

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021530.D
 Acq On : 26 Mar 2021 12:57
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 27 03:23:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 26 14:40:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	14871	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.835	114	79739	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	70792	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	39778	28.64	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.47%
60) 4-Bromofluorobenzene	11.118	95	35139	28.22	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.07%
63) Toluene-d8	8.700	98	96709	30.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.37%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	345	0.25	ug/l	99
3) Chloromethane	1.317	50	2119	1.68	ug/l	98
4) Vinyl Chloride	1.393	62	295	0.26	ug/l #	88
5) Bromomethane	1.628	94	373	0.83	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.370	101	277	0.30	ug/l	85
10) 1,1-Dichloroethene	2.346	96	269	0.30	ug/l #	60
11) Methyl Iodide	2.499	142	535	0.72	ug/l #	89
12) Methyl Acetate	2.758	43	389	0.21	ug/l	98
13) Acrolein	2.270	56	184	1.08	ug/l #	50
14) Acrylonitrile	3.123	53	626	1.11	ug/l	87
15) Acetone	2.434	58	47	0.31	ug/l #	1
16) Carbon Disulfide	2.552	76	3532	1.43	ug/l	97
18) Methylene Chloride	2.835	84	394	0.38	ug/l #	68
19) trans-1,2-Dichloroethene	3.135	96	307	0.32	ug/l #	78
22) cis-1,2-Dichloroethene	4.564	96	242	0.22	ug/l #	53
25) Chloroform	5.182	83	128	0.32	ug/l #	18
29) 1,1-Dichloropropene	5.770	75	304	0.23	ug/l	65
30) 2-Butanone	4.647	43	407	0.52	ug/l #	52
37) Trichloroethene	7.194	130	321	0.32	ug/l #	67
38) Methylcyclohexane	7.447	83	426	0.29	ug/l #	70
40) Dibromomethane	7.635	93	266	0.36	ug/l	69
42) Vinyl Acetate	3.788	43	915	0.34	ug/l #	71
43) Ethyl Acetate	4.647	43	407	0.27	ug/l	100
45) 1,4-Dioxane	7.729	88	91	3.65	ug/l #	92
48) t-1,3-Dichloropropene	9.029	75	420	0.27	ug/l #	86
51) Ethyl methacrylate	8.700	69	383	0.26	ug/l	93
53) Dibromochloromethane	9.318	129	311	0.27	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.294	63	1536	1.88	ug/l	95
58) 4-Methyl-2-Pentanone	8.618	43	471	0.32	ug/l #	73
59) 2-Hexanone	9.471	43	597	0.53	ug/l #	85
61) Tetrachloroethene	9.318	164	315	0.37	ug/l	93
62) Toluene	8.765	91	816	0.20	ug/l #	77
64) Chlorobenzene	10.124	112	629	0.26	ug/l	92
67) m/p-Xylenes	10.341	106	692	0.42	ug/l	92
73) Bromobenzene	11.236	156	360	0.35	ug/l	79
74) n-propylbenzene	11.342	91	1540	0.30	ug/l	95
75) 2-Chlorotoluene	11.406	91	812	0.26	ug/l	91
76) 1,3,5-Trimethylbenzene	11.489	105	799	0.22	ug/l	95
77) t-1,4-Dichloro-2-butene	11.118	75	19200	42.52	ug/l #	11

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

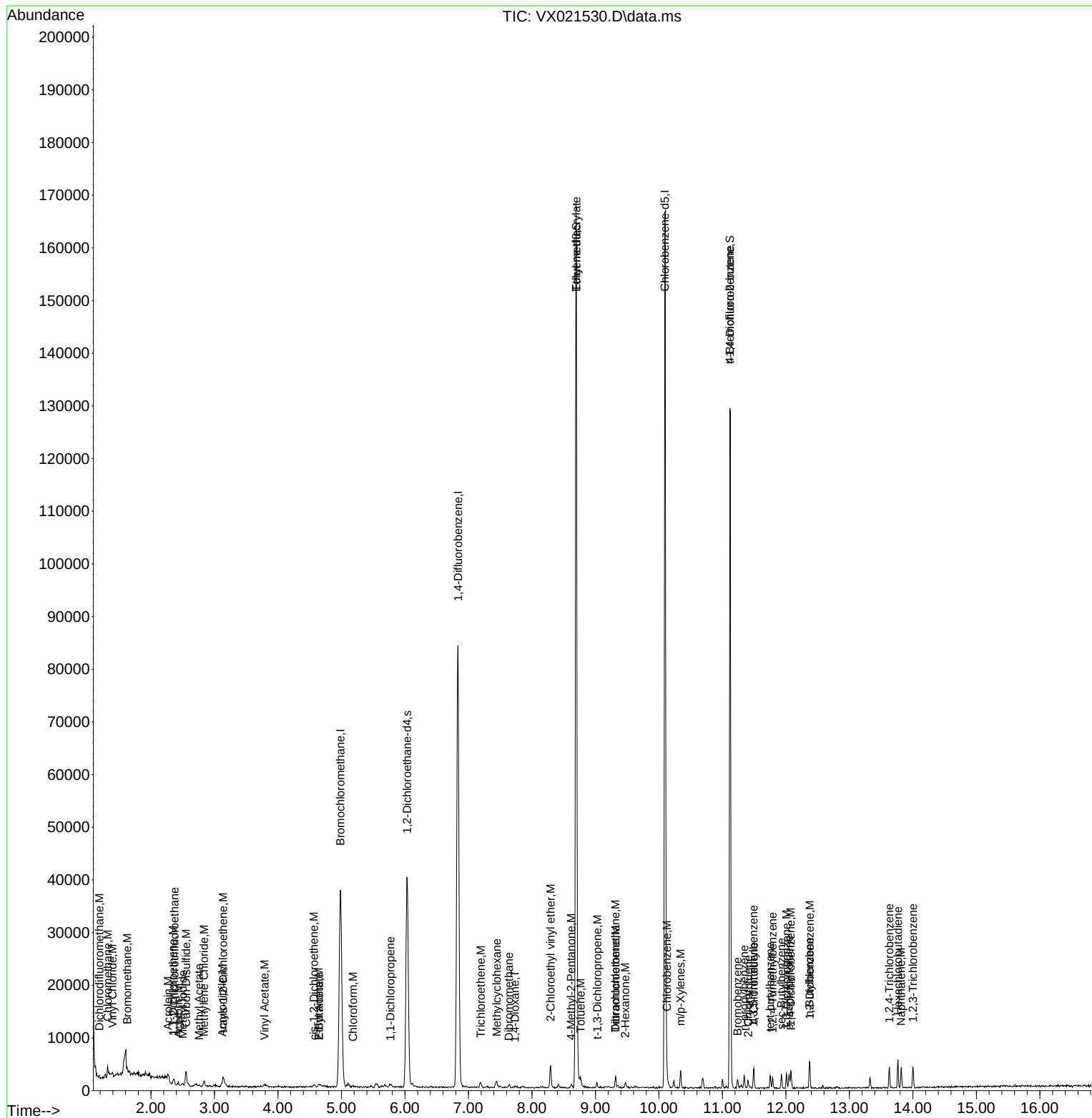
78) 4-Chlorotoluene	11.494	91	1253	0.35	ug/l	100
79) tert-butylbenzene	11.753	119	835	0.24	ug/l	79
80) 1,2,4-Trimethylbenzene	11.789	105	899	0.24	ug/l	91
81) sec-Butylbenzene	11.930	105	1304	0.32	ug/l	100
82) p-Isopropyltoluene	12.047	119	1199	0.32	ug/l	89
83) 1,3-Dichlorobenzene	12.006	146	875	0.47	ug/l	96
84) 1,4-Dichlorobenzene	12.077	146	890	0.48	ug/l	86
85) n-Butylbenzene	12.371	91	1397	0.42	ug/l	97
87) 1,2-Dichlorobenzene	12.377	146	613	0.33	ug/l	87
89) 1,2,4-Trichlorobenzene	13.630	180	1016	0.88	ug/l	92
90) Hexachlorobutadiene	13.765	225	689	1.41	ug/l	90
91) Naphthalene	13.812	128	2344	0.61	ug/l	95
92) 1,2,3-Trichlorobenzene	14.001	180	1039	0.90	ug/l	86

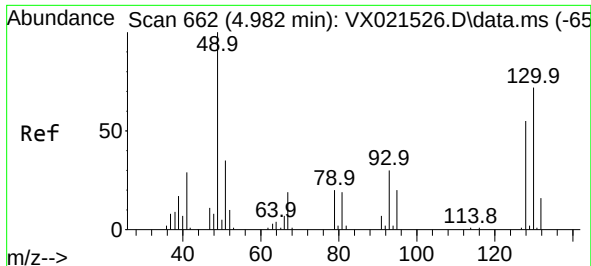
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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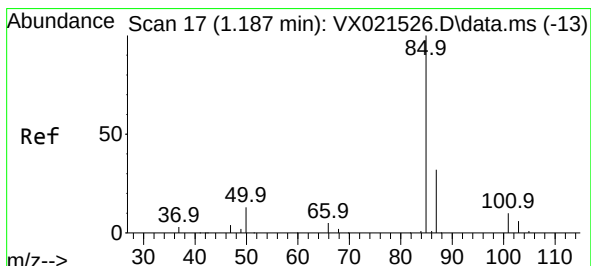
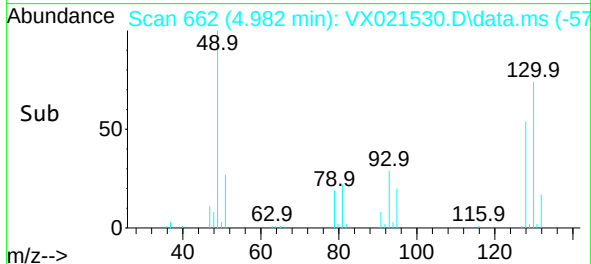
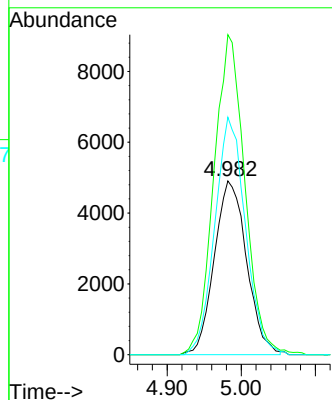
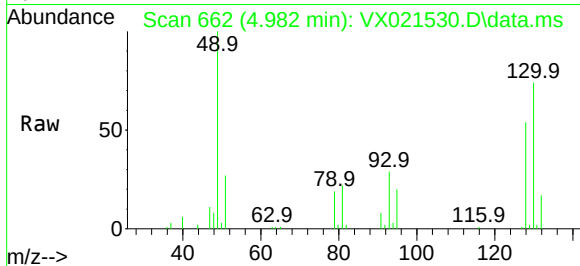




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

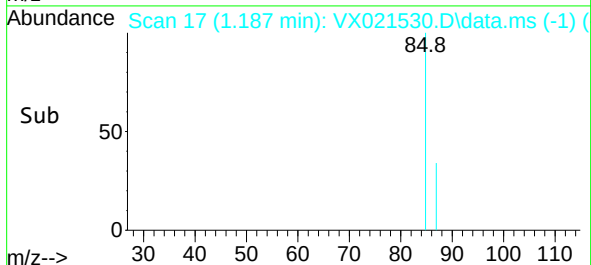
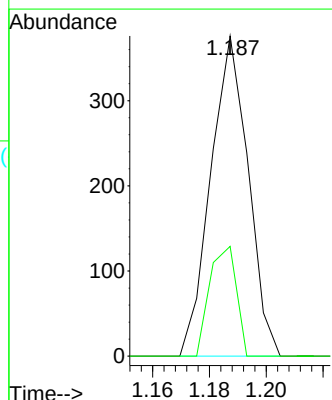
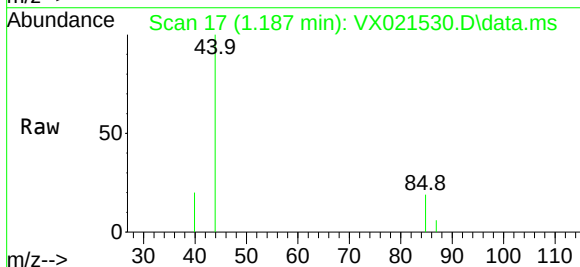
Instrument :
MSVOA_X
ClientSampled :
IBLK

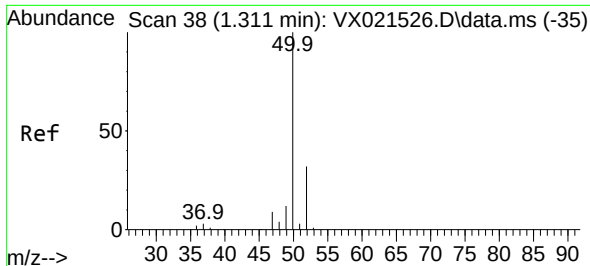
Tgt Ion:128 Resp: 14871
Ion Ratio Lower Upper
128 100
49 175.9 0.0 367.5
130 129.7 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 0.25 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 85 Resp: 345
Ion Ratio Lower Upper
85 100
87 34.3 16.8 50.4

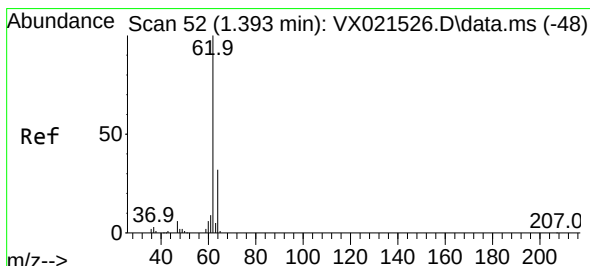
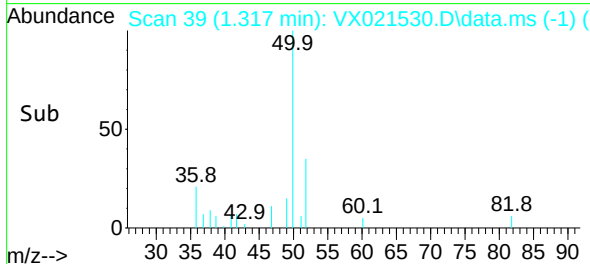
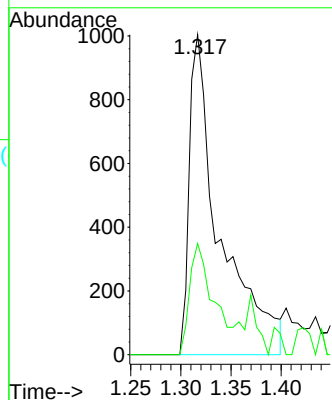
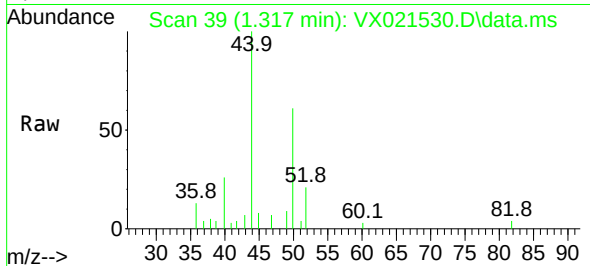




#3
Chloromethane
Concen: 1.68 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

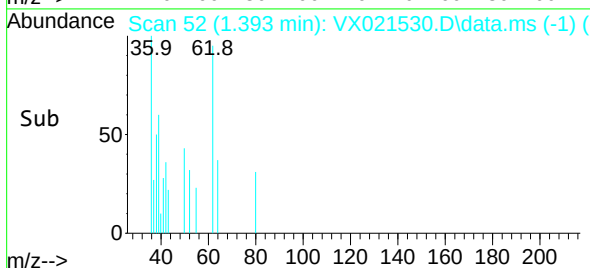
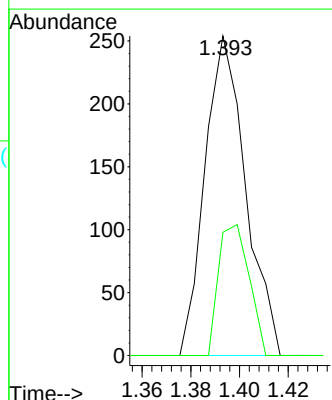
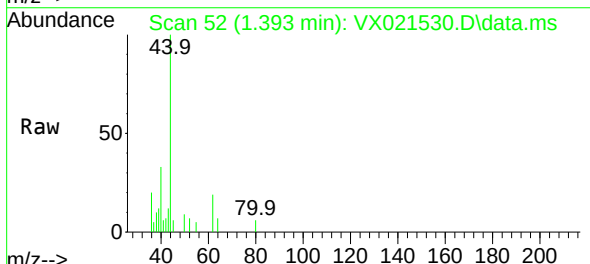
Instrument :
MSVOA_X
ClientSampled :
IBLK

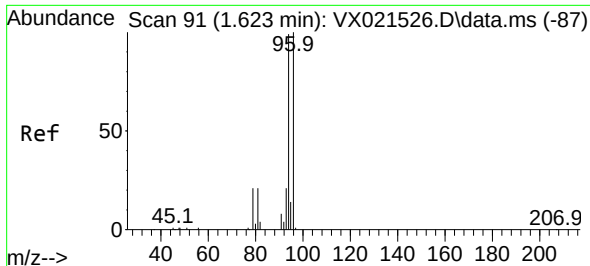
Tgt Ion: 50 Resp: 2119
Ion Ratio Lower Upper
50 100
52 34.8 26.9 40.3



#4
Vinyl Chloride
Concen: 0.26 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 62 Resp: 295
Ion Ratio Lower Upper
62 100
64 38.6 25.4 38.2#

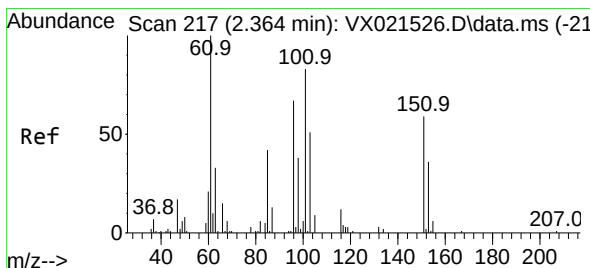
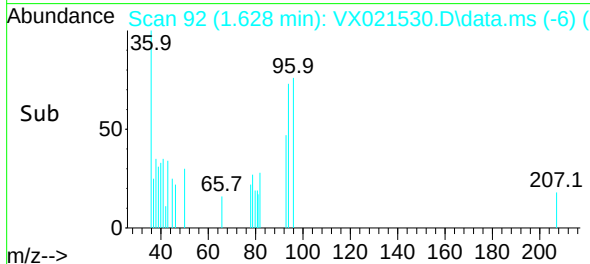
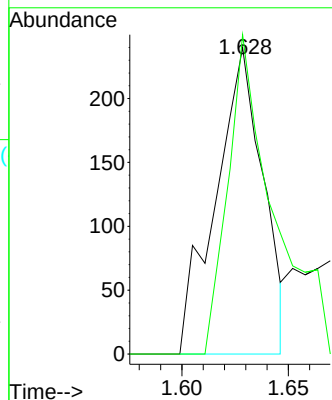
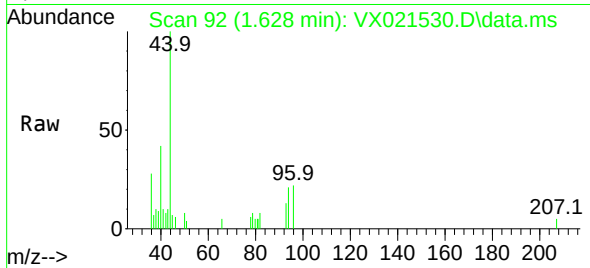




#5
Bromomethane
Concen: 0.83 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

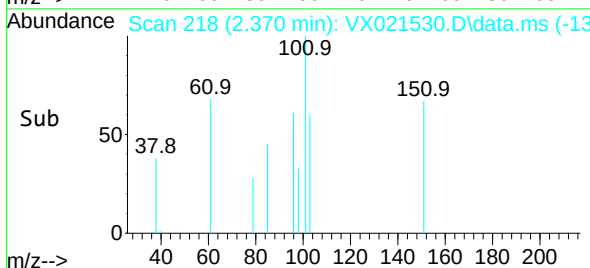
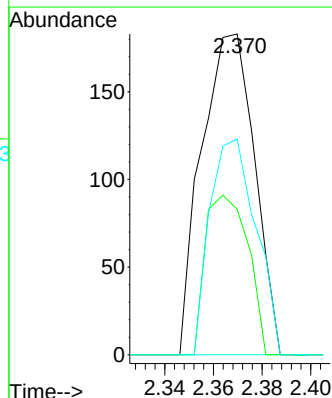
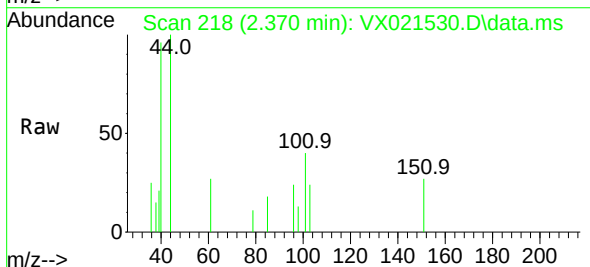
Instrument :
MSVOA_X
ClientSampleId :
IBLK

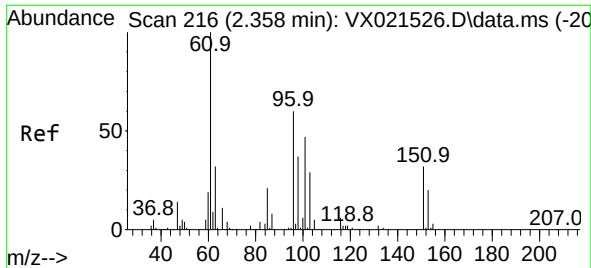
Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 104.2 76.6 114.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.30 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 101 Resp: 277
Ion Ratio Lower Upper
101 100
85 40.1 0.0 88.0
151 58.5 0.0 151.8

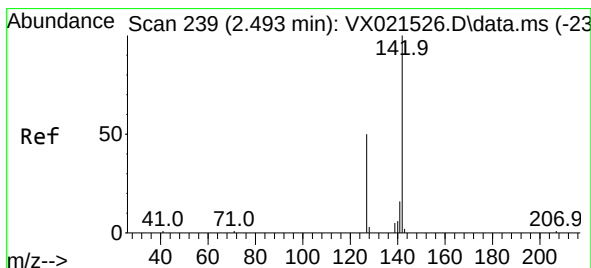
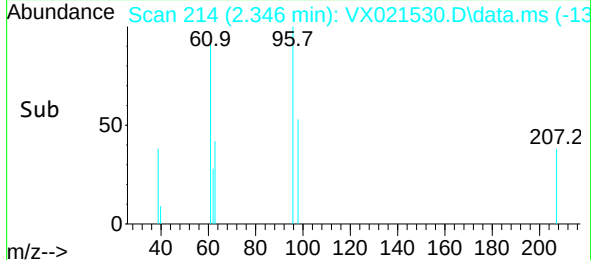
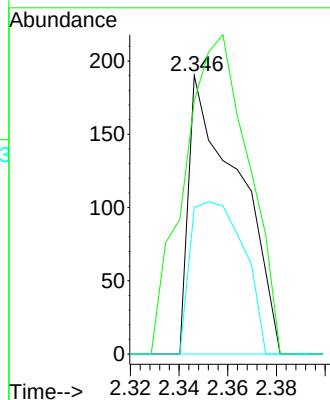
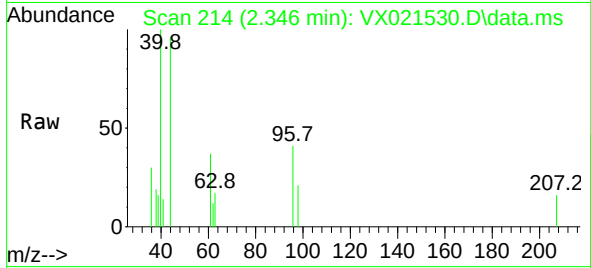




#10
1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 2.346 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

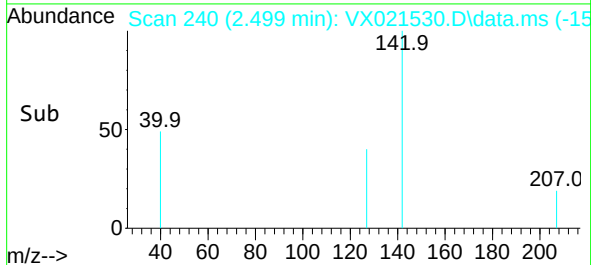
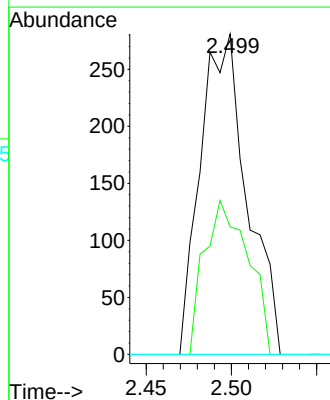
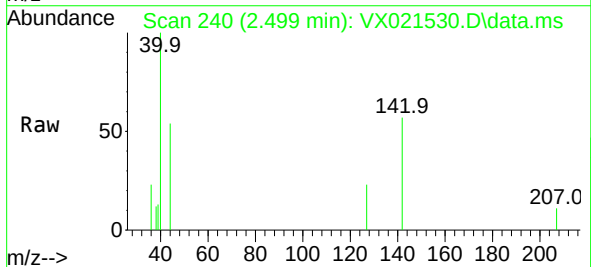
Instrument :
MSVOA_X
ClientSampled :
IBLK

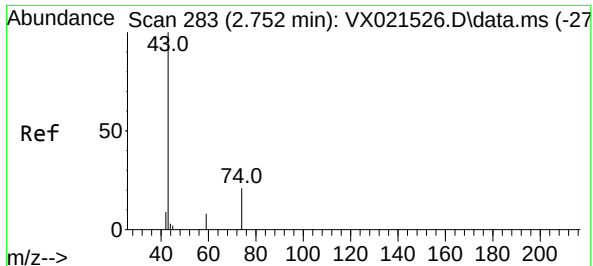
Tgt Ion: 96 Resp: 269
Ion Ratio Lower Upper
96 100
61 91.1 126.1 189.1#
98 52.6 51.3 76.9



#11
Methyl Iodide
Concen: 0.72 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 142 Resp: 535
Ion Ratio Lower Upper
142 100
127 39.9 21.4 64.2
141 0.0 6.5 19.4#





#12

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021530.D

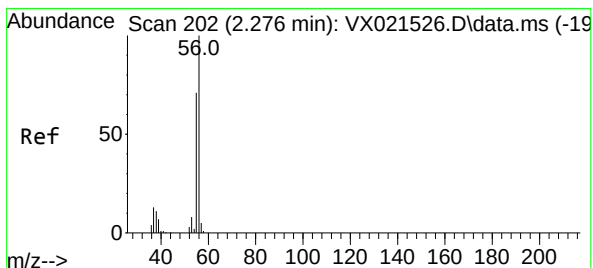
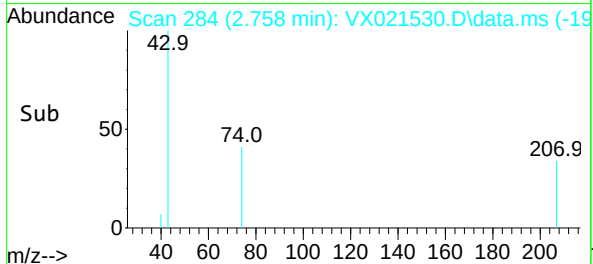
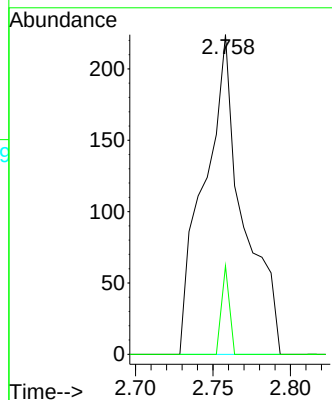
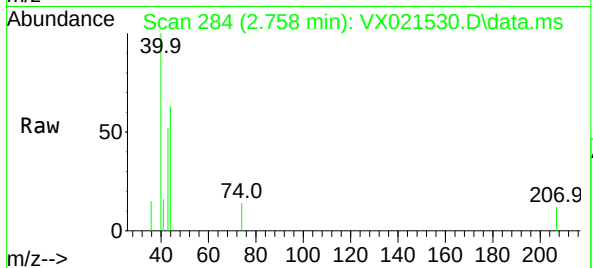
Acq: 26 Mar 2021 12:57

Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

43 100

74 27.7 22.8 34.2



#13

Acrolein

Concen: 1.08 ug/l

RT: 2.270 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX021530.D

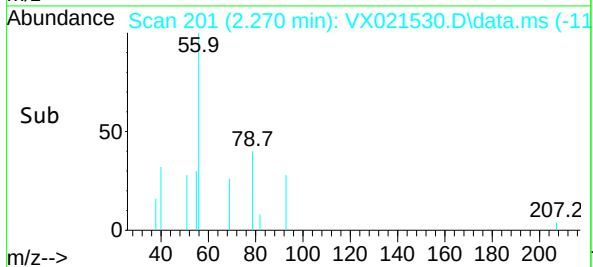
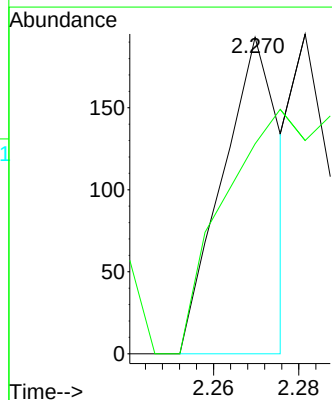
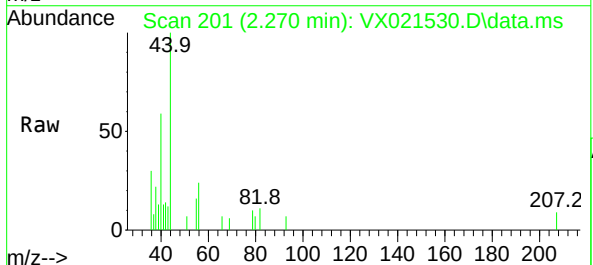
Acq: 26 Mar 2021 12:57

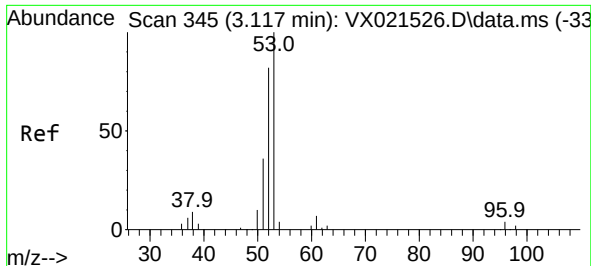
Tgt Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 111.4 56.3 84.5#

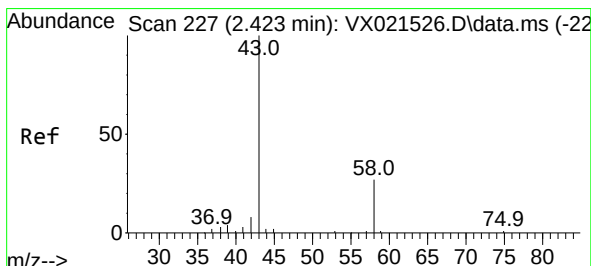
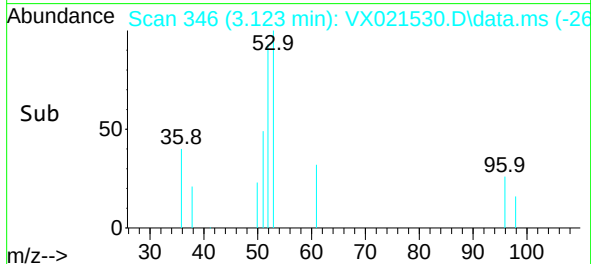
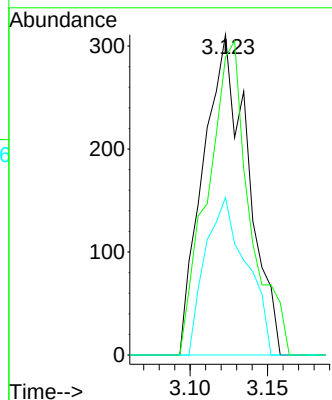
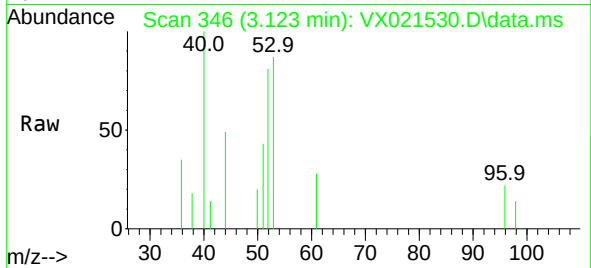




#14
Acrylonitrile
Concen: 1.11 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

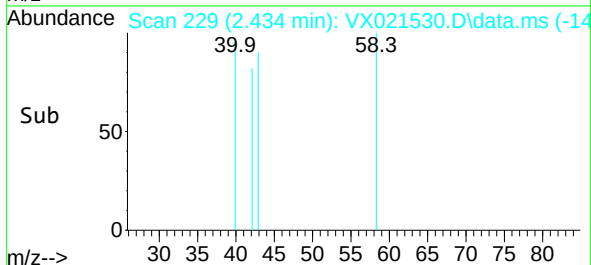
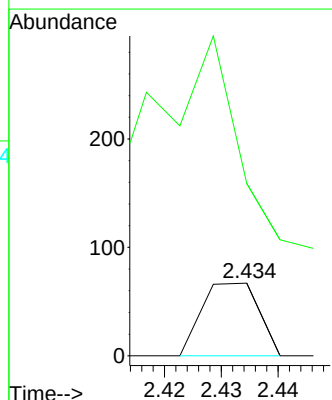
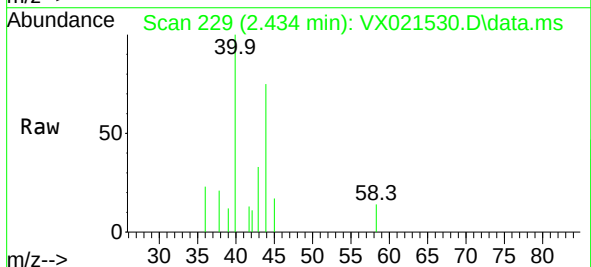
Instrument :
MSVOA_X
ClientSampled :
IBLK

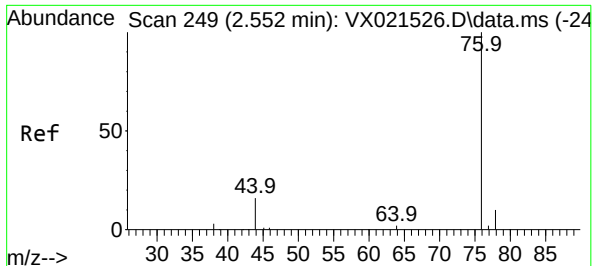
Tgt Ion: 53 Resp: 626
Ion Ratio Lower Upper
53 100
52 91.9 41.1 123.3
51 45.0 17.6 52.9



#15
Acetone
Concen: 0.31 ug/l
RT: 2.434 min Scan# 229
Delta R.T. 0.011 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

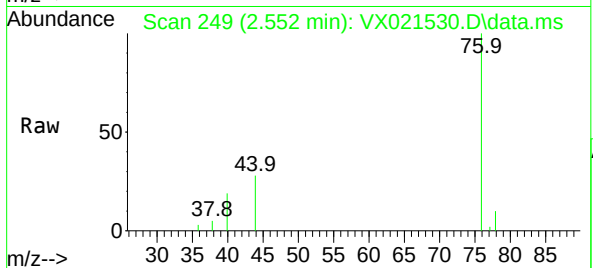
Tgt Ion: 58 Resp: 47
Ion Ratio Lower Upper
58 100
43 77.6 232.6 348.8#



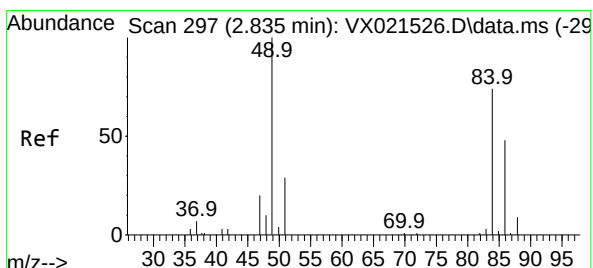
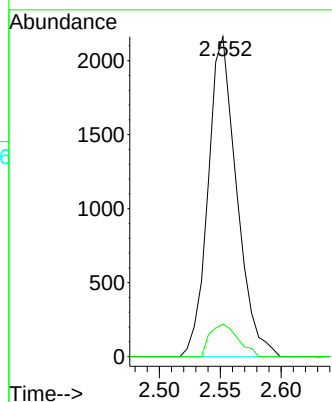
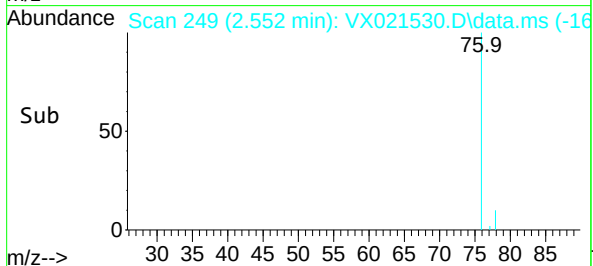


#16
Carbon Disulfide
Concen: 1.43 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

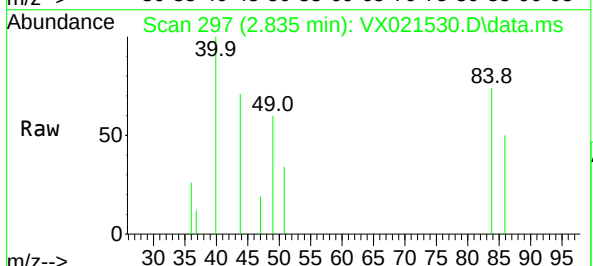
Instrument :
MSVOA_X
ClientSampled :
IBLK



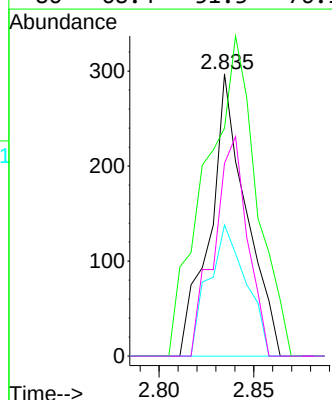
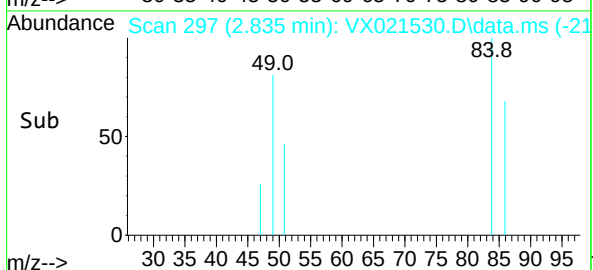
Tgt Ion: 76 Resp: 3532
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

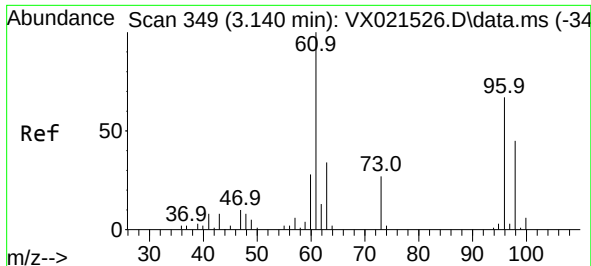


#18
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57



Tgt Ion: 84 Resp: 394
Ion Ratio Lower Upper
84 100
49 60.9 90.6 136.0#
51 46.5 26.3 39.5#
86 68.4 51.3 76.9



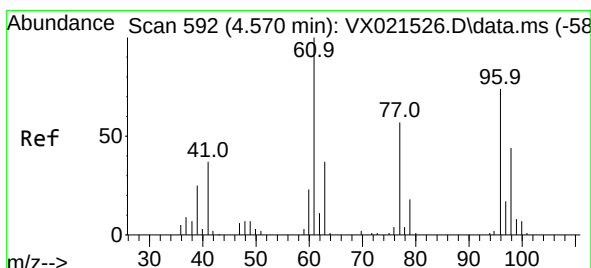
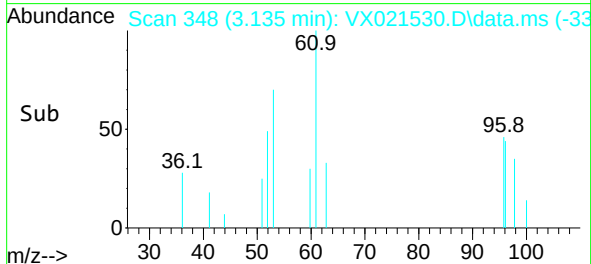
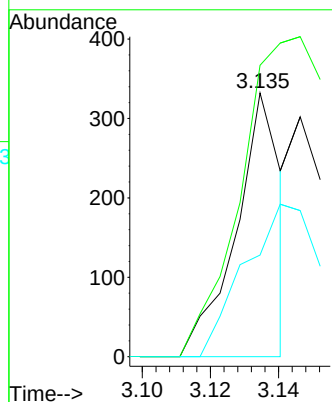
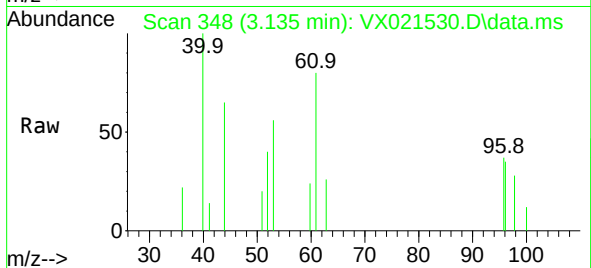


#19

trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.135 min Scan# 348
Delta R.T. -0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 96 Resp: 307
Ion Ratio Lower Upper
96 100
61 110.5 103.0 154.4
98 38.6 51.8 77.6#

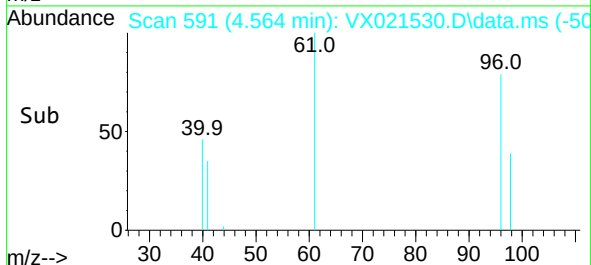
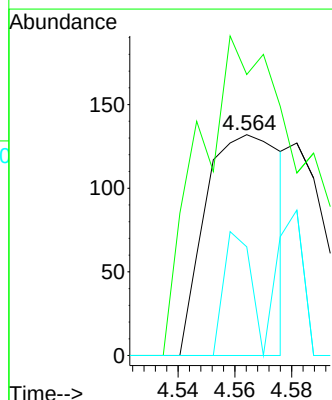
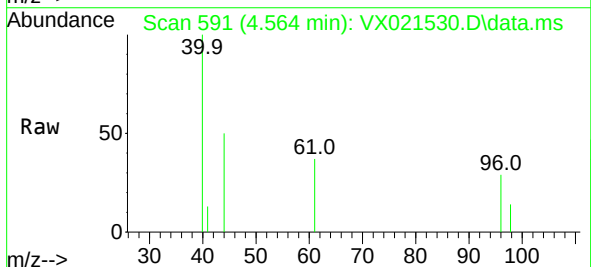
Instrument :
MSVOA_X
ClientSampled :
IBLK

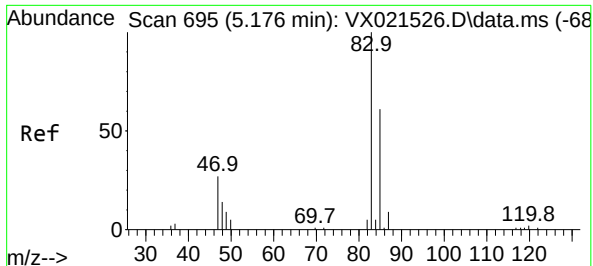


#22

cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 96 Resp: 242
Ion Ratio Lower Upper
96 100
61 195.9 114.1 171.1#
98 20.2 51.8 77.8#

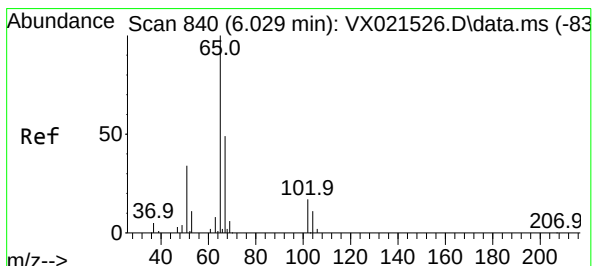
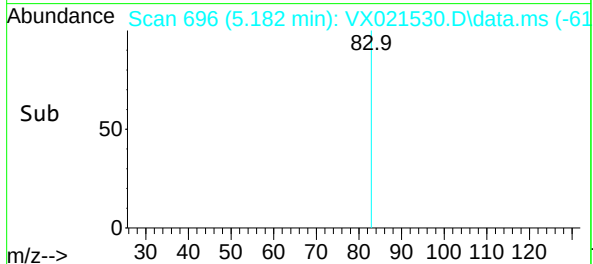
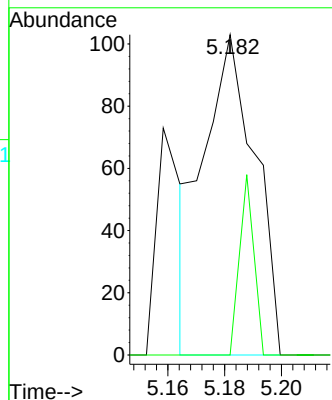
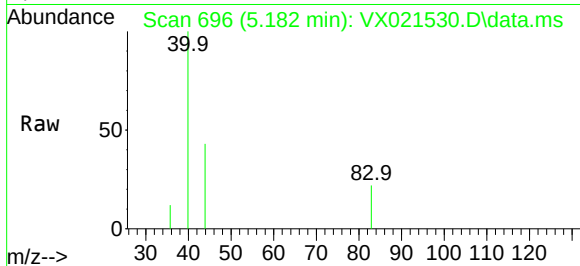




#25
Chloroform
Concen: 0.32 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

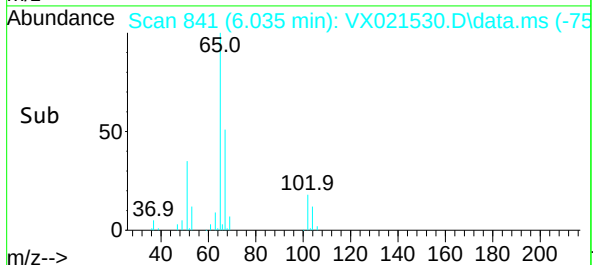
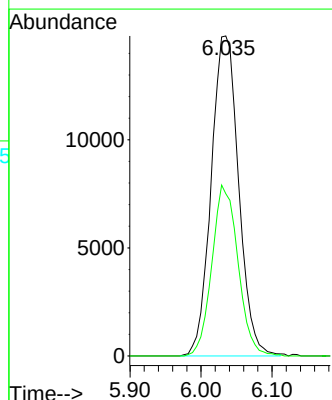
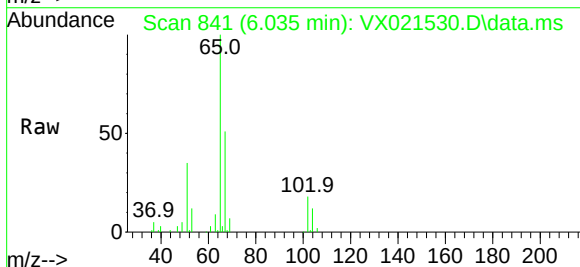
Instrument :
MSVOA_X
ClientSampled :
IBLK

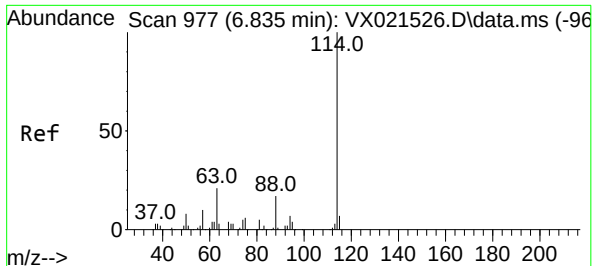
Tgt Ion: 83 Resp: 128
Ion Ratio Lower Upper
83 100
85 0.0 51.2 76.8#



#27
1,2-Dichloroethane-d4
Concen: 28.64 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 65 Resp: 39778
Ion Ratio Lower Upper
65 100
67 50.8 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.000 min

Lab File: VX021530.D

Acq: 26 Mar 2021 12:57

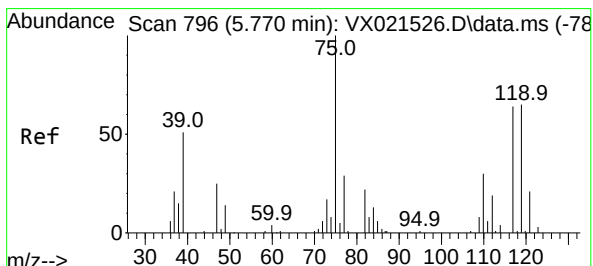
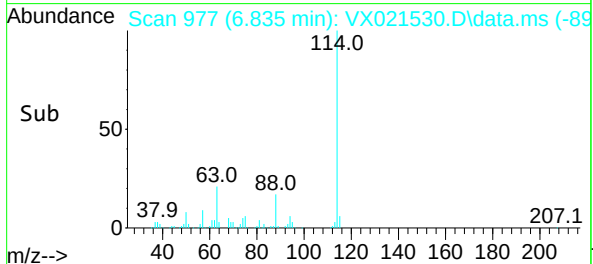
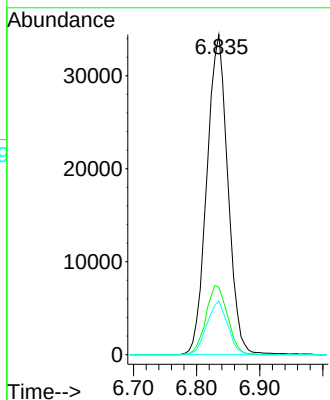
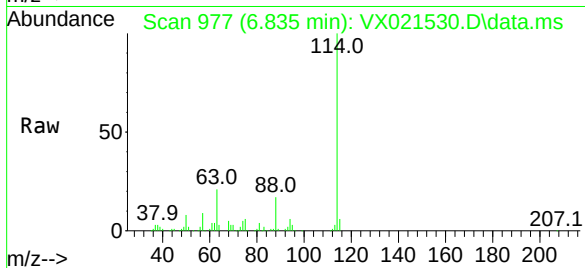
Tgt Ion:114 Resp: 79739

Ion Ratio Lower Upper

114 100

63 22.3 16.2 24.2

88 16.6 13.0 19.6



#29

1,1-Dichloropropene

Concen: 0.23 ug/l

RT: 5.770 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX021530.D

Acq: 26 Mar 2021 12:57

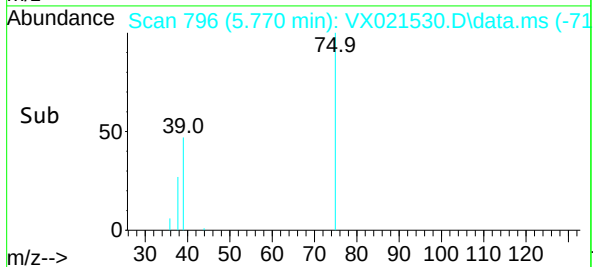
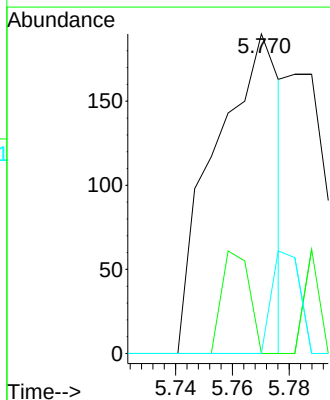
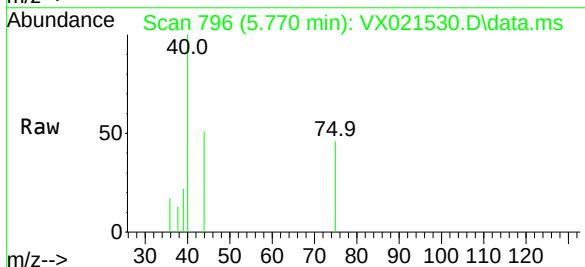
Tgt Ion: 75 Resp: 304

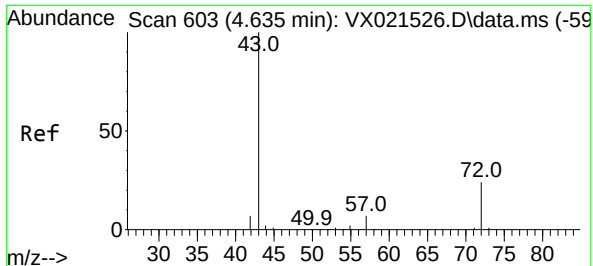
Ion Ratio Lower Upper

75 100

110 13.5 0.0 72.4

77 13.8 0.0 62.4

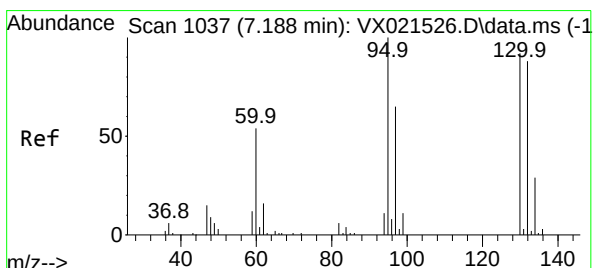
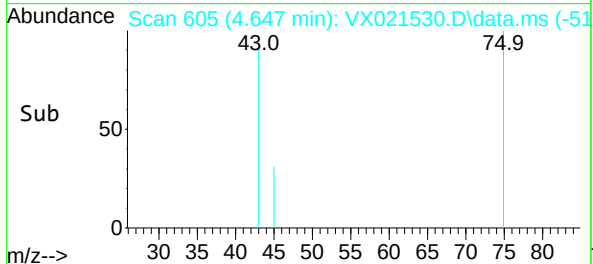
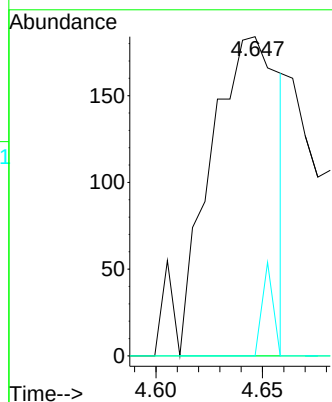
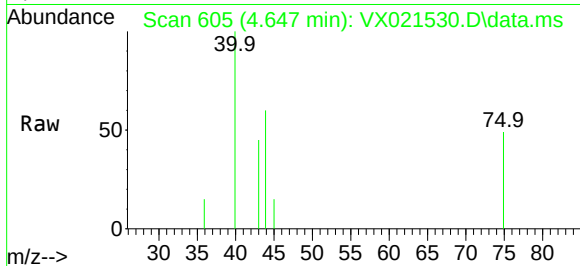




#30
2-Butanone
Concen: 0.52 ug/l
RT: 4.647 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

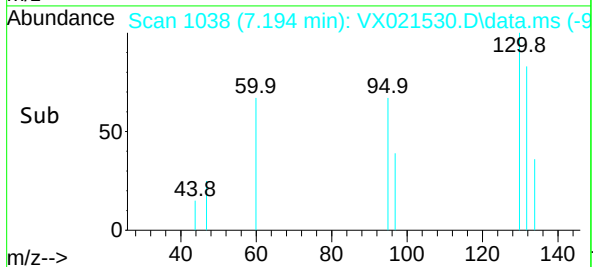
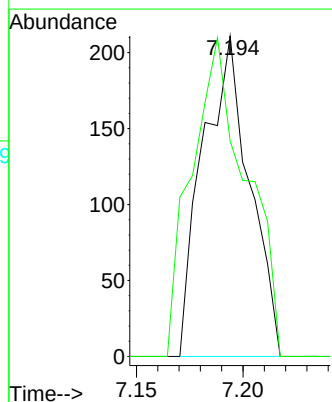
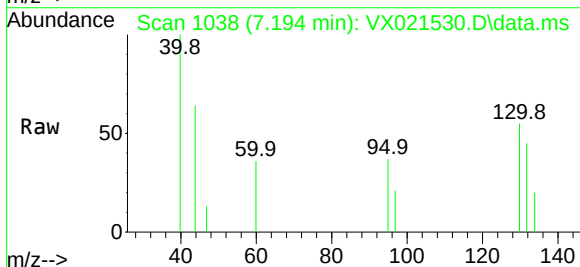
Instrument :
MSVOA_X
ClientSampleId :
IBLK

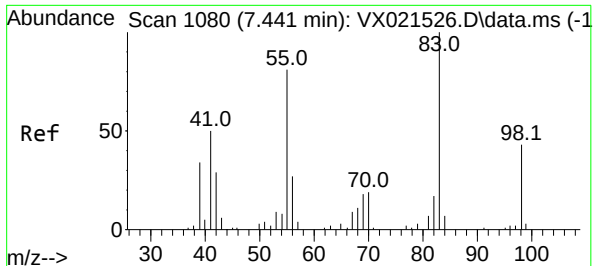
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
57 0.0 7.2 10.8#
72 0.0 23.7 35.5#



#37
Trichloroethene
Concen: 0.32 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 130 Resp: 321
Ion Ratio Lower Upper
130 100
95 67.3 80.2 120.4#





#38

Methylcyclohexane

Concen: 0.29 ug/l

RT: 7.447 min Scan# 1081

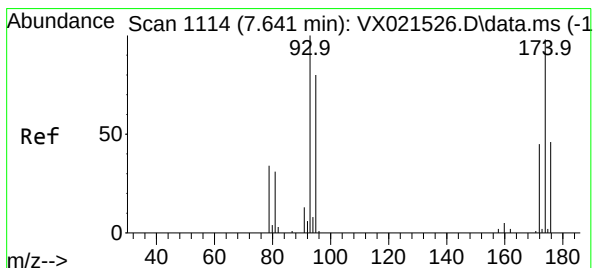
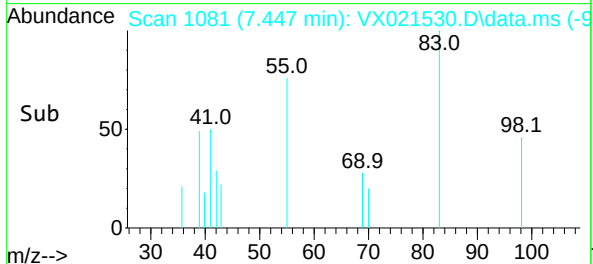
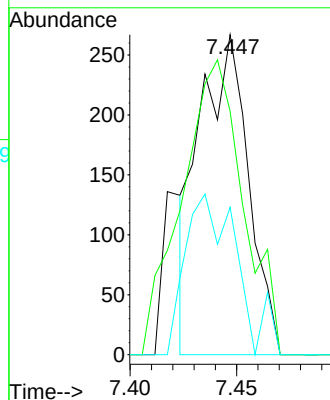
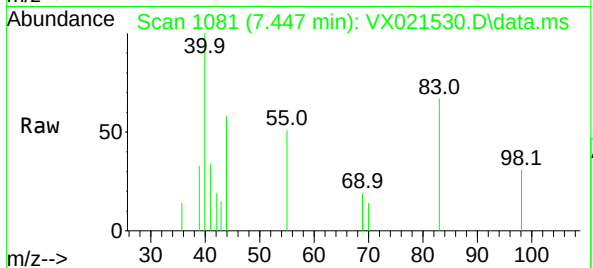
Delta R.T. 0.006 min

Lab File: VX021530.D

Acq: 26 Mar 2021 12:57

Tgt Ion:	83	Resp:	426
Ion	Ratio	Lower	Upper
83	100		
55	116.2	37.4	112.1#
98	49.1	24.7	74.1

Instrument :
MSVOA_X
ClientSampleId :
IBLK



#40

Dibromomethane

Concen: 0.36 ug/l

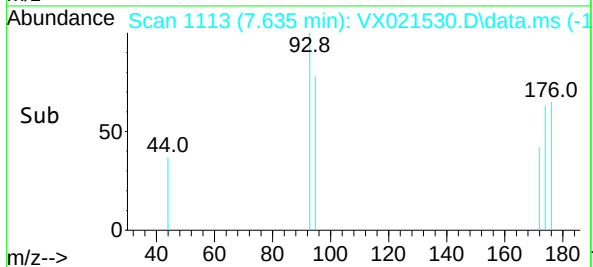
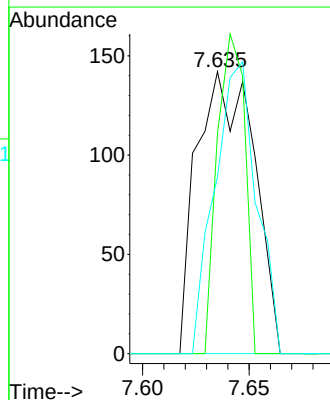
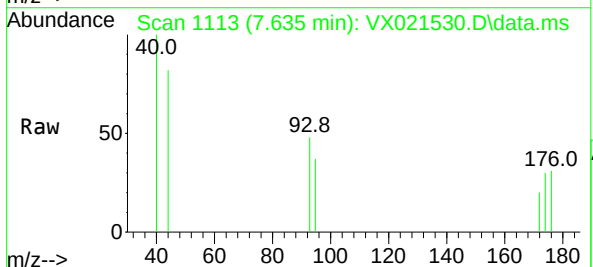
RT: 7.635 min Scan# 1113

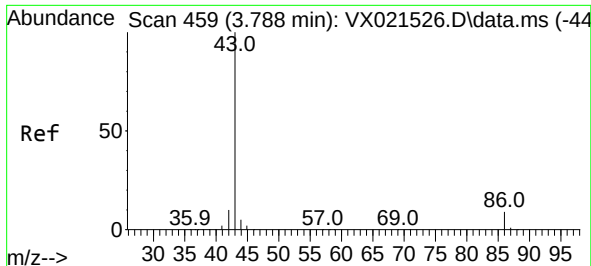
Delta R.T. -0.006 min

Lab File: VX021530.D

Acq: 26 Mar 2021 12:57

Tgt Ion:	93	Resp:	266
Ion	Ratio	Lower	Upper
93	100		
95	54.5	0.0	167.4
174	75.6	0.0	211.8

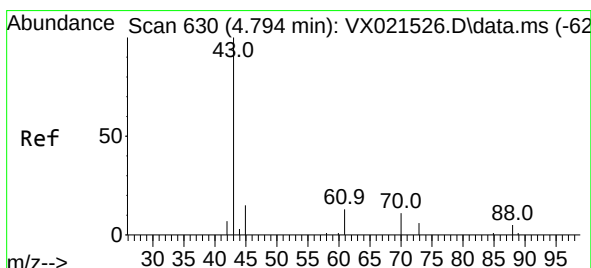
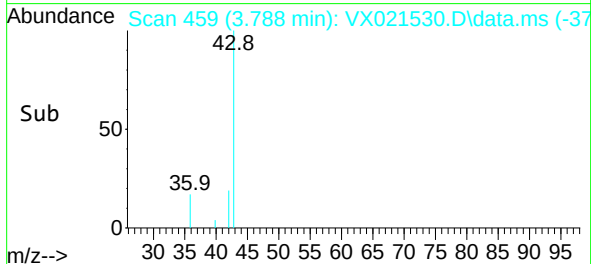
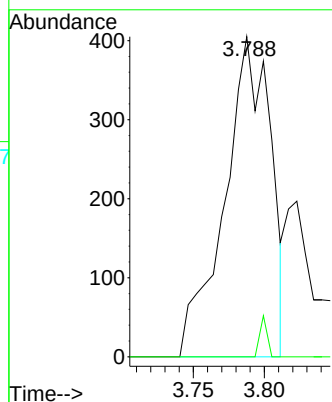
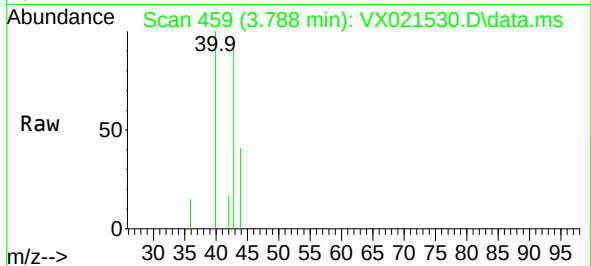




#42
 Vinyl Acetate
 Concen: 0.34 ug/l
 RT: 3.788 min Scan# 459
 Delta R.T. -0.000 min
 Lab File: VX021530.D
 Acq: 26 Mar 2021 12:57

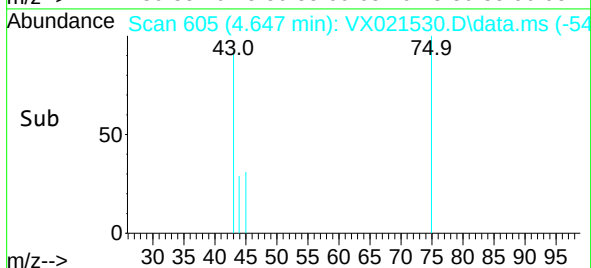
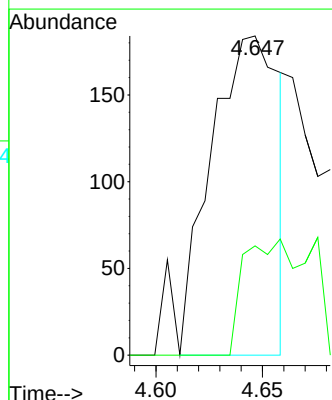
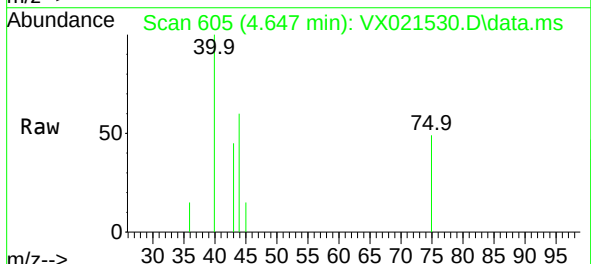
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

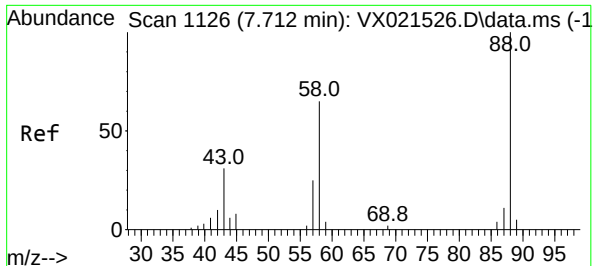
Tgt Ion: 43 Resp: 915
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.4#



#43
 Ethyl Acetate
 Concen: 0.27 ug/l
 RT: 4.647 min Scan# 605
 Delta R.T. -0.147 min
 Lab File: VX021530.D
 Acq: 26 Mar 2021 12:57

Tgt Ion: 43 Resp: 407
 Ion Ratio Lower Upper
 43 100
 45 15.5 12.2 18.4





#45

1,4-Dioxane

Concen: 3.65 ug/l

RT: 7.729 min Scan# 1129

Delta R.T. 0.017 min

Lab File: VX021530.D

Acq: 26 Mar 2021 12:57

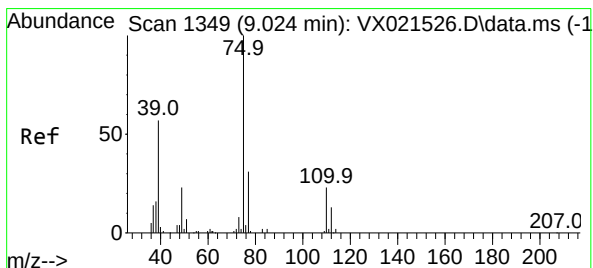
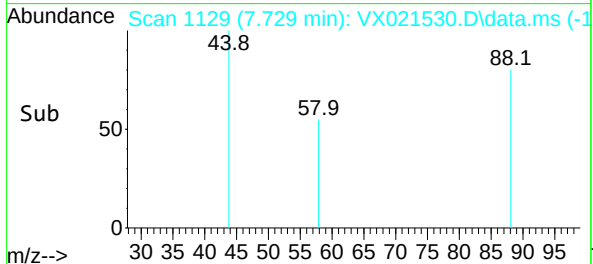
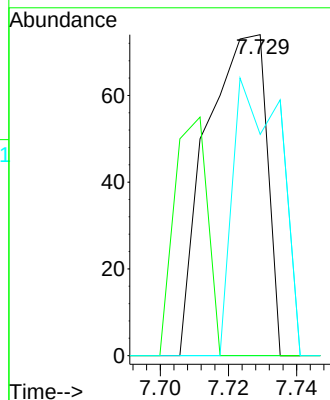
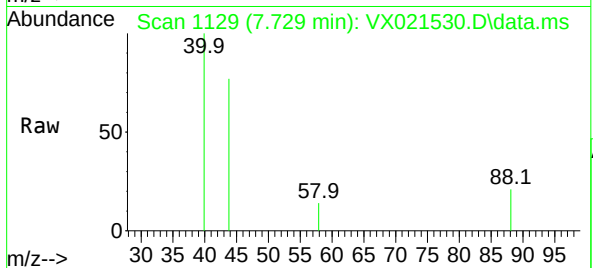
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 40.7 22.2 33.2#

58 67.0 53.9 80.9



#48

t-1,3-Dichloropropene

Concen: 0.27 ug/l

RT: 9.029 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VX021530.D

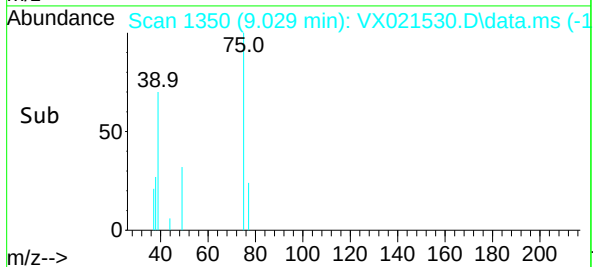
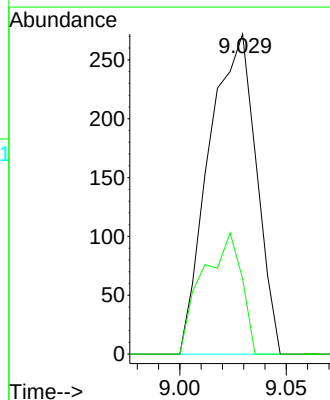
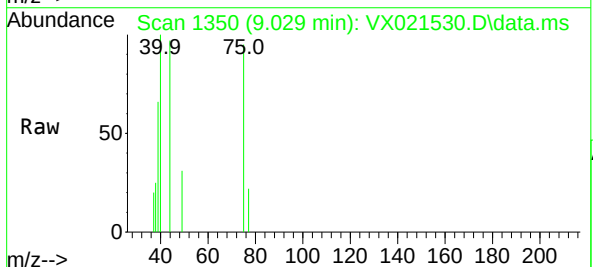
Acq: 26 Mar 2021 12:57

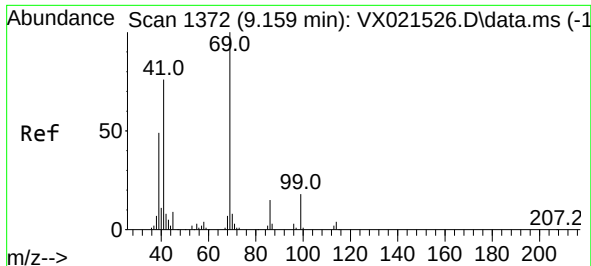
Tgt Ion: 75 Resp: 420

Ion Ratio Lower Upper

75 100

77 23.5 25.0 37.6#

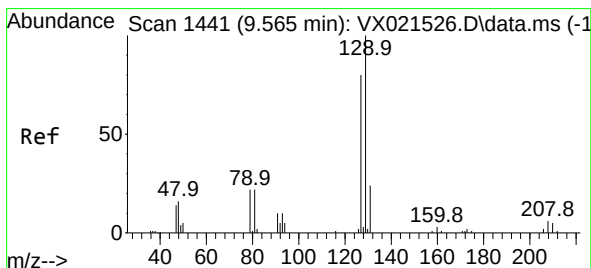
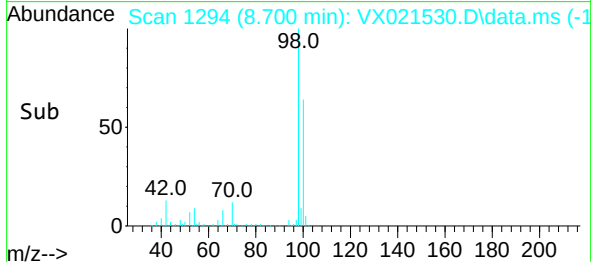
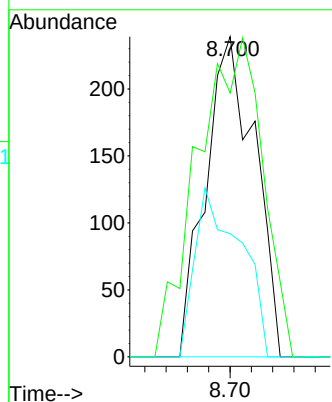
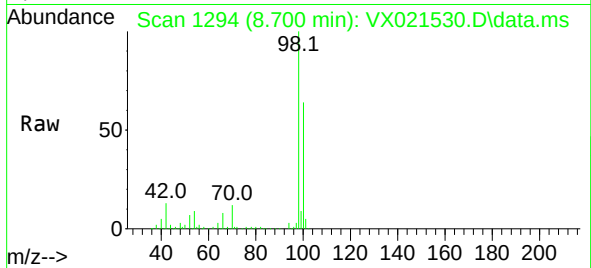




#51
Ethyl methacrylate
Concen: 0.26 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. -0.459 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

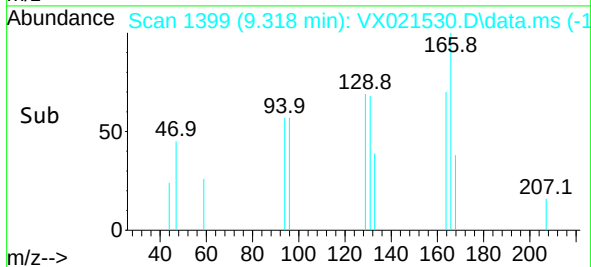
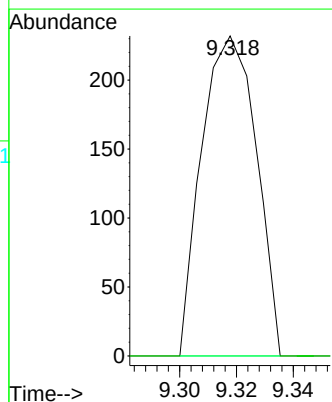
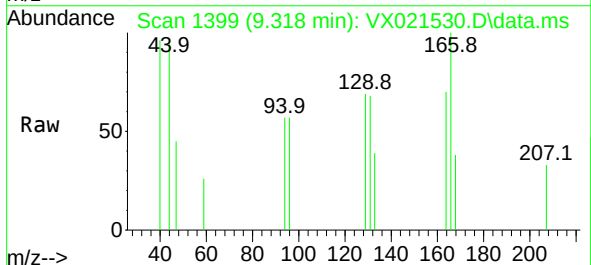
Instrument :
MSVOA_X
ClientSampleId :
IBLK

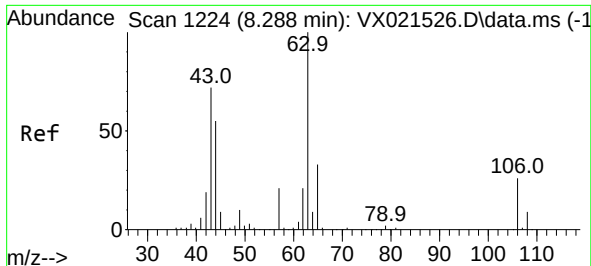
Tgt Ion:	69	Resp:	383
Ion	Ratio	Lower	Upper
69	100		
41	61.1	29.1	87.4
39	38.5	15.4	46.1



#53
Dibromochloromethane
Concen: 0.27 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	129	Resp:	311
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

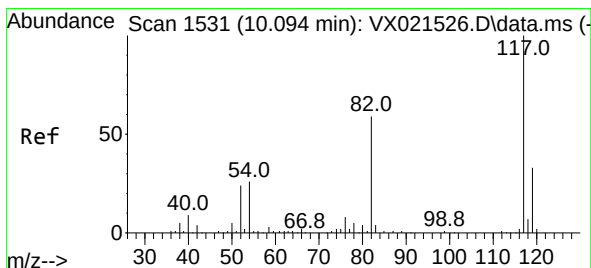
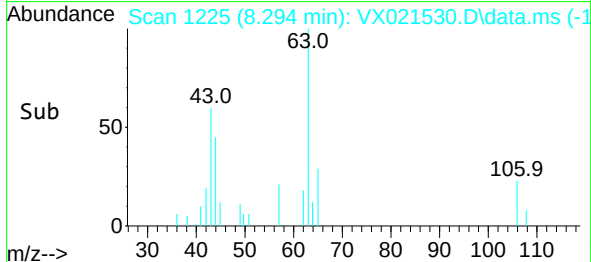
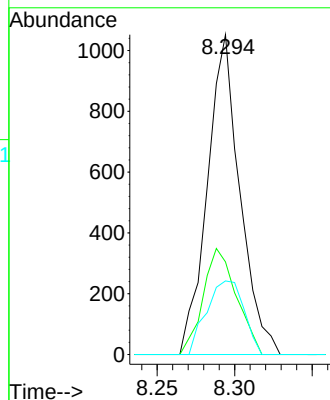
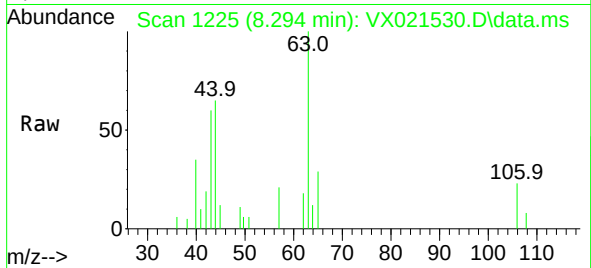




#55
2-Chloroethyl vinyl ether
Concen: 1.88 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

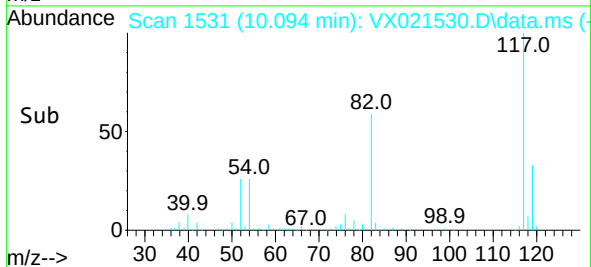
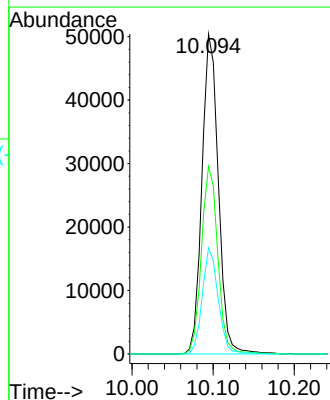
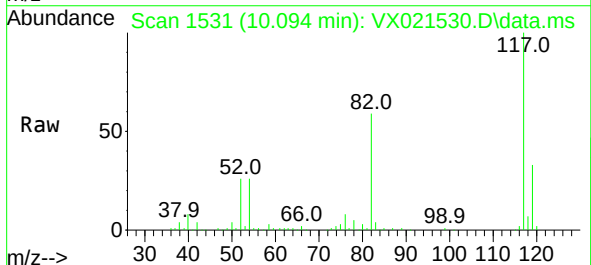
Instrument :
MSVOA_X
ClientSampled :
IBLK

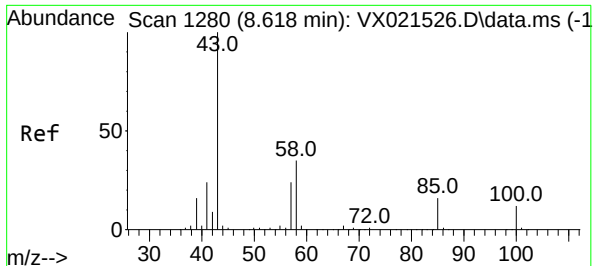
Tgt Ion:	63	Resp:	1536
Ion	Ratio	Lower	Upper
63	100		
65	34.0	25.9	38.9
106	26.4	23.9	35.9



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	117	Resp:	70792
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.6
119	31.9	25.6	38.4

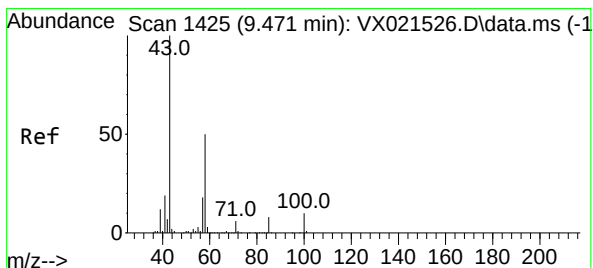
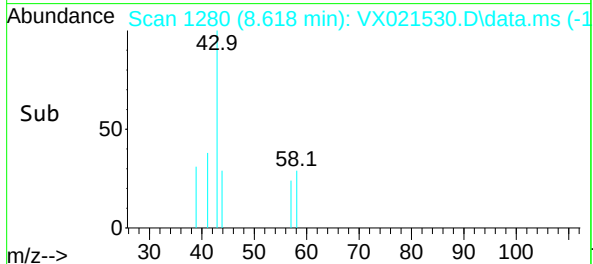
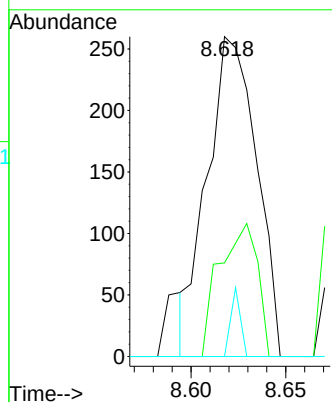
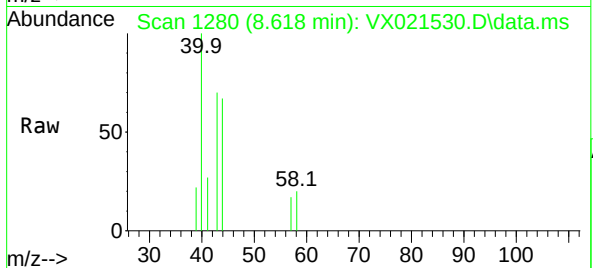




#58
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

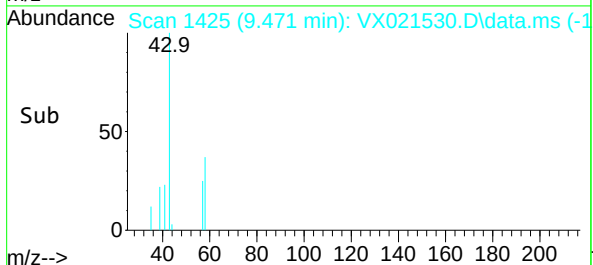
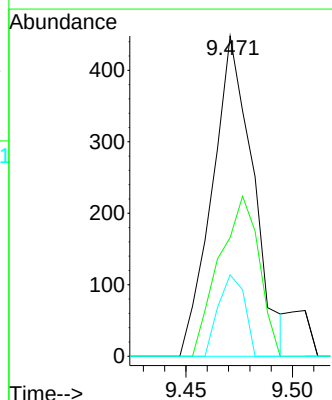
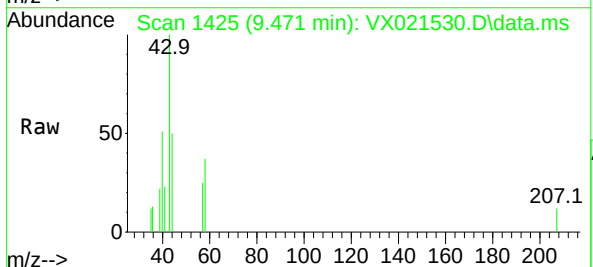
Instrument :
MSVOA_X
ClientSampleId :
IBLK

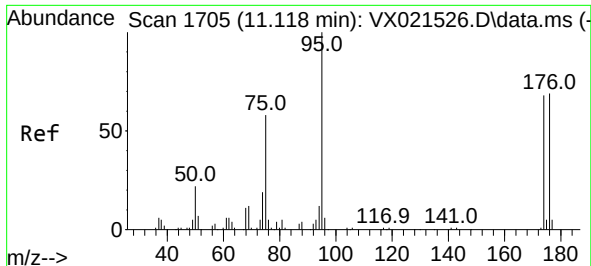
Tgt Ion:	43	Resp:	471
Ion	Ratio	Lower	Upper
43	100		
58	32.1	35.2	52.8#
85	0.0	16.8	25.2#



#59
2-Hexanone
Concen: 0.53 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	43	Resp:	597
Ion	Ratio	Lower	Upper
43	100		
58	48.9	49.0	73.6#
57	16.2	17.1	25.7#

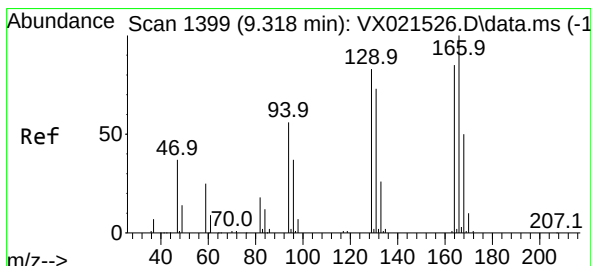
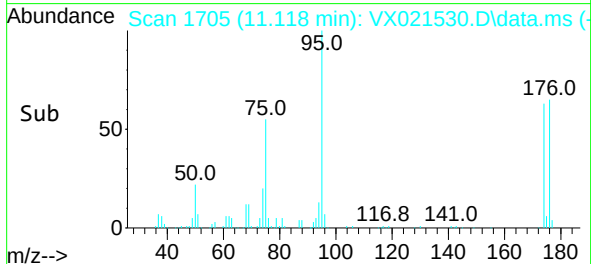
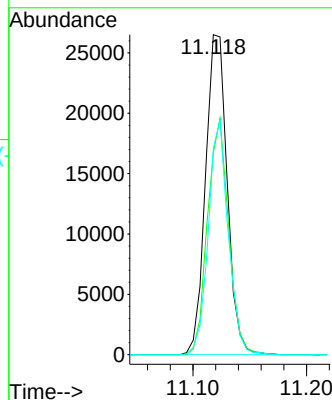
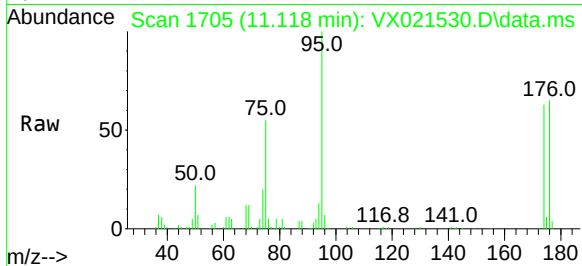




#60
4-Bromofluorobenzene
Concen: 28.22 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

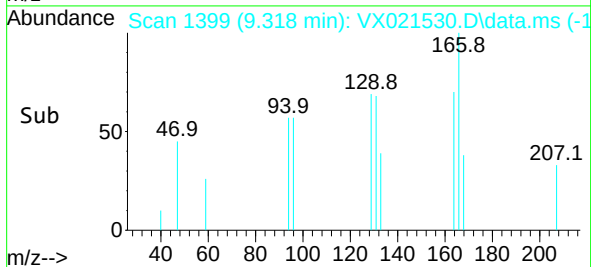
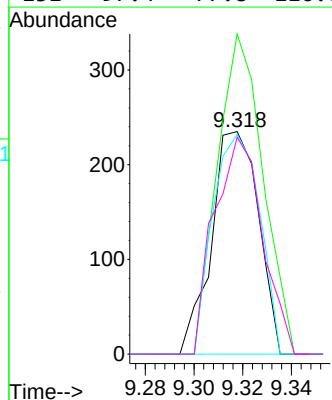
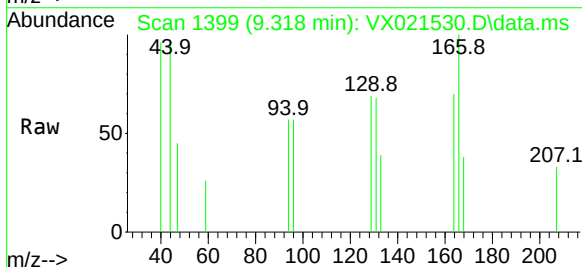
Instrument :
MSVOA_X
ClientSampled :
IBLK

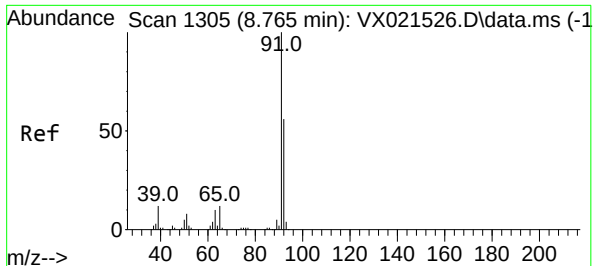
Tgt Ion:	95	Resp:	35139
Ion Ratio	Lower	Upper	
95	100		
174	71.8	63.0	94.4
176	67.3	59.9	89.9



#61
Tetrachloroethene
Concen: 0.37 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	164	Resp:	315
Ion Ratio	Lower	Upper	
164	100		
166	143.8	102.8	154.2
129	98.7	75.8	113.8
131	97.4	77.8	116.6





#62

Toluene

Concen: 0.20 ug/l

RT: 8.765 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VX021530.D

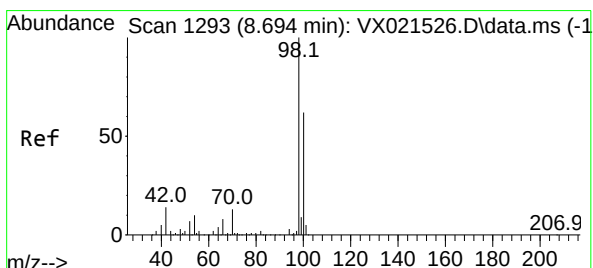
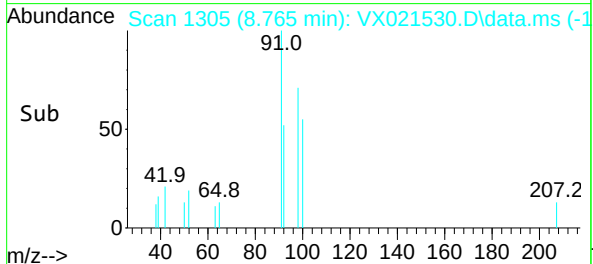
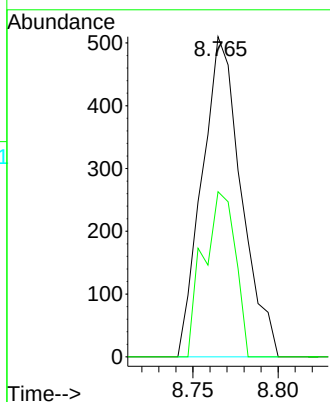
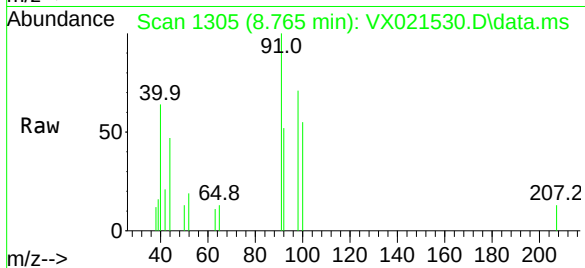
Acq: 26 Mar 2021 12:57

Tgt Ion: 91 Resp: 816

Ion Ratio Lower Upper

91 100

92 41.9 47.2 70.8#



#63

Toluene-d8

Concen: 30.41 ug/l

RT: 8.700 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX021530.D

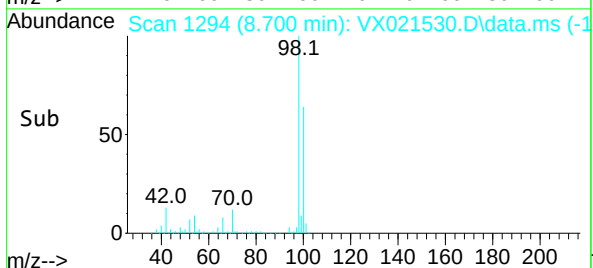
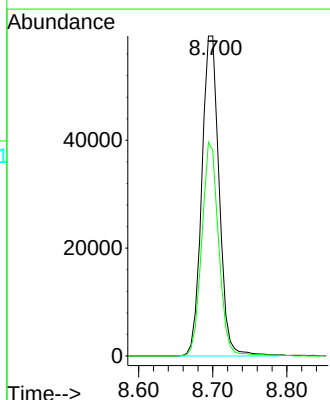
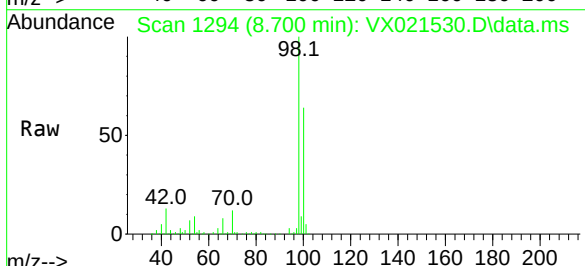
Acq: 26 Mar 2021 12:57

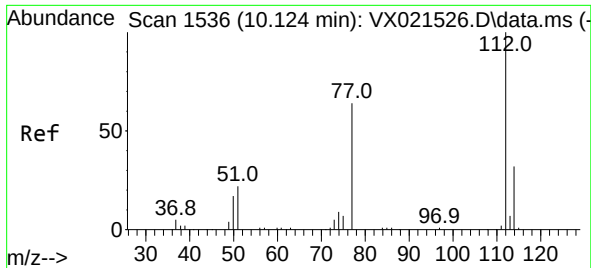
Tgt Ion: 98 Resp: 96709

Ion Ratio Lower Upper

98 100

100 64.6 53.0 79.4

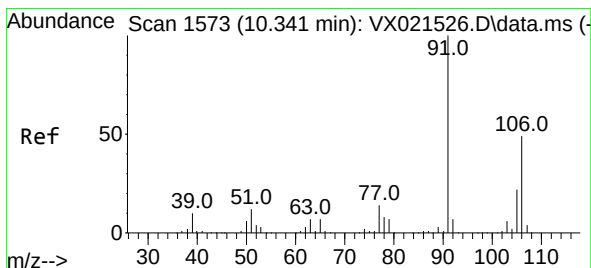
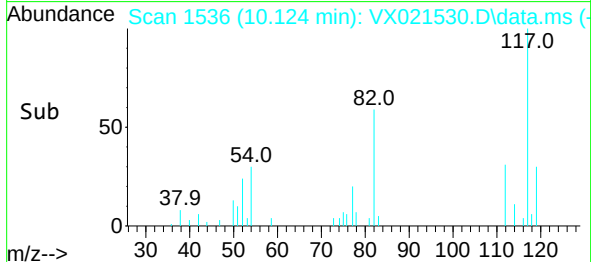
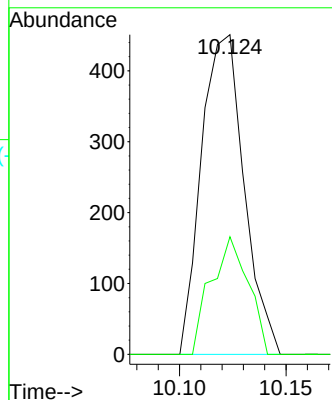
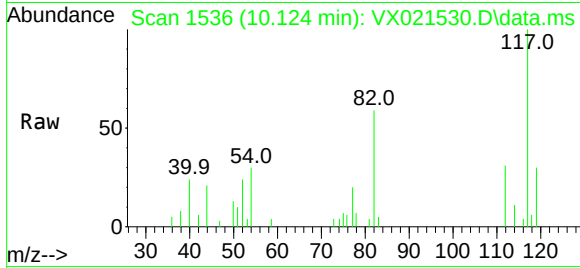




#64
Chlorobenzene
Concen: 0.26 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

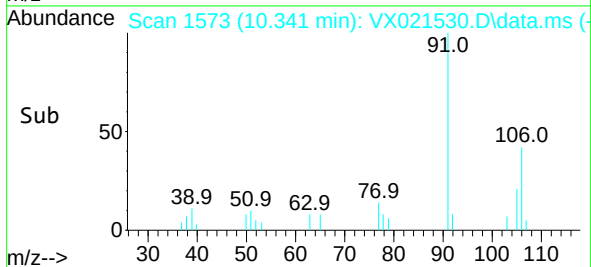
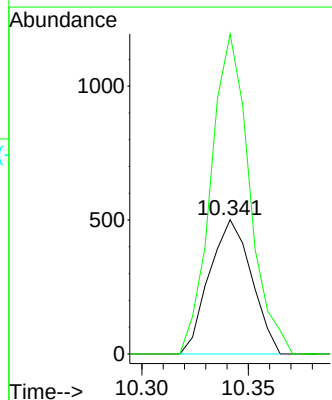
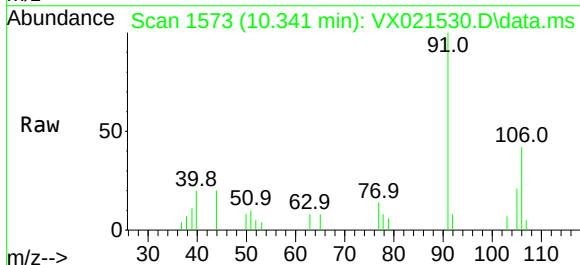
Instrument :
MSVOA_X
ClientSampled :
IBLK

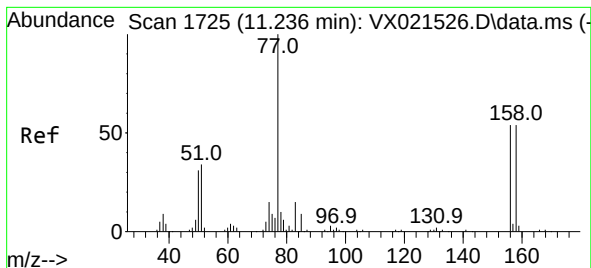
Tgt Ion:112 Resp: 629
Ion Ratio Lower Upper
112 100
114 36.8 25.7 38.5



#67
m/p-Xylenes
Concen: 0.42 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:106 Resp: 692
Ion Ratio Lower Upper
106 100
91 217.2 164.0 246.0

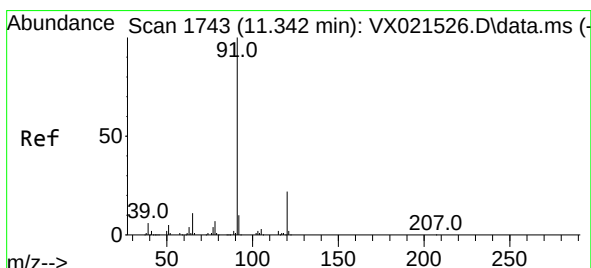
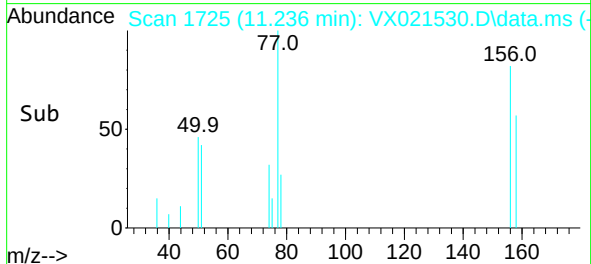
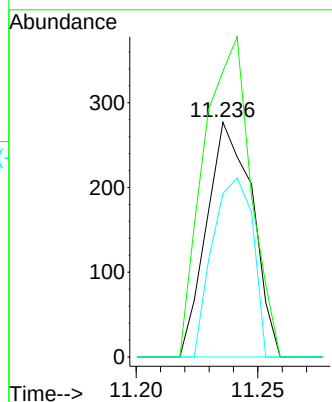
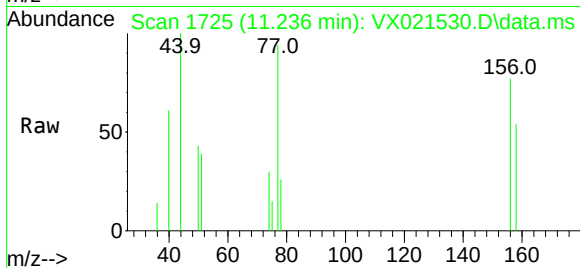




#73
Bromobenzene
Concen: 0.35 ug/l
RT: 11.236 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

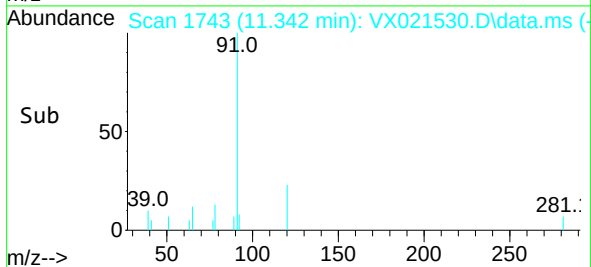
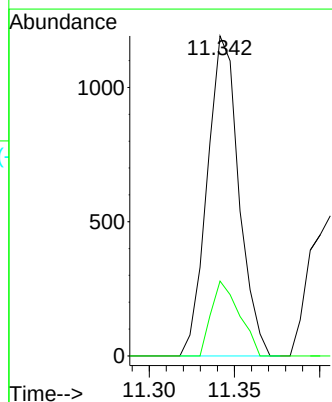
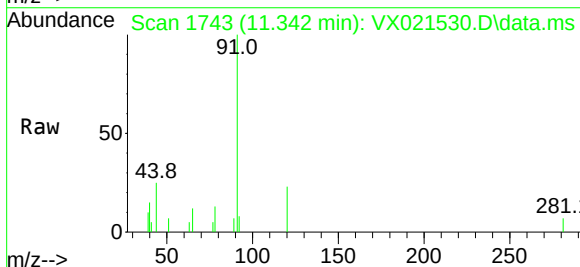
Instrument :
MSVOA_X
ClientSampled :
IBLK

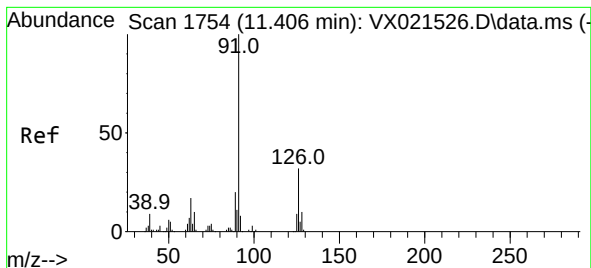
Tgt Ion:156 Resp: 360
Ion Ratio Lower Upper
156 100
77 140.8 0.0 324.8
158 67.5 0.0 192.0



#74
n-propylbenzene
Concen: 0.30 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 91 Resp: 1540
Ion Ratio Lower Upper
91 100
120 20.5 0.0 45.8

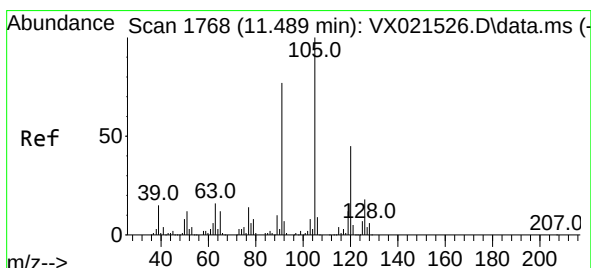
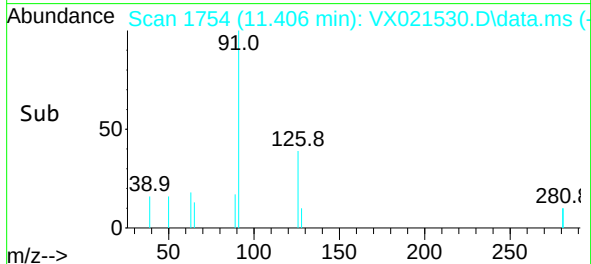
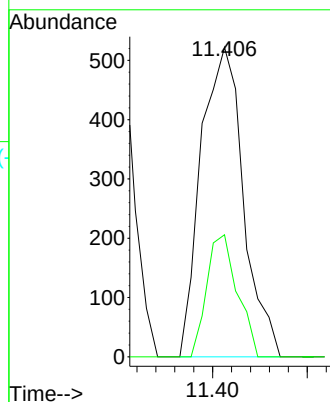
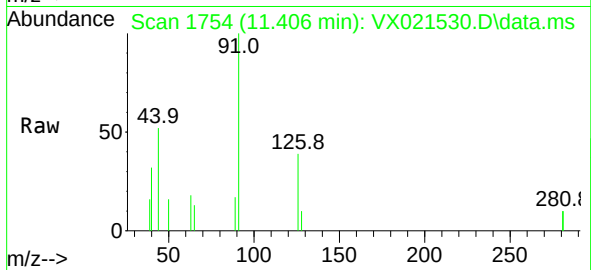




#75
2-Chlorotoluene
Concen: 0.26 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

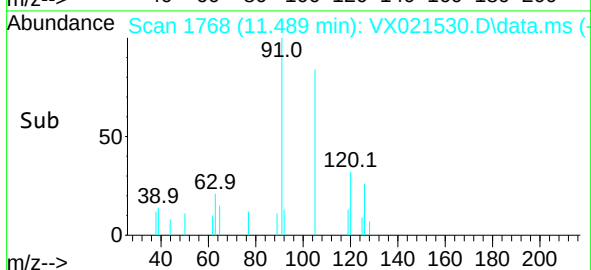
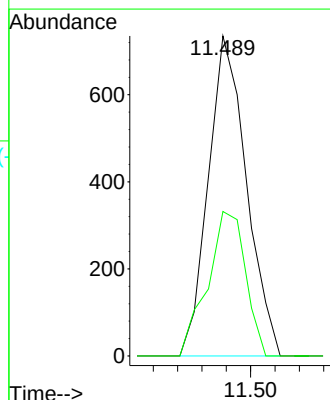
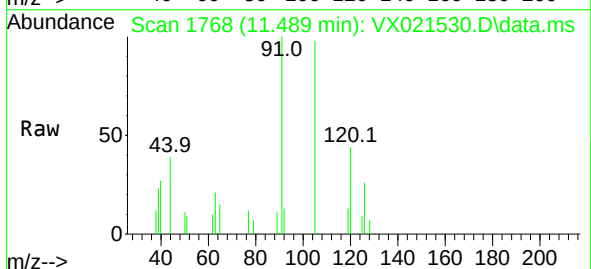
Instrument :
MSVOA_X
ClientSampled :
IBLK

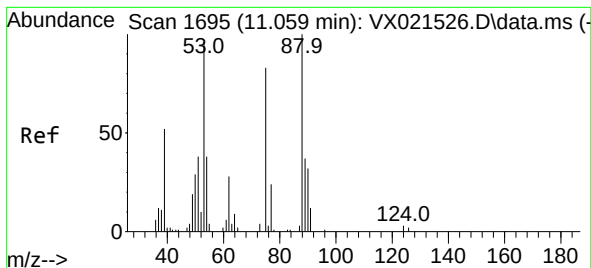
Tgt Ion: 91 Resp: 812
Ion Ratio Lower Upper
91 100
126 28.4 0.0 66.6



#76
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 105 Resp: 799
Ion Ratio Lower Upper
105 100
120 44.8 0.0 96.2

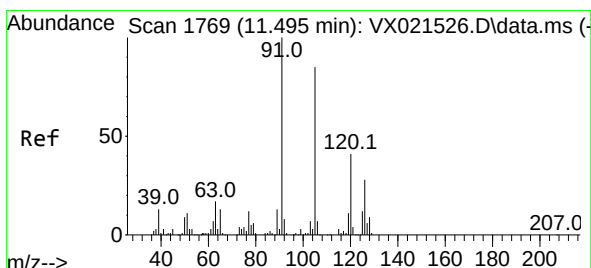
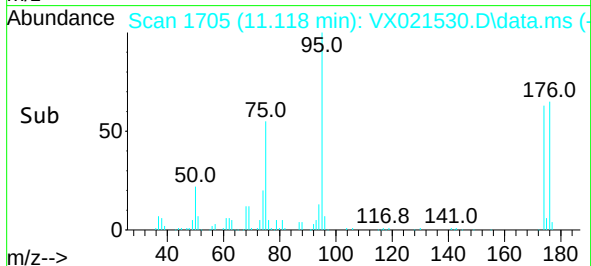
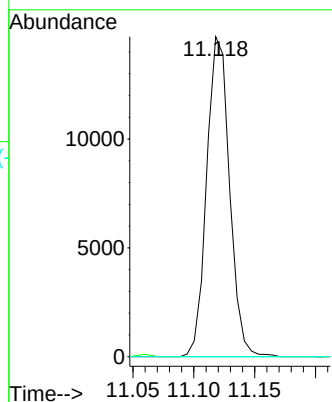
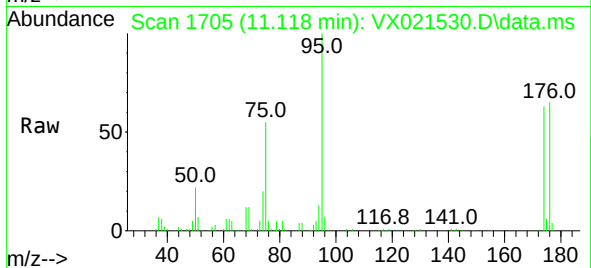




#77
t-1,4-Dichloro-2-butene
Concen: 42.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

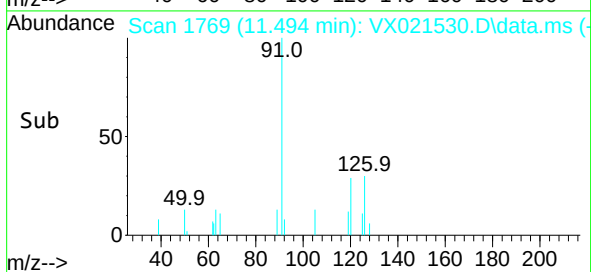
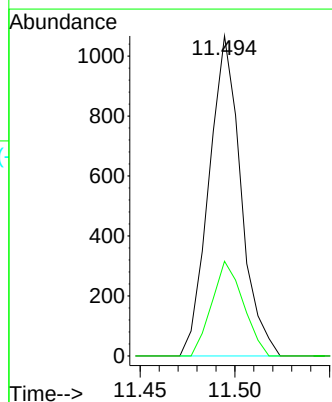
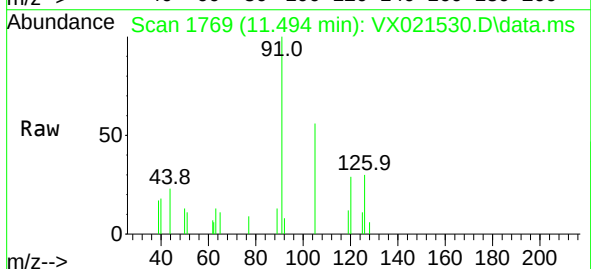
Instrument :
MSVOA_X
ClientSampled :
IBLK

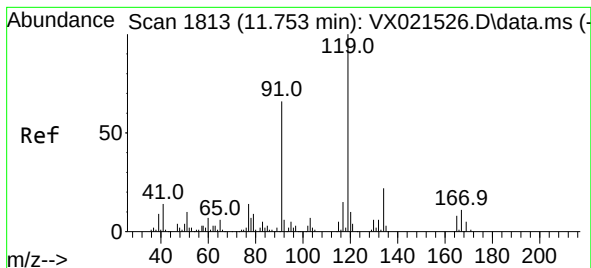
Tgt Ion: 75 Resp: 19200
Ion Ratio Lower Upper
75 100
53 0.0 48.4 145.0#
89 0.0 22.7 68.0#



#78
4-Chlorotoluene
Concen: 0.35 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion: 91 Resp: 1253
Ion Ratio Lower Upper
91 100
126 29.1 0.0 57.8

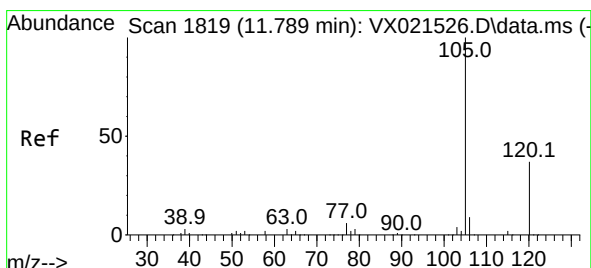
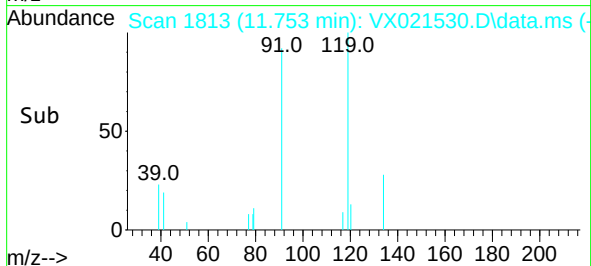
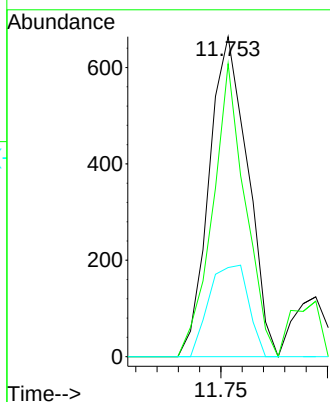
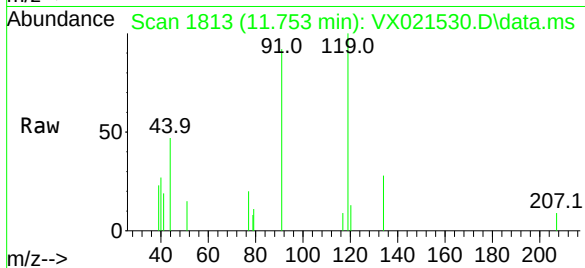




#79
tert-butylbenzene
Concen: 0.24 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

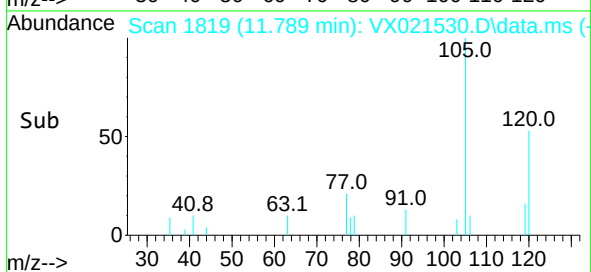
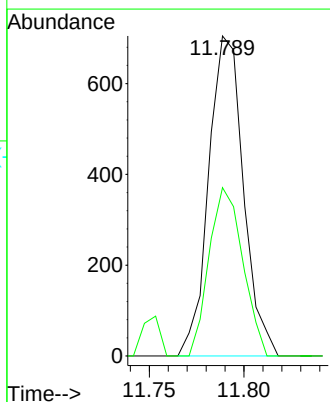
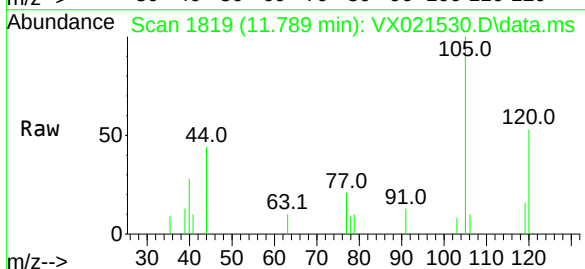
Instrument :
MSVOA_X
ClientSampled :
IBLK

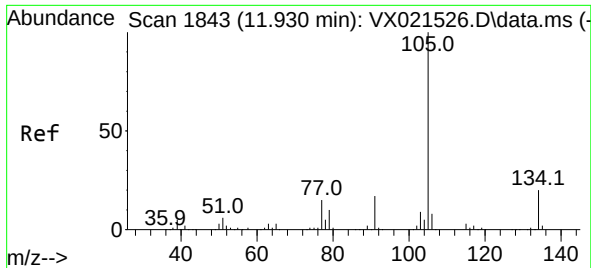
Tgt Ion:	119	Resp:	835
Ion	Ratio	Lower	Upper
119	100		
91	77.6	0.0	118.0
134	29.3	0.0	48.0



#80
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	105	Resp:	899
Ion	Ratio	Lower	Upper
105	100		
120	51.1	0.0	89.8

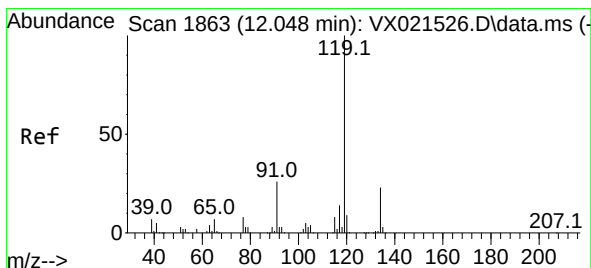
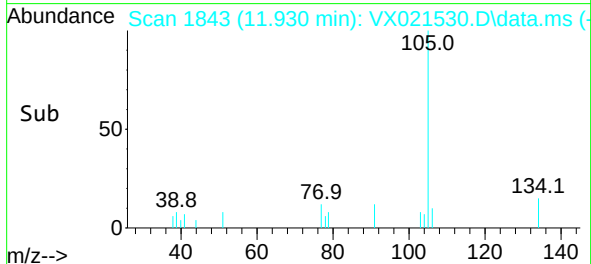
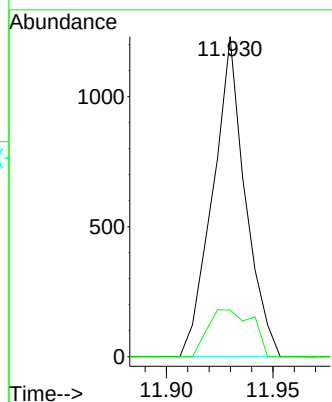
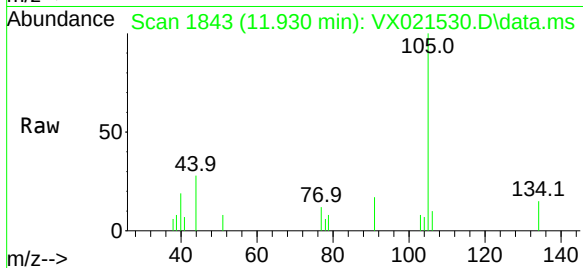




#81
 sec-Butylbenzene
 Concen: 0.32 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021530.D
 Acq: 26 Mar 2021 12:57

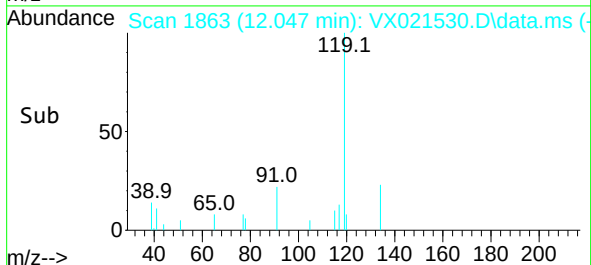
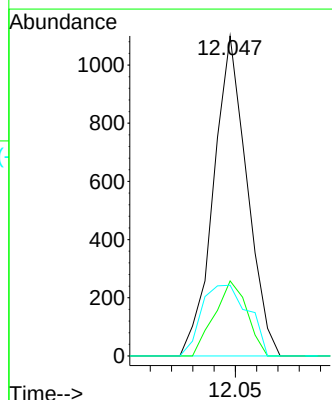
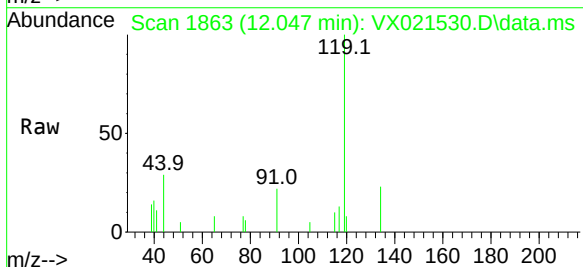
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

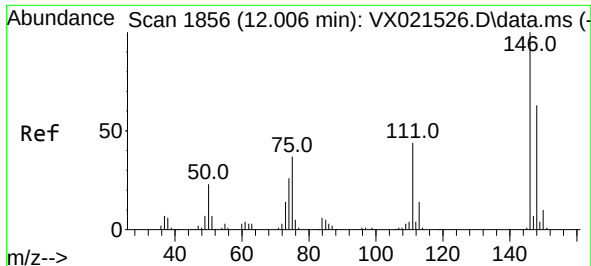
Tgt Ion:105 Resp: 1304
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 0.32 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VX021530.D
 Acq: 26 Mar 2021 12:57

Tgt Ion:119 Resp: 1199
 Ion Ratio Lower Upper
 119 100
 134 22.9 0.0 52.8
 91 30.9 0.0 47.4

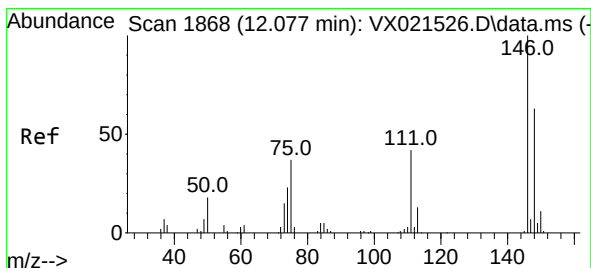
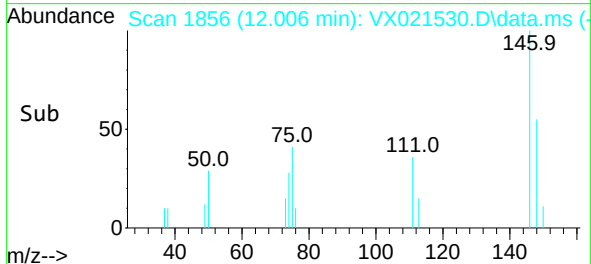
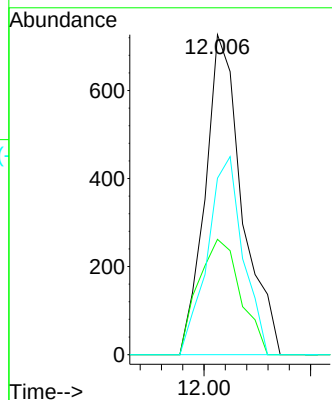
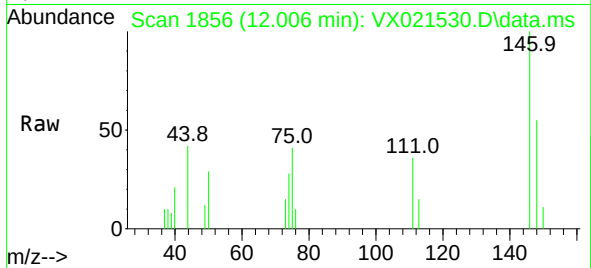




#83
1,3-Dichlorobenzene
Concen: 0.47 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

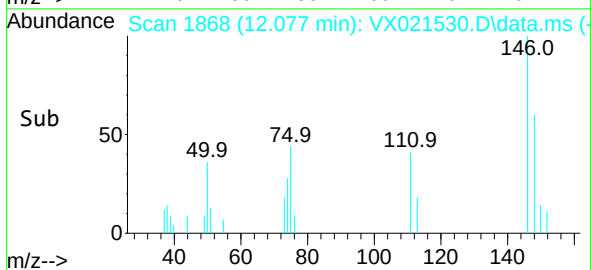
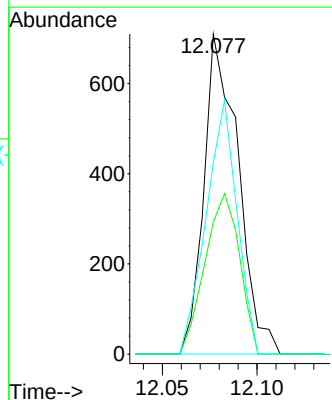
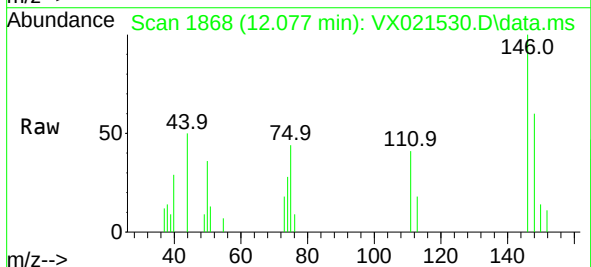
Instrument :
MSVOA_X
ClientSampled :
IBLK

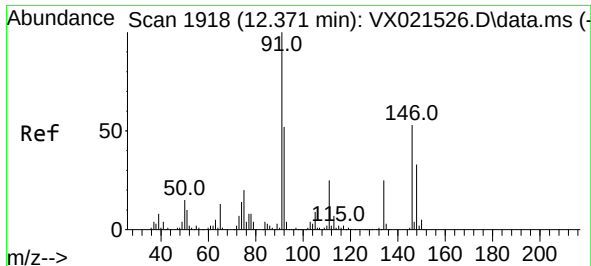
Tgt Ion:146 Resp: 875
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 59.4 31.9 95.9



#84
1,4-Dichlorobenzene
Concen: 0.48 ug/l
RT: 12.077 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:146 Resp: 890
Ion Ratio Lower Upper
146 100
111 50.7 19.1 57.3
148 71.8 31.9 95.5

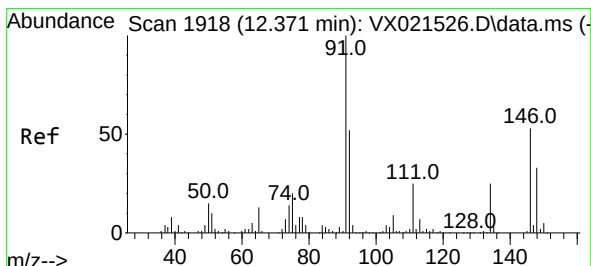
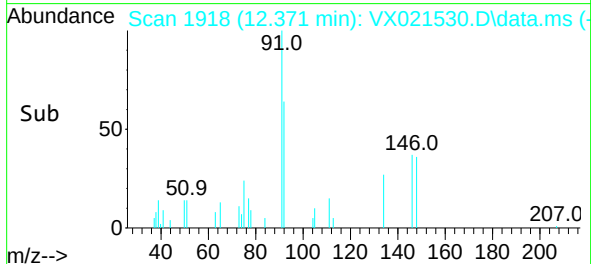
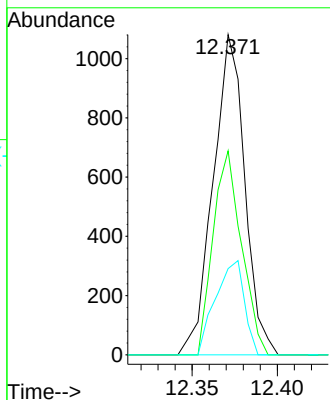
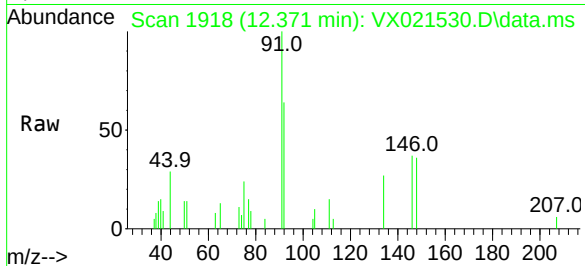




#85
n-Butylbenzene
Concen: 0.42 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

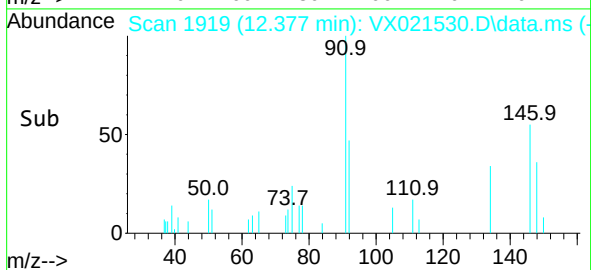
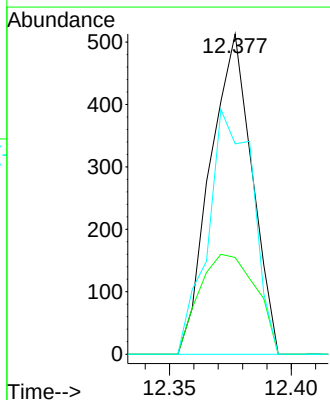
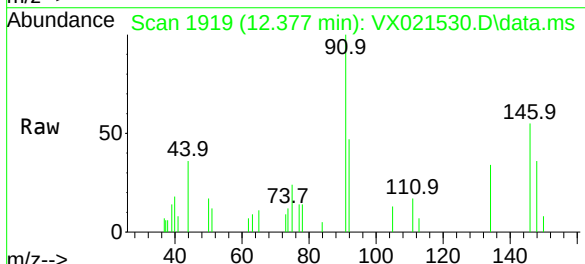
Instrument :
MSVOA_X
ClientSampled :
IBLK

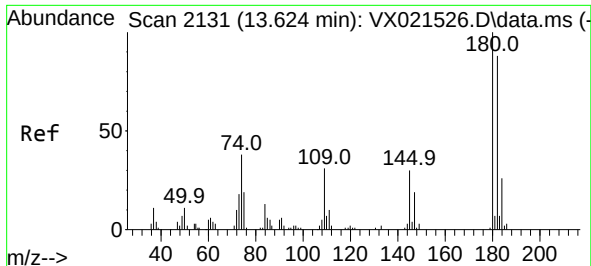
Tgt Ion:	91	Resp:	1397
Ion	Ratio	Lower	Upper
91	100		
92	57.1	0.0	109.0
134	26.7	0.0	51.8



#87
1,2-Dichlorobenzene
Concen: 0.33 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:	146	Resp:	613
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	81.7	32.4	97.0

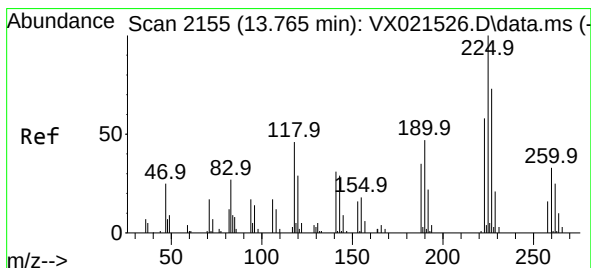
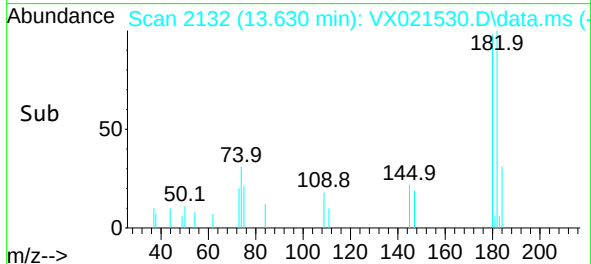
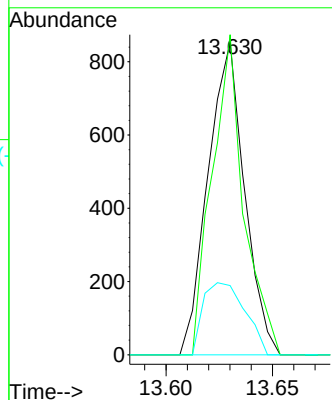
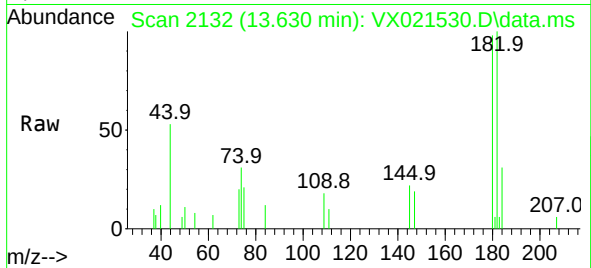




#89
1,2,4-Trichlorobenzene
Concen: 0.88 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

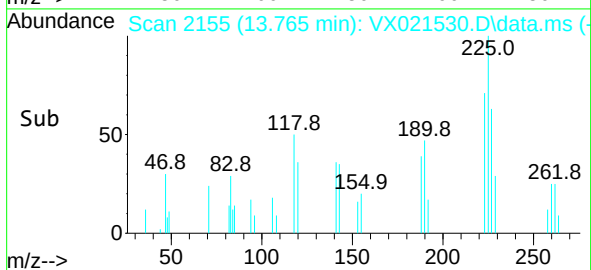
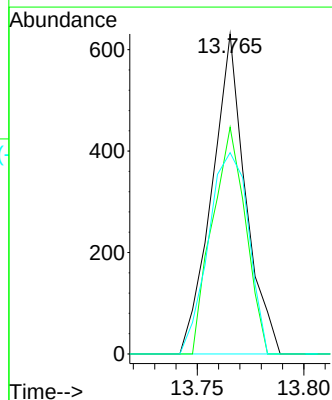
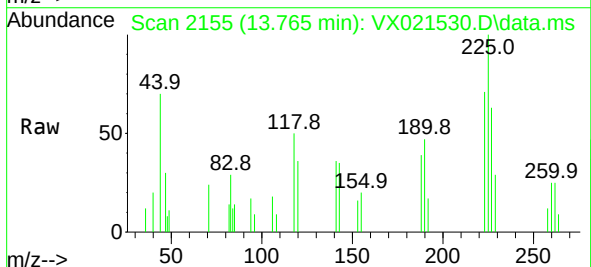
Instrument :
MSVOA_X
ClientSampled :
IBLK

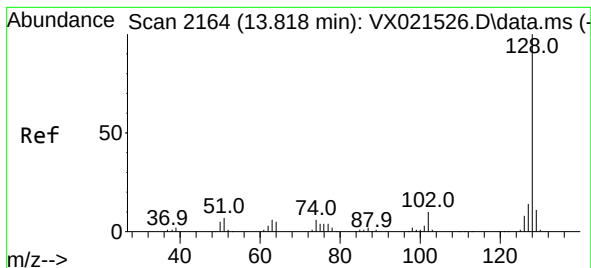
Tgt Ion:180 Resp: 1016
Ion Ratio Lower Upper
180 100
182 88.9 77.9 116.9
145 26.6 24.3 36.5



#90
Hexachlorobutadiene
Concen: 1.41 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:225 Resp: 689
Ion Ratio Lower Upper
225 100
223 70.4 0.0 129.4
227 75.5 0.0 130.4

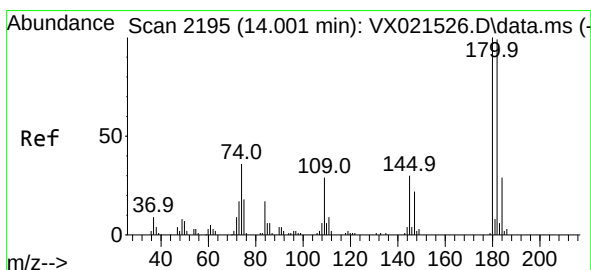
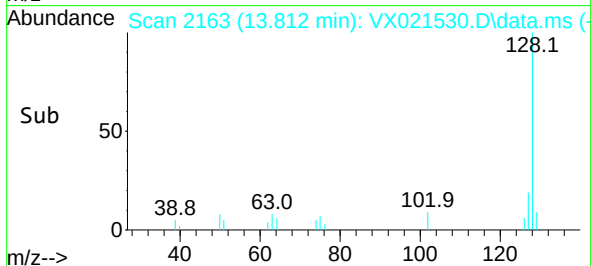
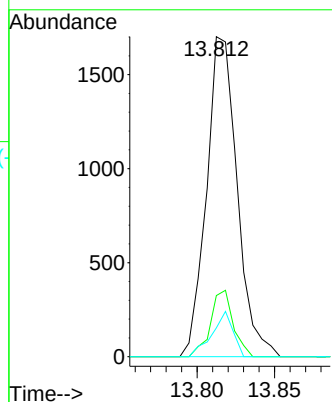
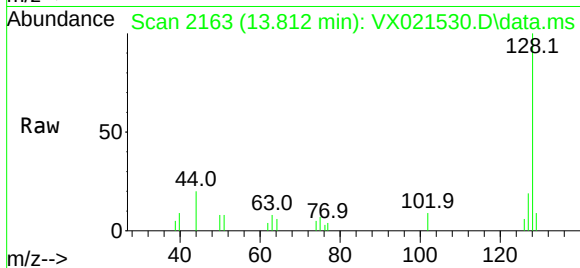




#91
Naphthalene
Concen: 0.61 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:128	Resp:	2344
Ion Ratio	Lower	Upper
128	100	
127	15.4	10.2 15.4
129	9.7	8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 0.90 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VX021530.D
Acq: 26 Mar 2021 12:57

Tgt Ion:180	Resp:	1039
Ion Ratio	Lower	Upper
180	100	
182	81.9	0.0 192.4
145	40.2	0.0 66.4

