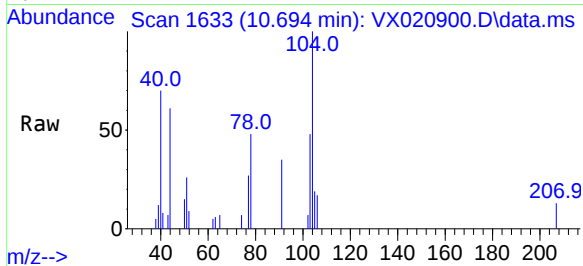




#70
Styrene
Concen: 0.25 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

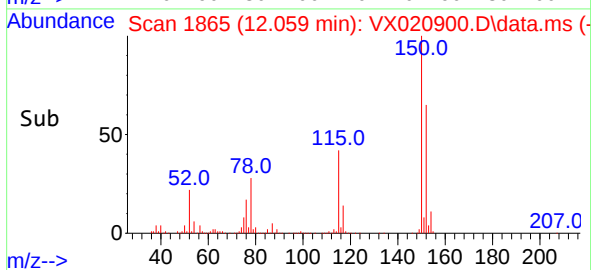
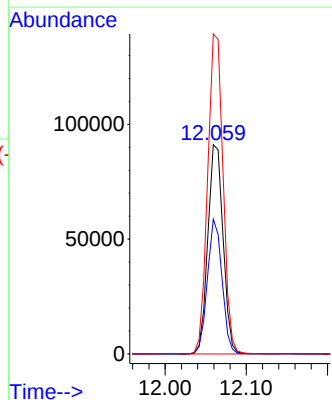
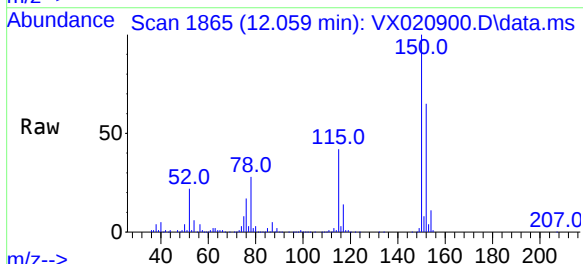
Instrument :
MSVOA_X
ClientSampled :
IBLK

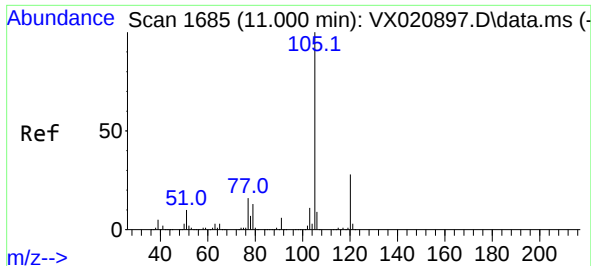
Tgt Ion:	104	Resp:	1584
Ion	Ratio	Lower	Upper
104	100		
78	47.1	40.0	60.0
103	53.0	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:	152	Resp:	118665
Ion	Ratio	Lower	Upper
152	100		
115	61.8	41.1	123.3
150	154.0	0.0	349.0

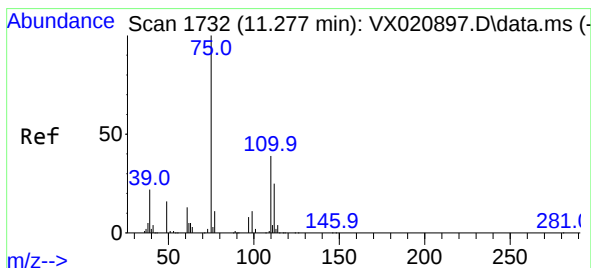
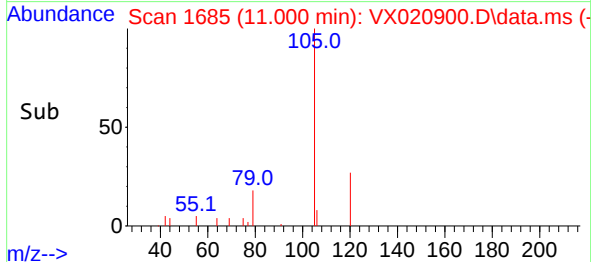
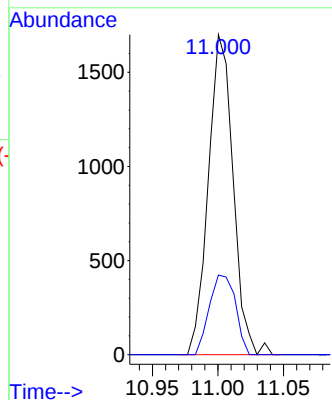
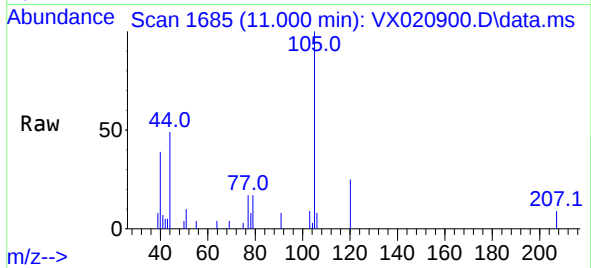




#73
Isopropylbenzene
Concen: 0.24 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

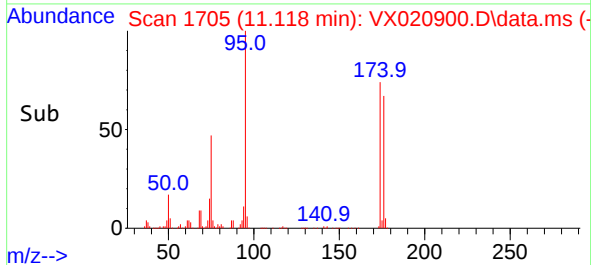
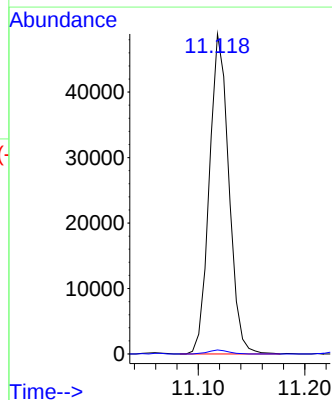
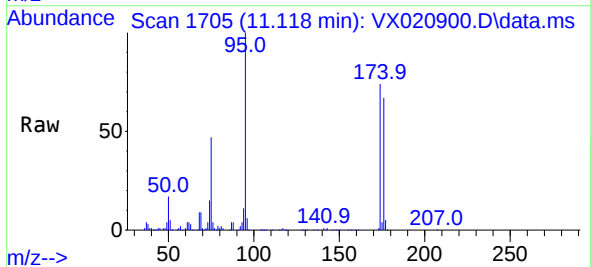
Instrument :
MSVOA_X
ClientSampled :
IBLK

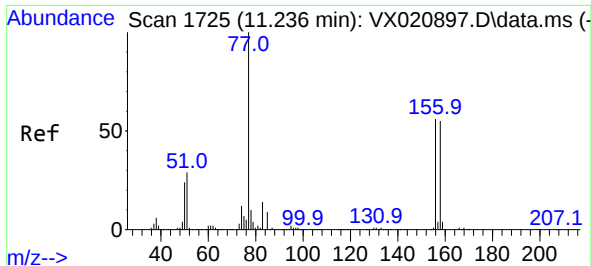
Tgt Ion:105 Resp: 2234
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#76
1,2,3-Trichloropropane
Concen: 24.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 75 Resp: 62159
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

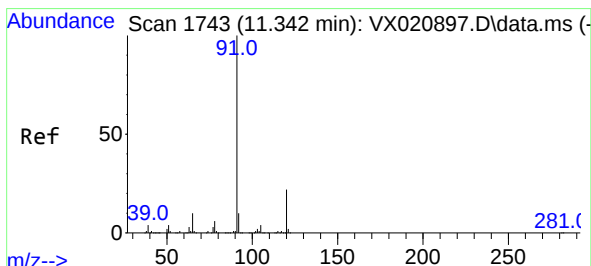
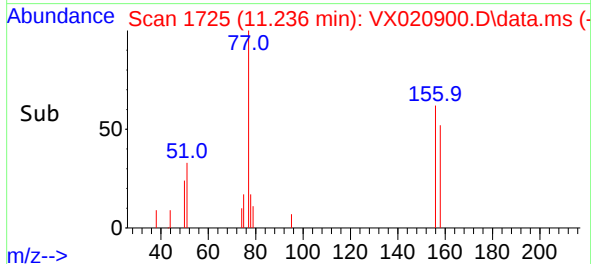
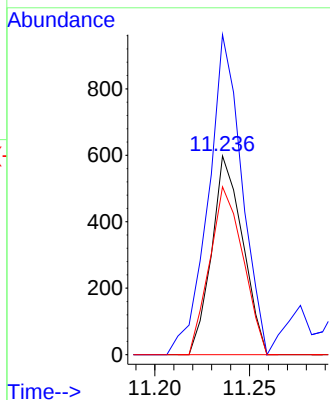
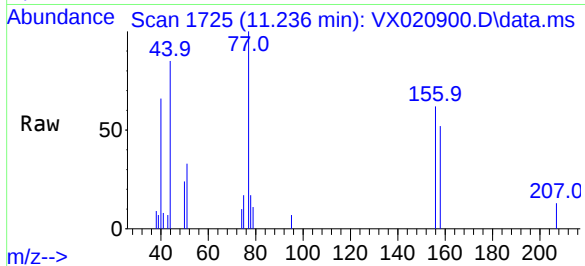




#77
Bromobenzene
Concen: 0.31 ug/l
RT: 11.236 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

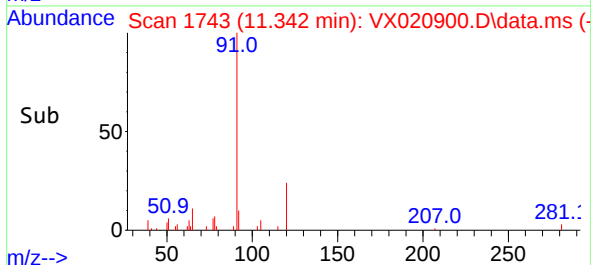
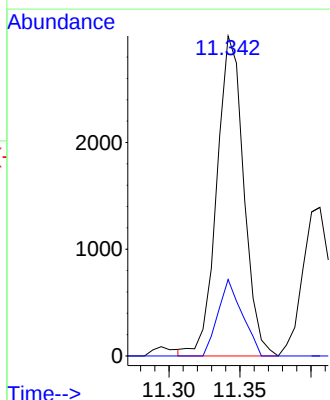
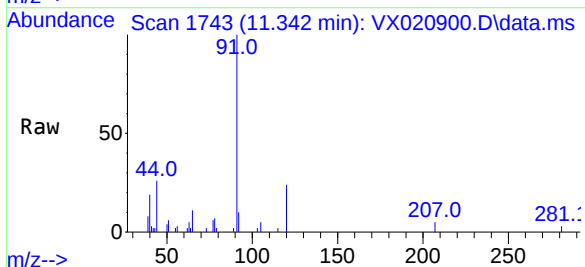
Instrument :
MSVOA_X
ClientSampled :
IBLK

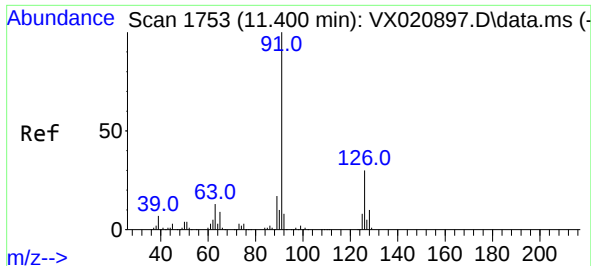
Tgt Ion:156 Resp: 681
Ion Ratio Lower Upper
156 100
77 173.9 82.8 248.6
158 90.7 49.1 147.4



#78
n-propylbenzene
Concen: 0.37 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 91 Resp: 3955
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.5

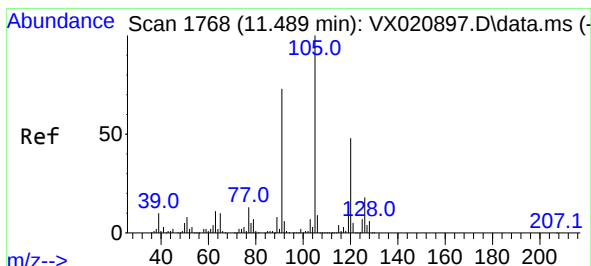
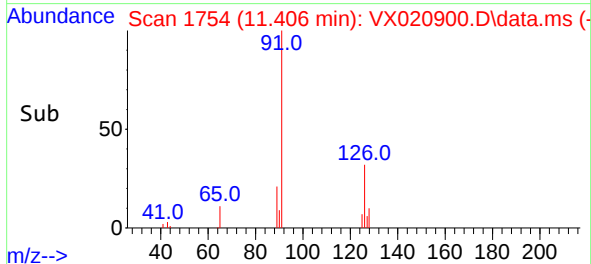
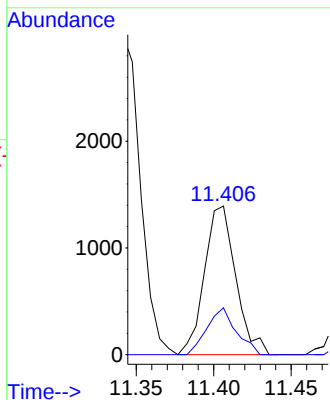
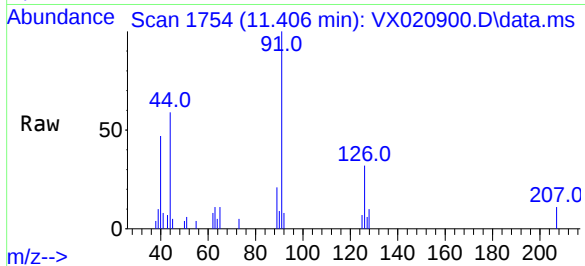




#79
2-Chlorotoluene
Concen: 0.30 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

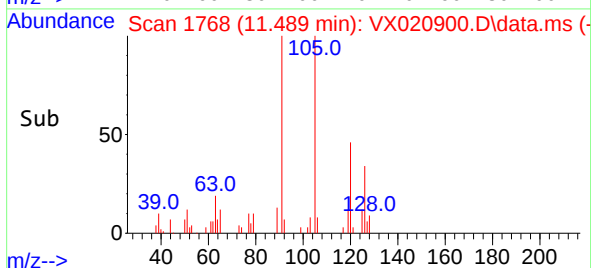
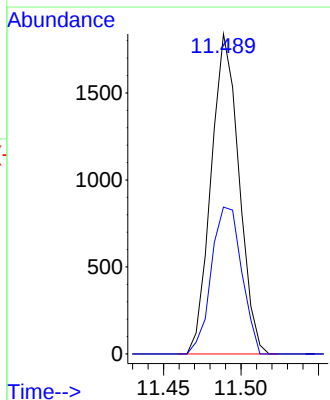
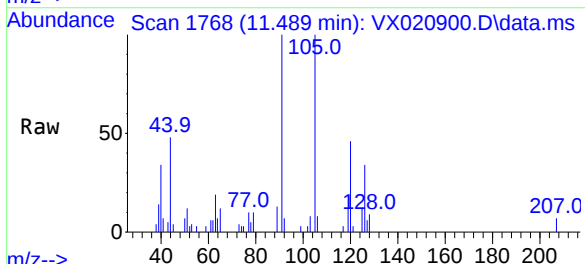
Instrument :
MSVOA_X
ClientSampled :
IBLK

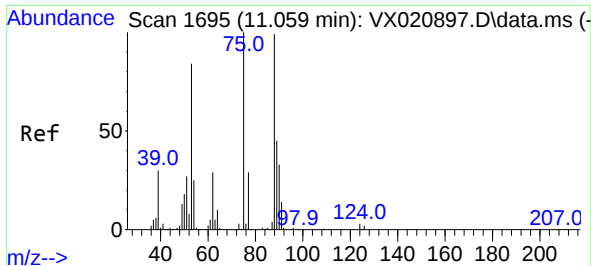
Tgt Ion: 91 Resp: 1960
Ion Ratio Lower Upper
91 100
126 29.4 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 105 Resp: 2296
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.5

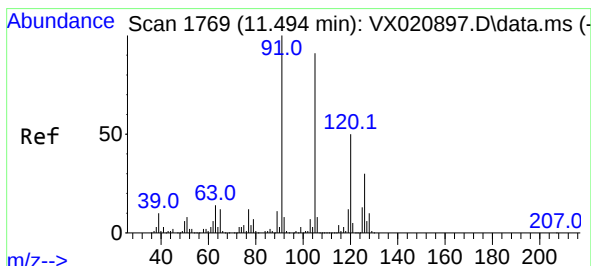
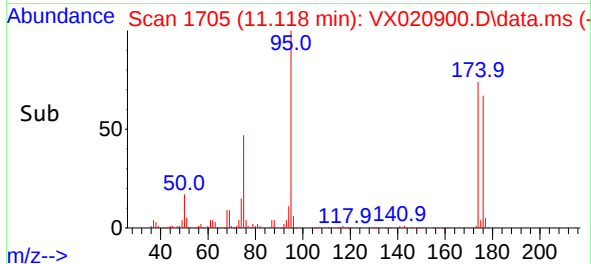
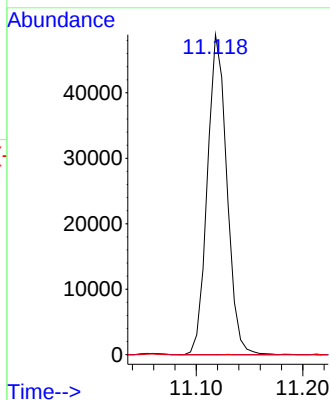
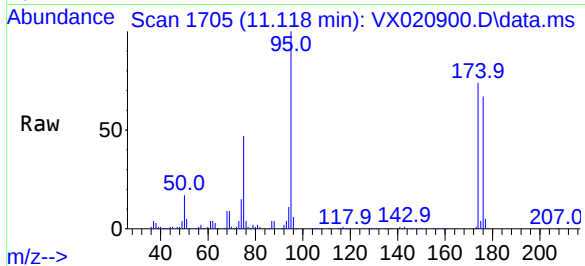




#81
trans-1,4-Dichloro-2-butene
Concen: 53.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

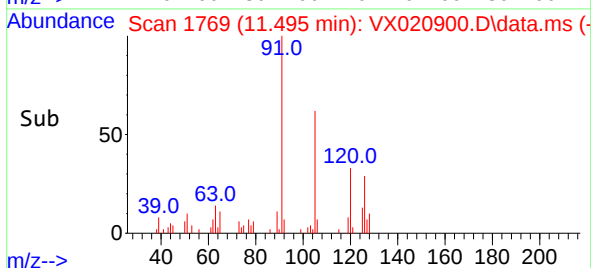
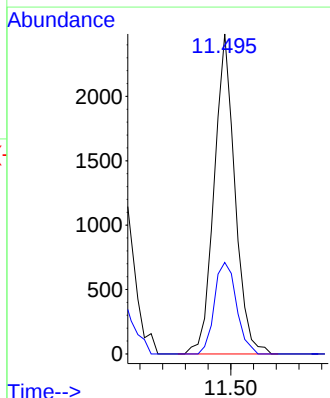
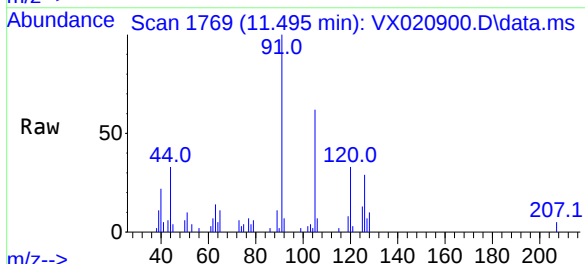
Instrument :
MSVOA_X
ClientSampled :
IBLK

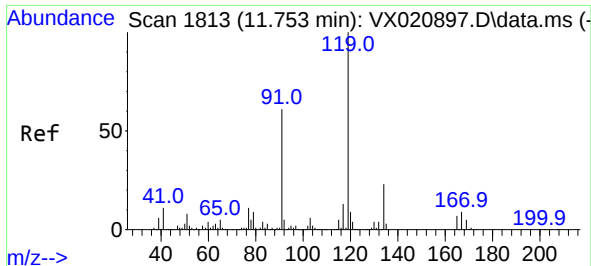
Tgt Ion: 75 Resp: 62159
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.42 ug/l
RT: 11.495 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 91 Resp: 3150
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.5

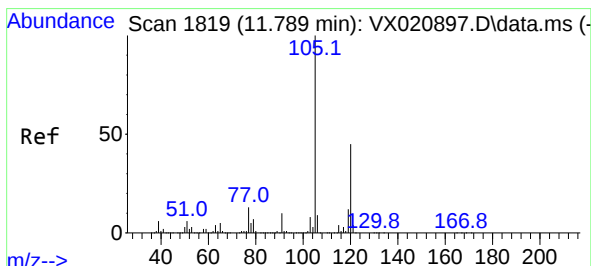
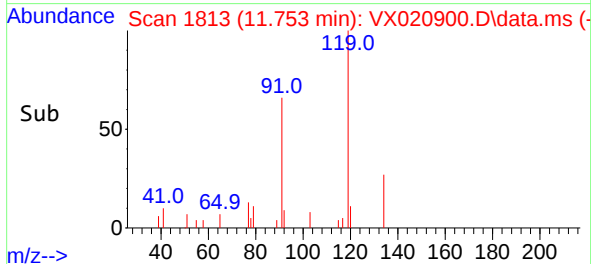
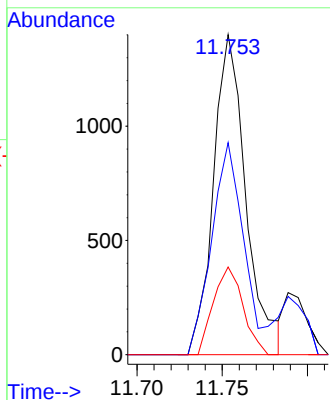
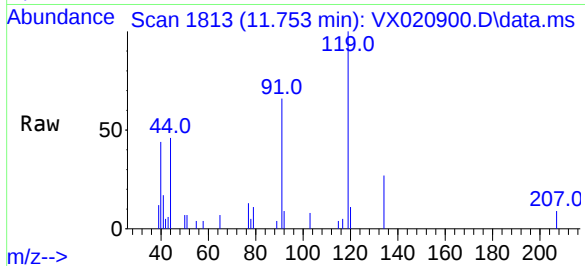




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

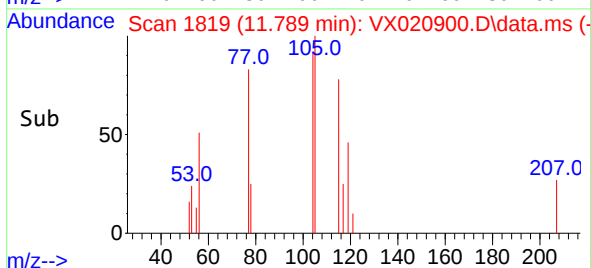
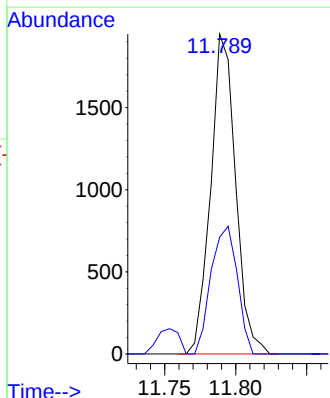
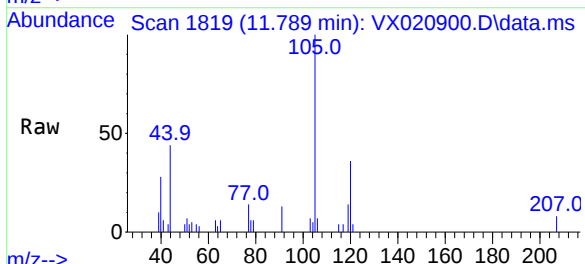
Instrument :
MSVOA_X
ClientSampled :
IBLK

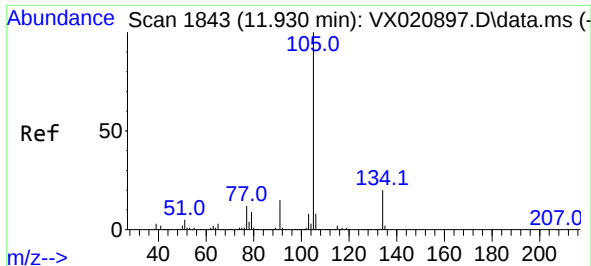
Tgt Ion:	119	Resp:	1860
Ion	Ratio	Lower	Upper
119	100		
91	66.1	27.9	83.7
134	25.0	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.30 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:	105	Resp:	2377
Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.4	67.3

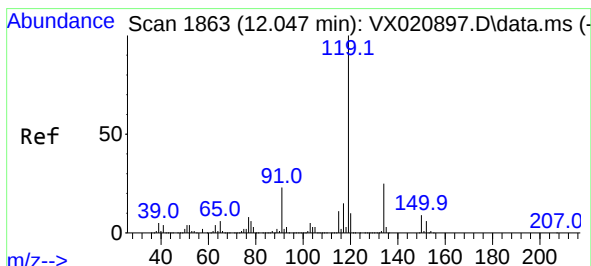
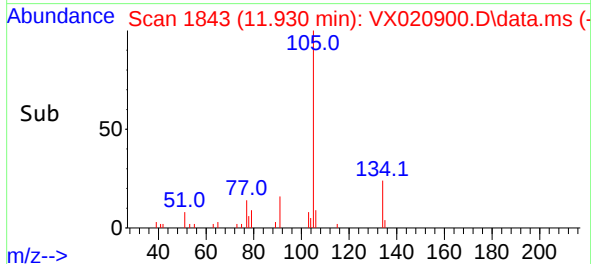
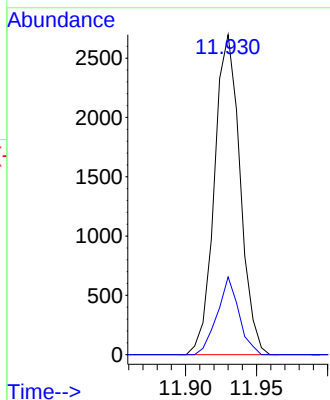
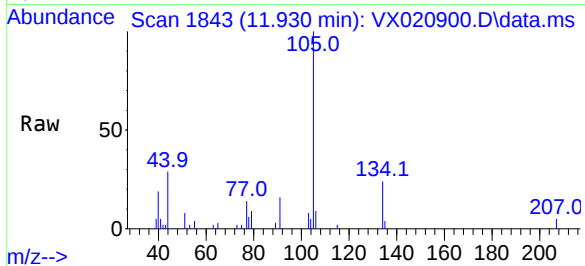




#85
 sec-Butylbenzene
 Concen: 0.38 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX020900.D
 Acq: 24 Feb 2021 13:39

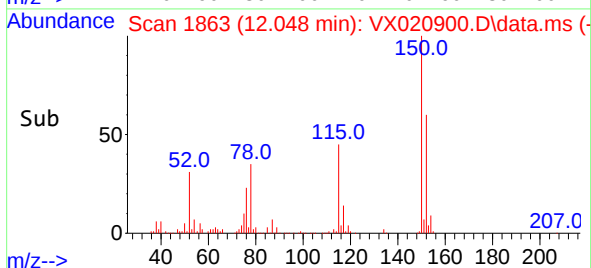
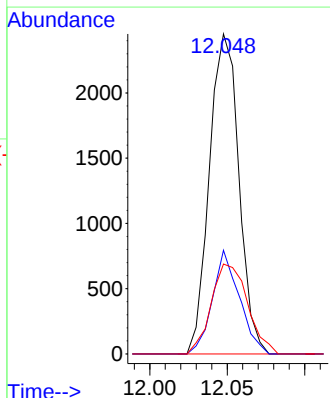
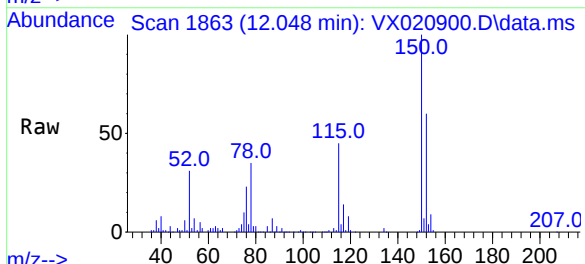
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

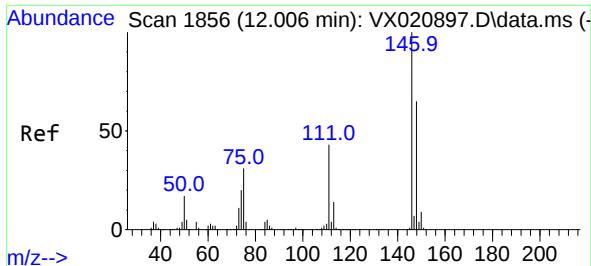
Tgt Ion:105 Resp: 3388
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 12.048 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX020900.D
 Acq: 24 Feb 2021 13:39

Tgt Ion:119 Resp: 3244
 Ion Ratio Lower Upper
 119 100
 134 29.7 12.9 38.7
 91 34.6 11.7 35.0

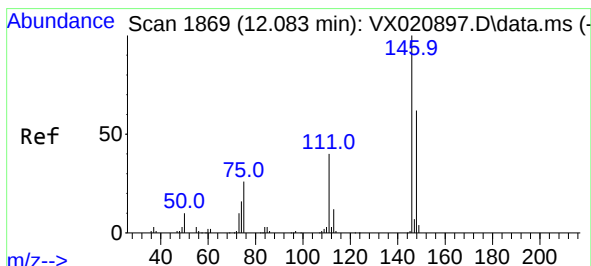
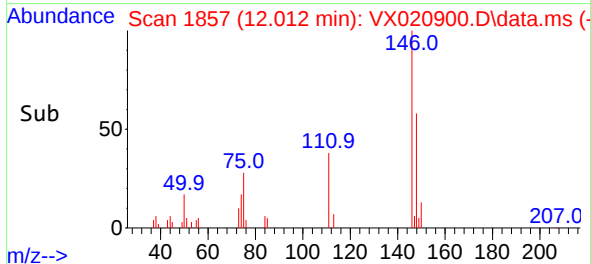
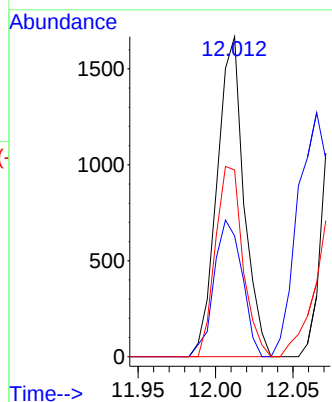
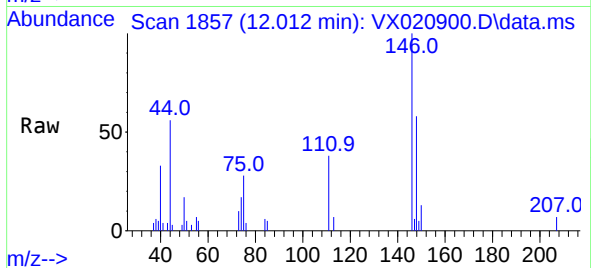




#87
1,3-Dichlorobenzene
Concen: 0.52 ug/l
RT: 12.012 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

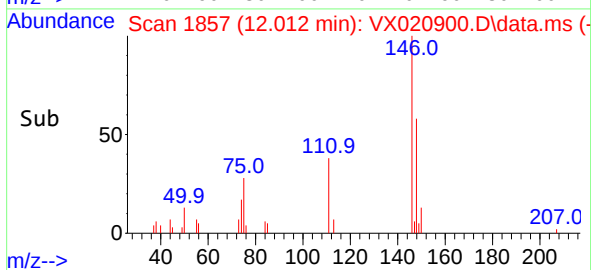
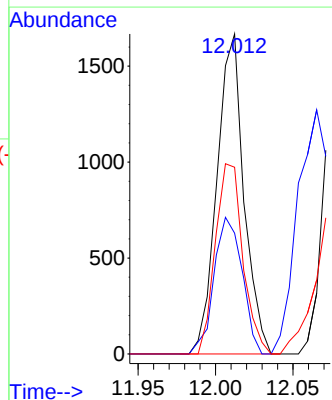
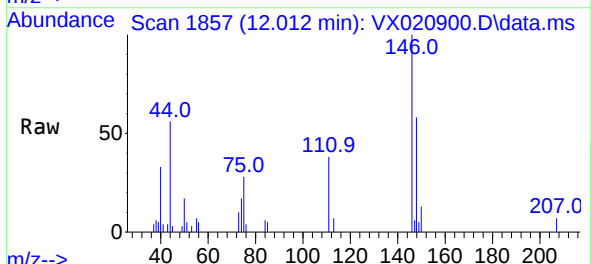
Instrument :
MSVOA_X
ClientSampled :
IBLK

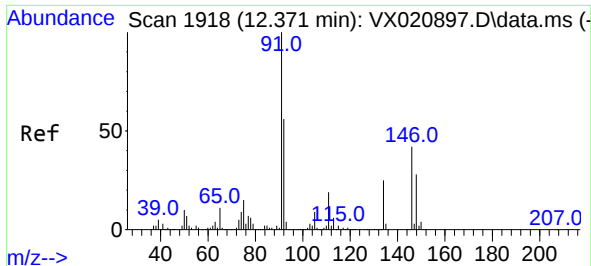
Tgt Ion:146	Resp:	2021
Ion	Ratio	Lower Upper
146	100	
111	44.5	20.2 60.5
148	60.5	31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.51 ug/l
RT: 12.012 min Scan# 1857
Delta R.T. -0.071 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:146	Resp:	2021
Ion	Ratio	Lower Upper
146	100	
111	44.5	19.6 58.8
148	60.5	31.6 95.0



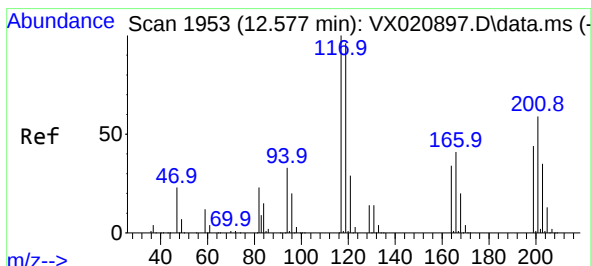
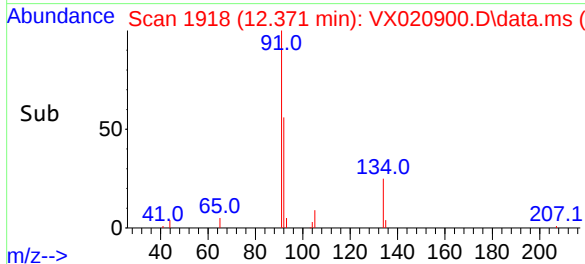
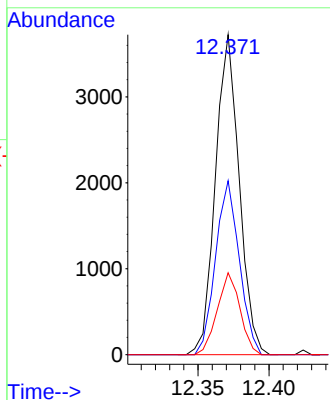
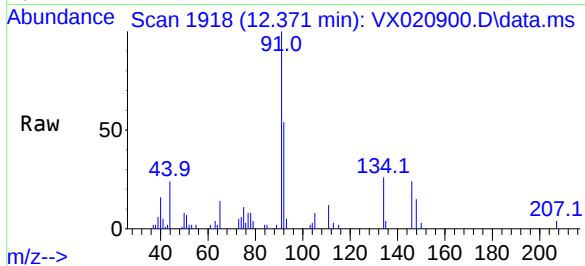


#89
n-Butylbenzene
Concen: 0.59 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 91 Resp: 4328

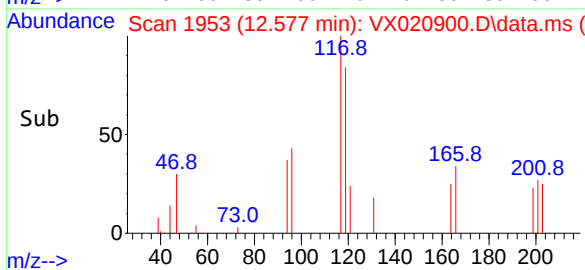
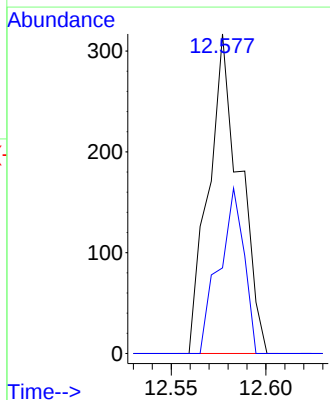
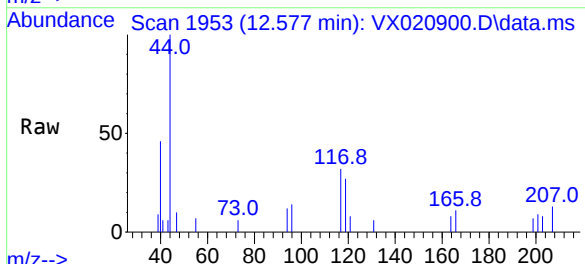
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.0
134	24.4	13.2	39.5

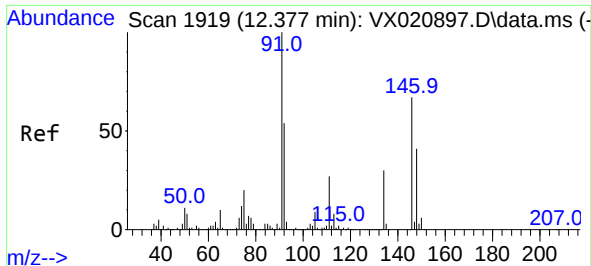


#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 117 Resp: 362

Ion	Ratio	Lower	Upper
117	100		
201	41.4	40.4	121.2

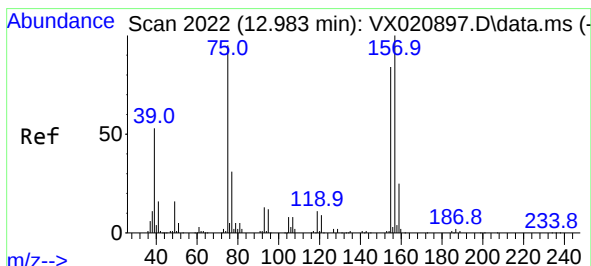
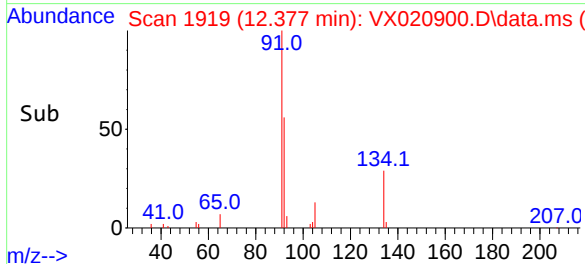
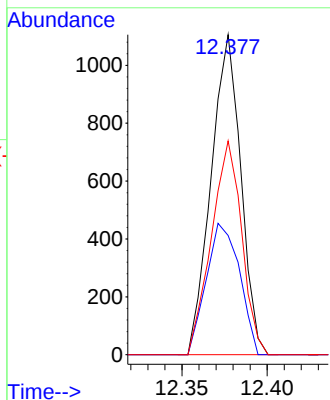
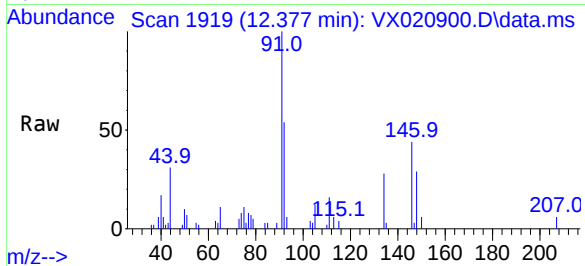




#91
1,2-Dichlorobenzene
Concen: 0.35 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

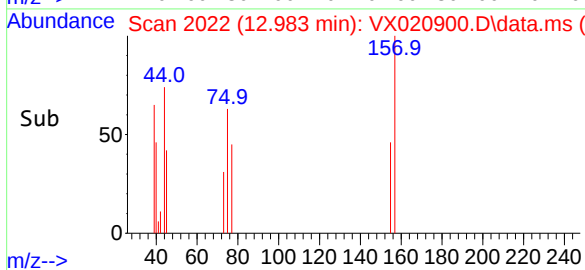
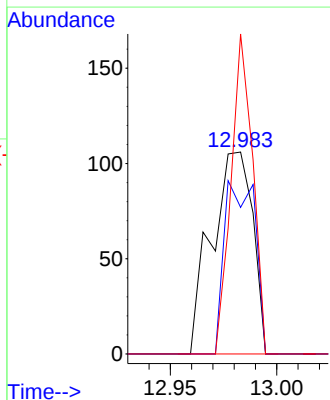
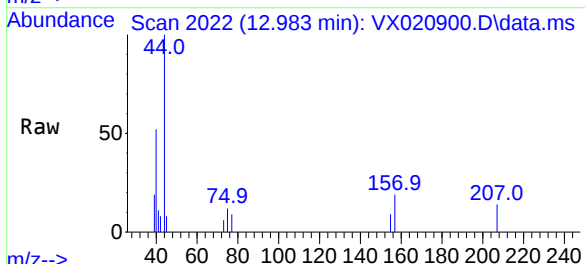
Instrument :
MSVOA_X
ClientSampled :
IBLK

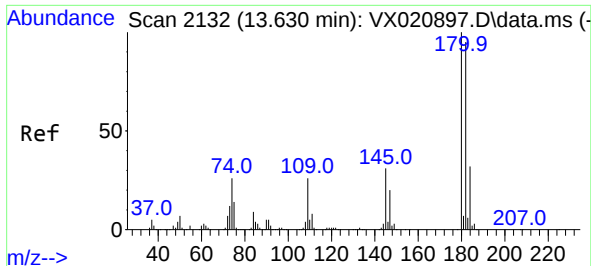
Tgt Ion:146 Resp: 1342
Ion Ratio Lower Upper
146 100
111 45.8 20.8 62.2
148 68.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.21 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
155 64.1 45.3 135.9
157 83.8 57.7 173.1

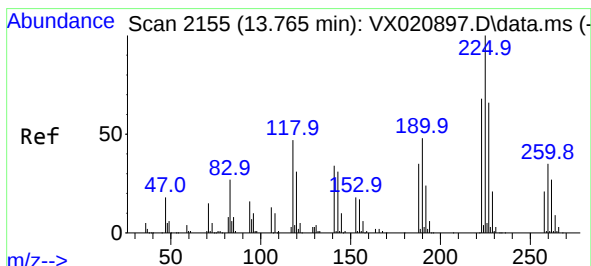
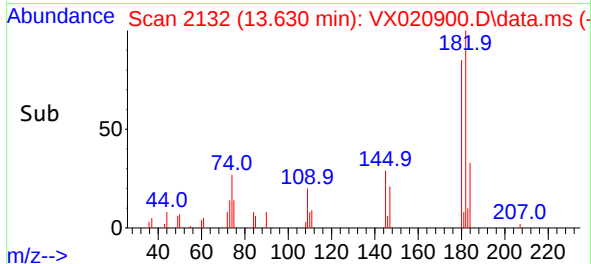
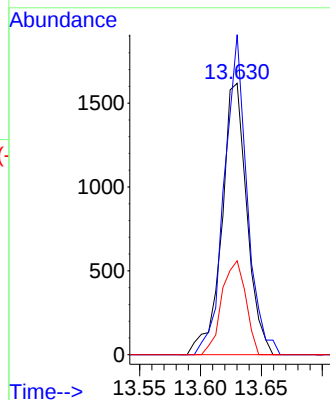
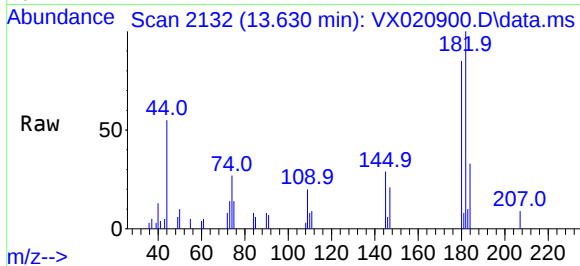




#93
1,2,4-Trichlorobenzene
Concen: 0.95 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

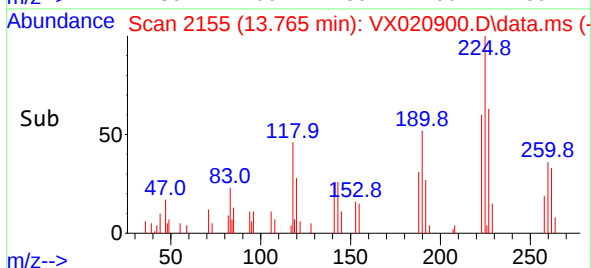
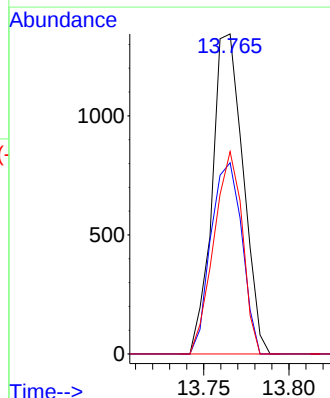
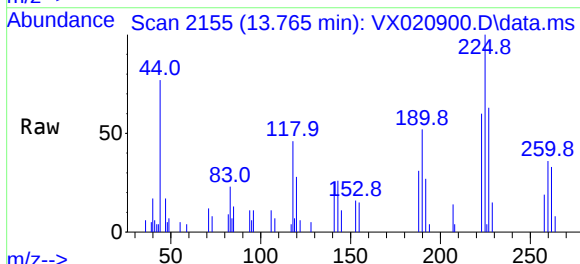
Instrument :
MSVOA_X
ClientSampled :
IBLK

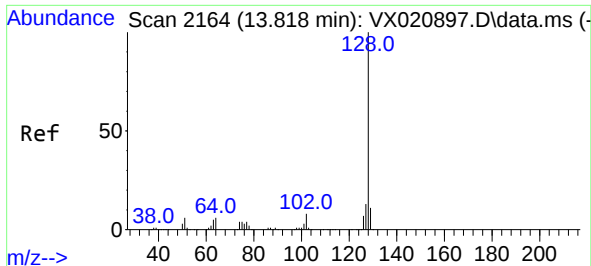
Tgt Ion:	180	Resp:	2327
Ion	Ratio	Lower	Upper
180	100		
182	106.4	47.7	143.1
145	32.9	15.0	45.0



#94
Hexachlorobutadiene
Concen: 1.73 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:	225	Resp:	1697
Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.1	93.2
227	58.5	31.6	95.0

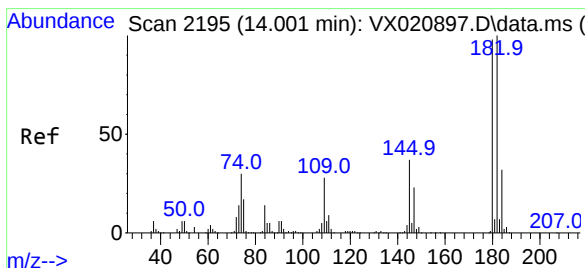
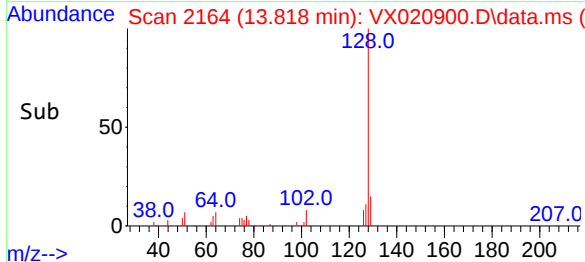
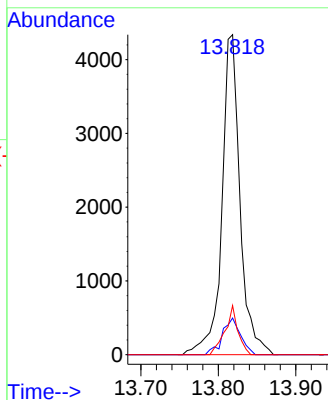
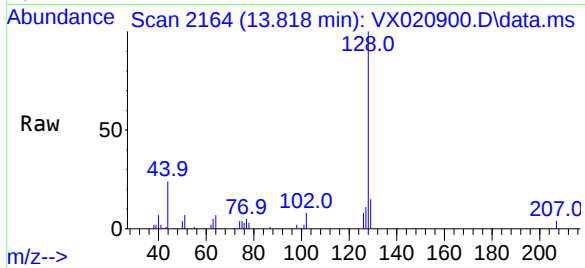




#95
Naphthalene
Concen: 0.81 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:128	Resp:	7061
Ion	Ratio	Lower Upper
128	100	
127	11.5	10.3 15.5
129	11.0	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.95 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX020900.D
Acq: 24 Feb 2021 13:39

Tgt Ion:180	Resp:	2302
Ion	Ratio	Lower Upper
180	100	
182	94.3	47.6 142.9
145	30.7	16.1 48.3

