

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039018.D
 Acq On : 24 Nov 2023 11:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 27 03:26:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	10688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85835	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102400	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44981	30.763	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.533%	
60) 4-Bromofluorobenzene	11.079	95	64402	28.795	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.967%	
63) Toluene-d8	8.647	98	122497	30.257	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	560	0.350	ug/l #	56
3) Chloromethane	1.295	50	496	0.271	ug/l	96
5) Bromomethane	1.624	94	376	0.332	ug/l	87
7) Trichlorofluoromethane	1.892	101	1061	0.416	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	573	0.397	ug/l	84
10) 1,1-Dichloroethene	2.325	96	617	0.424	ug/l	84
11) Methyl Iodide	2.459	142	435	0.273	ug/l #	78
12) Methyl Acetate	2.709	43	924	0.204	ug/l #	76
13) Acrolein	2.233	56	716	1.803	ug/l #	72
14) Acrylonitrile	3.075	53	1964	1.771	ug/l	97
15) Acetone	2.380	58	239	0.593	ug/l #	48
16) Carbon Disulfide	2.514	76	7887	1.791	ug/l	100
18) Methylene Chloride	2.788	84	1110	0.644	ug/l #	80
19) trans-1,2-Dichloroethene	3.087	96	1097	0.667	ug/l #	62
38) Methylcyclohexane	7.379	83	1122	0.374	ug/l	89
48) t-1,3-Dichloropropene	8.988	75	748	0.257	ug/l #	79
49) cis-1,3-Dichloropropene	8.373	75	639	0.213	ug/l	95
54) 1,2-Dibromoethane	9.616	107	430	0.221	ug/l	94
61) Tetrachloroethene	9.269	164	672	0.505	ug/l #	91
62) Toluene	8.720	91	1776	0.244	ug/l	99
64) Chlorobenzene	10.073	112	1389	0.314	ug/l #	86
66) Ethyl Benzene	10.195	91	2290	0.277	ug/l	90
67) m/p-Xylenes	10.305	106	1849	0.604	ug/l	86
68) o-Xylene	10.647	106	715	0.241	ug/l	97
69) Styrene	10.659	104	1209	0.276	ug/l	99
70) Isopropylbenzene	10.964	105	2226	0.281	ug/l	98
73) Bromobenzene	11.201	156	628	0.348	ug/l	91
74) n-propylbenzene	11.305	91	3812	0.392	ug/l	99
75) 2-Chlorotoluene	11.366	91	1971	0.346	ug/l	94
76) 1,3,5-Trimethylbenzene	11.451	105	2405	0.352	ug/l	96
78) 4-Chlorotoluene	11.457	91	3241	0.484	ug/l	95
79) tert-butylbenzene	11.713	119	1659	0.255	ug/l	87
80) 1,2,4-Trimethylbenzene	11.750	105	2635	0.385	ug/l	99
81) sec-Butylbenzene	11.890	105	3113	0.379	ug/l	94
82) p-Isopropyltoluene	12.012	119	3017	0.434	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	1940	0.562	ug/l	94
84) 1,4-Dichlorobenzene	12.043	146	2292	0.647	ug/l	98
85) n-Butylbenzene	12.335	91	4240	0.617	ug/l	92
86) Hexachloroethane	12.536	117	301	0.228	ug/l #	57

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QLast Update : Mon Nov 27 03:22:25 2023
Response via : Initial Calibration

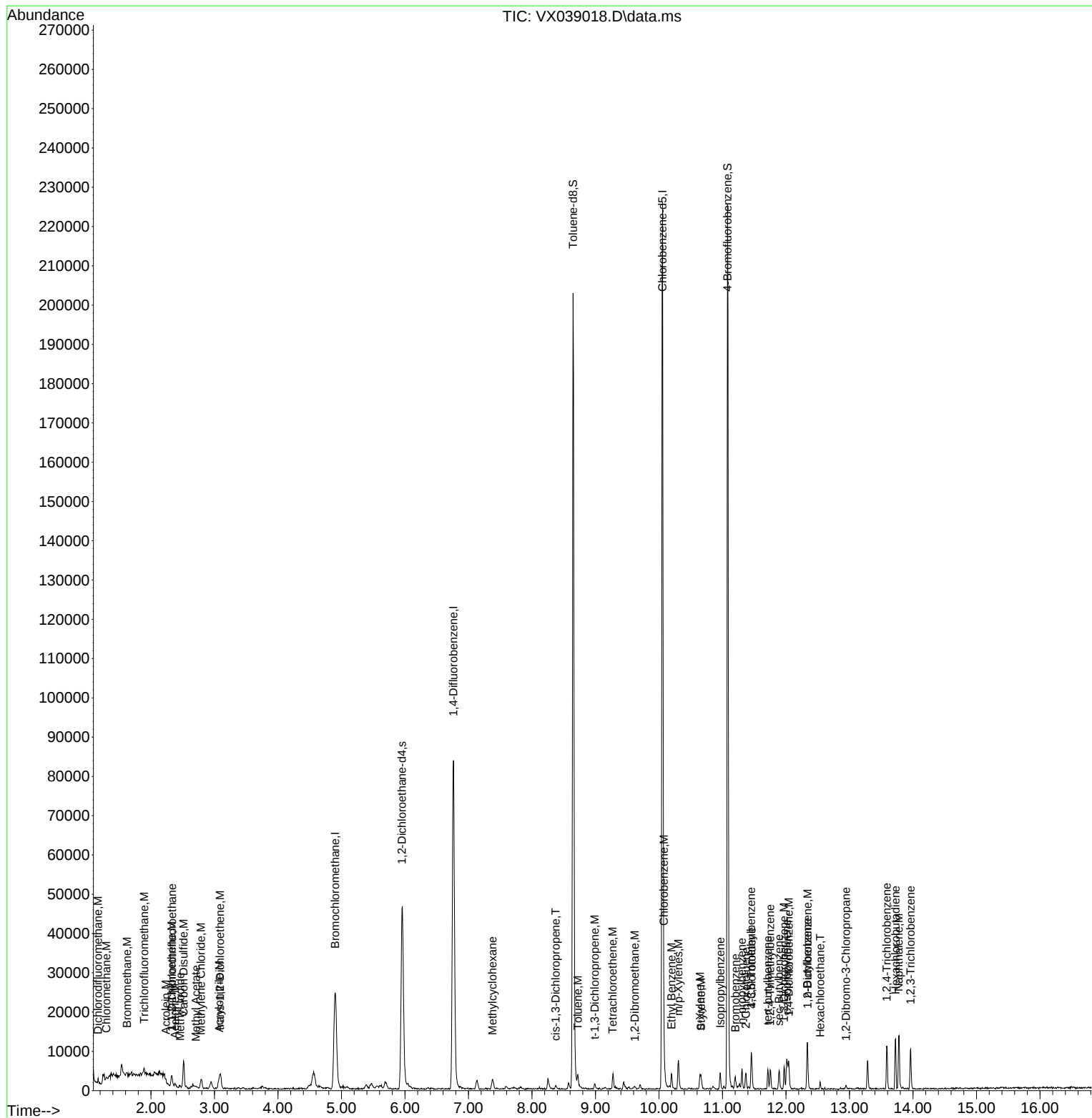
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2-Dichlorobenzene	12.341	146	1610	0.485	ug/l	89
88) 1,2-Dibromo-3-Chloropr...	12.945	75	201	0.266	ug/l	86
89) 1,2,4-Trichlorobenzene	13.585	180	2719	1.235	ug/l	95
90) Hexachlorobutadiene	13.725	225	1680	2.136	ug/l	91
91) Naphthalene	13.774	128	9291	1.144	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	2418	1.134	ug/l	94

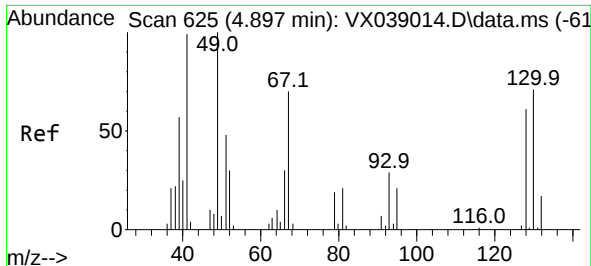
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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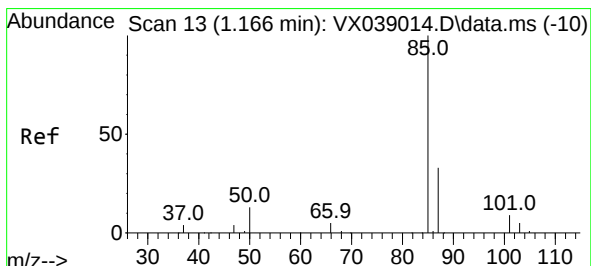
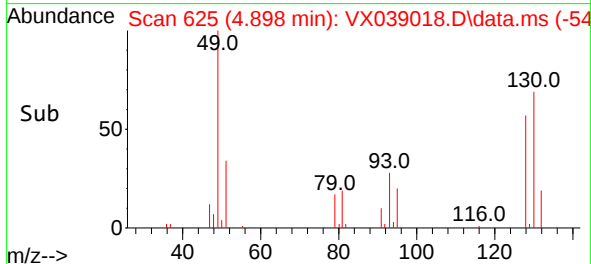
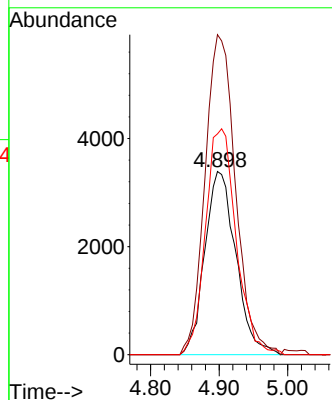
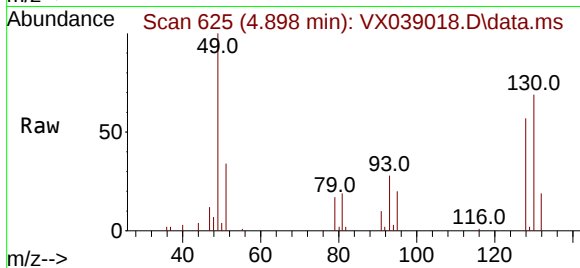




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
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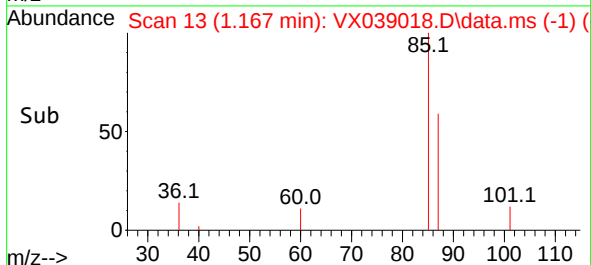
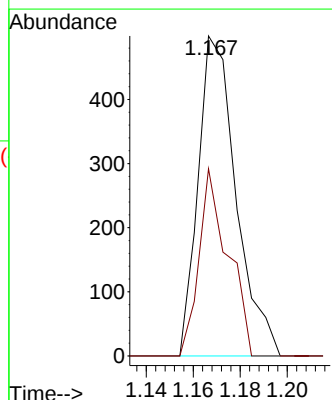
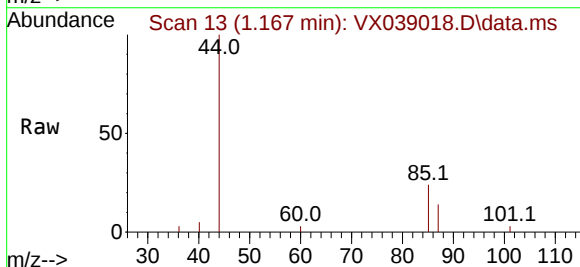
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MSVOA_X
ClientSampleId :
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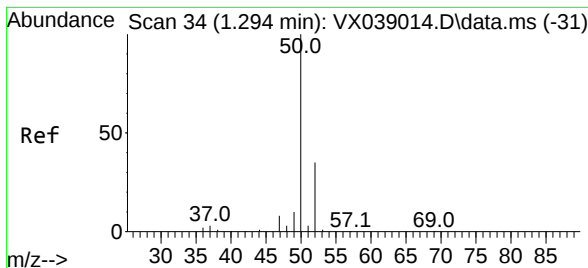
Tgt Ion:128 Resp: 10688
Ion Ratio Lower Upper
128 100
49 171.0 0.0 444.0
130 121.5 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 0.350 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 85 Resp: 560
Ion Ratio Lower Upper
85 100
87 58.5 16.7 50.1#

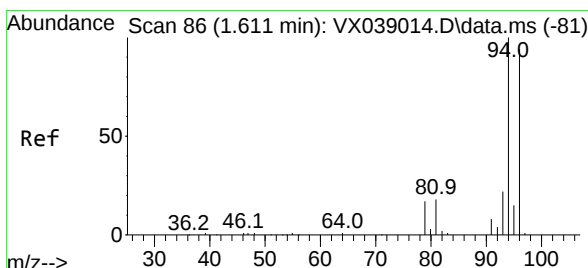
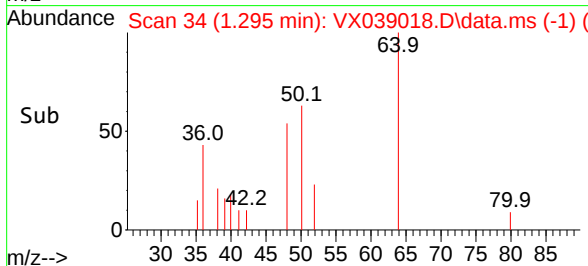
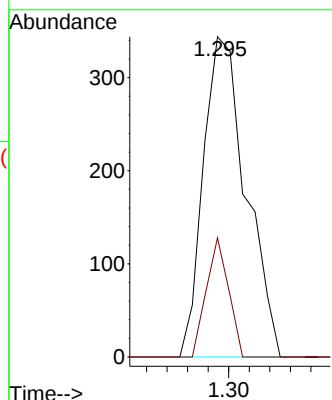
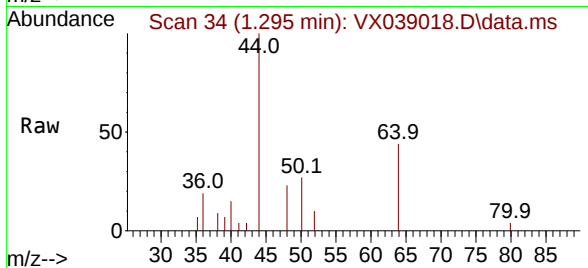




#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

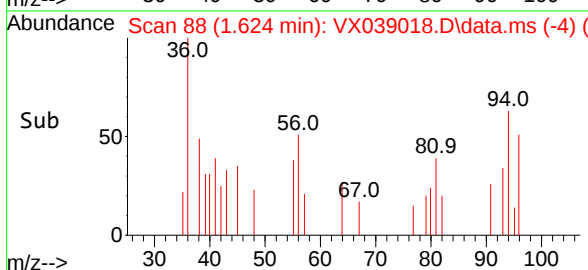
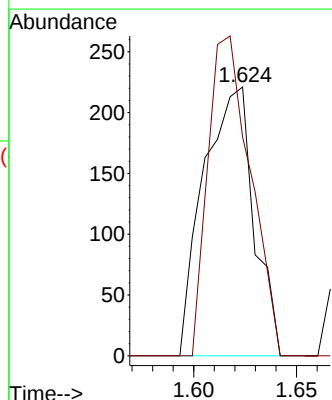
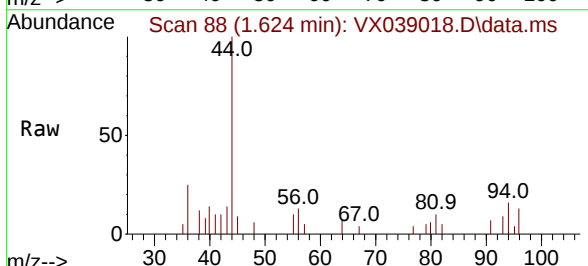
Instrument :
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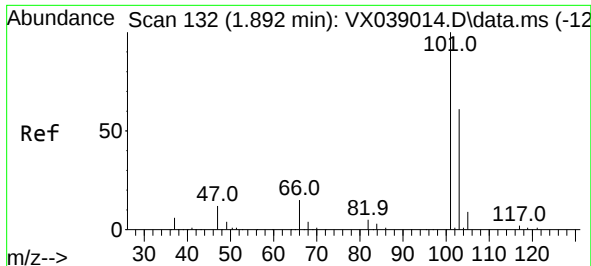
Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 37.2 27.8 41.8



#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 81.4 74.9 112.3

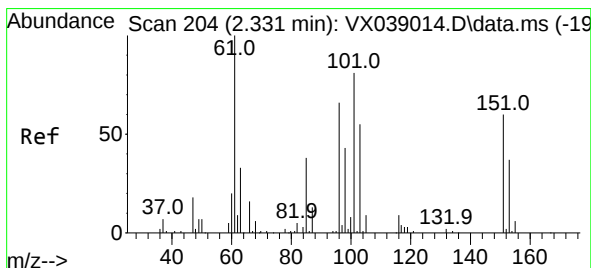
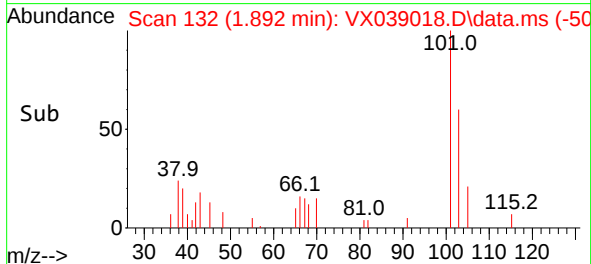
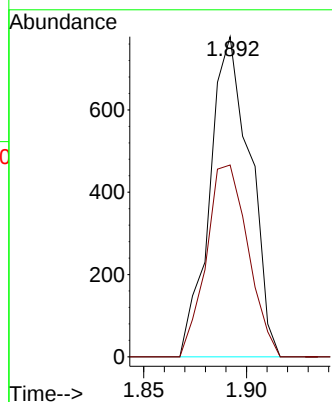
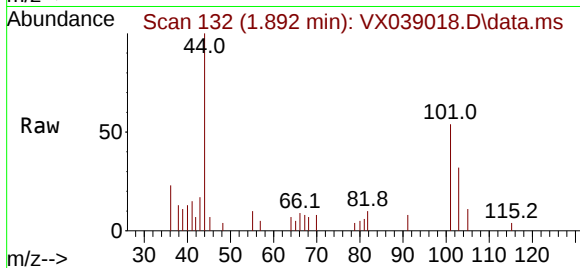




#7
Trichlorofluoromethane
Concen: 0.416 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

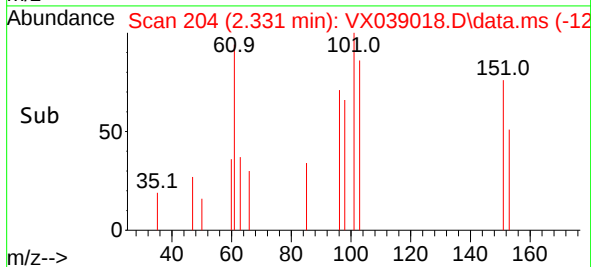
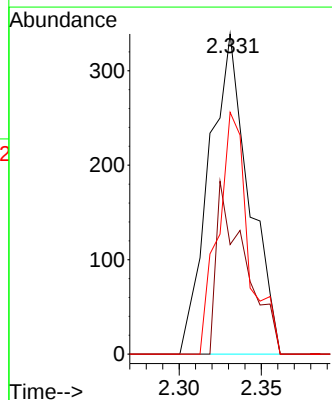
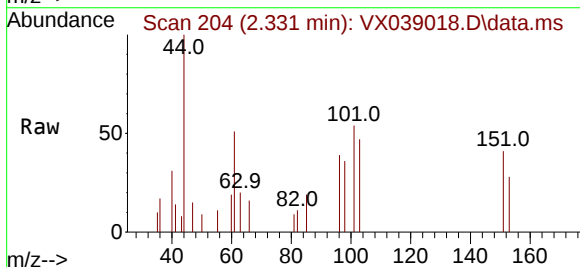
Instrument :
MSVOA_X
ClientSampleId :
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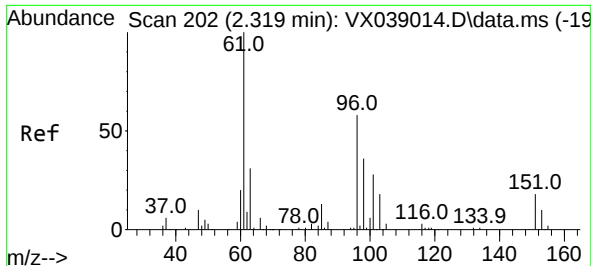
Tgt Ion:101 Resp: 1061
Ion Ratio Lower Upper
101 100
103 59.9 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.397 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:101 Resp: 573
Ion Ratio Lower Upper
101 100
85 39.1 0.0 95.2
151 54.1 0.0 136.8

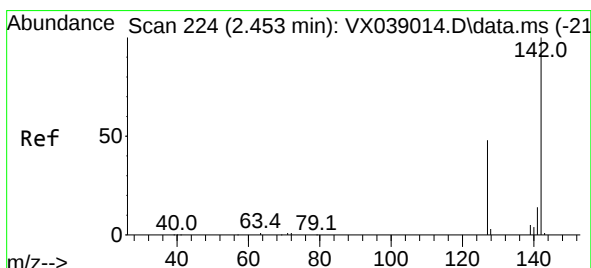
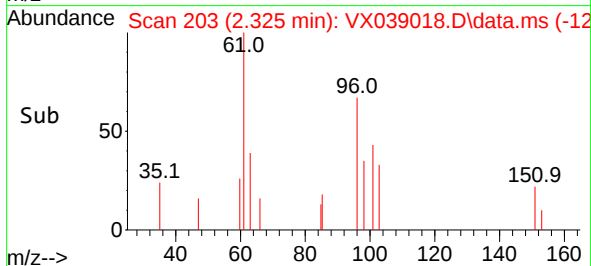
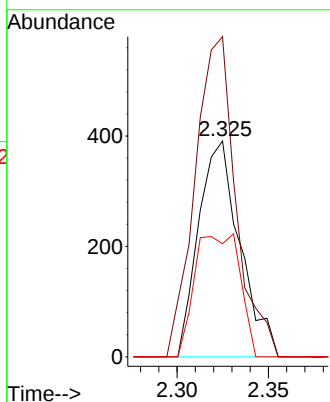
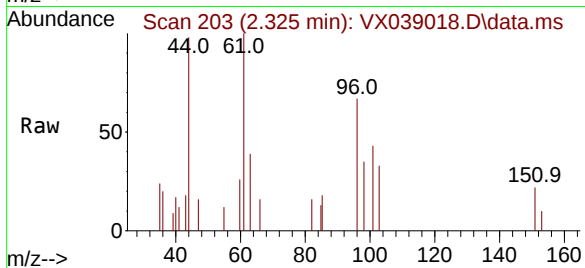




#10
1,1-Dichloroethene
Concen: 0.424 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

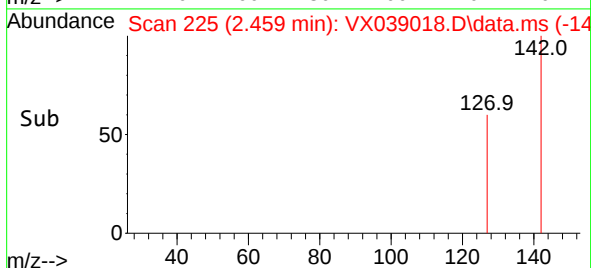
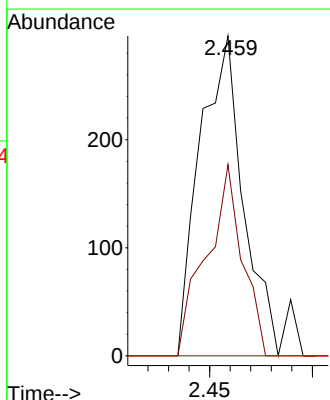
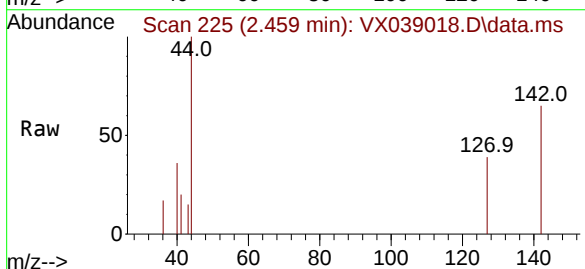
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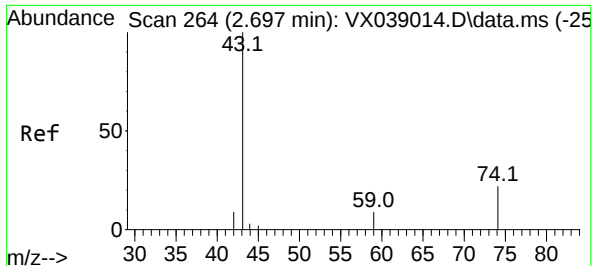
Tgt Ion: 96	Resp:	617
Ion	Ratio	Lower Upper
96	100	
61	148.3	138.3 207.5
98	52.4	49.8 74.6



#11
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 142	Resp:	435
Ion	Ratio	Lower Upper
142	100	
127	59.8	23.8 71.4
141	0.0	6.9 20.6

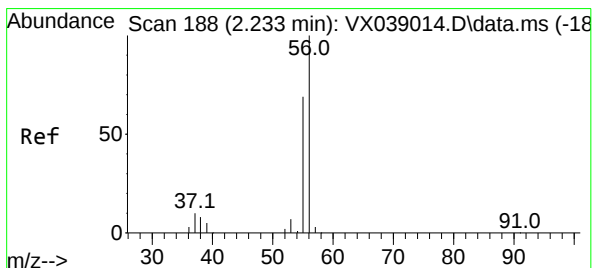
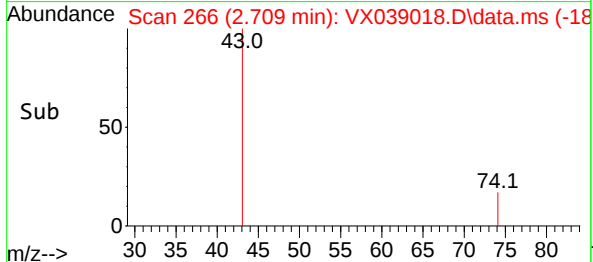
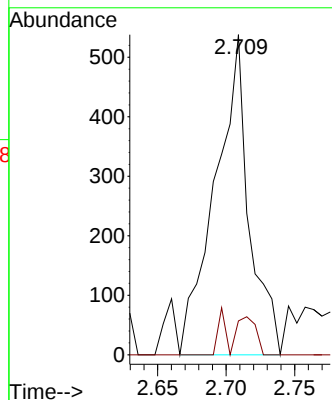
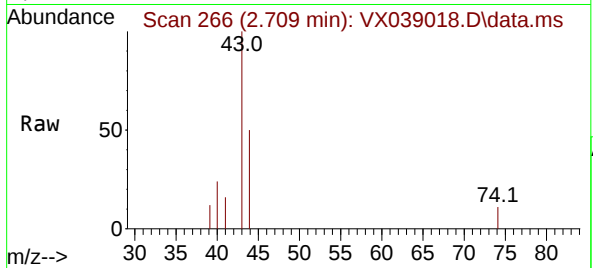




#12
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

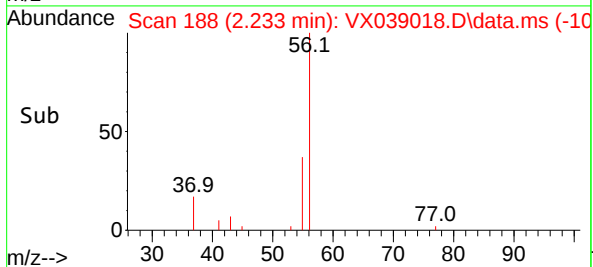
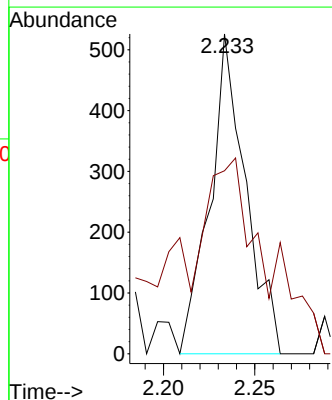
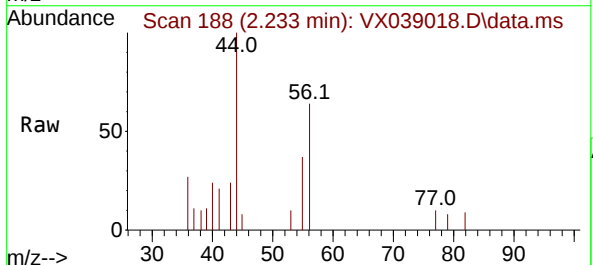
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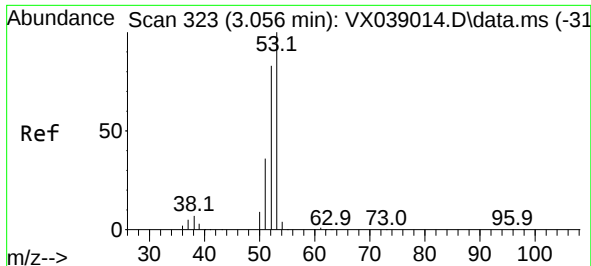
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
74 10.6 17.8 26.6#



#13
Acrolein
Concen: 1.803 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 56 Resp: 716
Ion Ratio Lower Upper
56 100
55 48.6 57.2 85.8#

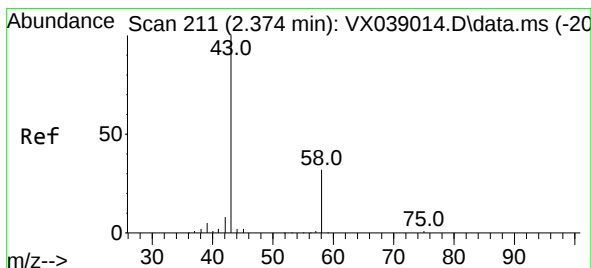
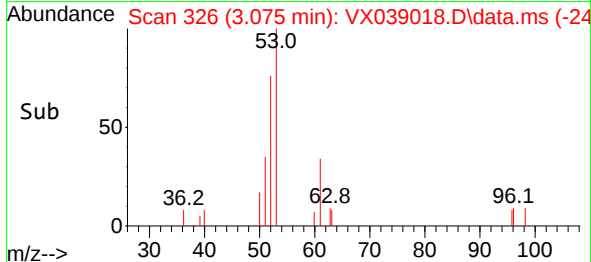
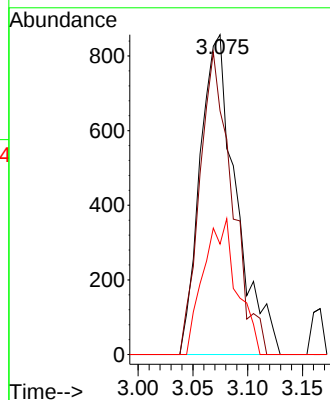
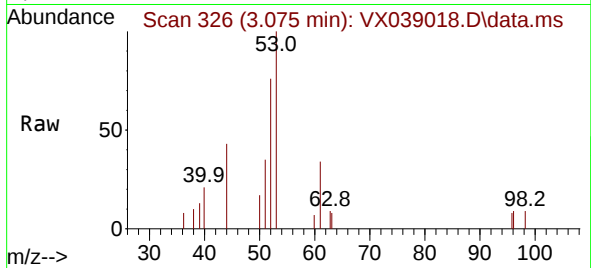




#14
Acrylonitrile
Concen: 1.771 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

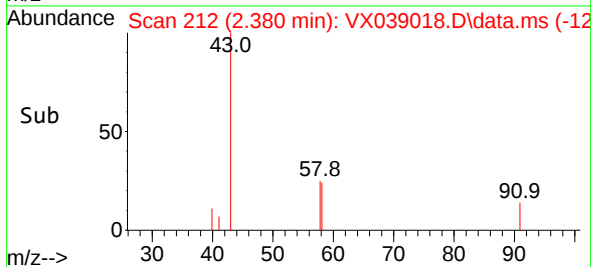
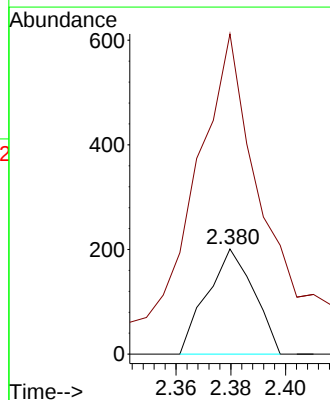
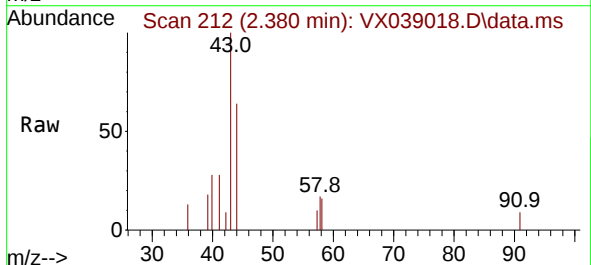
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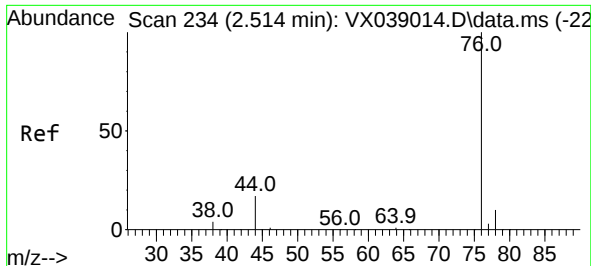
Tgt Ion: 53	Resp:	1964	
Ion	Ratio	Lower	Upper
53	100		
52	81.3	41.9	125.6
51	39.2	18.3	54.9



#15
Acetone
Concen: 0.593 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039018.D
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Tgt Ion: 58	Resp:	239	
Ion	Ratio	Lower	Upper
58	100		
43	208.0	249.9	374.9#

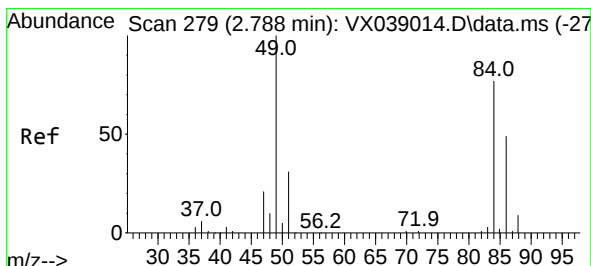
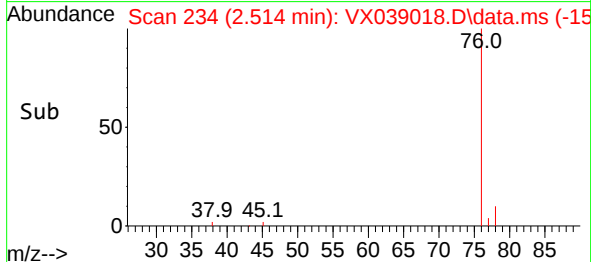
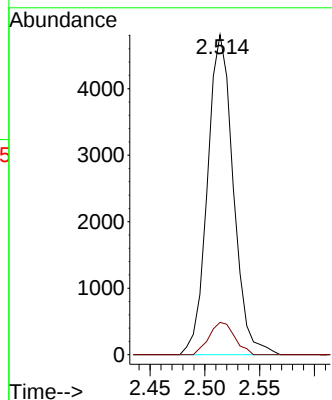
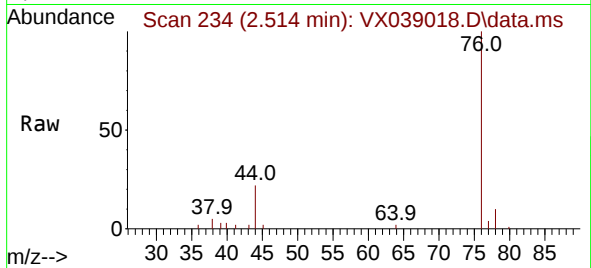




#16
Carbon Disulfide
Concen: 1.791 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

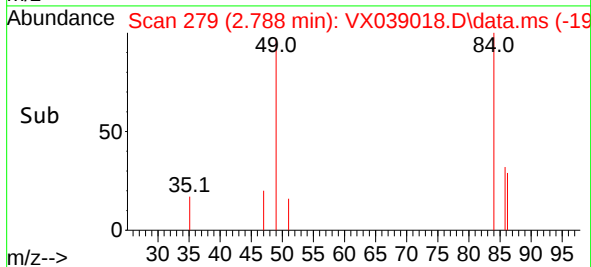
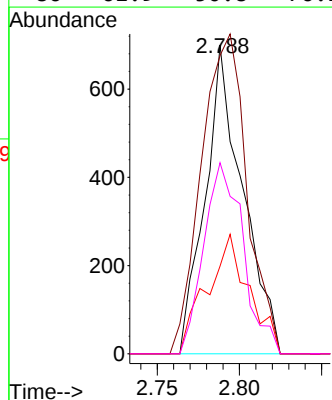
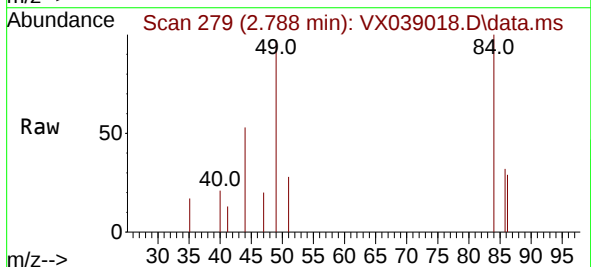
Instrument :
MSVOA_X
ClientSampleId :
IBLK

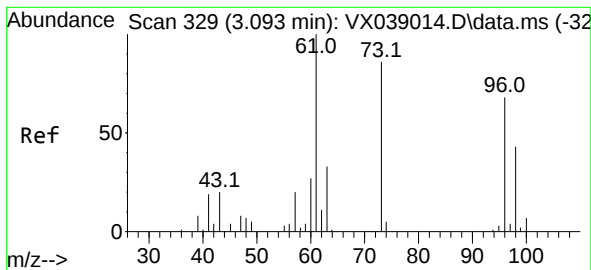
Tgt Ion: 76 Resp: 7887
Ion Ratio Lower Upper
76 100
78 10.1 8.0 12.0



#18
Methylene Chloride
Concen: 0.644 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 84 Resp: 1110
Ion Ratio Lower Upper
84 100
49 96.6 103.8 155.8#
51 28.4 31.8 47.6#
86 61.9 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 0.667 ug/l

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

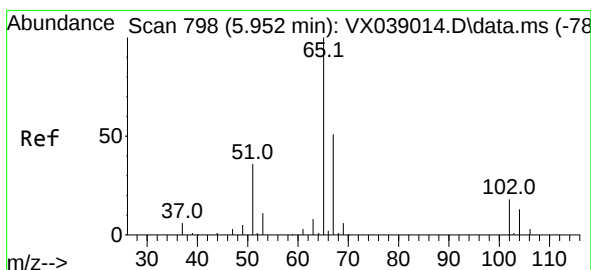
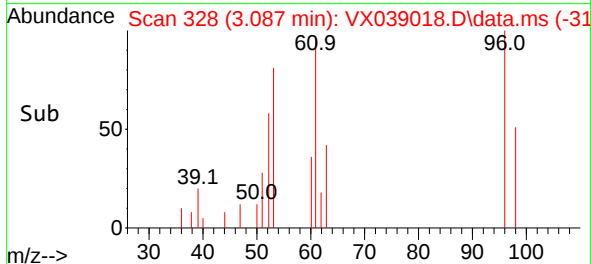
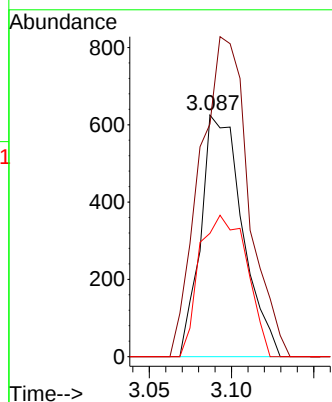
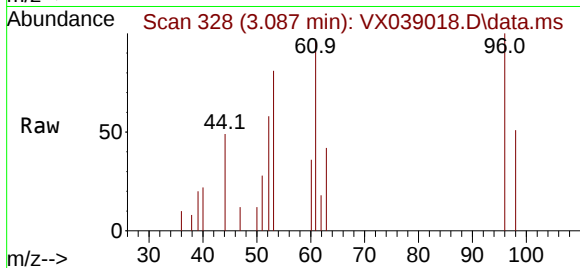
Tgt Ion: 96 Resp: 1097

Ion Ratio Lower Upper

96 100

61 87.5 117.9 176.9#

98 51.0 51.0 76.6



#27

1,2-Dichloroethane-d4

Concen: 30.763 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039018.D

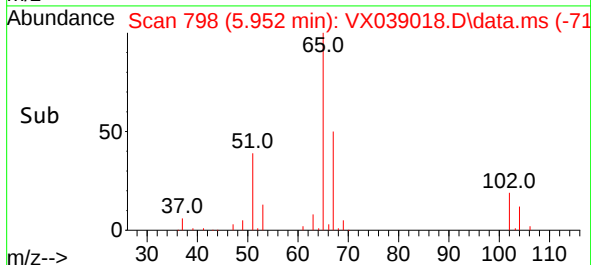
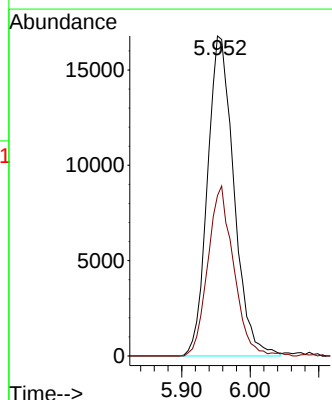
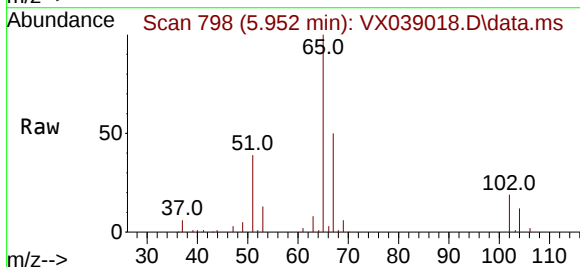
Acq: 24 Nov 2023 11:16

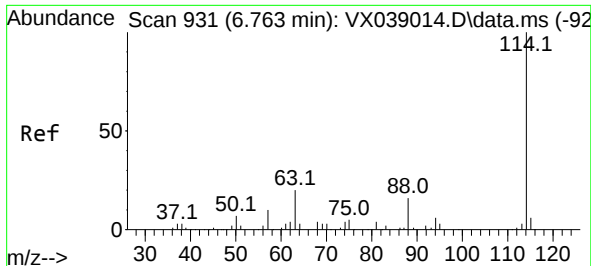
Tgt Ion: 65 Resp: 44981

Ion Ratio Lower Upper

65 100

67 51.3 42.5 63.7

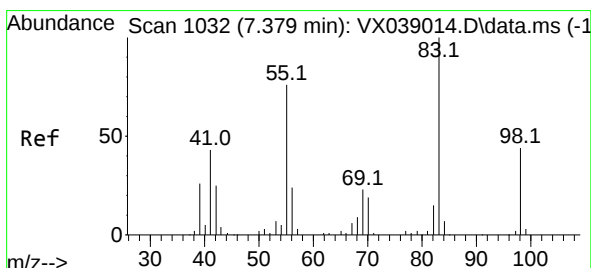
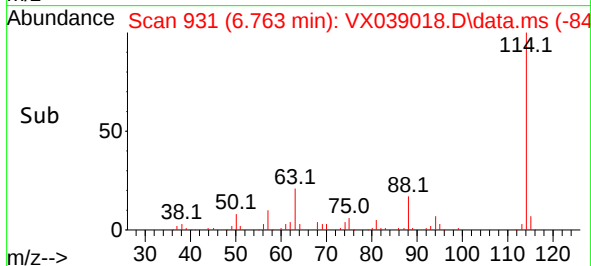
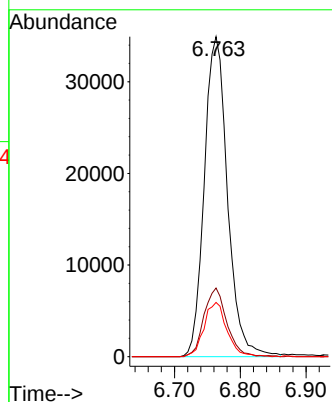
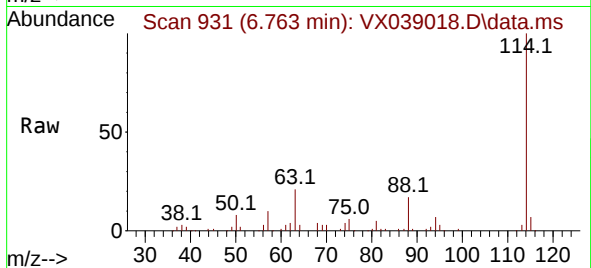




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

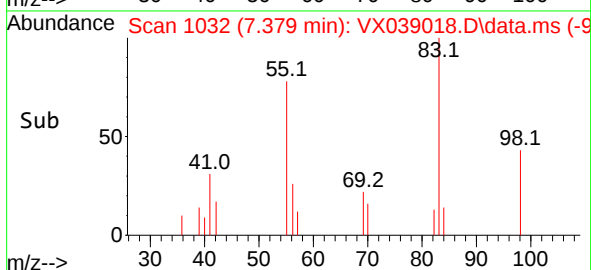
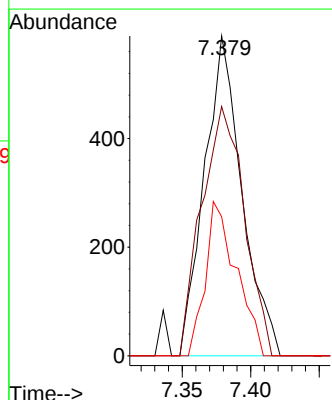
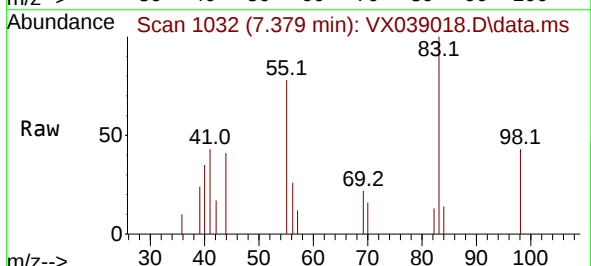
Instrument :
MSVOA_X
ClientSampleId :
IBLK

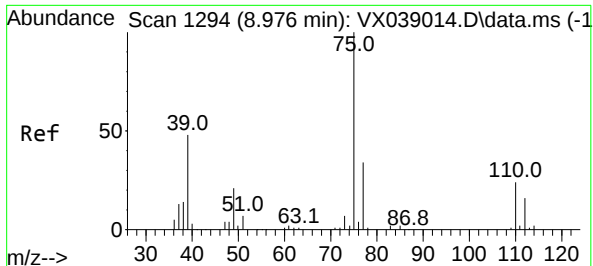
Tgt Ion:114 Resp: 85835
Ion Ratio Lower Upper
114 100
63 21.1 17.0 25.4
88 16.6 12.7 19.1



#38
Methylcyclohexane
Concen: 0.374 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 83 Resp: 1122
Ion Ratio Lower Upper
83 100
55 88.6 38.6 116.0
98 39.8 22.3 66.8





#48

t-1,3-Dichloropropene

Concen: 0.257 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

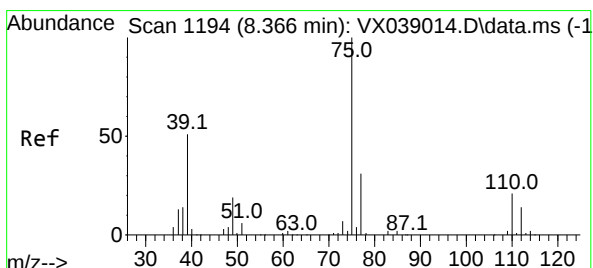
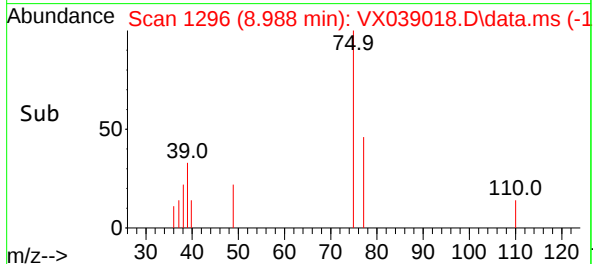
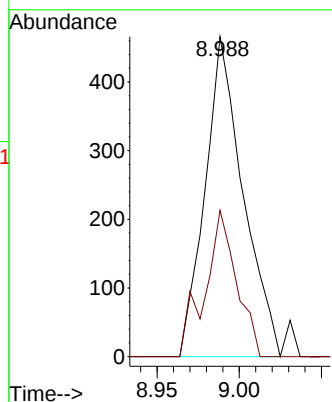
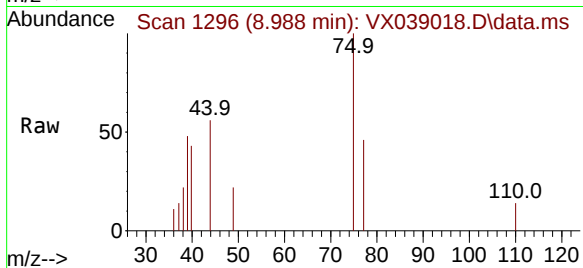
IBLK

Tgt Ion: 75 Resp: 748

Ion Ratio Lower Upper

75 100

77 45.7 26.8 40.2#



#49

cis-1,3-Dichloropropene

Concen: 0.213 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

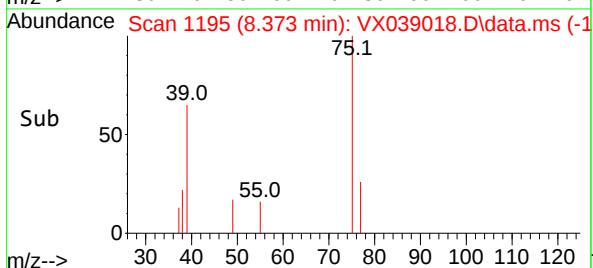
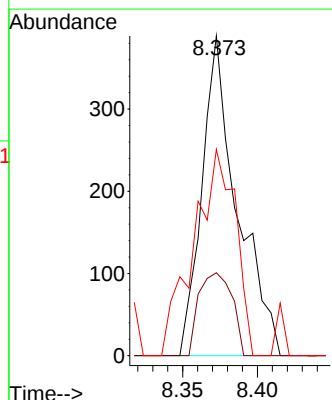
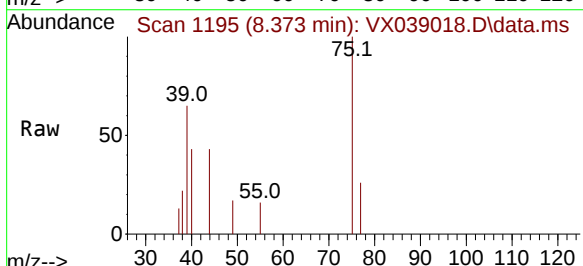
Tgt Ion: 75 Resp: 639

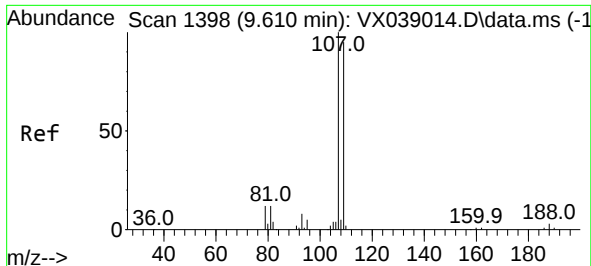
Ion Ratio Lower Upper

75 100

77 26.0 24.4 36.6

39 48.1 40.6 60.8

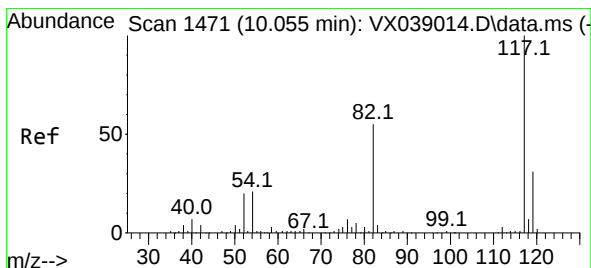
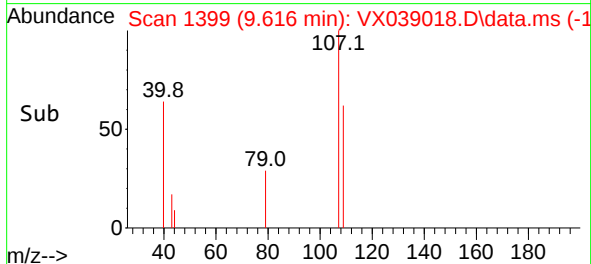
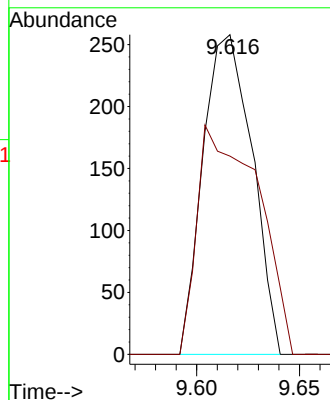
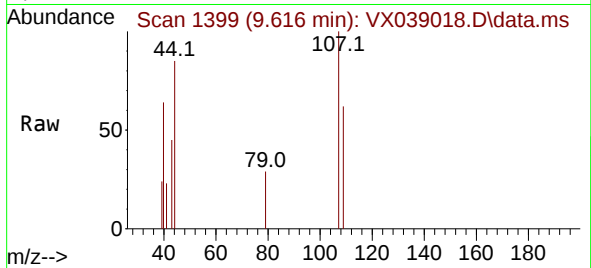




#54
1,2-Dibromoethane
Concen: 0.221 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

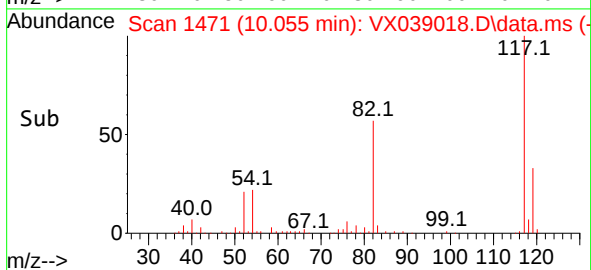
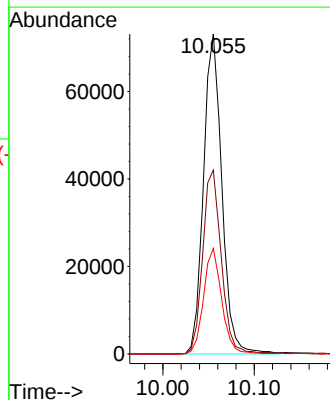
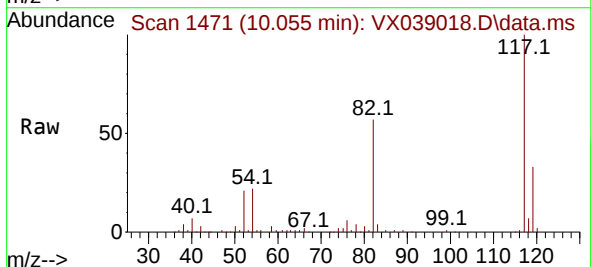
Instrument :
MSVOA_X
ClientSampleId :
IBLK

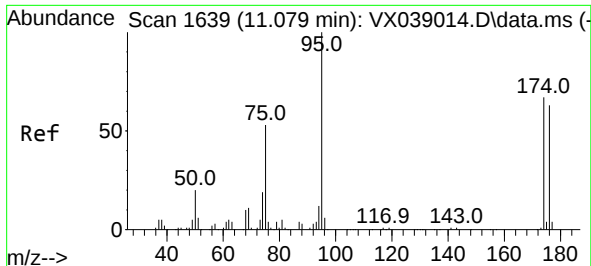
Tgt Ion:107 Resp: 430
Ion Ratio Lower Upper
107 100
109 88.4 75.1 112.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:117 Resp: 102400
Ion Ratio Lower Upper
117 100
82 57.8 47.0 70.6
119 32.5 25.2 37.8

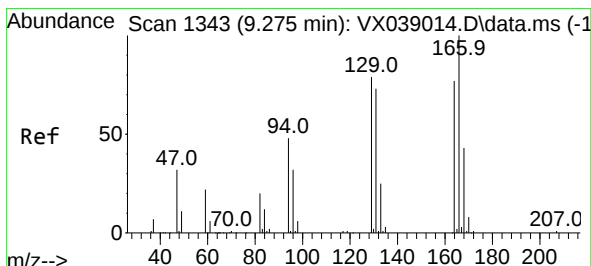
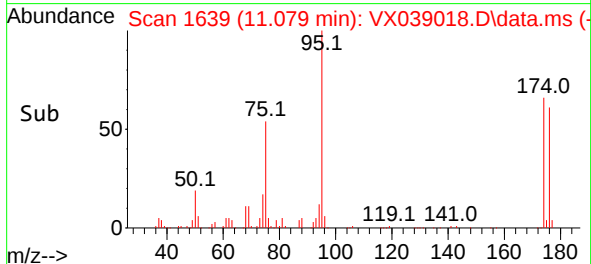
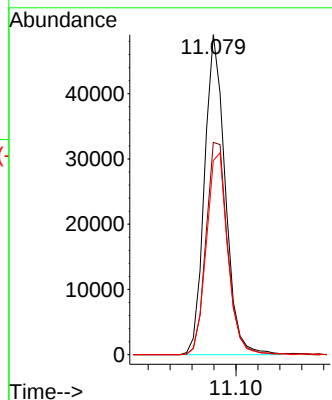
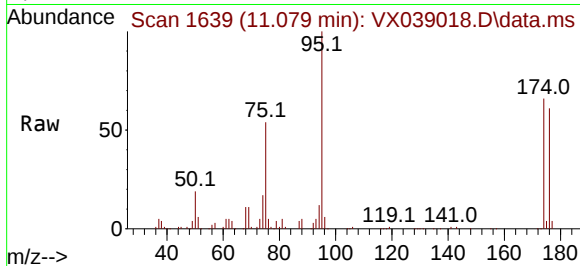




#60
4-Bromofluorobenzene
Concen: 28.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

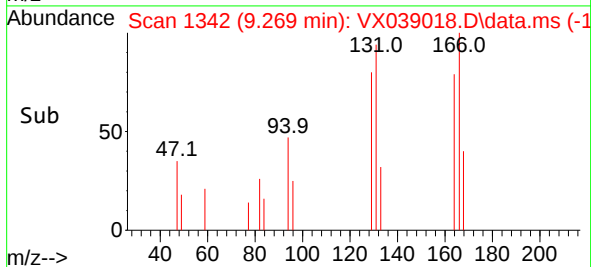
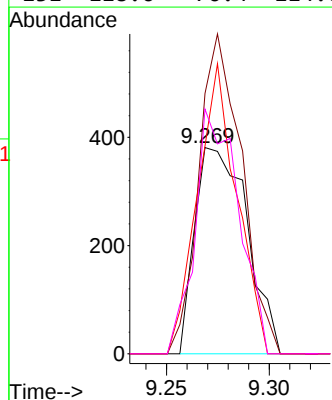
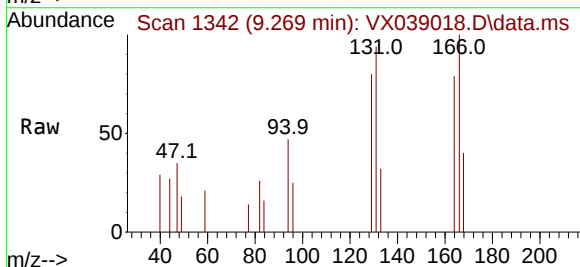
Instrument :
MSVOA_X
ClientSampleId :
IBLK

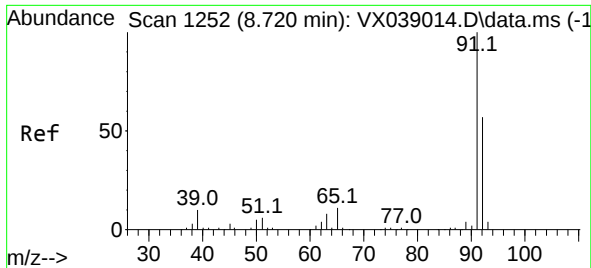
Tgt Ion: 95 Resp: 64402
Ion Ratio Lower Upper
95 100
174 69.2 55.4 83.2
176 65.2 52.6 78.8



#61
Tetrachloroethene
Concen: 0.505 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 164 Resp: 672
Ion Ratio Lower Upper
164 100
166 126.2 104.0 156.0
129 100.8 82.0 123.0
131 118.6 76.4 114.6#

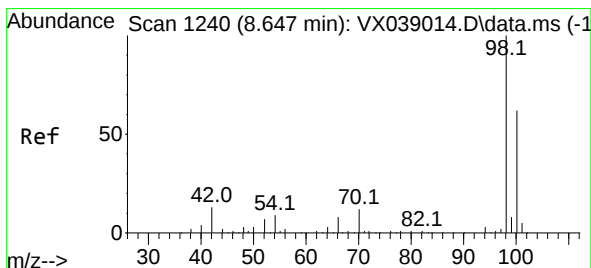
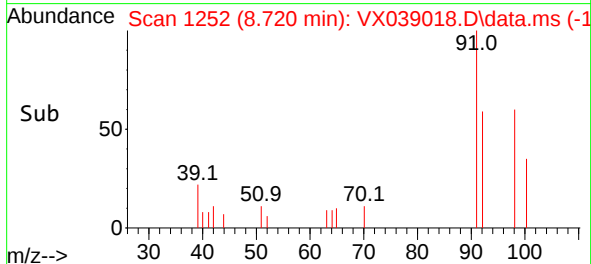
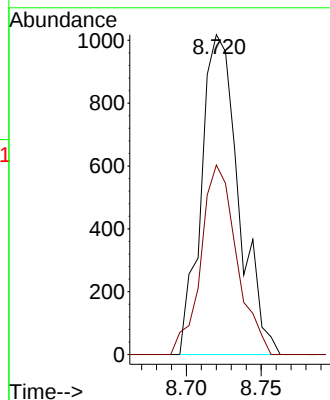
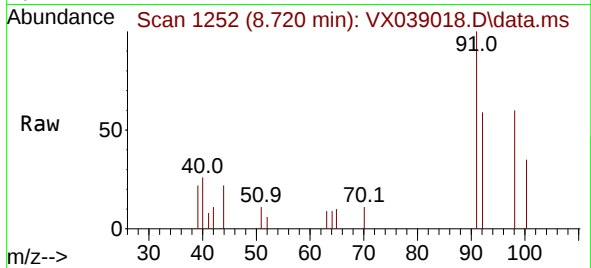




#62
Toluene
Concen: 0.244 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

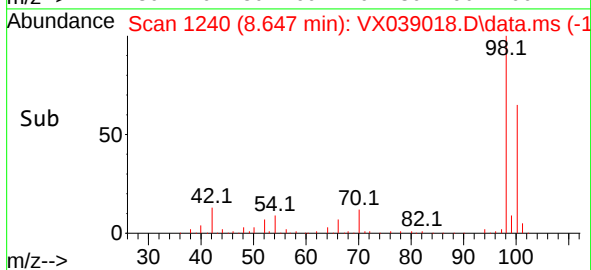
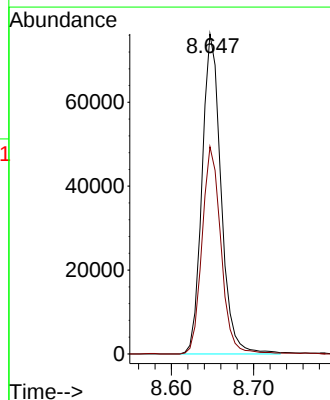
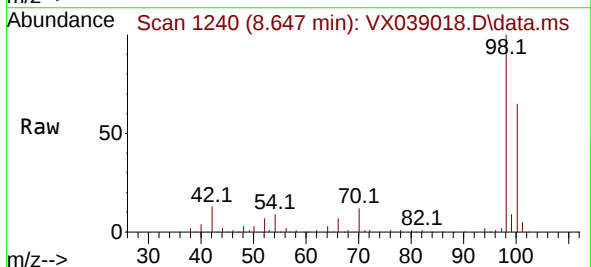
Instrument :
MSVOA_X
ClientSampleId :
IBLK

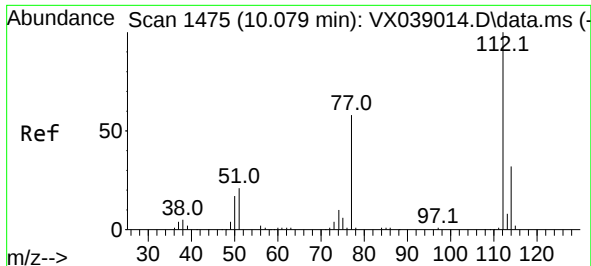
Tgt Ion: 91 Resp: 1776
Ion Ratio Lower Upper
91 100
92 56.4 45.9 68.9



#63
Toluene-d8
Concen: 30.257 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 98 Resp: 122497
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.4





#64

Chlorobenzene

Concen: 0.314 ug/l

RT: 10.073 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

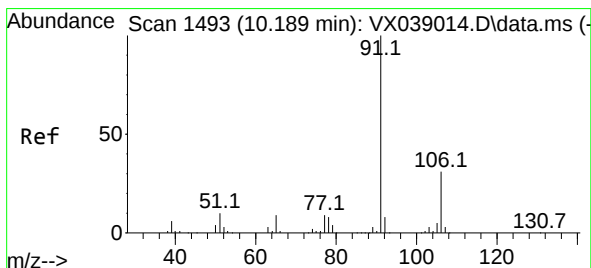
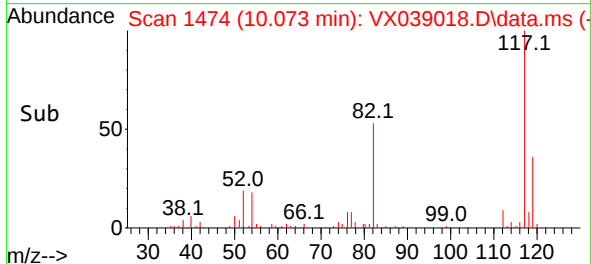
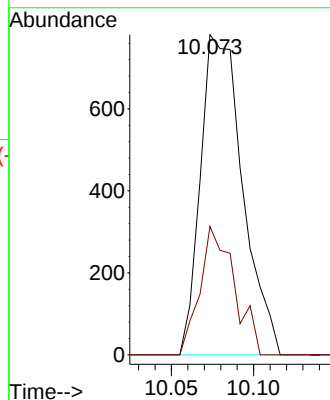
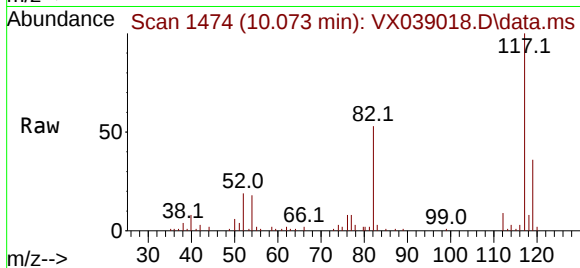
IBLK

Tgt Ion:112 Resp: 1389

Ion Ratio Lower Upper

112 100

114 40.1 25.9 38.9#



#66

Ethyl Benzene

Concen: 0.277 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX039018.D

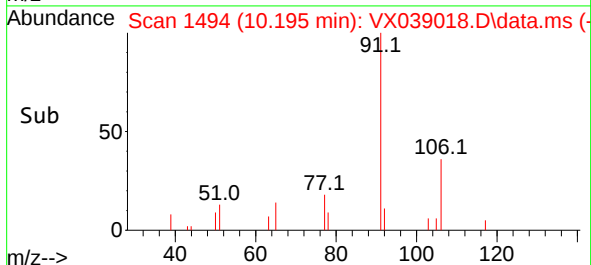
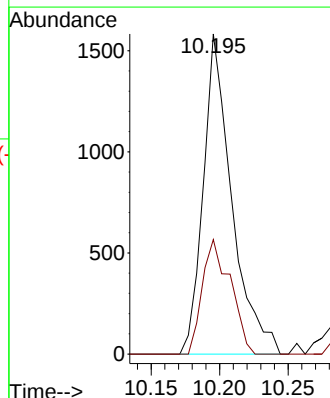
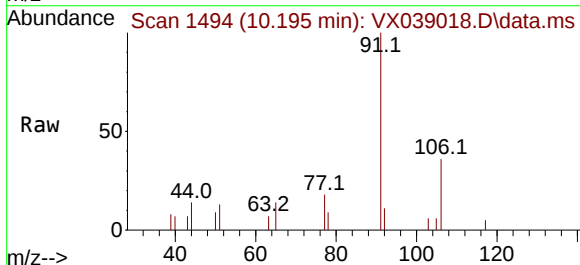
Acq: 24 Nov 2023 11:16

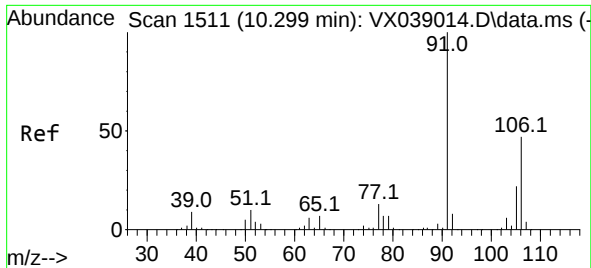
Tgt Ion: 91 Resp: 2290

Ion Ratio Lower Upper

91 100

106 35.8 24.4 36.6

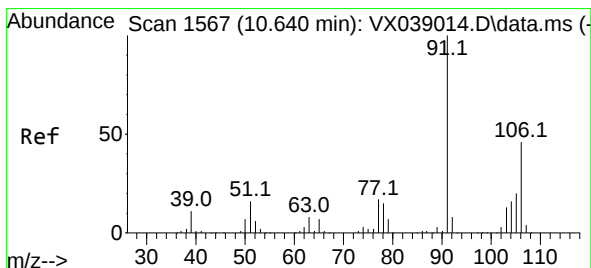
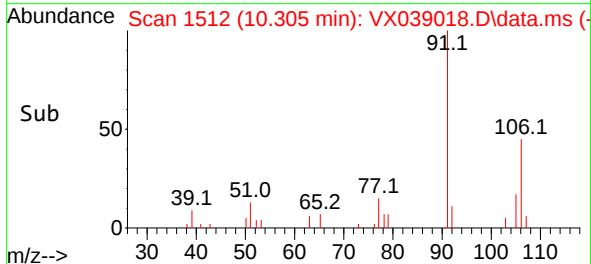
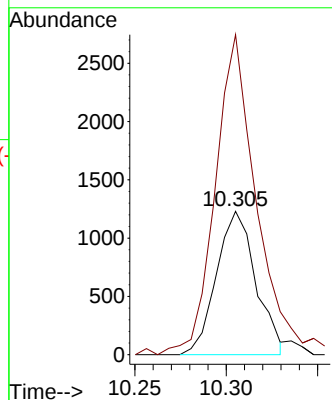
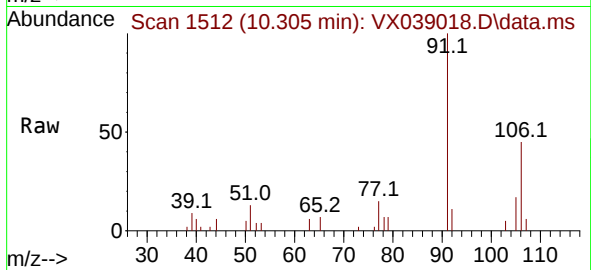




#67
m/p-Xylenes
Concen: 0.604 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

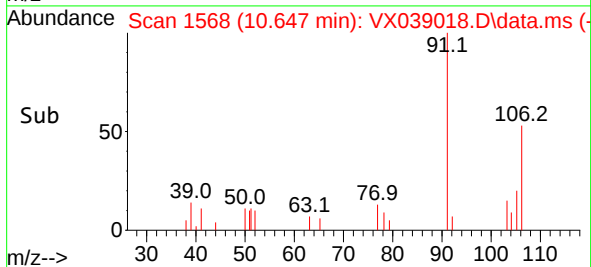
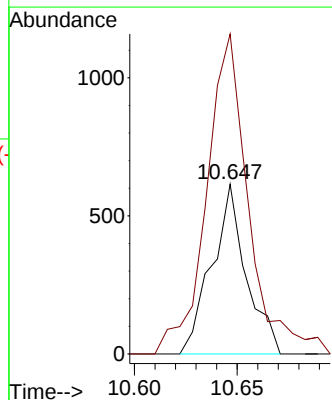
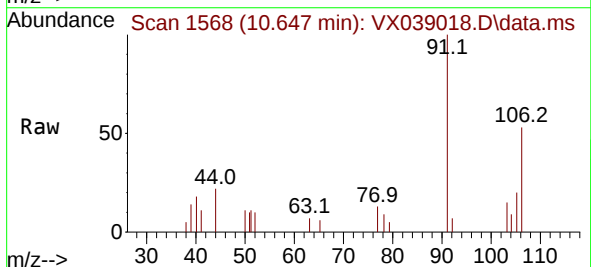
Instrument :
MSVOA_X
ClientSampleId :
IBLK

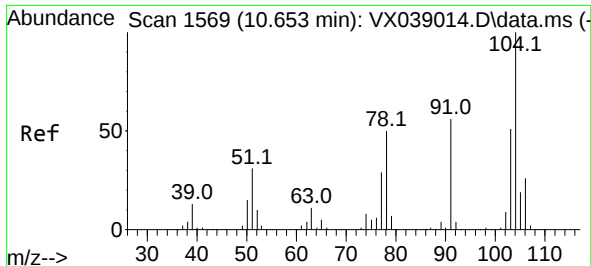
Tgt Ion:106 Resp: 1849
Ion Ratio Lower Upper
106 100
91 233.6 169.4 254.0



#68
o-Xylene
Concen: 0.241 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:106 Resp: 715
Ion Ratio Lower Upper
106 100
91 227.1 111.2 333.6

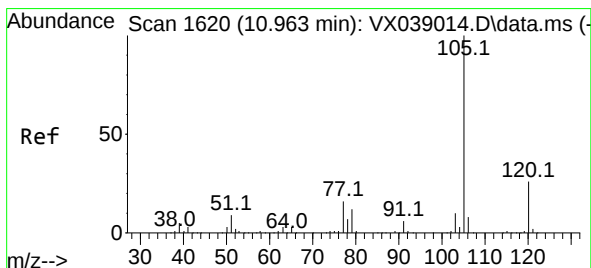
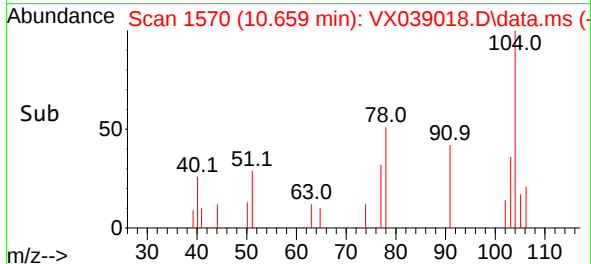
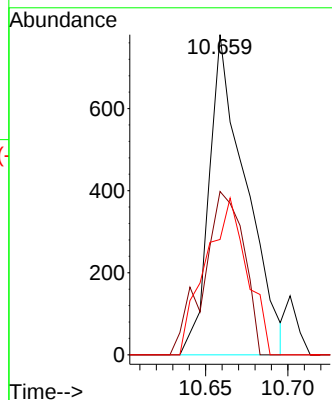
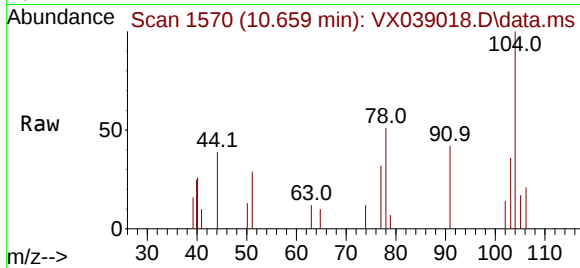




#69
Styrene
Concen: 0.276 ug/l
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

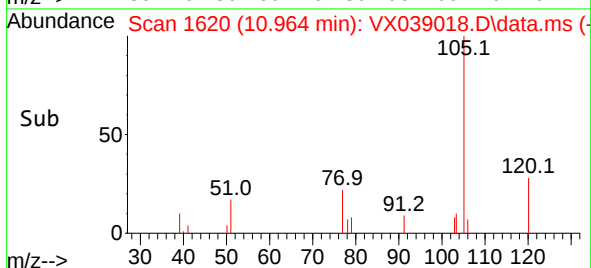
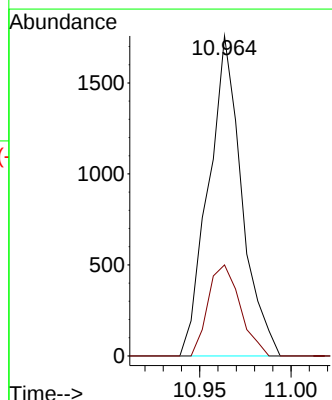
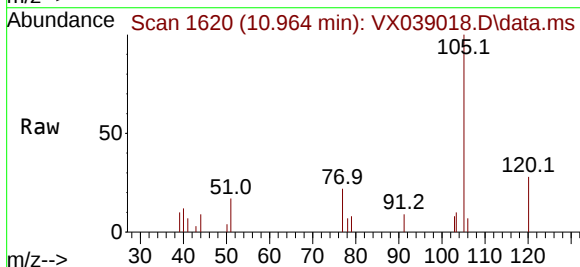
Instrument :
MSVOA_X
ClientSampleId :
IBLK

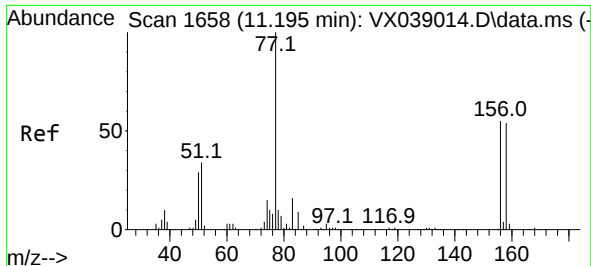
Tgt Ion:104 Resp: 1209
Ion Ratio Lower Upper
104 100
78 56.1 43.7 65.5
103 55.4 44.6 67.0



#70
Isopropylbenzene
Concen: 0.281 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:105 Resp: 2226
Ion Ratio Lower Upper
105 100
120 27.4 18.5 34.3

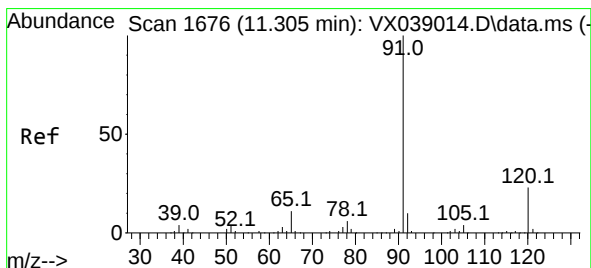
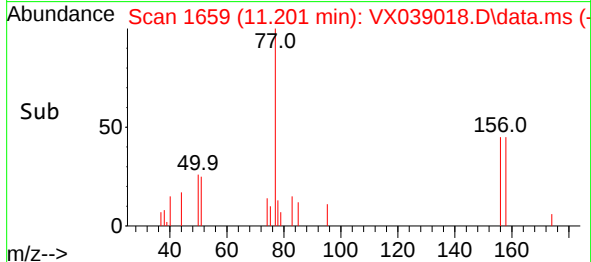
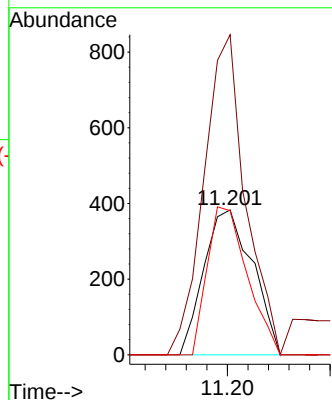
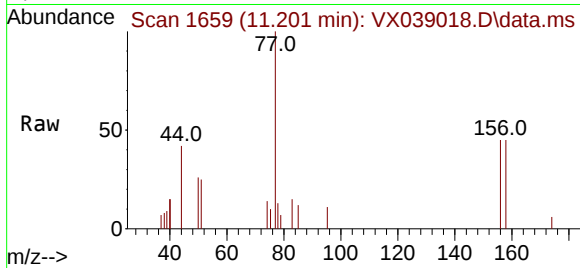




#73
Bromobenzene
Concen: 0.348 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

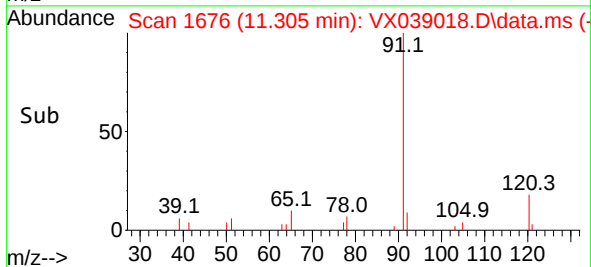
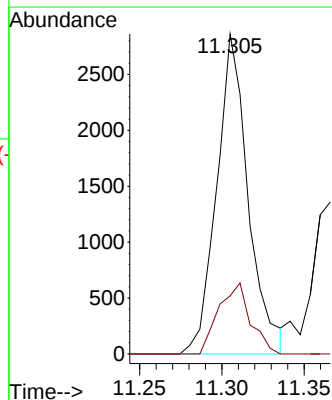
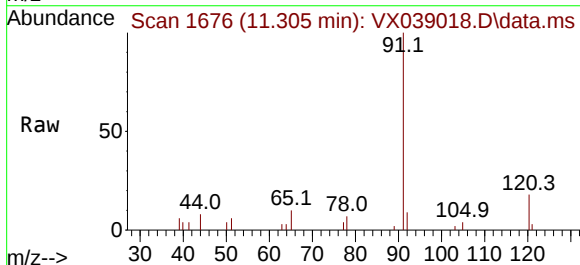
Instrument :
MSVOA_X
ClientSampleId :
IBLK

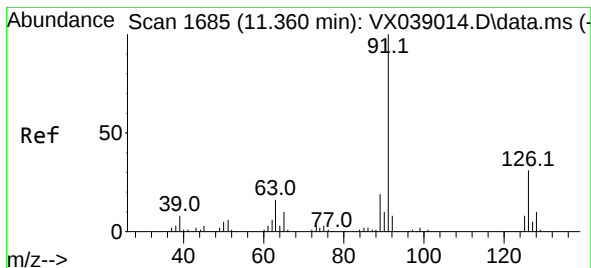
Tgt Ion:156 Resp: 628
Ion Ratio Lower Upper
156 100
77 189.2 0.0 363.2
158 84.1 0.0 197.8



#74
n-propylbenzene
Concen: 0.392 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 91 Resp: 3812
Ion Ratio Lower Upper
91 100
120 22.4 0.0 43.4





#75

2-Chlorotoluene

Concen: 0.346 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

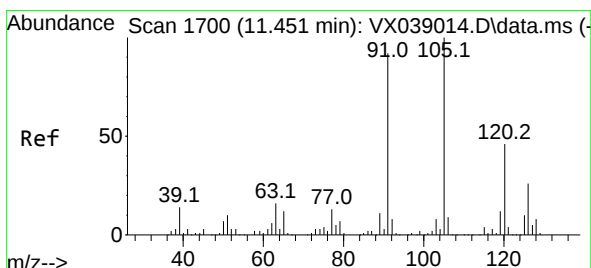
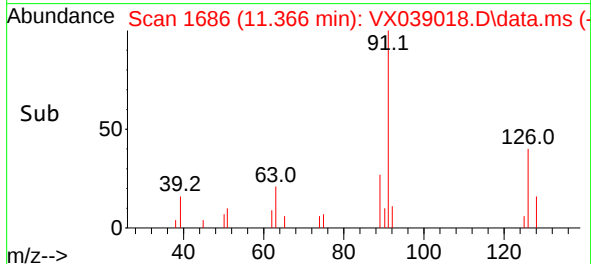
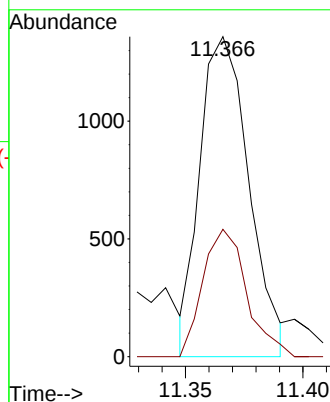
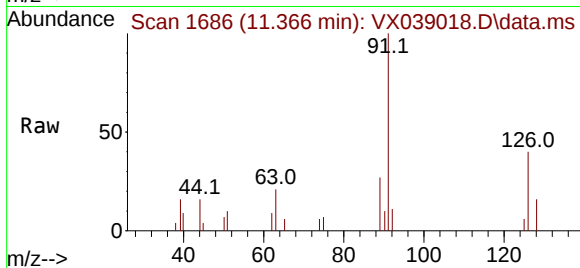
IBLK

Tgt Ion: 91 Resp: 1971

Ion Ratio Lower Upper

91 100

126 35.6 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 0.352 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039018.D

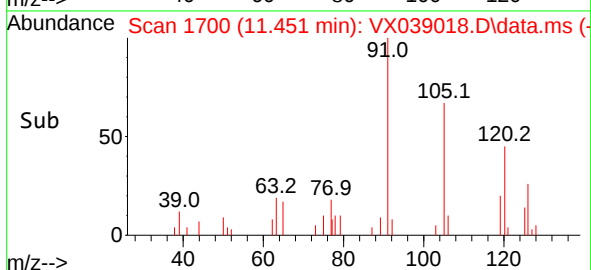
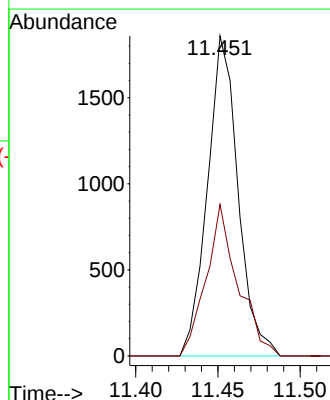
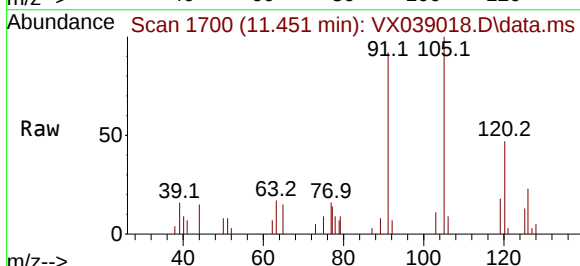
Acq: 24 Nov 2023 11:16

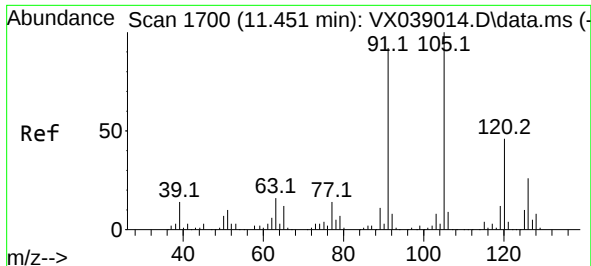
Tgt Ion: 105 Resp: 2405

Ion Ratio Lower Upper

105 100

120 49.1 0.0 92.6

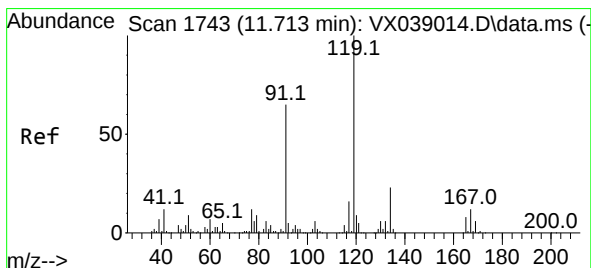
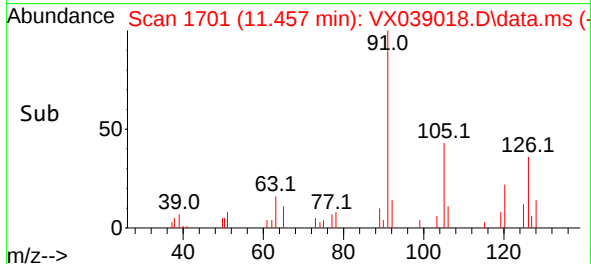
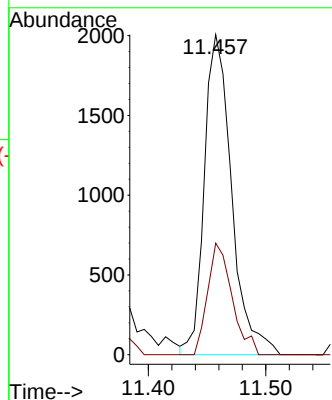
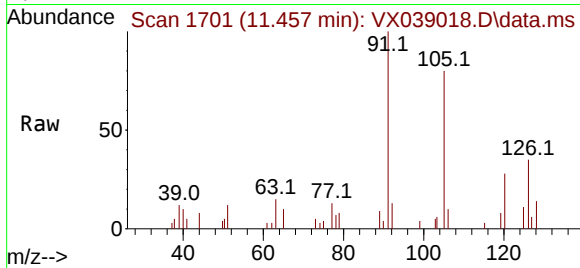




#78
4-Chlorotoluene
Concen: 0.484 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

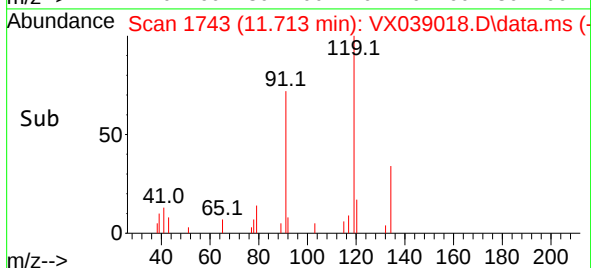
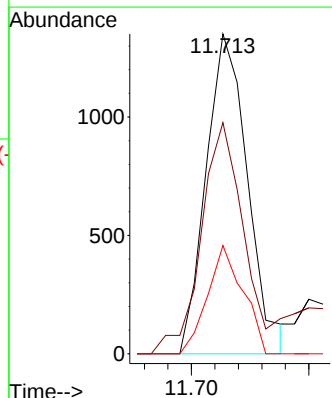
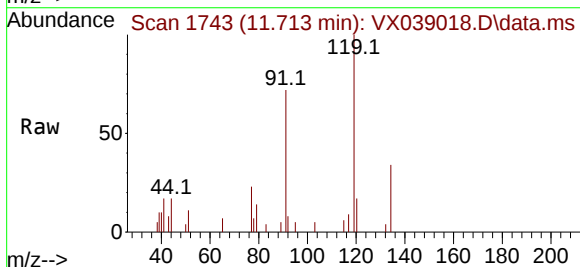
Instrument :
MSVOA_X
ClientSampleId :
IBLK

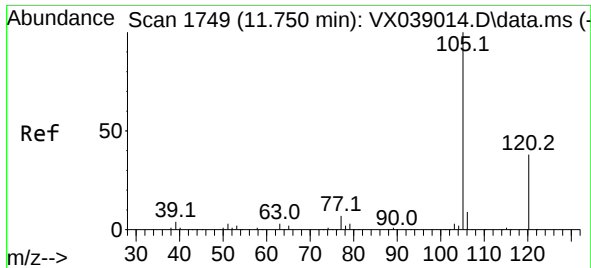
Tgt Ion: 91 Resp: 3241
Ion Ratio Lower Upper
91 100
126 31.2 0.0 57.4



#79
tert-butylbenzene
Concen: 0.255 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 119 Resp: 1659
Ion Ratio Lower Upper
119 100
91 72.4 0.0 125.6
134 29.0 0.0 43.8

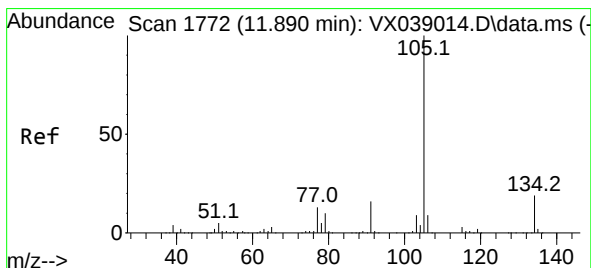
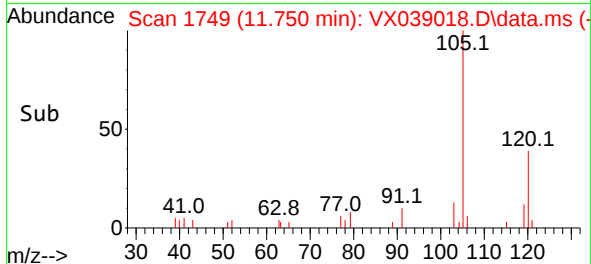
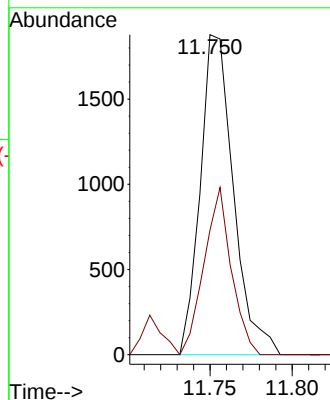
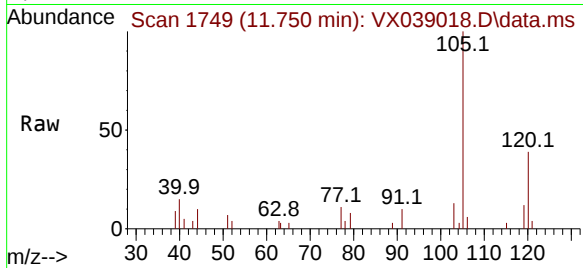




#80
1,2,4-Trimethylbenzene
Concen: 0.385 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

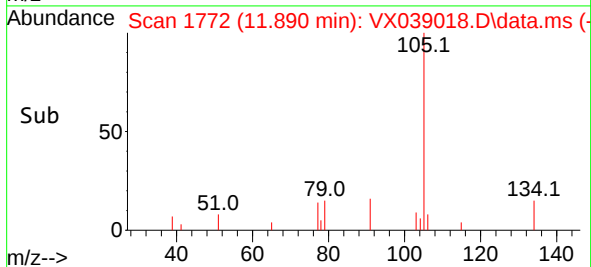
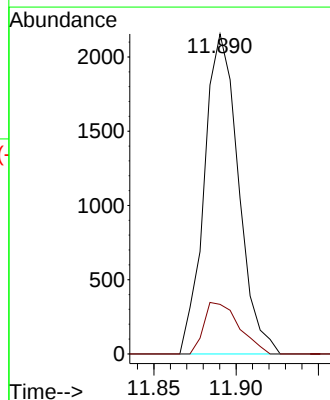
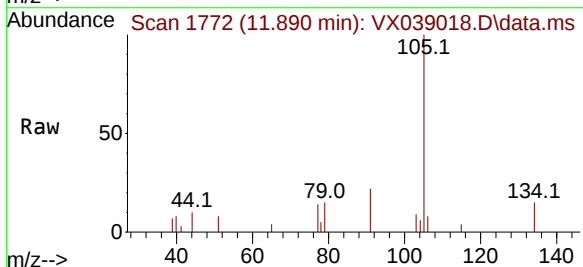
Instrument :
MSVOA_X
ClientSampleId :
IBLK

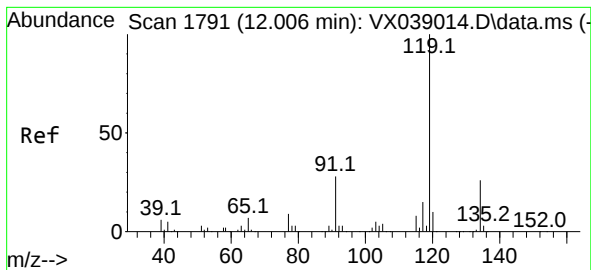
Tgt Ion:105 Resp: 2635
Ion Ratio Lower Upper
105 100
120 42.8 0.0 86.4



#81
sec-Butylbenzene
Concen: 0.379 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:105 Resp: 3113
Ion Ratio Lower Upper
105 100
134 16.5 0.0 38.4





#82

p-Isopropyltoluene

Concen: 0.434 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

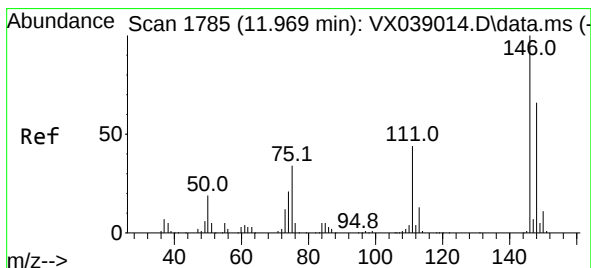
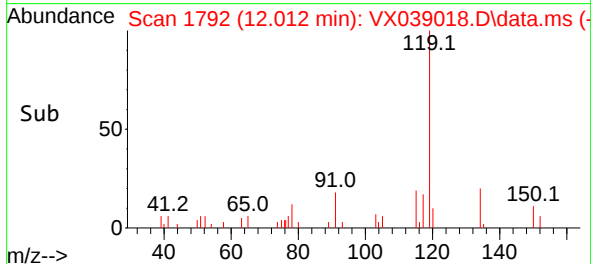
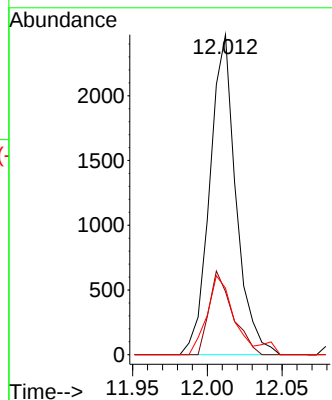
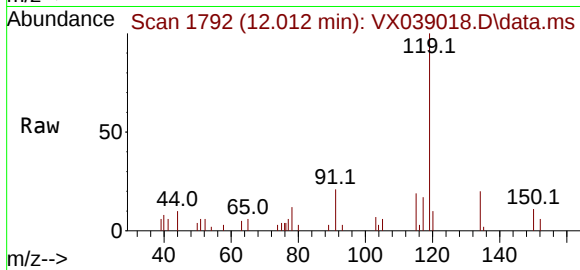
Tgt Ion:119 Resp: 3017

Ion Ratio Lower Upper

119 100

134 23.4 0.0 52.6

91 24.6 0.0 54.2



#83

1,3-Dichlorobenzene

Concen: 0.562 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

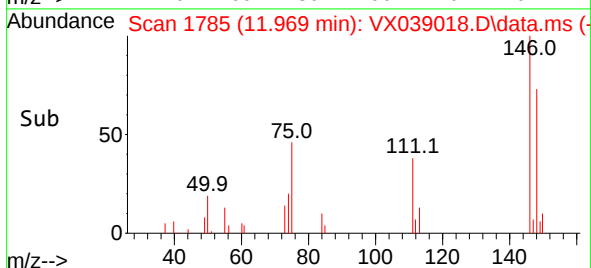
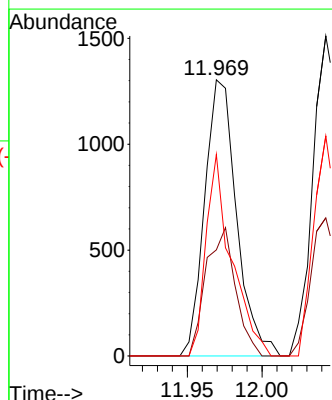
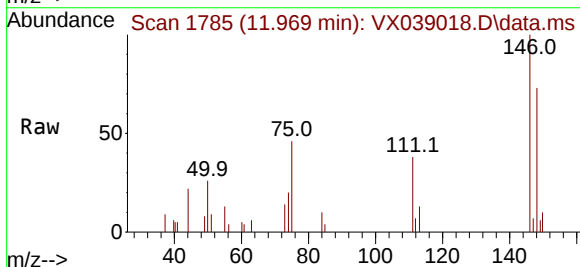
Tgt Ion:146 Resp: 1940

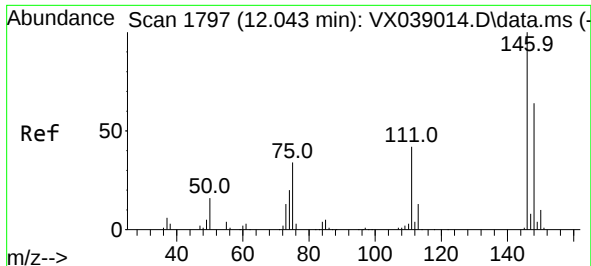
Ion Ratio Lower Upper

146 100

111 42.9 22.3 66.9

148 58.5 32.8 98.3

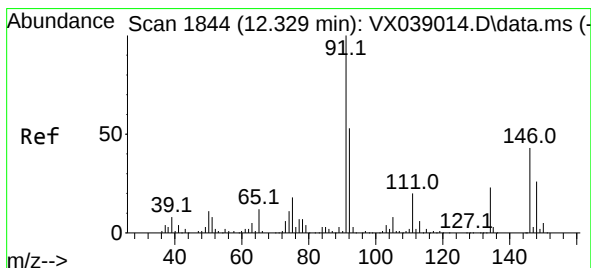
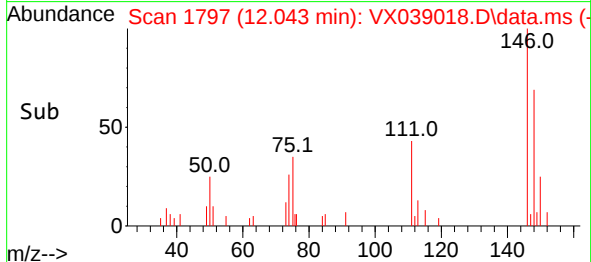
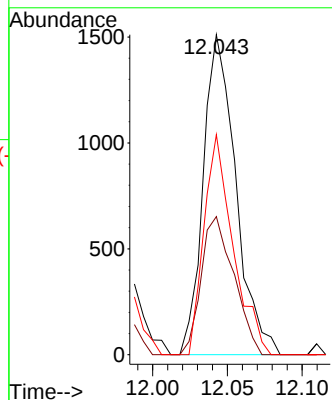
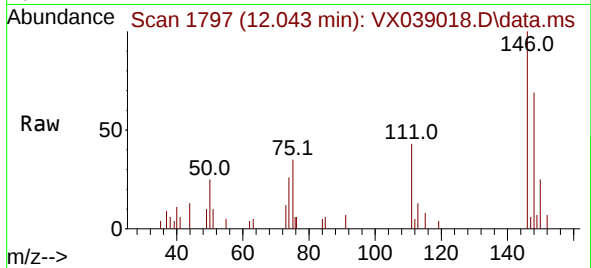




#84
1,4-Dichlorobenzene
Concen: 0.647 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

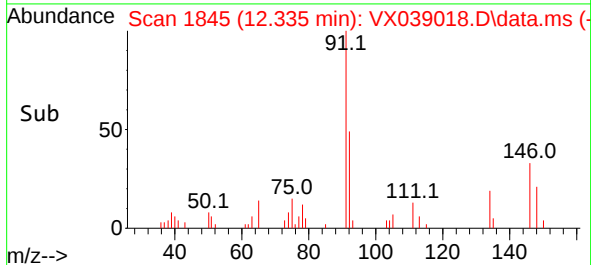
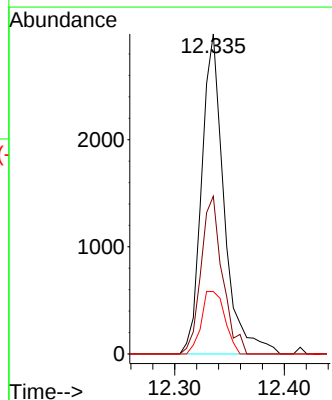
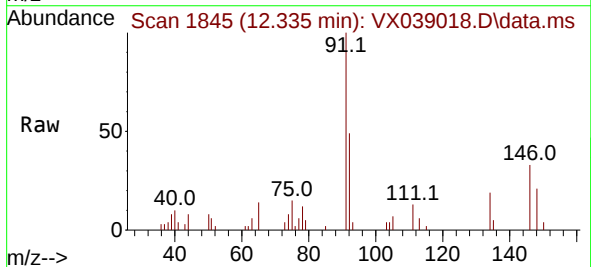
Instrument :
MSVOA_X
ClientSampleId :
IBLK

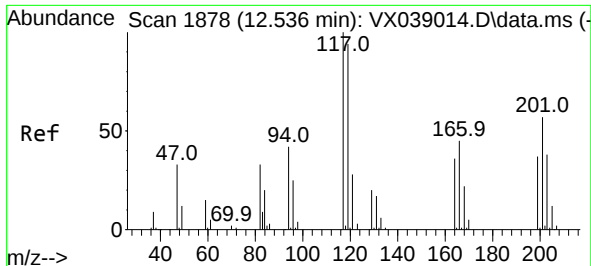
Tgt Ion:146 Resp: 2292
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.2
148 61.3 31.8 95.4



#85
n-Butylbenzene
Concen: 0.617 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion: 91 Resp: 4240
Ion Ratio Lower Upper
91 100
92 47.2 0.0 106.2
134 20.4 0.0 48.8

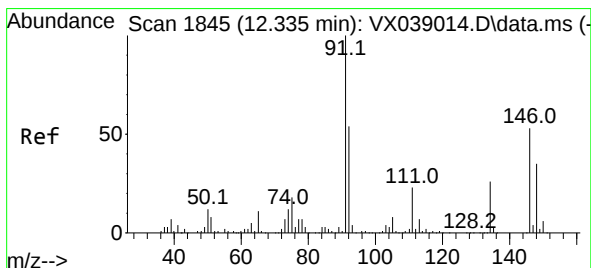
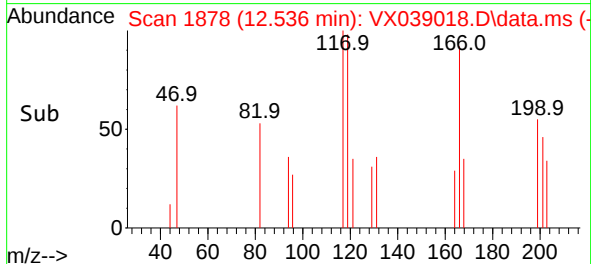
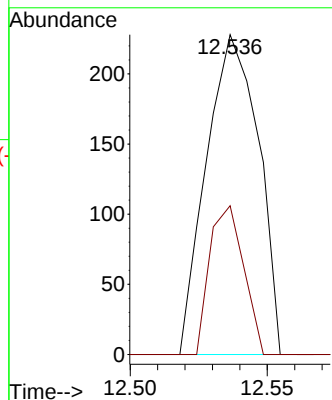
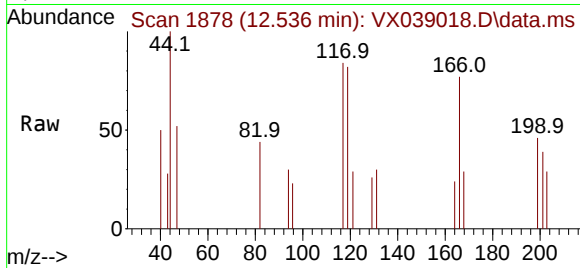




#86
Hexachloroethane
Concen: 0.228 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

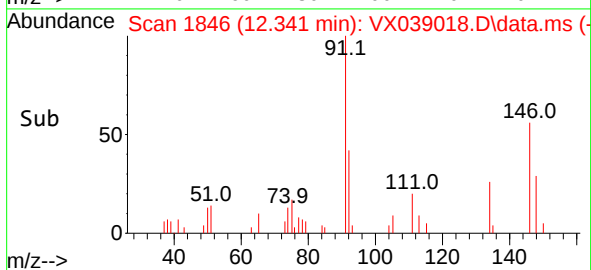
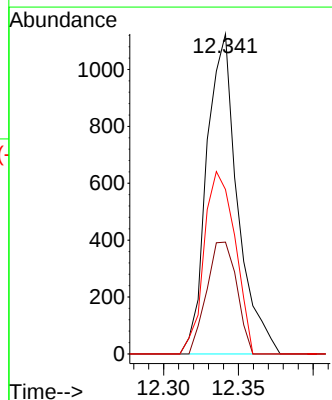
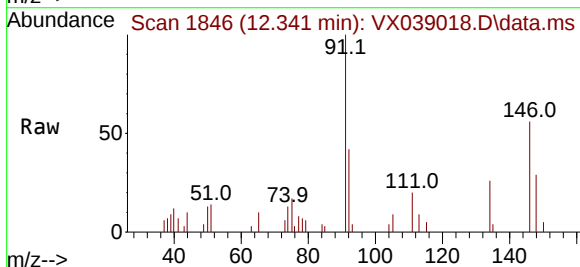
Instrument :
MSVOA_X
ClientSampleId :
IBLK

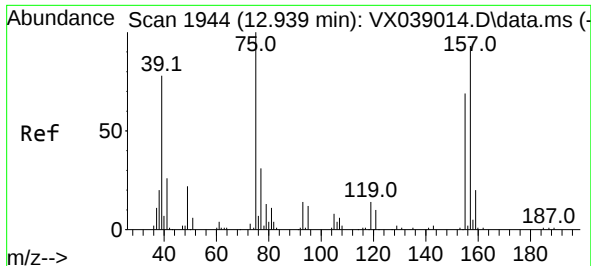
Tgt Ion:117 Resp: 301
Ion Ratio Lower Upper
117 100
201 30.2 31.8 95.3#



#87
1,2-Dichlorobenzene
Concen: 0.485 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX039018.D
Acq: 24 Nov 2023 11:16

Tgt Ion:146 Resp: 1610
Ion Ratio Lower Upper
146 100
111 34.1 22.4 67.2
148 57.5 31.9 95.7





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.266 ug/l

RT: 12.945 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

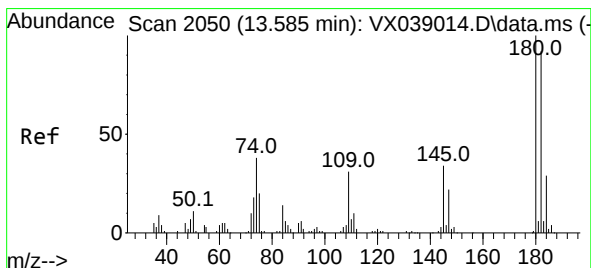
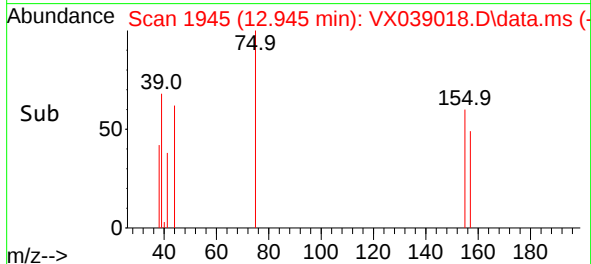
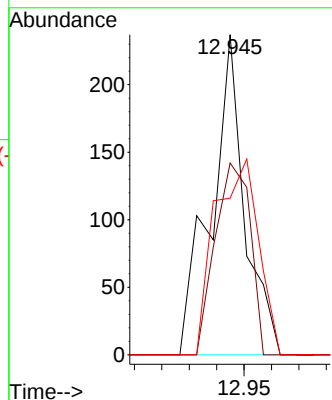
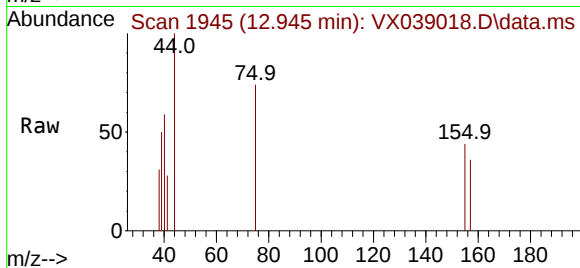
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 63.2 58.2 87.4

157 79.6 76.5 114.7



#89

1,2,4-Trichlorobenzene

Concen: 1.235 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

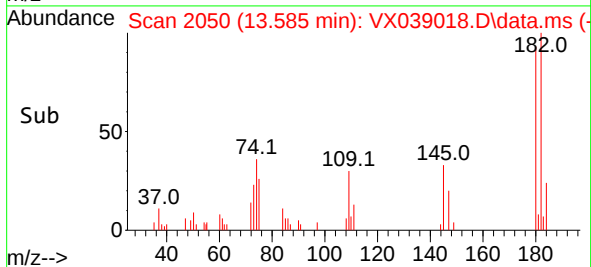
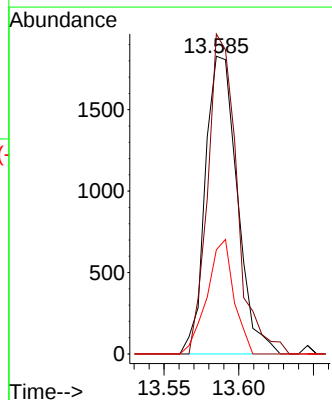
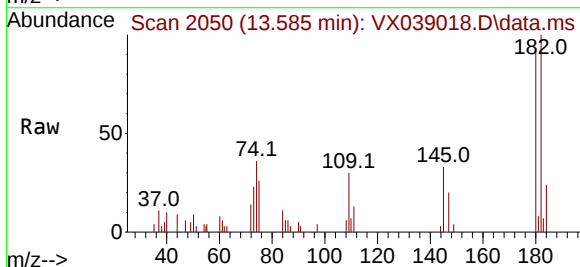
Tgt Ion: 180 Resp: 2719

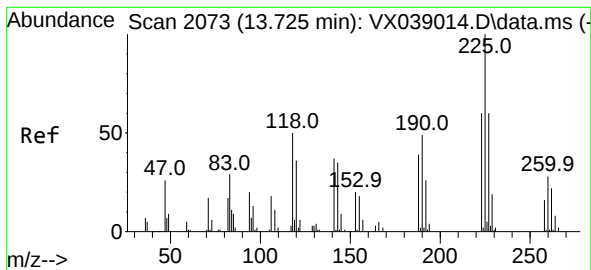
Ion Ratio Lower Upper

180 100

182 98.5 74.5 111.7

145 32.1 26.6 40.0





#90

Hexachlorobutadiene

Concen: 2.136 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

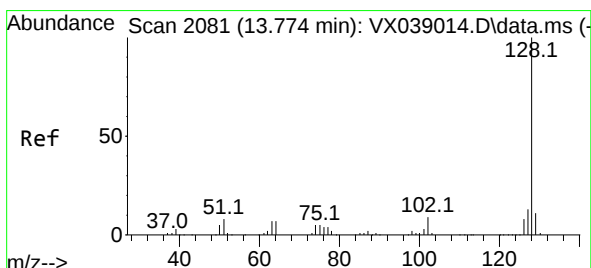
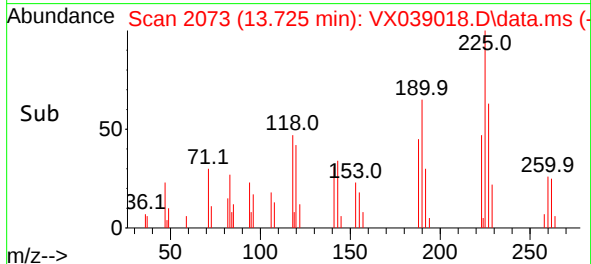
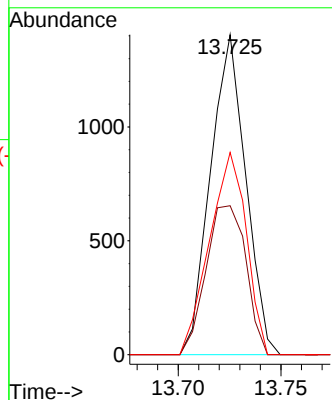
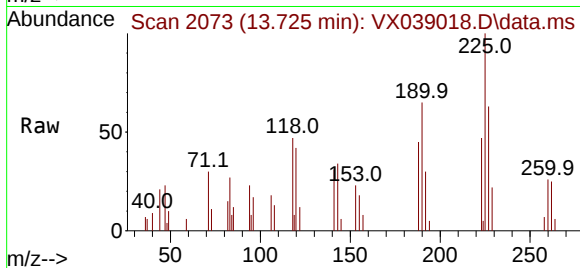
Tgt Ion:225 Resp: 1680

Ion Ratio Lower Upper

225 100

223 52.7 0.0 124.4

227 65.9 0.0 124.4



#91

Naphthalene

Concen: 1.144 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039018.D

Acq: 24 Nov 2023 11:16

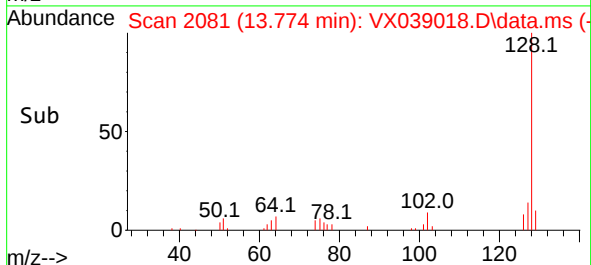
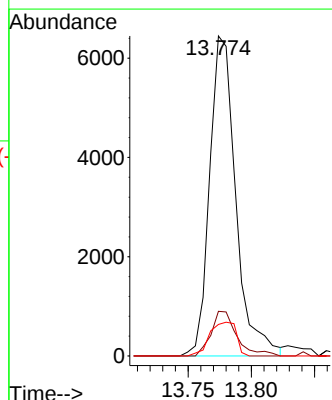
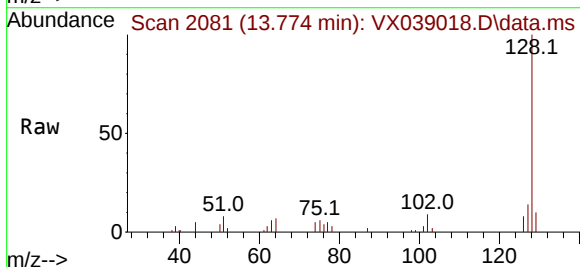
Tgt Ion:128 Resp: 9291

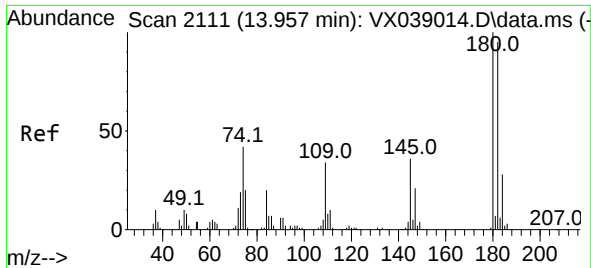
Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 10.7 8.6 12.8





#92

1,2,3-Trichlorobenzene

Concen: 1.134 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039018.D

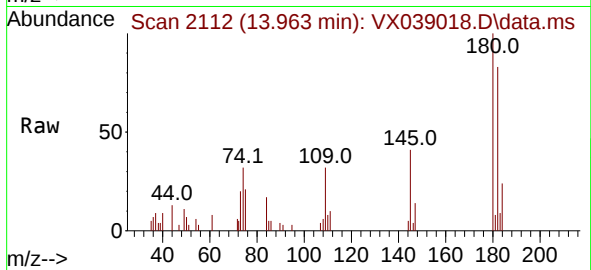
Acq: 24 Nov 2023 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 2418

Ion Ratio Lower Upper

180 100

182 90.7 0.0 191.6

145 40.2 0.0 69.6

