

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032156.D
 Acq On : 17 Oct 2022 14:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 18 03:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95182	70.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 140.460%#	
35) Dibromofluoromethane	5.385	113	69389	78.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 157.960%#	
50) Toluene-d8	8.647	98	257286	83.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 166.980%#	
62) 4-Bromofluorobenzene	11.079	95	88155	75.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 150.260%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	345	0.368	ug/l	98
3) Chloromethane	1.294	50	326	0.360	ug/l	97
4) Vinyl Chloride	1.368	62	288	0.286	ug/l #	76
5) Bromomethane	1.617	94	829	1.111	ug/l	99
7) Trichlorofluoromethane	1.886	101	466	0.296	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	2.337	101	348	0.468	ug/l #	79
10) Methyl Iodide	2.459	142	610	0.677	ug/l #	88
11) Tert butyl alcohol	2.934	59	784	4.206	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	199	0.287	ug/l #	85
13) Acrolein	2.233	56	56	0.357	ug/l #	44
15) Acrylonitrile	3.075	53	532	1.189	ug/l #	90
16) Acetone	2.386	43	258	0.792	ug/l #	45
17) Carbon Disulfide	2.514	76	2538	1.456	ug/l	97
20) Methylene Chloride	2.788	84	490	0.489	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	608	0.646	ug/l	96
23) Vinyl Acetate	3.733	43	723	0.304	ug/l #	71
25) 2-Butanone	4.586	43	402	0.577	ug/l #	49
27) cis-1,2-Dichloroethene	4.495	96	299	0.264	ug/l	62
31) Cyclohexane	5.464	56	348	0.230	ug/l #	62
36) 1,1-Dichloropropene	5.696	75	406	0.319	ug/l #	72
38) Carbon Tetrachloride	5.550	117	9616	7.143	ug/l #	17
39) Methylcyclohexane	7.379	83	593	0.389	ug/l #	88
42) 1,2-Dichloroethane	6.104	62	356	0.239	ug/l #	75
44) Trichloroethene	7.129	130	526	0.525	ug/l	54
46) Dibromomethane	7.586	93	153	0.225	ug/l #	63
52) Toluene	8.726	92	495	0.219	ug/l #	74
53) t-1,3-Dichloropropene	8.982	75	279	0.247	ug/l #	44
59) 2-Hexanone	9.433	43	202	0.231	ug/l #	25
64) Tetrachloroethene	9.275	164	504	0.466	ug/l #	77
65) Chlorobenzene	10.086	112	835	0.292	ug/l	94
67) Ethyl Benzene	10.201	91	1327	0.264	ug/l #	86
68) m/p-Xylenes	10.311	106	1055	0.547	ug/l	97
70) Styrene	10.659	104	709	0.231	ug/l	93
73) Isopropylbenzene	10.969	105	1270	0.223	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	50366	30.288	ug/l #	37
77) Bromobenzene	11.207	156	327	0.236	ug/l	74

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

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

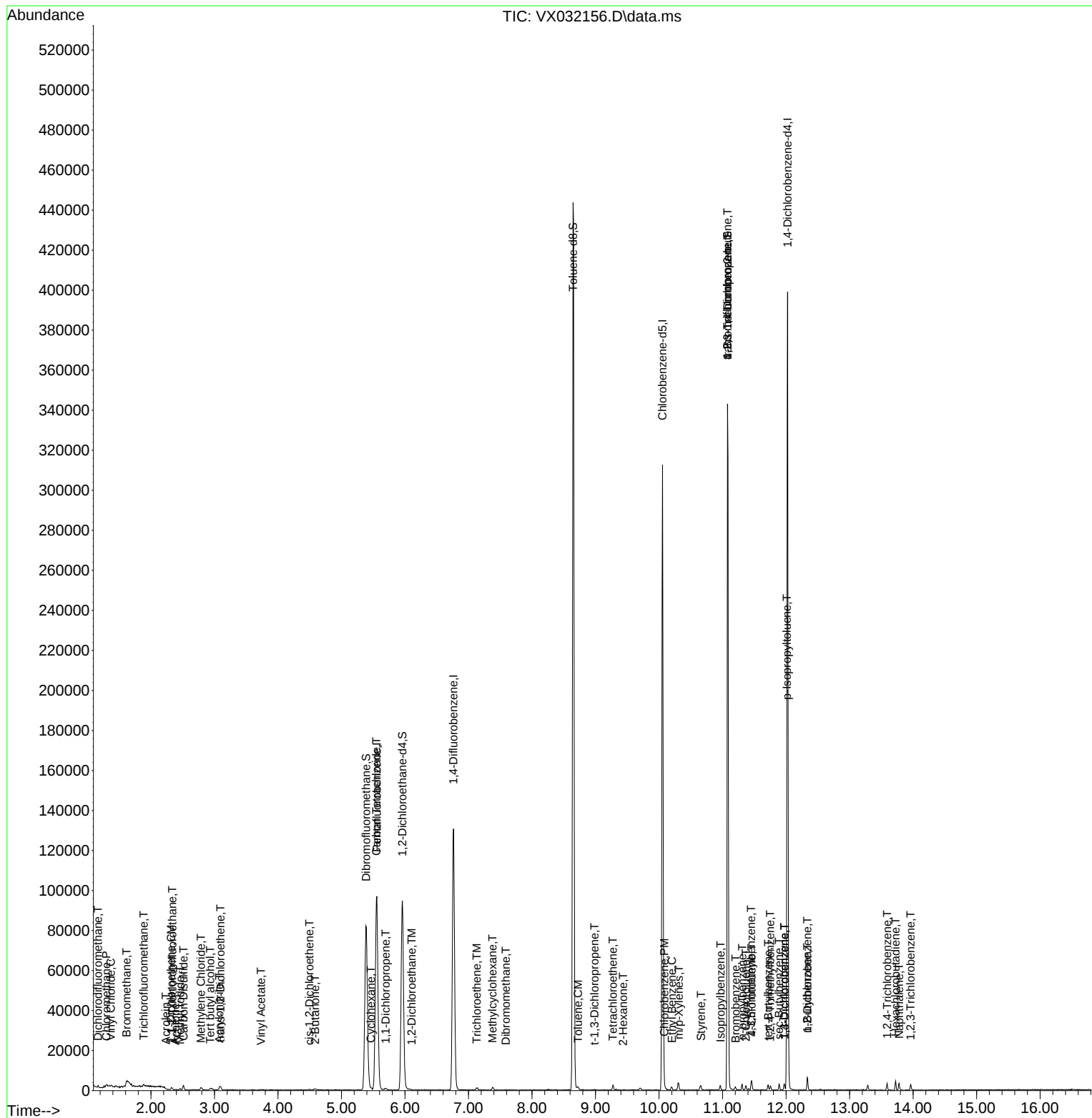
78) n-propylbenzene	11.311	91	2238	0.328	ug/l	91
79) 2-Chlorotoluene	11.366	91	1088	0.258	ug/l	82
80) 1,3,5-Trimethylbenzene	11.451	105	1295	0.258	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	50366	118.716	ug/l #	11
82) 4-Chlorotoluene	11.457	91	1628	0.331	ug/l	97
83) tert-Butylbenzene	11.719	119	1147	0.232	ug/l	77
84) 1,2,4-Trimethylbenzene	11.750	105	1277	0.252	ug/l	93
85) sec-Butylbenzene	11.890	105	1730	0.280	ug/l	99
86) p-Isopropyltoluene	12.012	119	1730	0.336	ug/l #	86
87) 1,3-Dichlorobenzene	11.975	146	1148	0.428	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	1148	0.425	ug/l	84
89) n-Butylbenzene	12.335	91	1970	0.464	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	798	0.312	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	878	0.617	ug/l	98
94) Hexachlorobutadiene	13.725	225	719	1.206	ug/l	92
95) Naphthalene	13.780	128	2446	0.515	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	841	0.591	ug/l	90

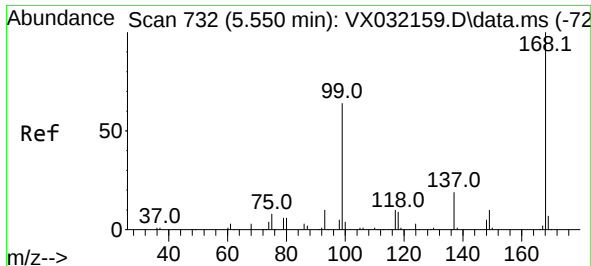
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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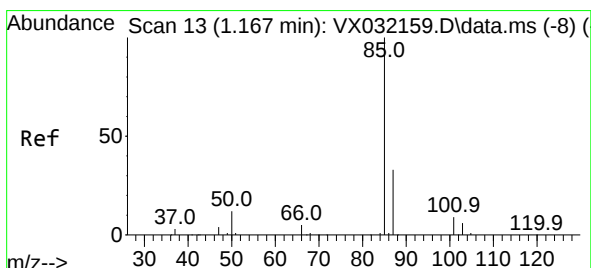
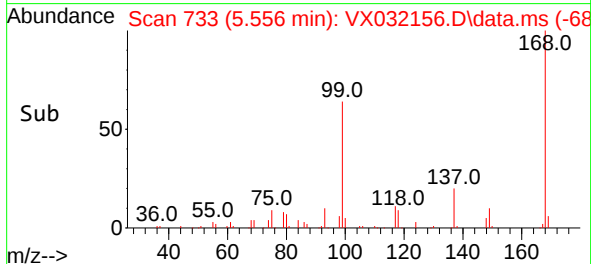
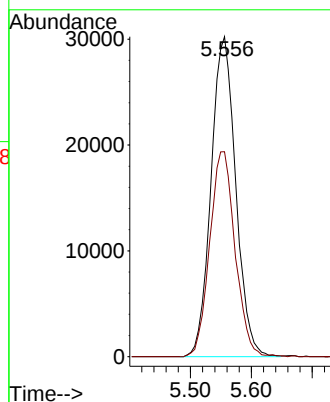
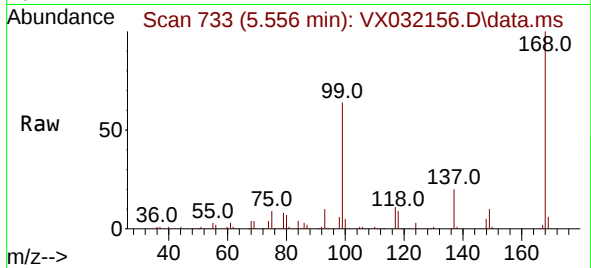




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032156.D
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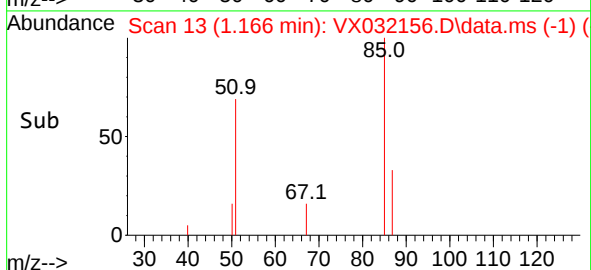
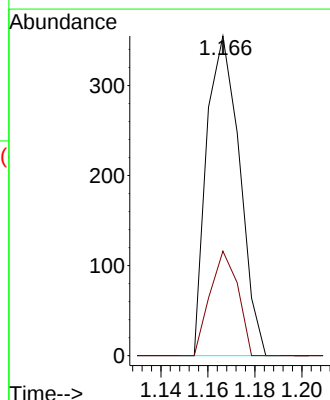
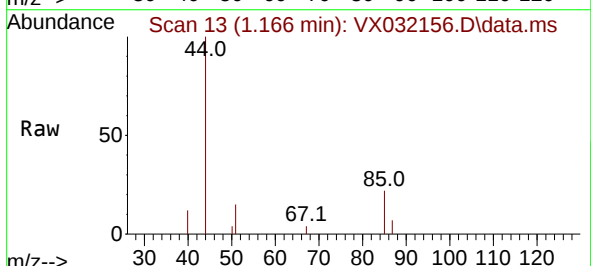
Instrument :
MSVOA_X
ClientSampleId :
IBLK

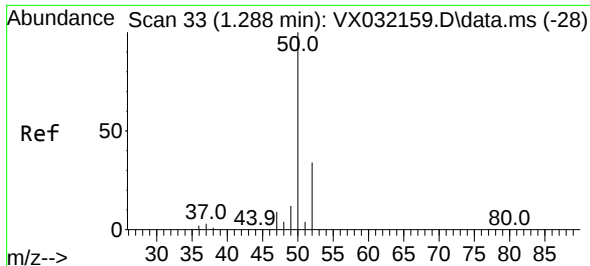
Tgt Ion:168 Resp: 85097
Ion Ratio Lower Upper
168 100
99 64.1 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.368 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 85 Resp: 345
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4

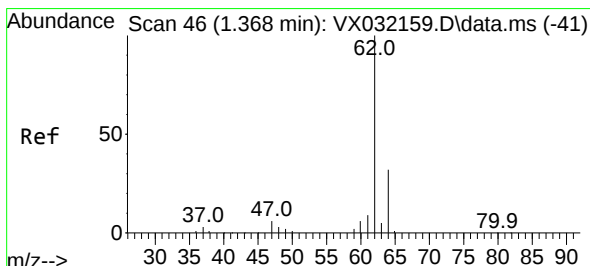
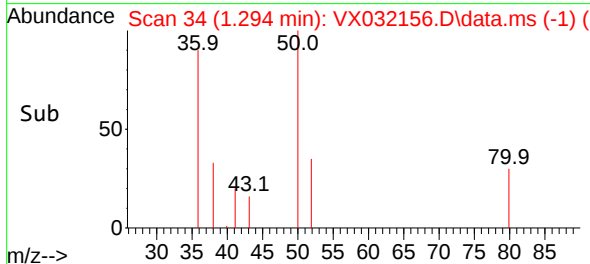
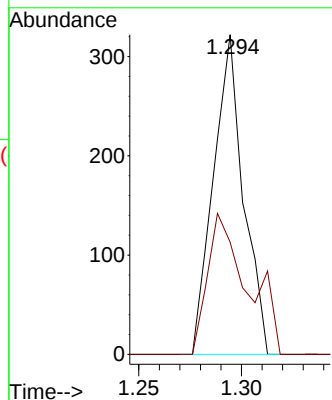
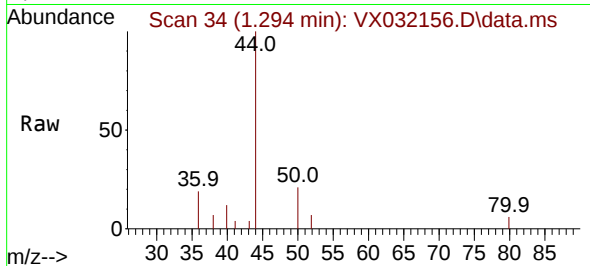




#3
Chloromethane
Concen: 0.360 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

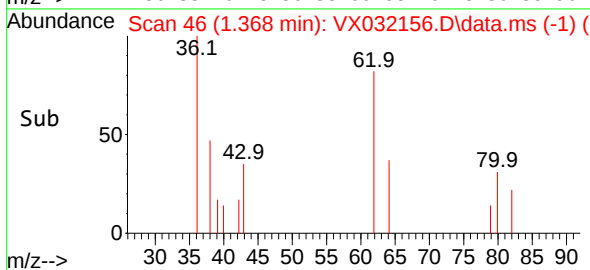
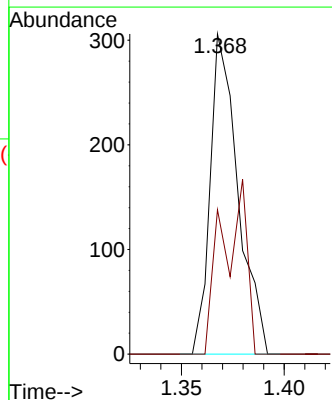
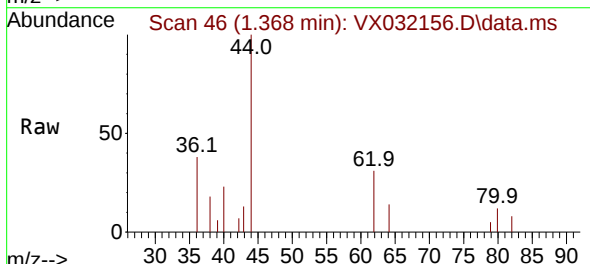
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ClientSampleId :
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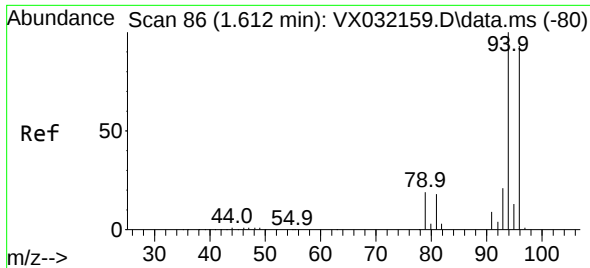
Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 35.1 26.9 40.3



#4
Vinyl Chloride
Concen: 0.286 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 62 Resp: 288
Ion Ratio Lower Upper
62 100
64 45.1 25.3 37.9#

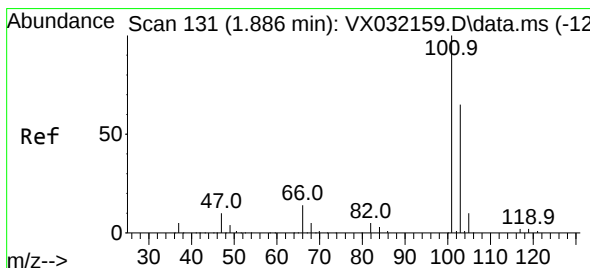
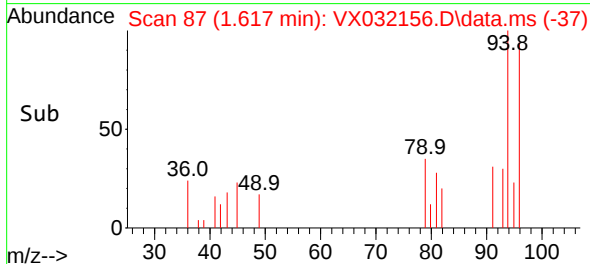
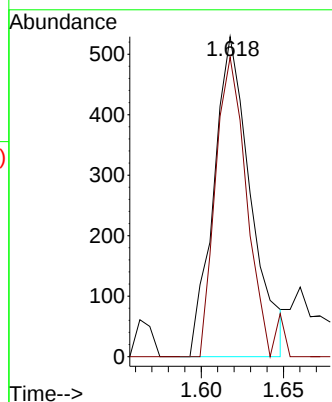
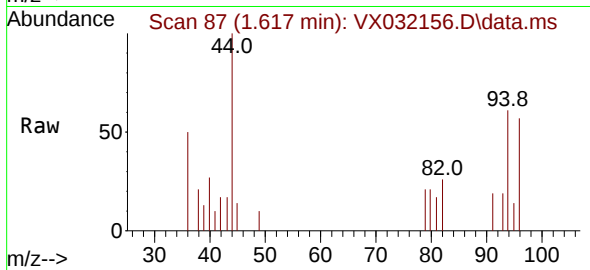




#5
 Bromomethane
 Concen: 1.111 ug/l
 RT: 1.617 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

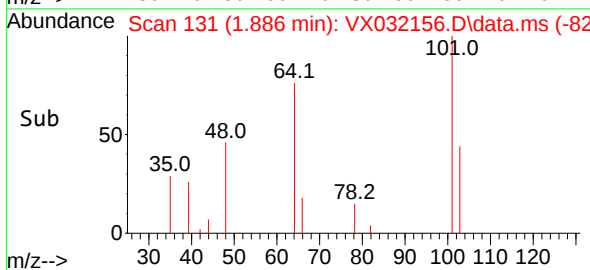
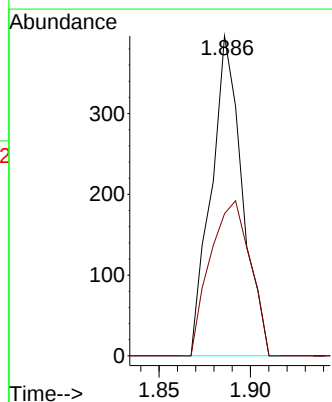
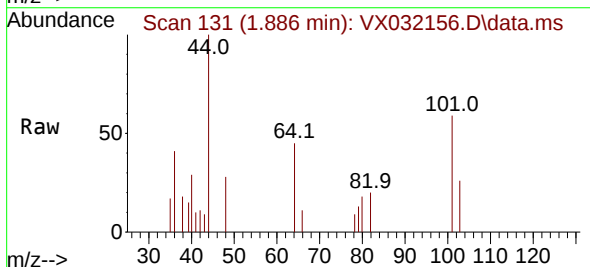
Instrument :
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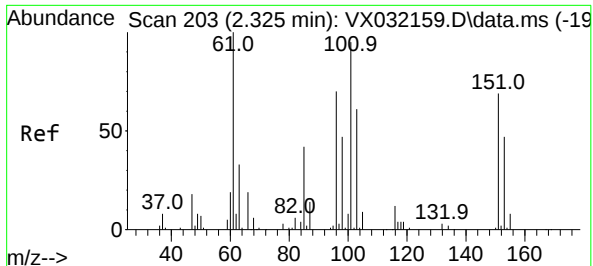
Tgt Ion: 94 Resp: 829
 Ion Ratio Lower Upper
 94 100
 96 93.6 74.4 111.6



#7
 Trichlorofluoromethane
 Concen: 0.296 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

Tgt Ion: 101 Resp: 466
 Ion Ratio Lower Upper
 101 100
 103 44.4 51.8 77.6#

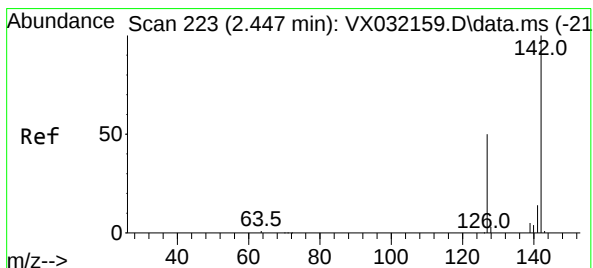
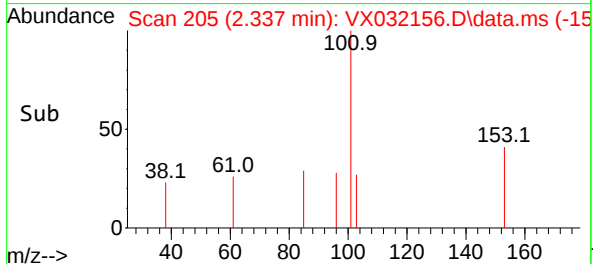
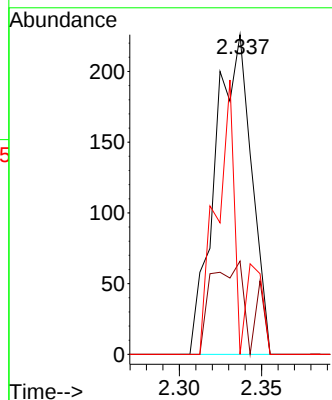
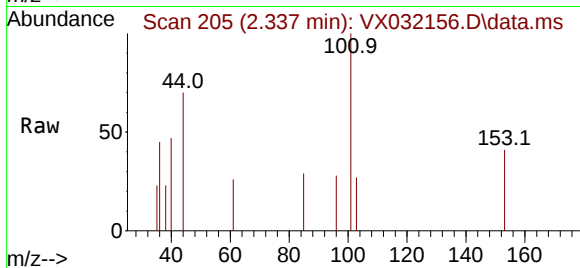




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.468 ug/l
RT: 2.337 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

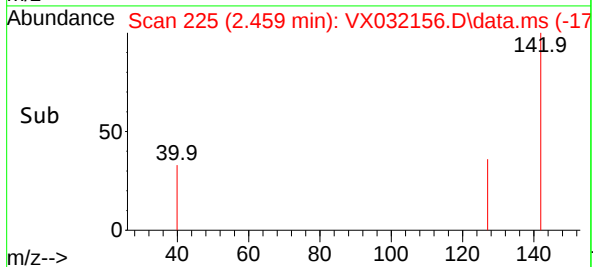
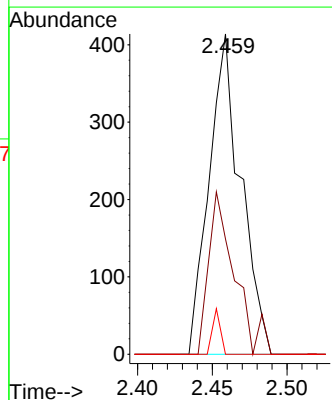
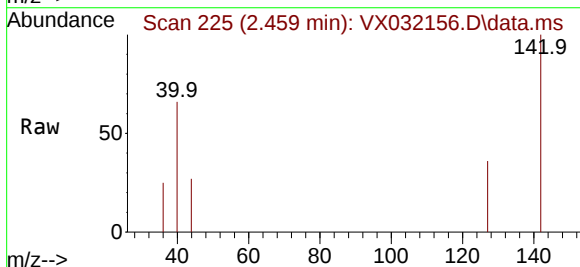
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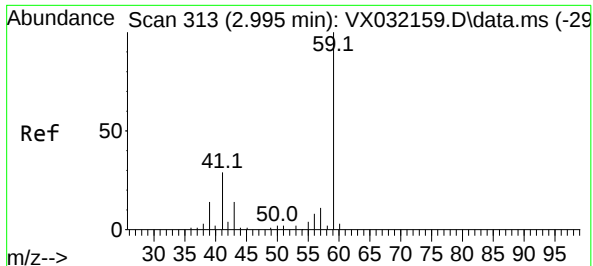
Tgt Ion:101 Resp: 348
Ion Ratio Lower Upper
101 100
85 30.2 38.6 57.8#
151 54.0 54.0 81.0



#10
Methyl Iodide
Concen: 0.677 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
127 41.8 37.4 56.0
141 3.6 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.206 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

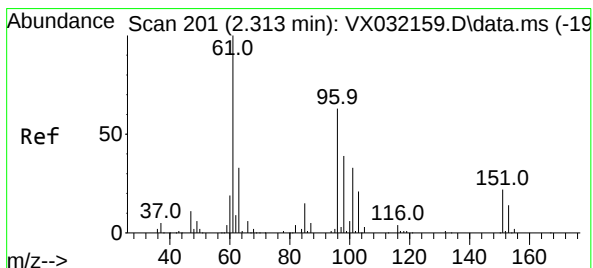
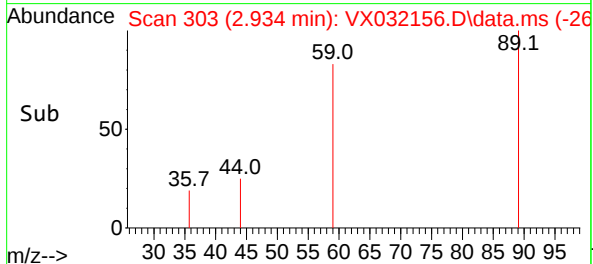
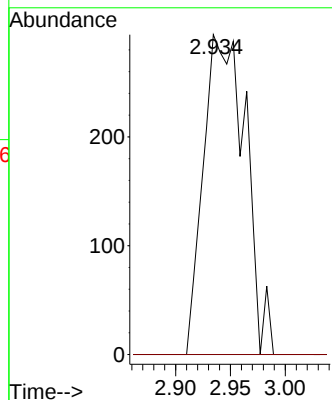
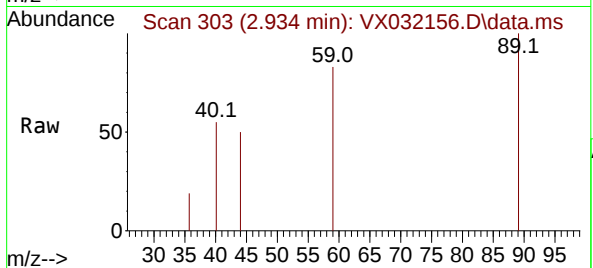
IBLK

Tgt Ion: 59 Resp: 784

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 0.287 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

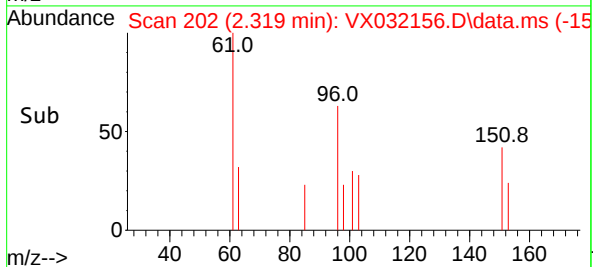
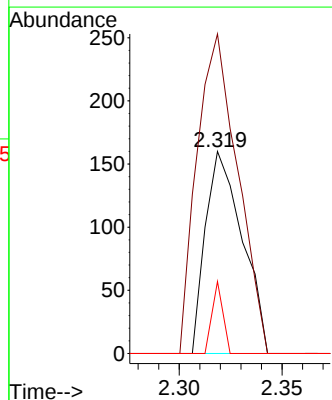
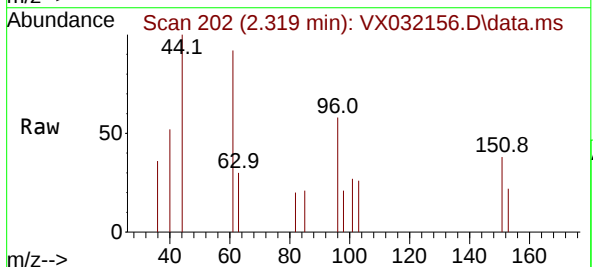
Tgt Ion: 96 Resp: 199

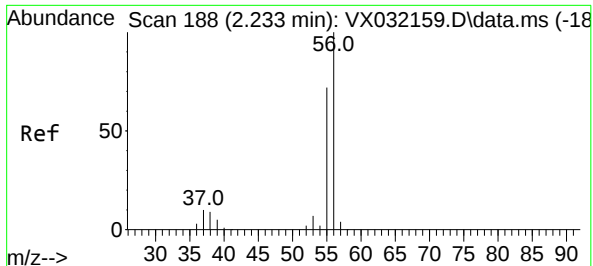
Ion Ratio Lower Upper

96 100

61 158.1 135.3 202.9

98 35.6 49.4 74.2#

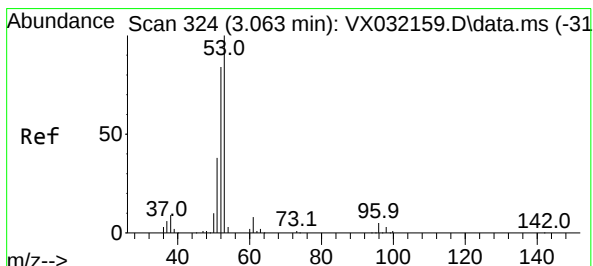
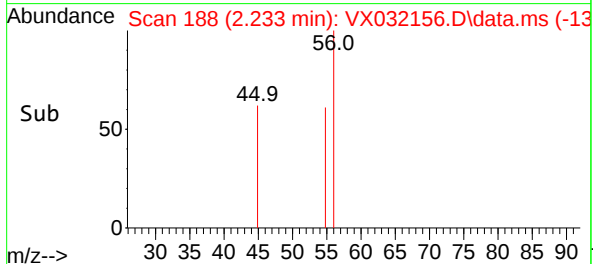
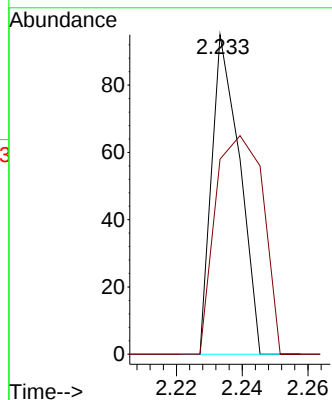
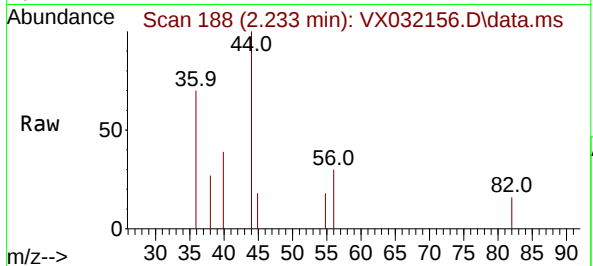




#13
Acrolein
Concen: 0.357 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
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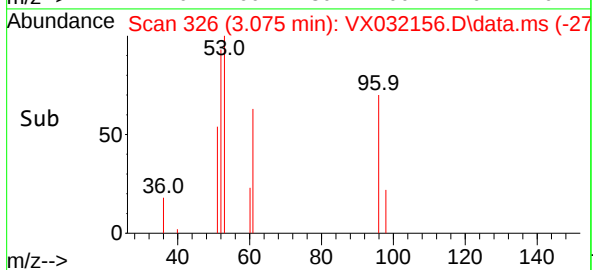
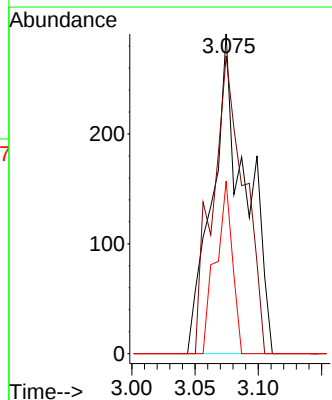
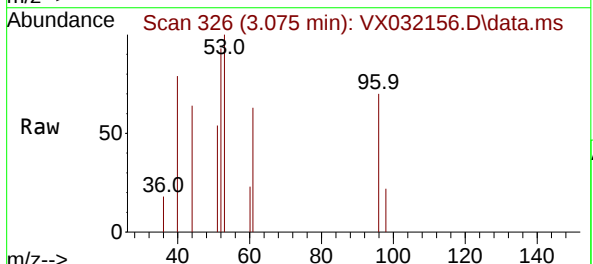
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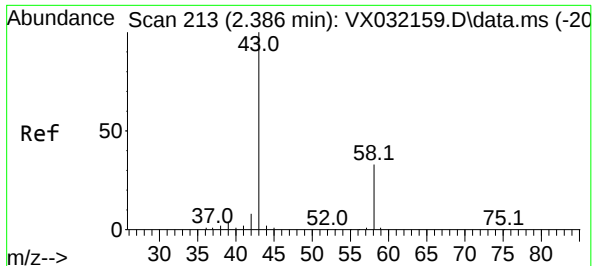
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 116.1 56.0 84.0#



#15
Acrylonitrile
Concen: 1.189 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 53 Resp: 532
Ion Ratio Lower Upper
53 100
52 89.1 66.9 100.3
51 27.1 30.0 45.0#

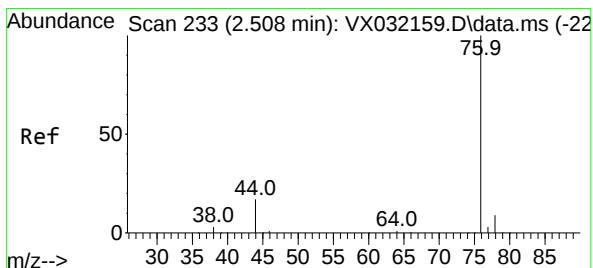
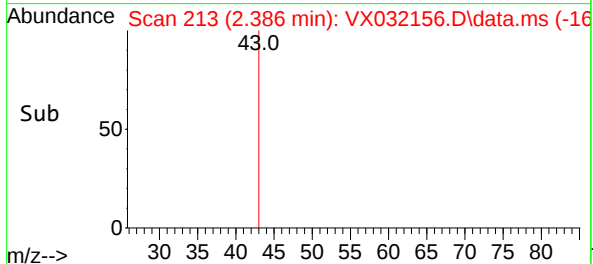
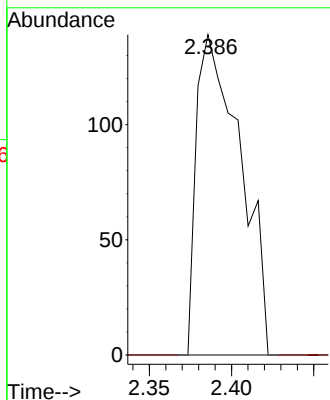
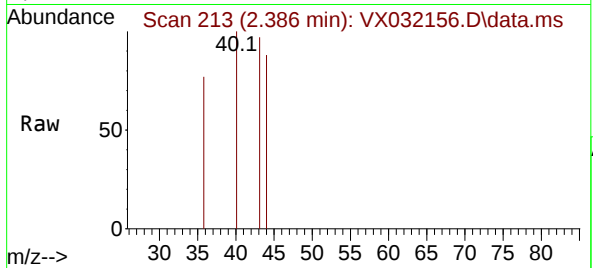




#16
Acetone
Concen: 0.792 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

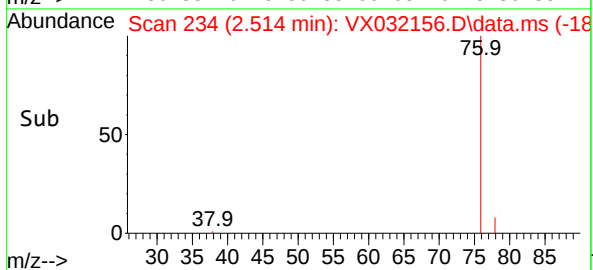
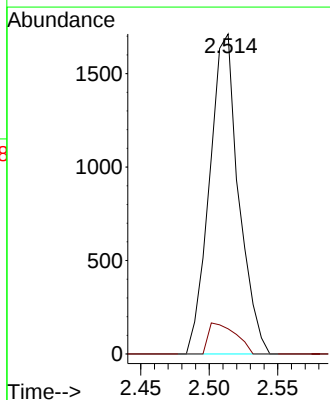
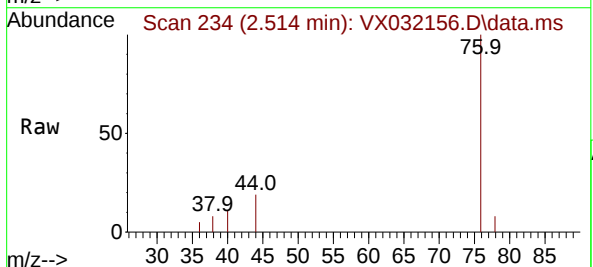
Instrument :
MSVOA_X
ClientSampleId :
IBLK

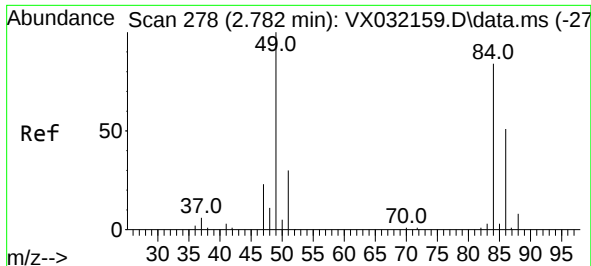
Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 1.456 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 76 Resp: 2538
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



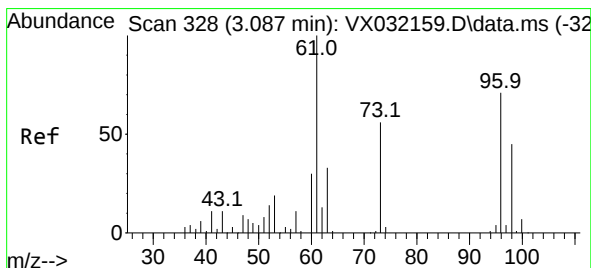
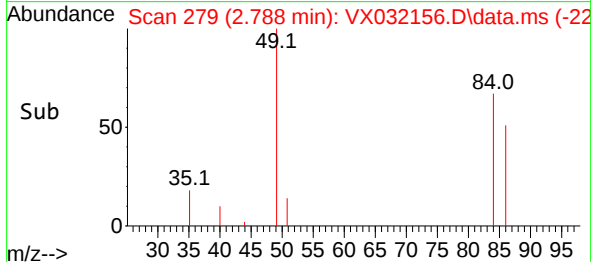
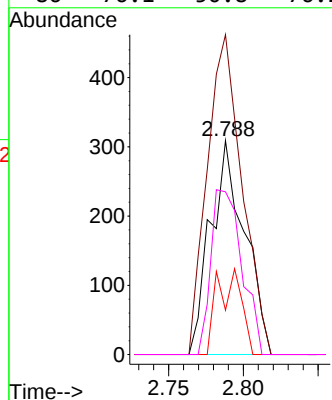
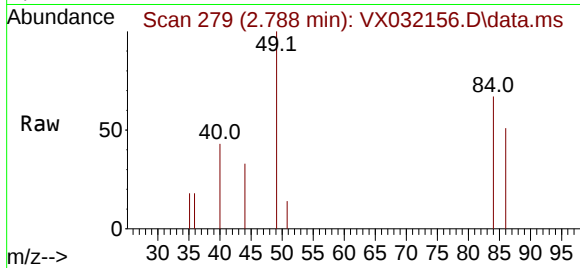


#20
Methylene Chloride
Concen: 0.489 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 490

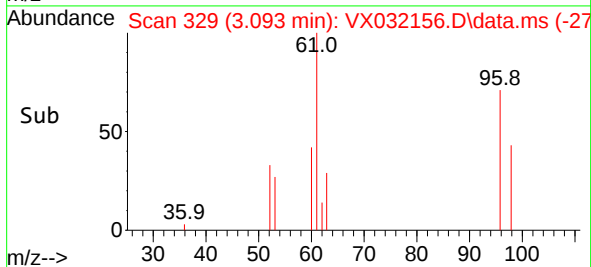
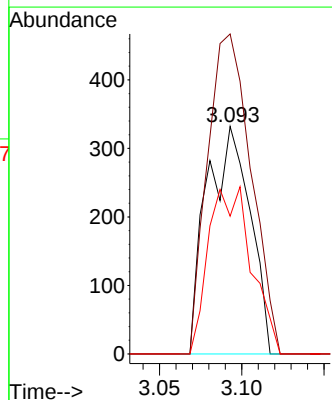
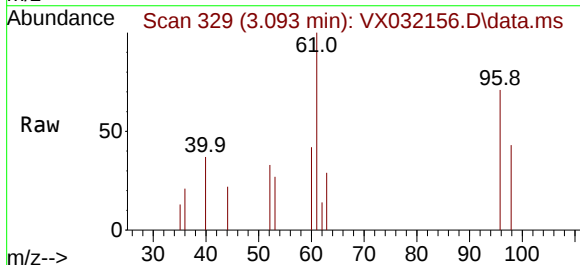
Ion	Ratio	Lower	Upper
84	100		
49	149.5	105.9	158.9
51	20.7	32.2	48.2#
86	76.1	50.8	76.2

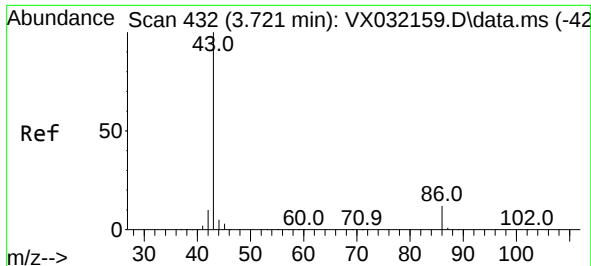


#21
trans-1,2-Dichloroethene
Concen: 0.646 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 96 Resp: 608

Ion	Ratio	Lower	Upper
96	100		
61	140.7	106.7	160.1
98	60.5	48.7	73.1

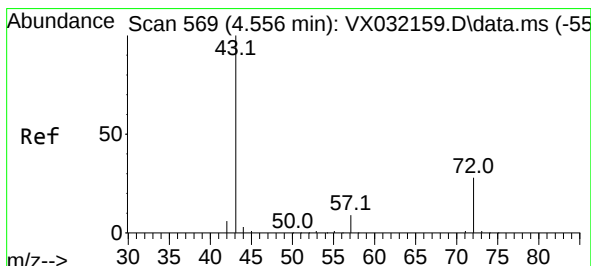
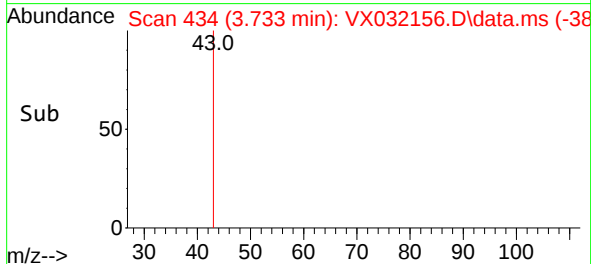
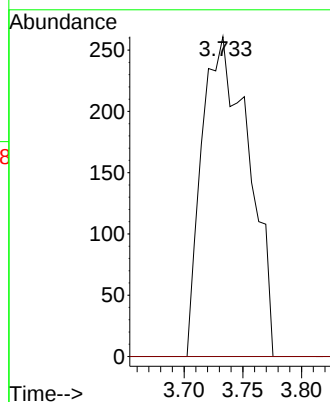
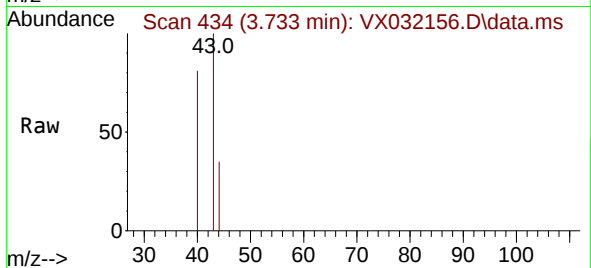




#23
 Vinyl Acetate
 Concen: 0.304 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

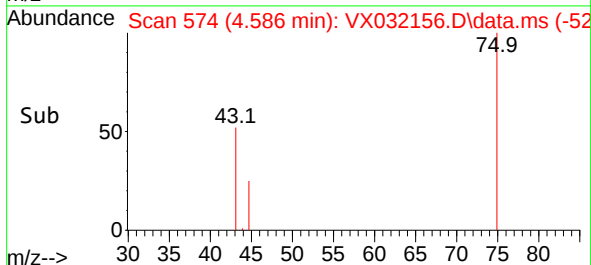
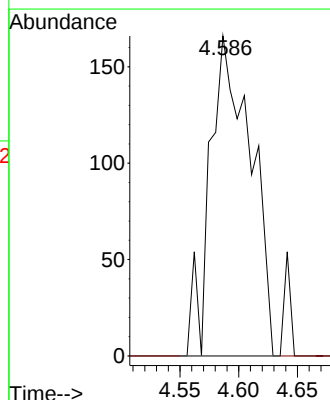
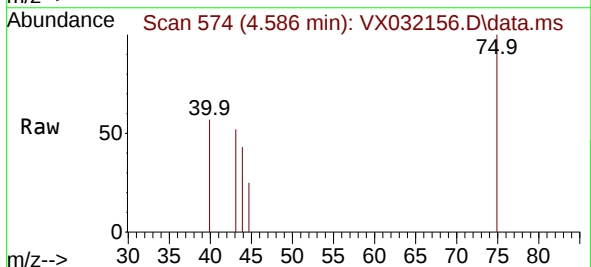
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

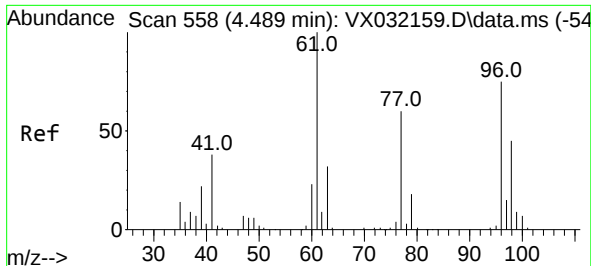
Tgt Ion: 43 Resp: 723
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#25
 2-Butanone
 Concen: 0.577 ug/l
 RT: 4.586 min Scan# 574
 Delta R.T. 0.030 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

Tgt Ion: 43 Resp: 402
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.1 31.7#





#27

cis-1,2-Dichloroethene

Concen: 0.264 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

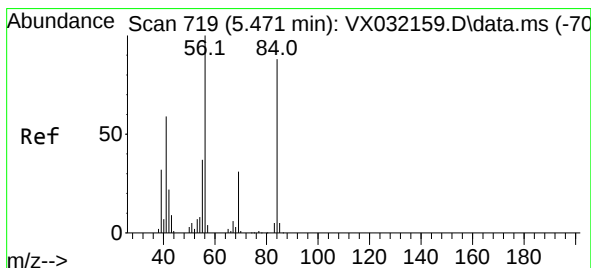
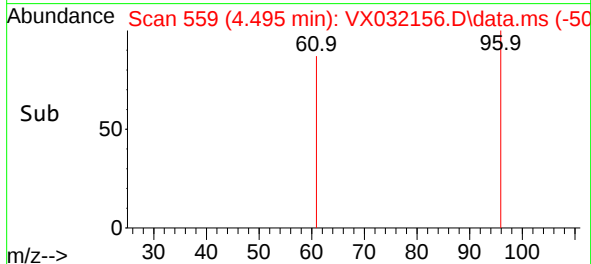
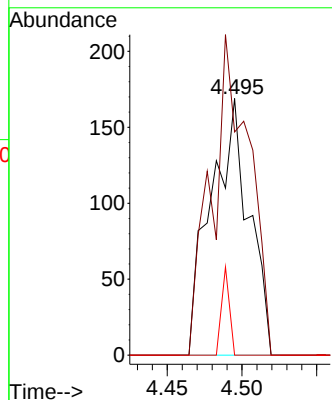
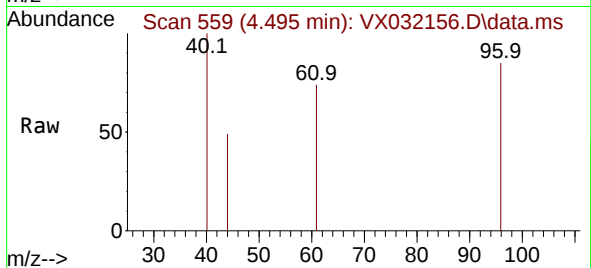
Tgt Ion: 96 Resp: 299

Ion Ratio Lower Upper

96 100

61 122.1 0.0 305.2

98 7.0 0.0 128.4



#31

Cyclohexane

Concen: 0.230 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

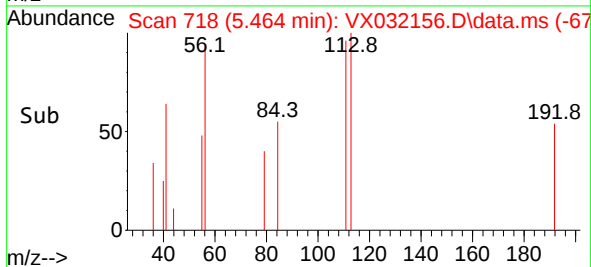
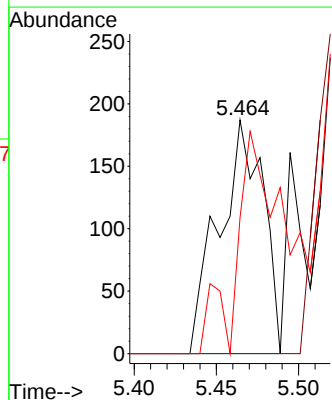
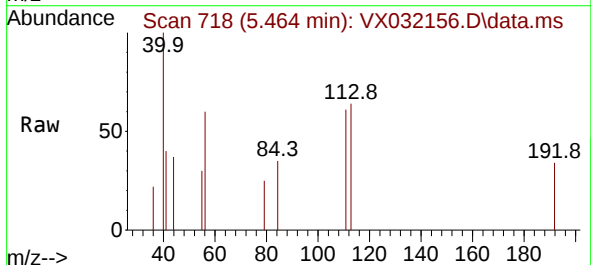
Tgt Ion: 56 Resp: 348

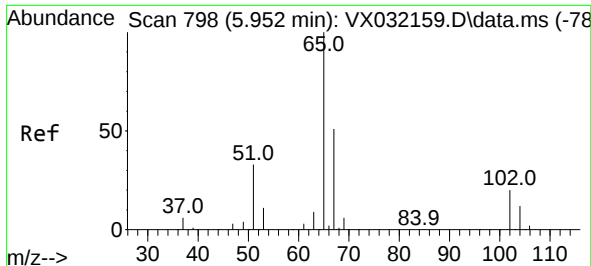
Ion Ratio Lower Upper

56 100

69 0.0 25.1 37.7#

84 58.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 70.228 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

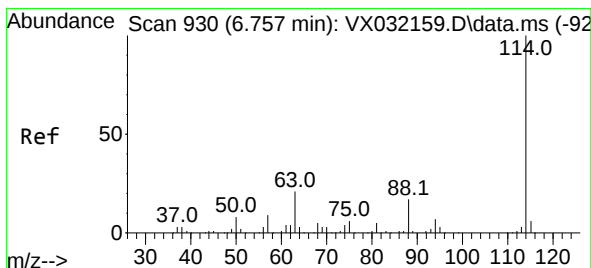
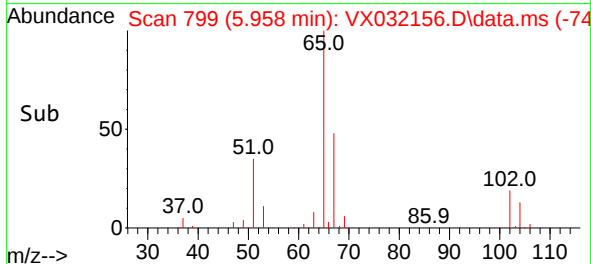
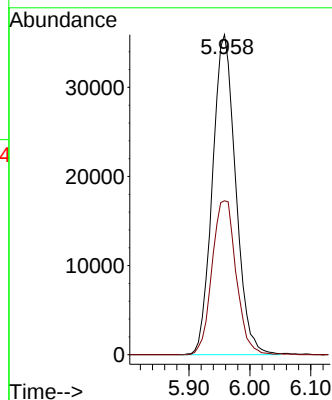
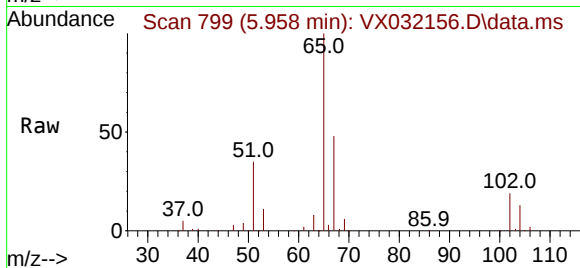
IBLK

Tgt Ion: 65 Resp: 95182

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

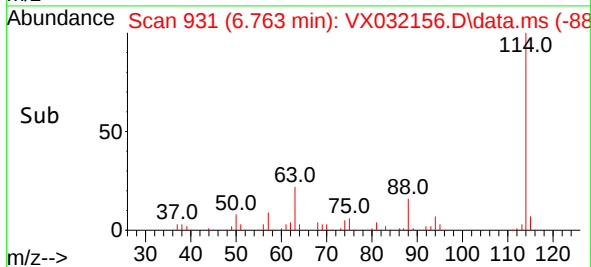
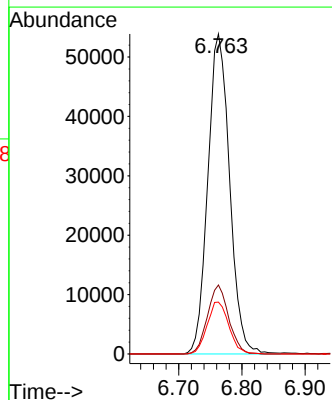
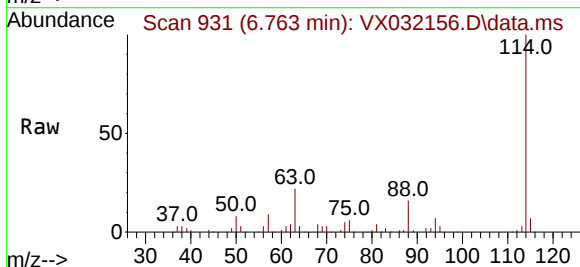
Tgt Ion: 114 Resp: 128769

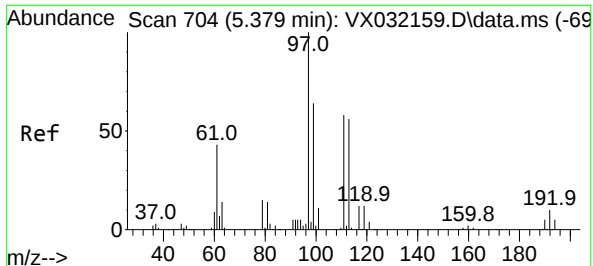
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.2 0.0 33.0

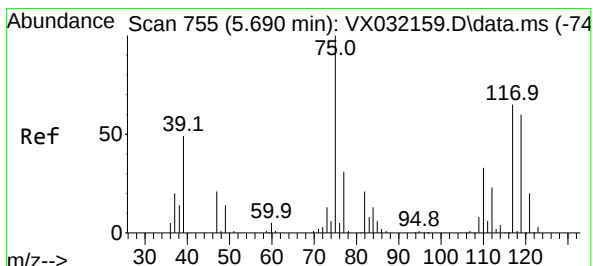
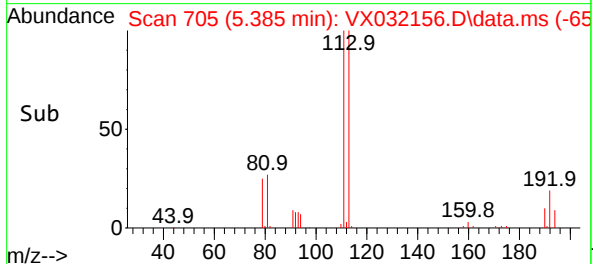
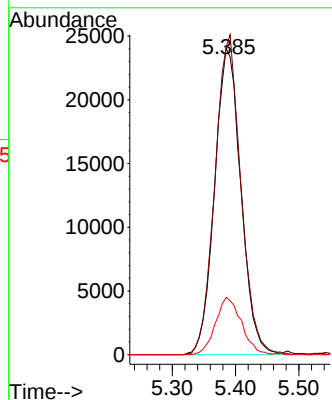
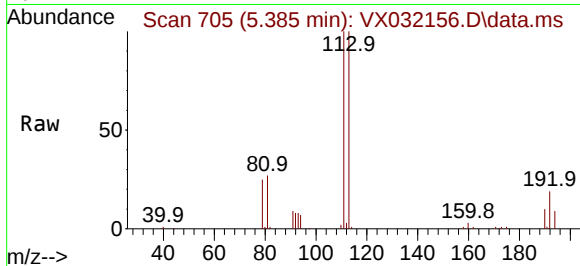




#35
Dibromofluoromethane
Concen: 78.975 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

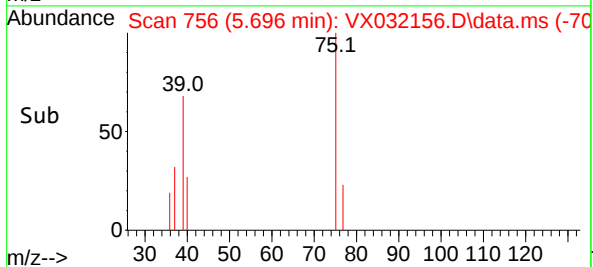
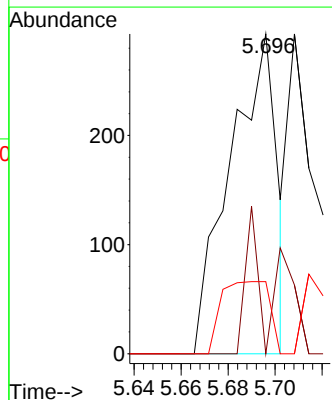
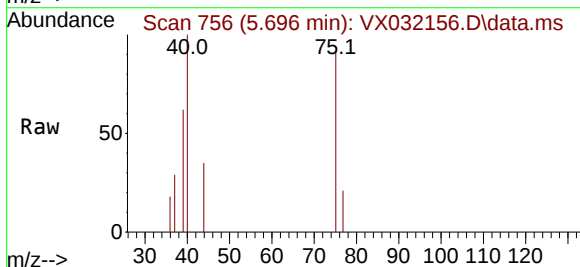
Instrument :
MSVOA_X
ClientSampleId :
IBLK

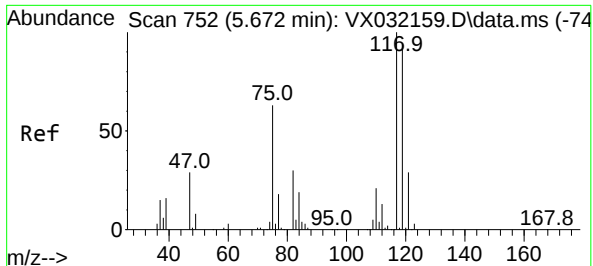
Tgt Ion:113 Resp: 69389
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 0.319 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 75 Resp: 406
Ion Ratio Lower Upper
75 100
110 12.1 17.5 52.5#
77 23.2 24.9 37.3#

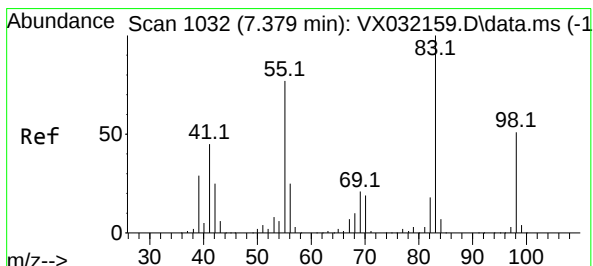
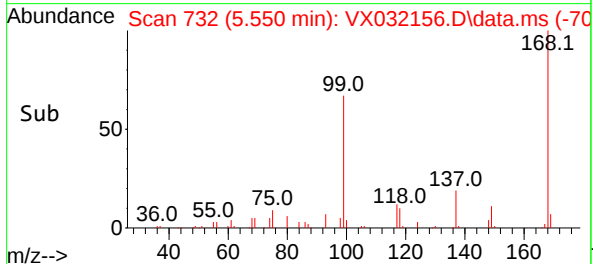
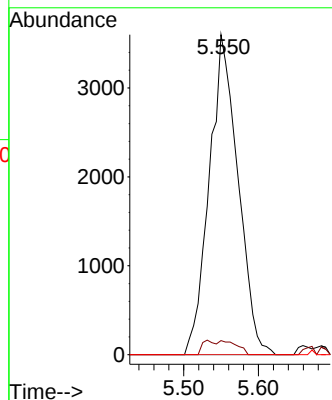
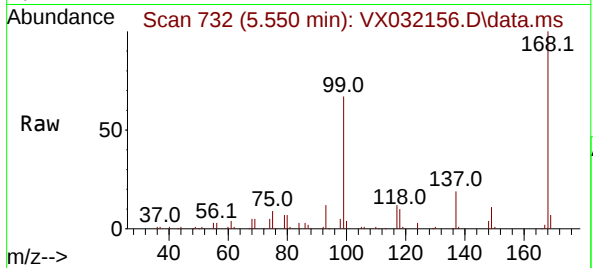




#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

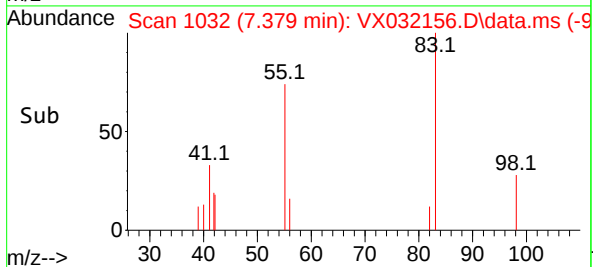
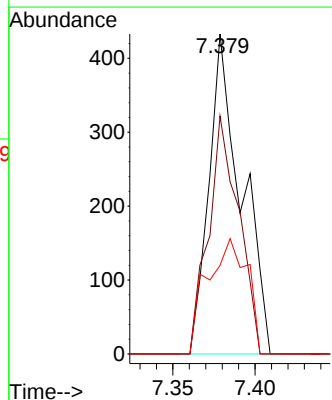
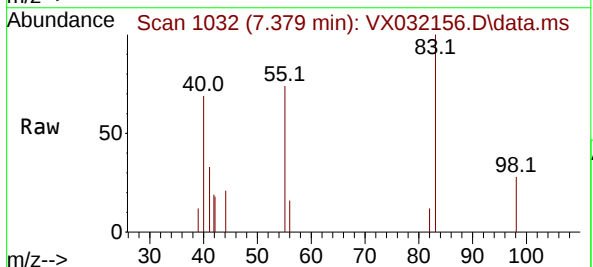
Instrument :
MSVOA_X
ClientSampleId :
IBLK

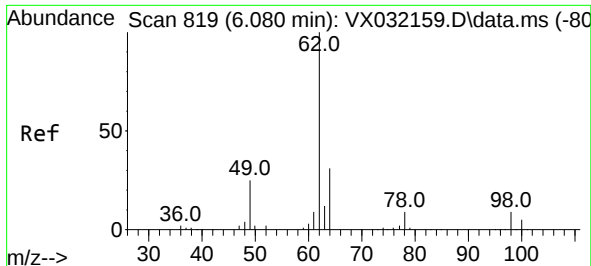
Tgt Ion:117 Resp: 9616
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#



#39
Methylcyclohexane
Concen: 0.389 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 83 Resp: 593
Ion Ratio Lower Upper
83 100
55 74.4 61.0 91.4
98 27.7 37.7 56.5#





#42

1,2-Dichloroethane

Concen: 0.239 ug/l

RT: 6.104 min Scan# 819

Delta R.T. 0.024 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

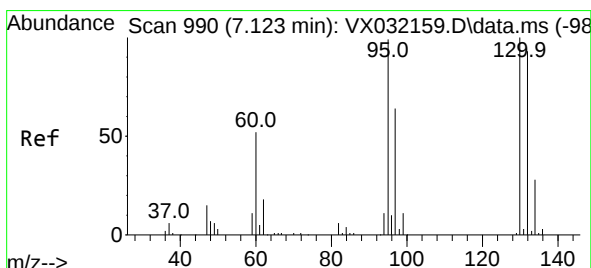
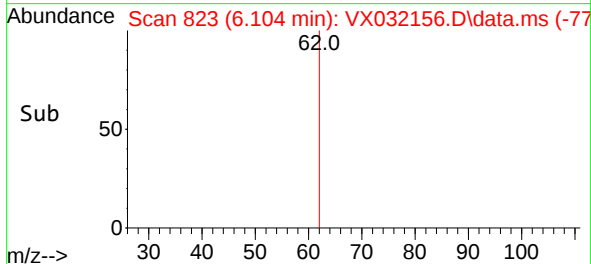
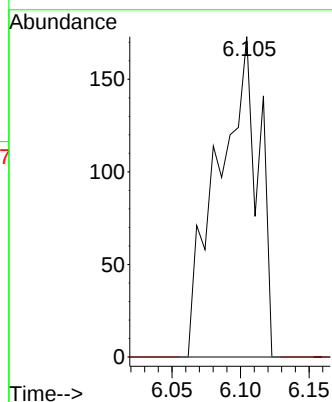
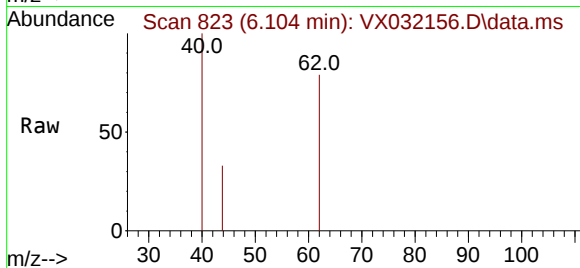
IBLK

Tgt Ion: 62 Resp: 356

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#44

Trichloroethene

Concen: 0.525 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX032156.D

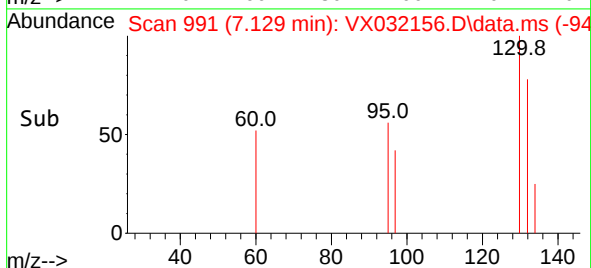
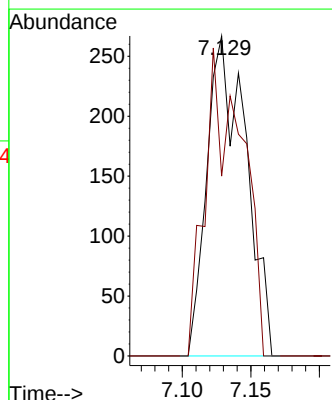
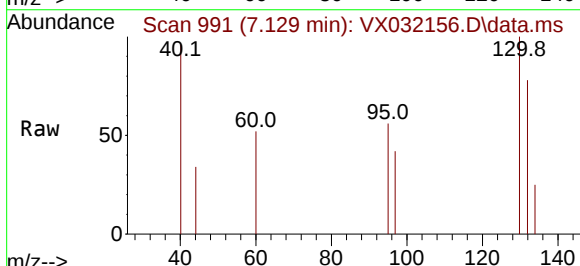
Acq: 17 Oct 2022 14:01

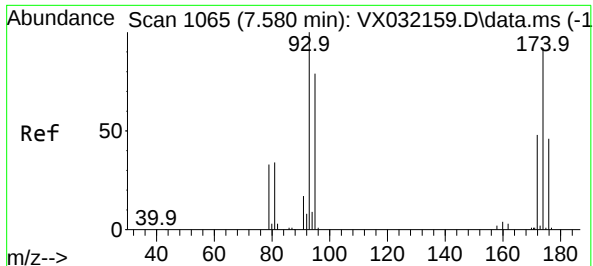
Tgt Ion:130 Resp: 526

Ion Ratio Lower Upper

130 100

95 56.2 0.0 206.8

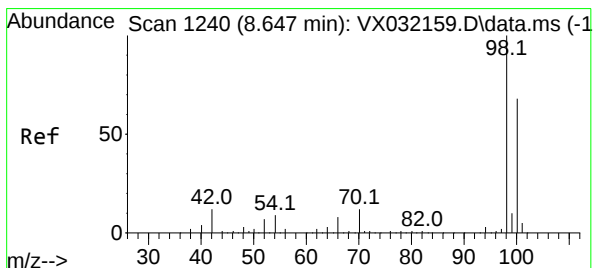
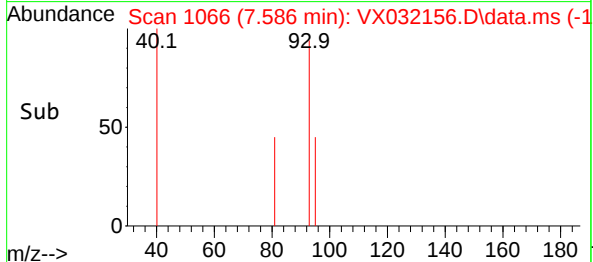
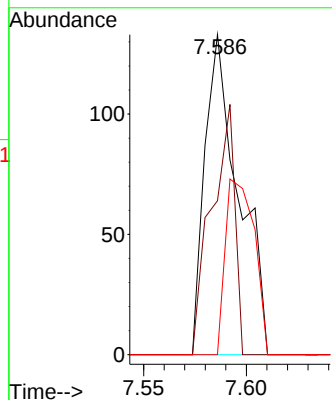
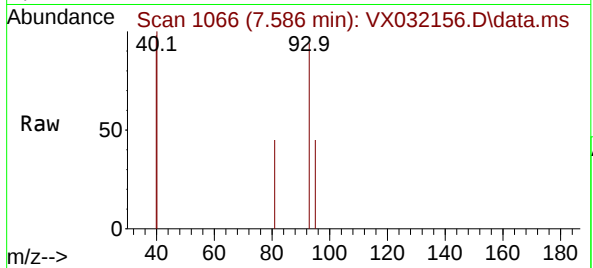




#46
Dibromomethane
Concen: 0.225 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

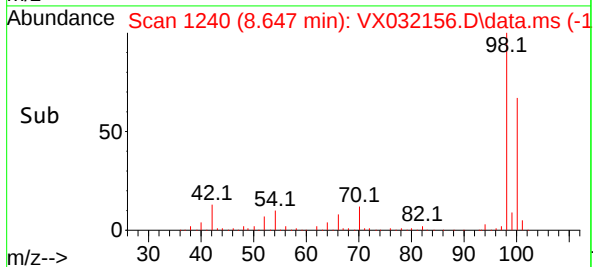
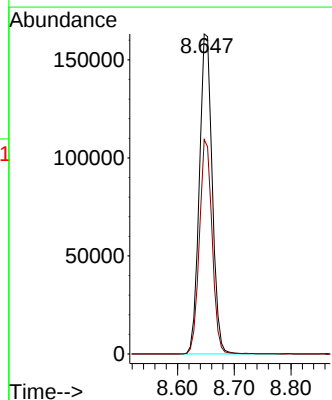
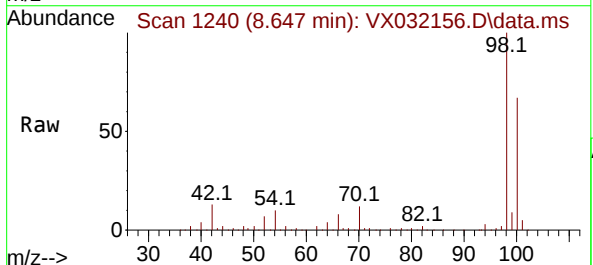
Instrument :
MSVOA_X
ClientSampleId :
IBLK

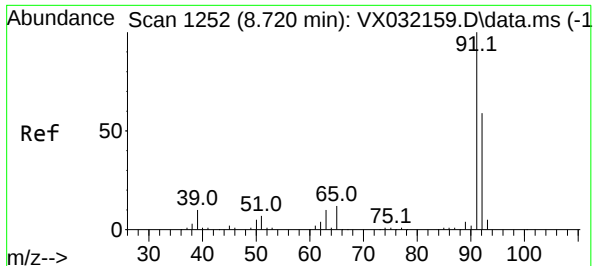
Tgt Ion: 93 Resp: 153
Ion Ratio Lower Upper
93 100
95 53.6 65.5 98.3#
174 46.4 67.6 101.4#



#50
Toluene-d8
Concen: 83.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 98 Resp: 257286
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#52

Toluene

Concen: 0.219 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

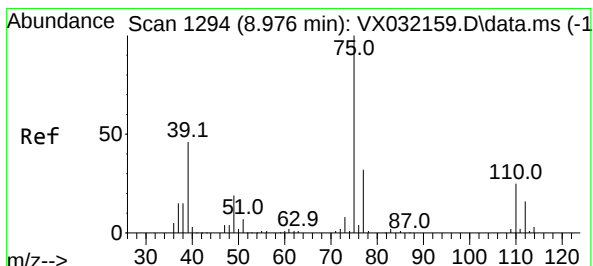
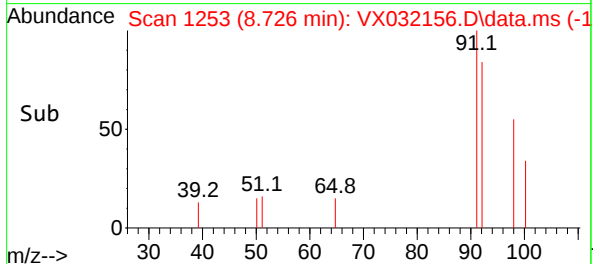
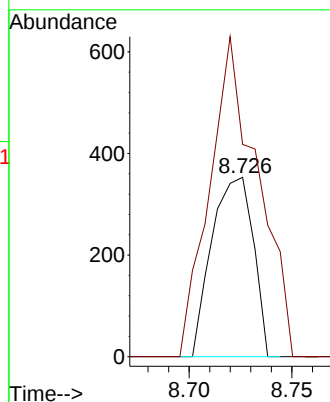
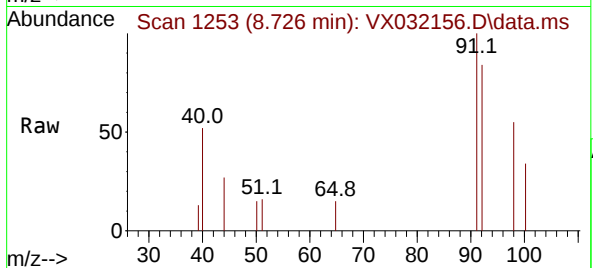
IBLK

Tgt Ion: 92 Resp: 495

Ion Ratio Lower Upper

92 100

91 206.7 137.1 205.7#



#53

t-1,3-Dichloropropene

Concen: 0.247 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX032156.D

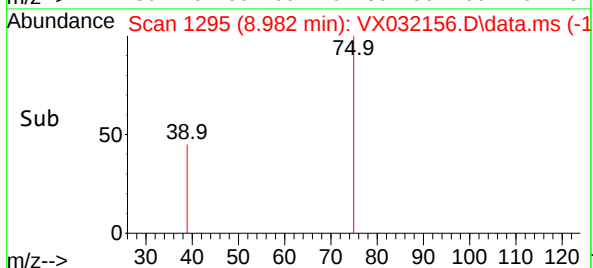
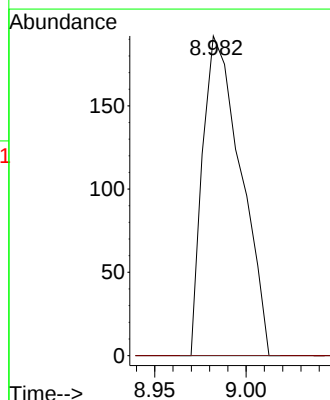
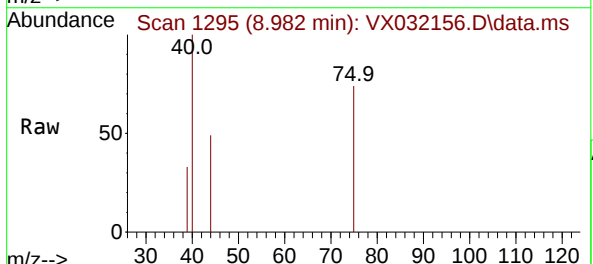
Acq: 17 Oct 2022 14:01

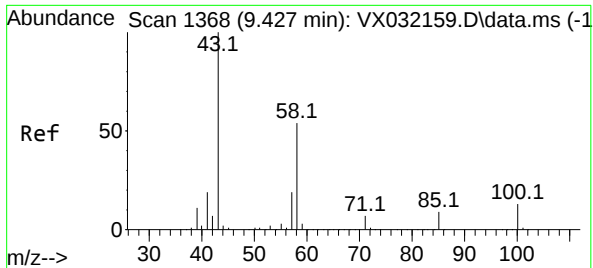
Tgt Ion: 75 Resp: 279

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#





#59

2-Hexanone

Concen: 0.231 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

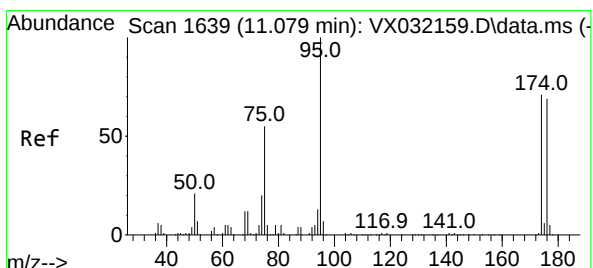
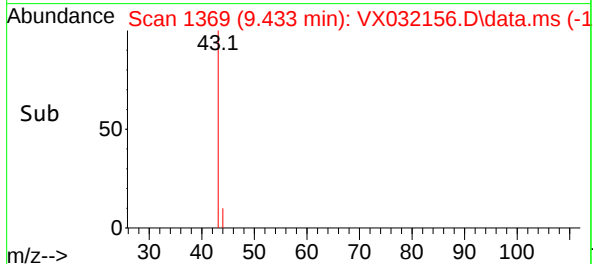
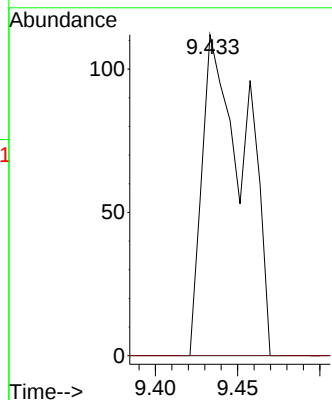
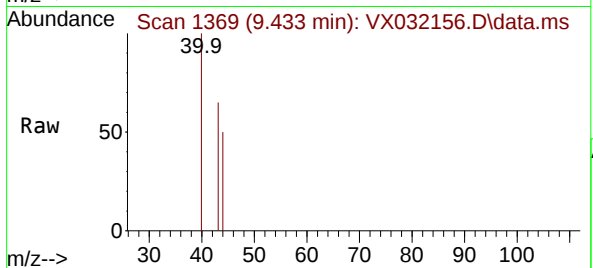
IBLK

Tgt Ion: 43 Resp: 202

Ion Ratio Lower Upper

43 100

58 0.0 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 75.131 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

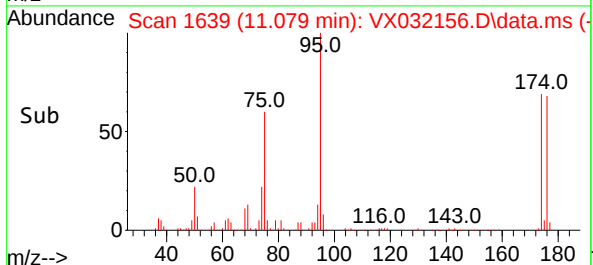
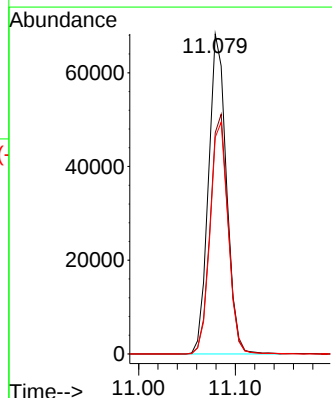
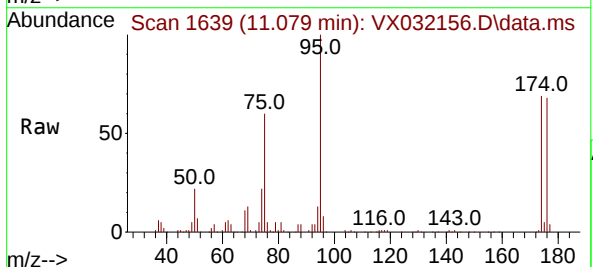
Tgt Ion: 95 Resp: 88155

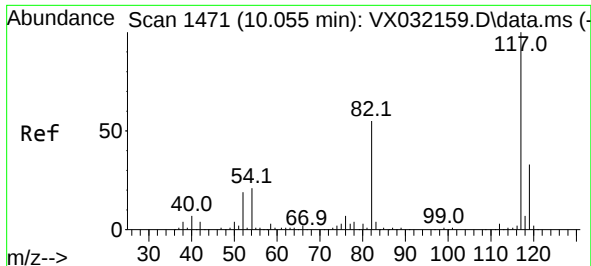
Ion Ratio Lower Upper

95 100

174 75.3 0.0 153.2

176 72.6 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

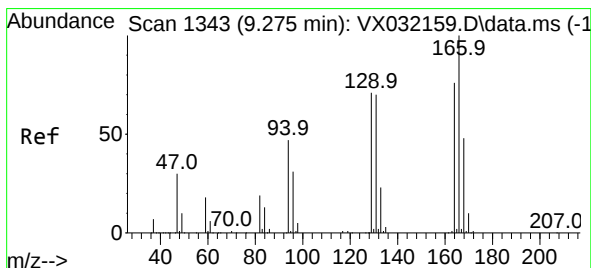
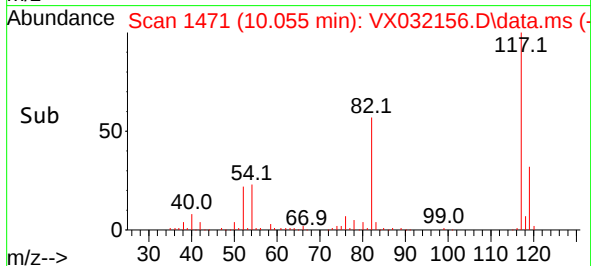
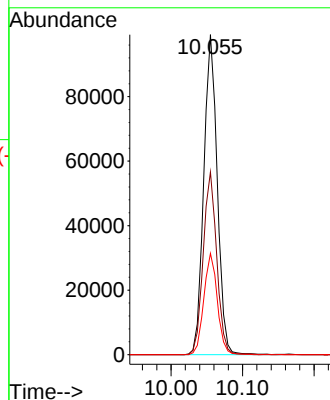
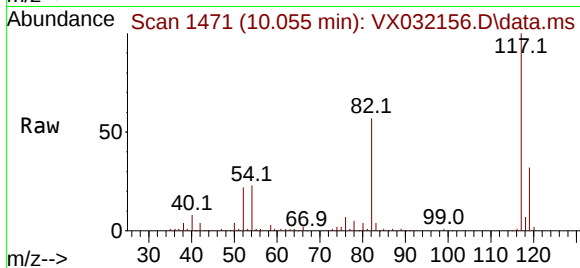
Tgt Ion:117 Resp: 130256

Ion Ratio Lower Upper

117 100

82 57.1 46.8 70.2

119 31.7 26.4 39.6



#64

Tetrachloroethene

Concen: 0.466 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Tgt Ion:164 Resp: 504

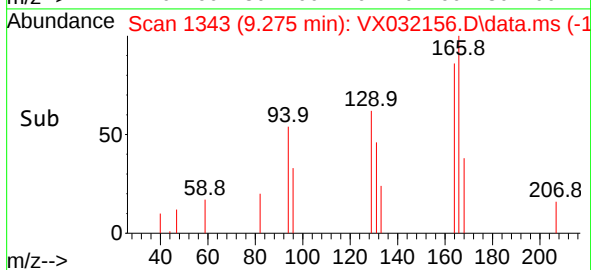
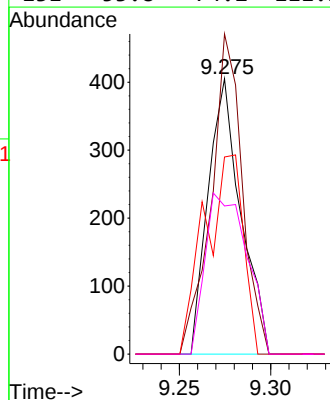
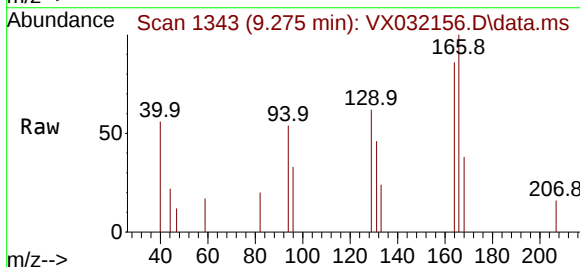
Ion Ratio Lower Upper

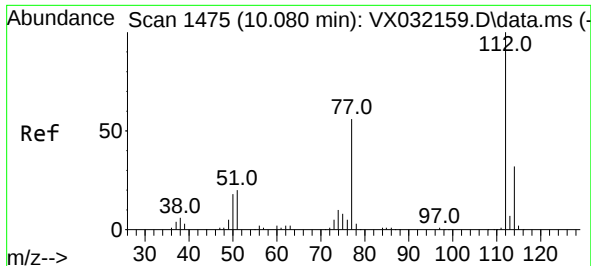
164 100

166 116.3 99.0 148.4

129 71.6 78.0 117.0#

131 53.8 74.2 111.2#





#65

Chlorobenzene

Concen: 0.292 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

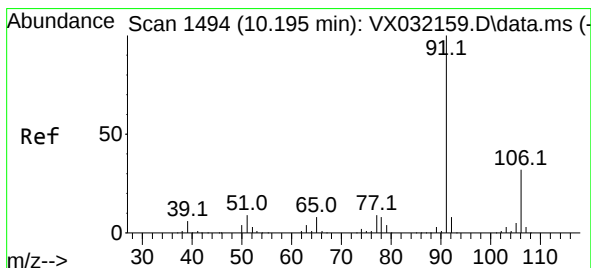
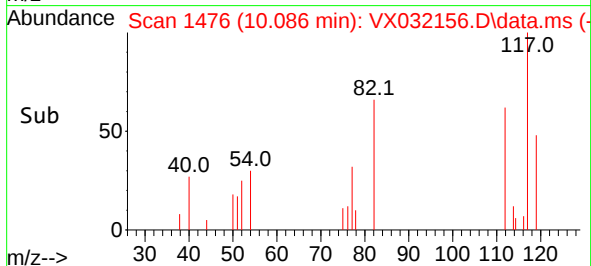
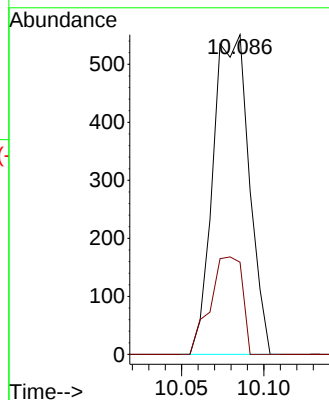
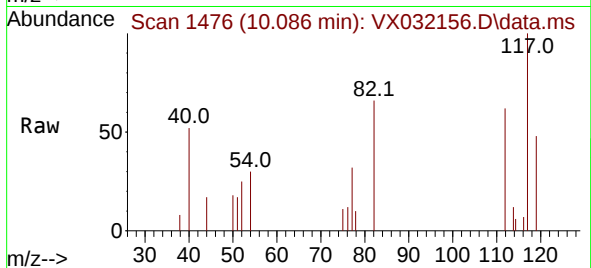
IBLK

Tgt Ion:112 Resp: 835

Ion Ratio Lower Upper

112 100

114 28.9 25.7 38.5



#67

Ethyl Benzene

Concen: 0.264 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX032156.D

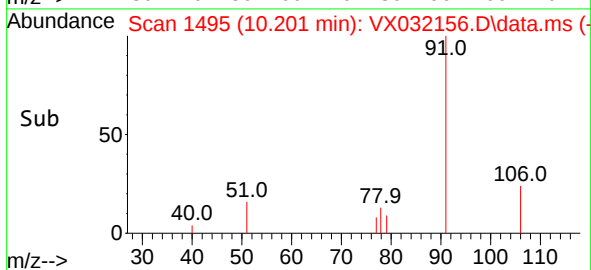
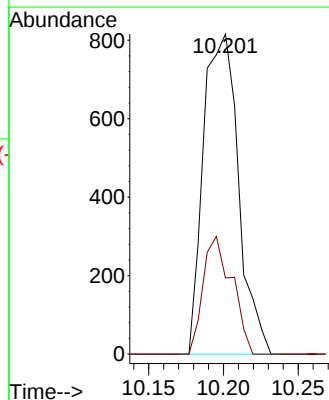
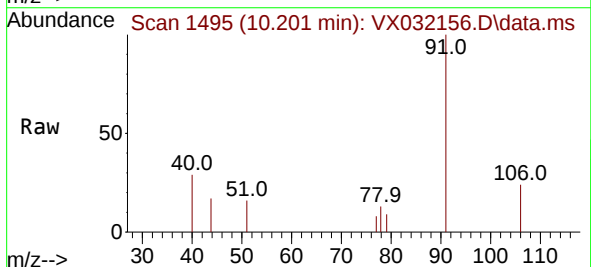
Acq: 17 Oct 2022 14:01

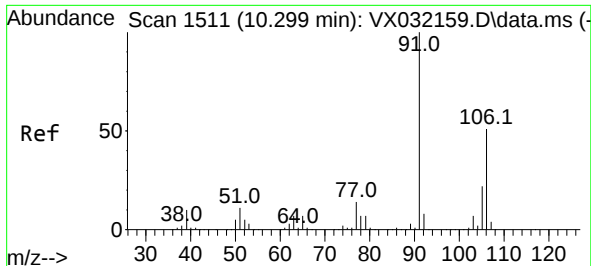
Tgt Ion: 91 Resp: 1327

Ion Ratio Lower Upper

91 100

106 23.8 25.2 37.8#

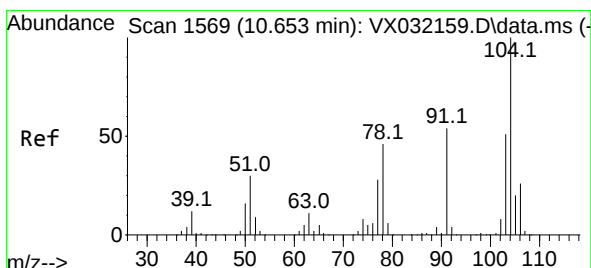
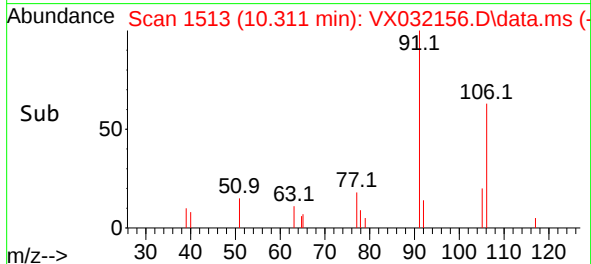
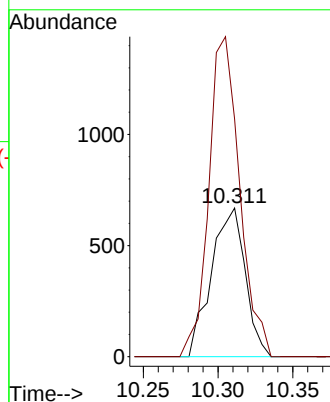
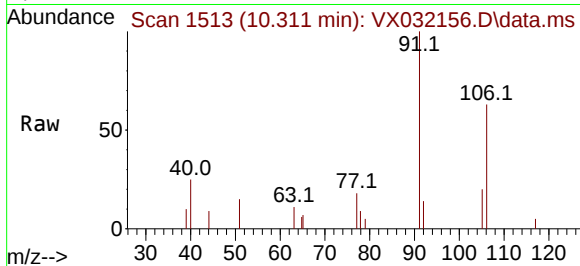




#68
m/p-Xylenes
Concen: 0.547 ug/l
RT: 10.311 min Scan# 1511
Delta R.T. 0.012 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

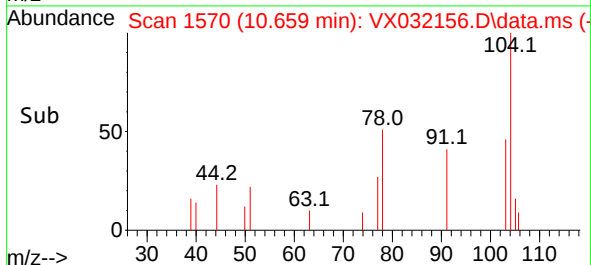
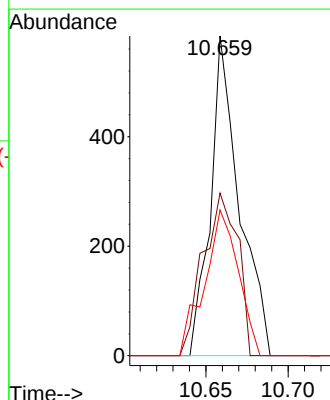
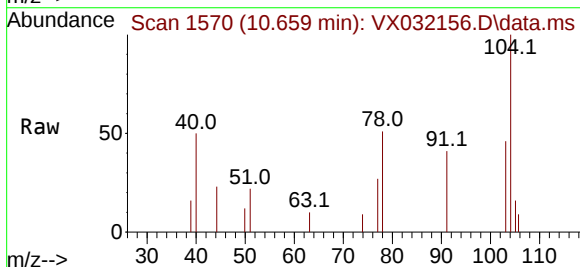
Instrument :
MSVOA_X
ClientSampleId :
IBLK

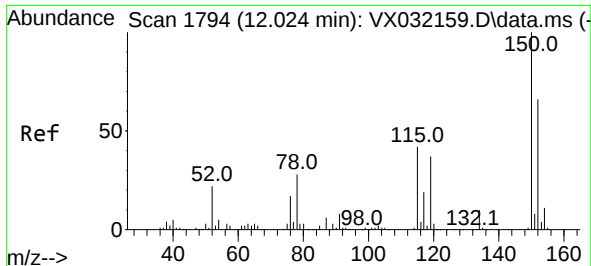
Tgt Ion:106 Resp: 1055
Ion Ratio Lower Upper
106 100
91 196.3 161.0 241.4



#70
Styrene
Concen: 0.231 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion:104 Resp: 709
Ion Ratio Lower Upper
104 100
78 61.2 41.4 62.2
103 53.5 43.8 65.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

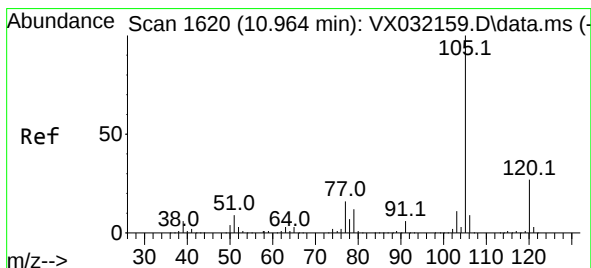
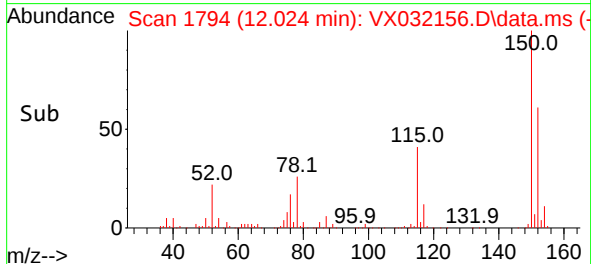
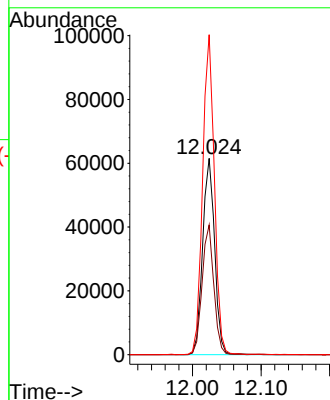
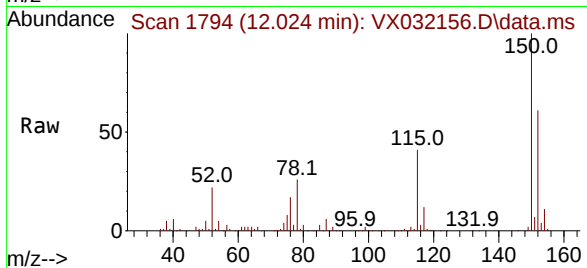
Tgt Ion:152 Resp: 75325

Ion Ratio Lower Upper

152 100

115 64.4 43.4 130.1

150 158.7 0.0 346.8



#73

Isopropylbenzene

Concen: 0.223 ug/l

RT: 10.969 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VX032156.D

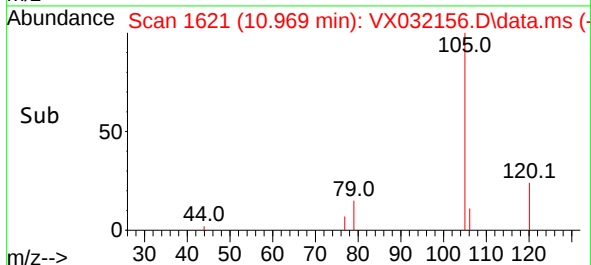
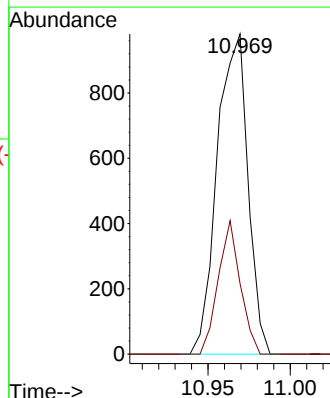
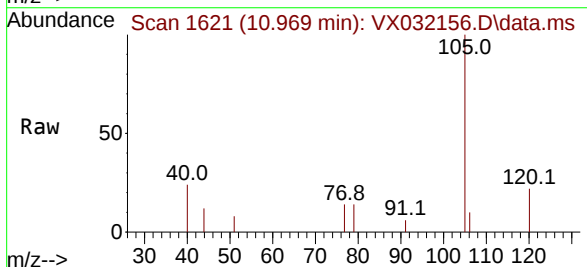
Acq: 17 Oct 2022 14:01

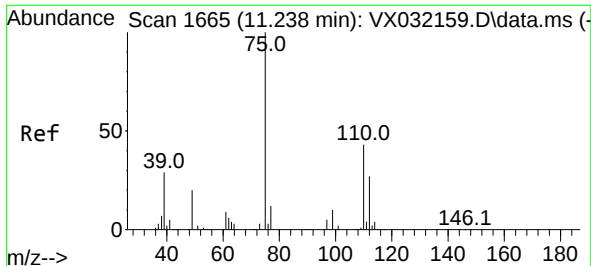
Tgt Ion:105 Resp: 1270

Ion Ratio Lower Upper

105 100

120 30.0 13.7 41.0

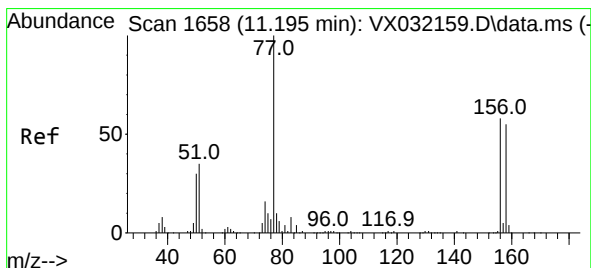
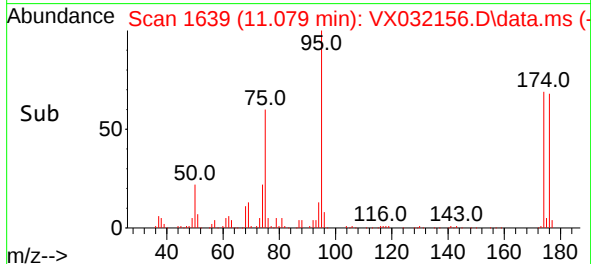
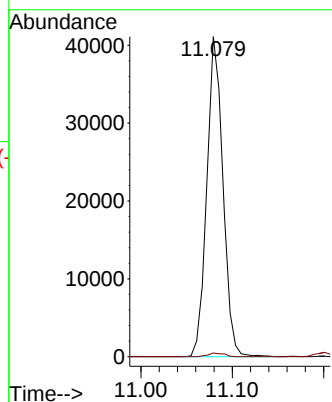
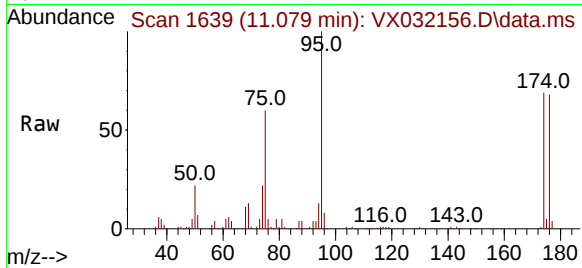




#76
1,2,3-Trichloropropane
Concen: 30.288 ug/l
RT: 11.079 min Scan# 1660
Delta R.T. -0.159 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

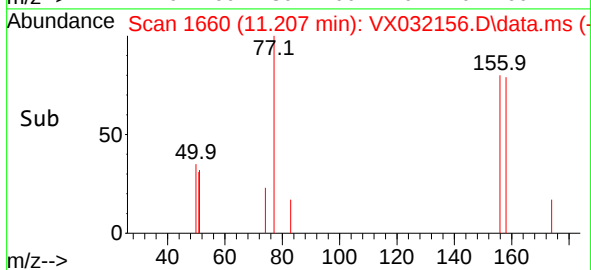
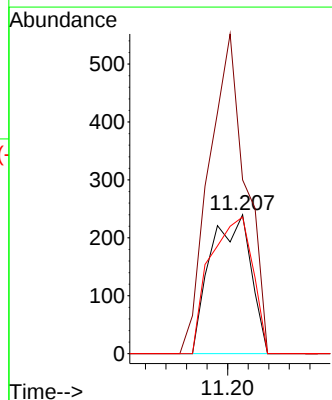
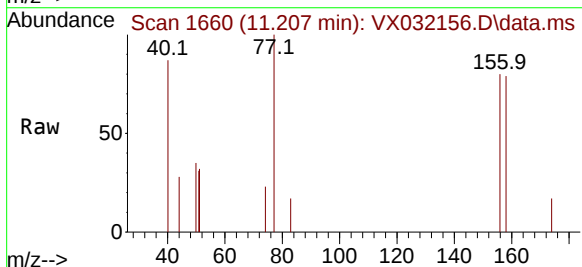
Instrument :
MSVOA_X
ClientSampleId :
IBLK

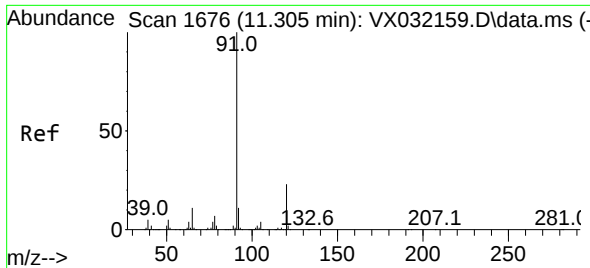
Tgt Ion: 75 Resp: 50366
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#77
Bromobenzene
Concen: 0.236 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 156 Resp: 327
Ion Ratio Lower Upper
156 100
77 209.5 79.5 238.6
158 103.7 48.4 145.3

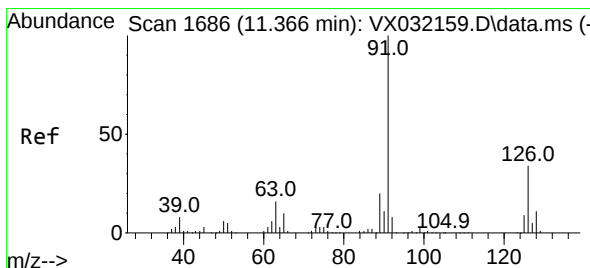
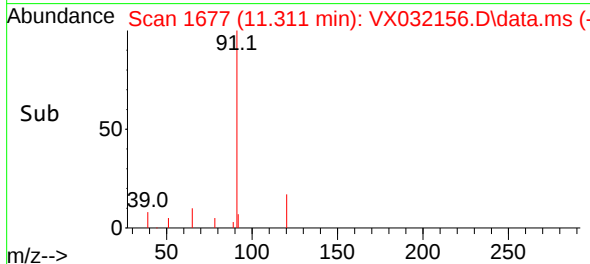
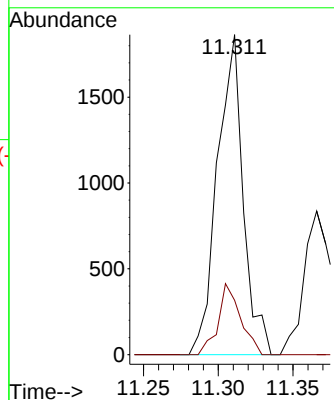
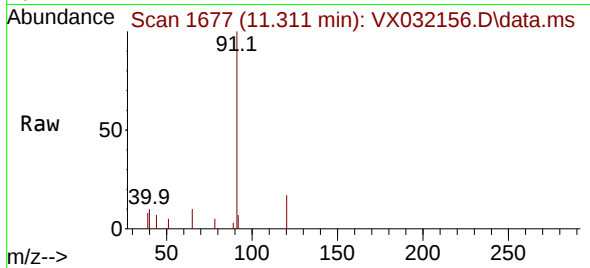




#78
n-propylbenzene
Concen: 0.328 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

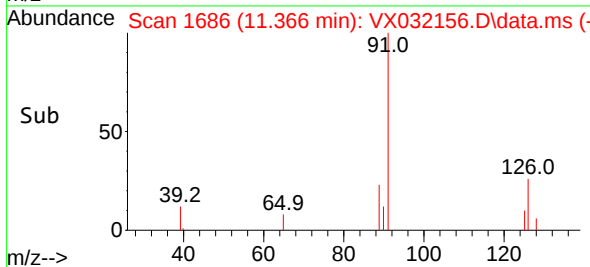
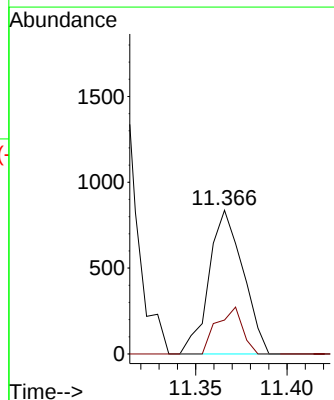
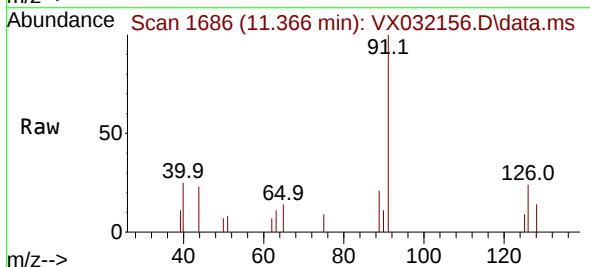
Instrument :
MSVOA_X
ClientSampleId :
IBLK

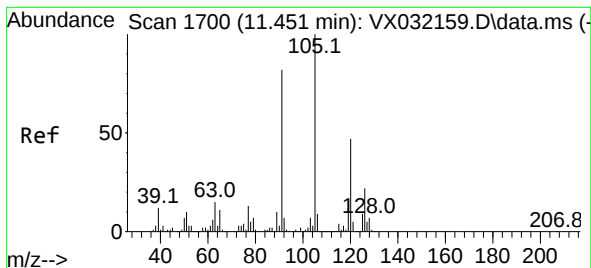
Tgt Ion: 91 Resp: 2238
Ion Ratio Lower Upper
91 100
120 19.3 11.8 35.4



#79
2-Chlorotoluene
Concen: 0.258 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 91 Resp: 1088
Ion Ratio Lower Upper
91 100
126 24.4 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 0.258 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

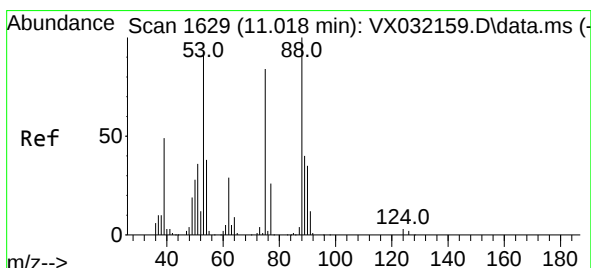
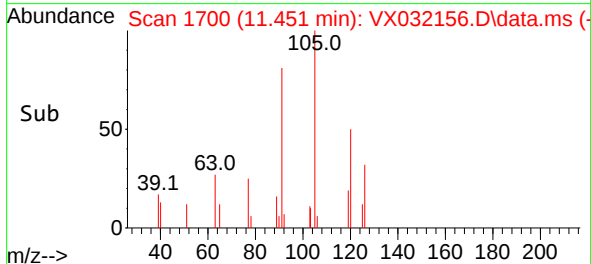
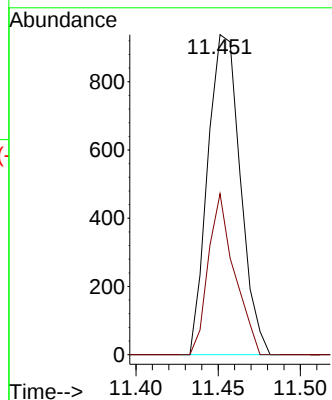
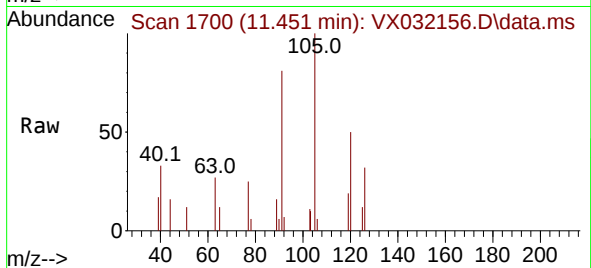
IBLK

Tgt Ion:105 Resp: 1295

Ion Ratio Lower Upper

105 100

120 40.2 24.5 73.5



#81

trans-1,4-Dichloro-2-butene

Concen: 118.716 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

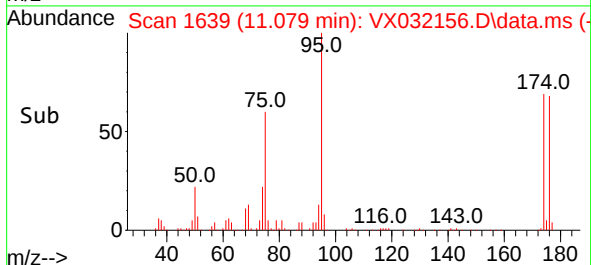
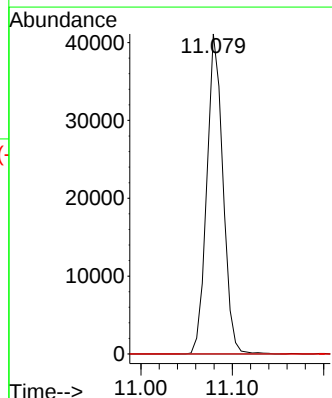
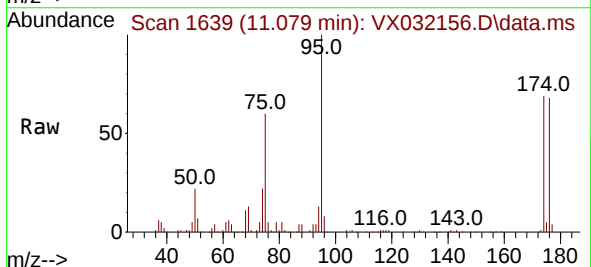
Tgt Ion: 75 Resp: 50366

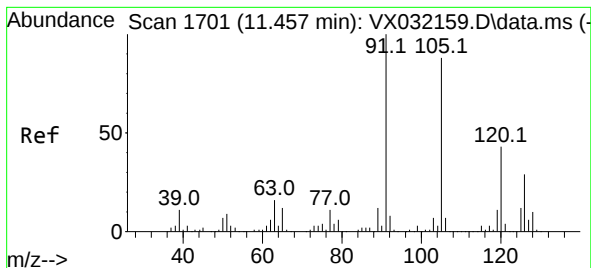
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.4 56.0#

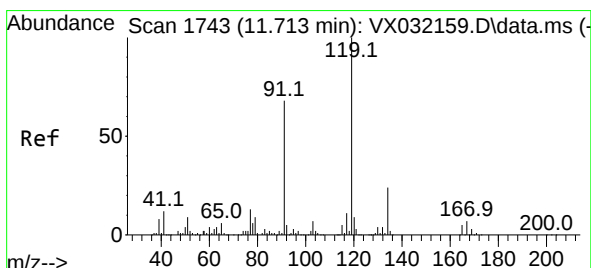
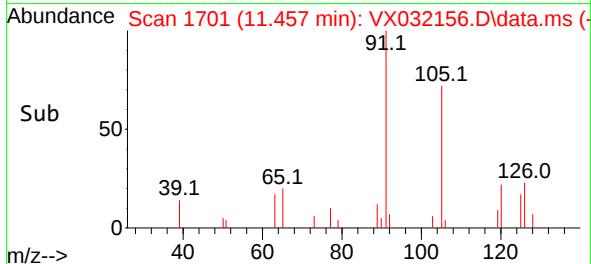
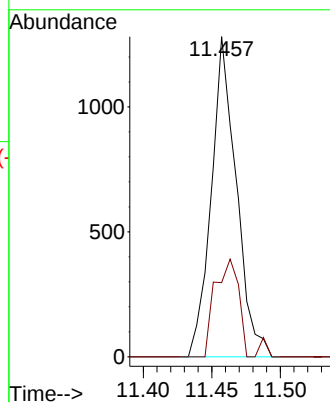
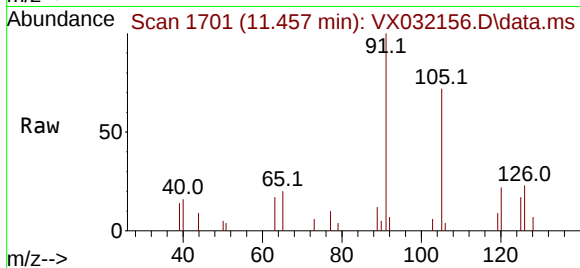




#82
4-Chlorotoluene
Concen: 0.331 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

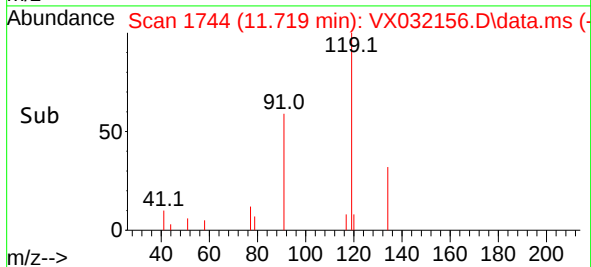
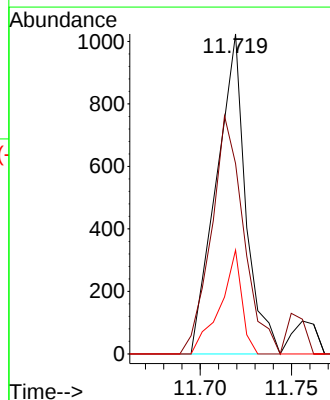
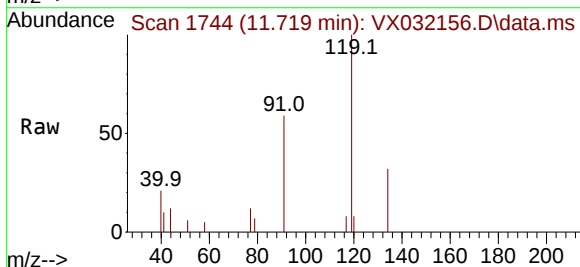
Instrument :
MSVOA_X
ClientSampleId :
IBLK

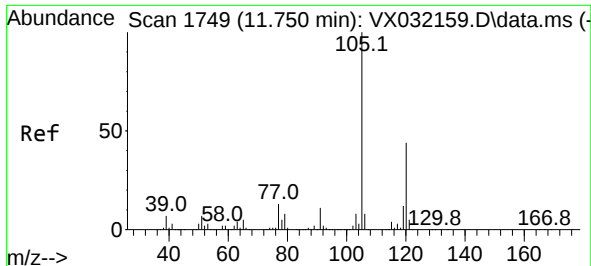
Tgt Ion: 91 Resp: 1628
Ion Ratio Lower Upper
91 100
126 28.7 15.1 45.3



#83
tert-Butylbenzene
Concen: 0.232 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 119 Resp: 1147
Ion Ratio Lower Upper
119 100
91 81.8 29.2 87.6
134 23.8 11.6 34.8

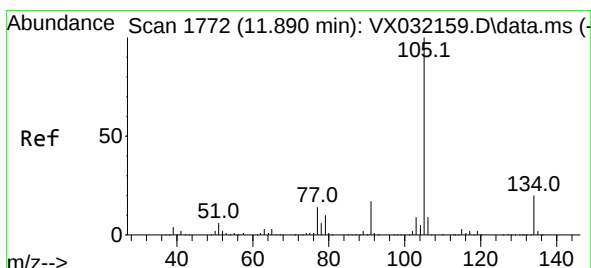
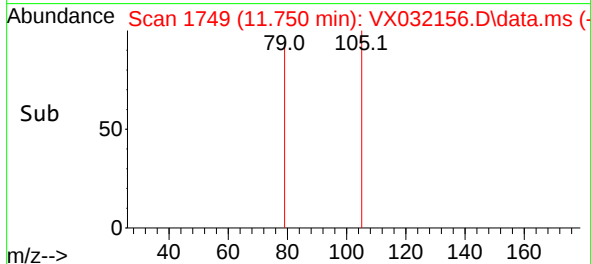
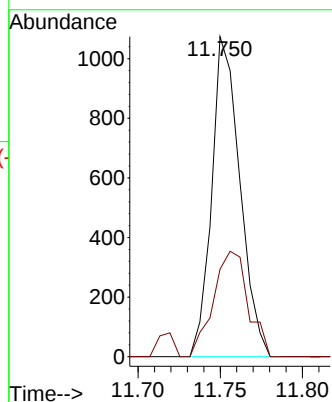
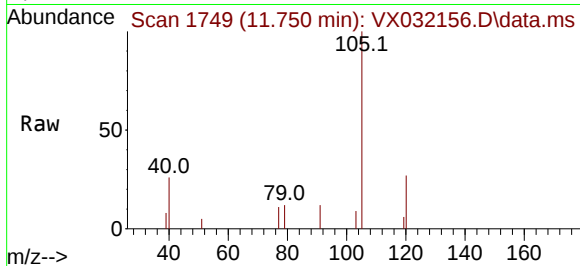




#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

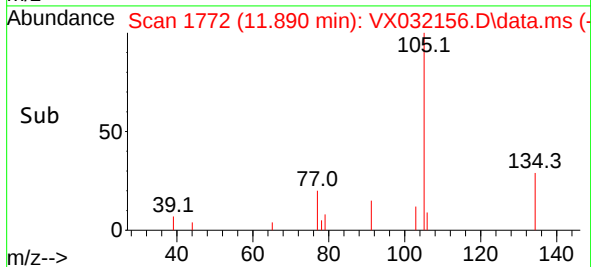
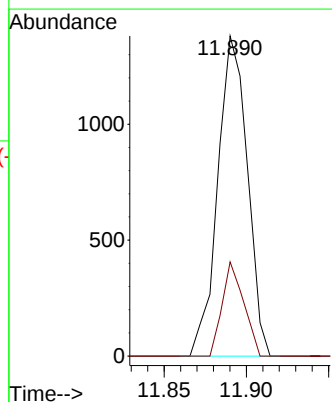
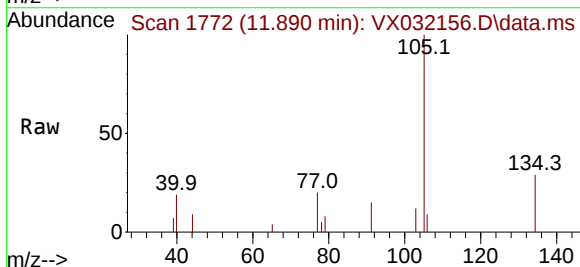
Instrument :
MSVOA_X
ClientSampleId :
IBLK

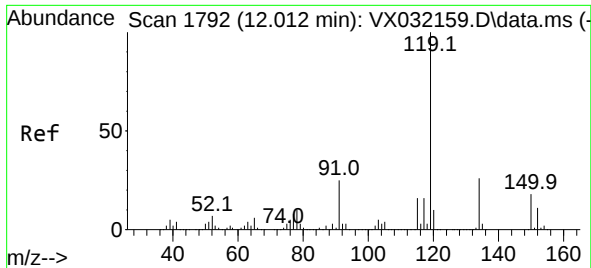
Tgt Ion:105 Resp: 1277
Ion Ratio Lower Upper
105 100
120 40.9 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.280 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion:105 Resp: 1730
Ion Ratio Lower Upper
105 100
134 21.3 10.4 31.1

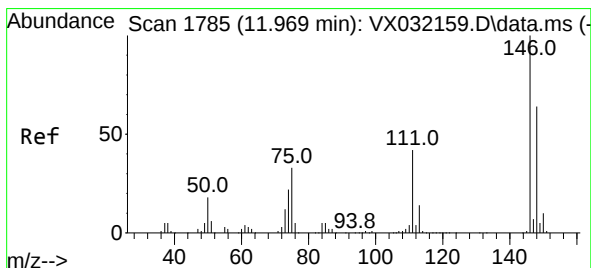
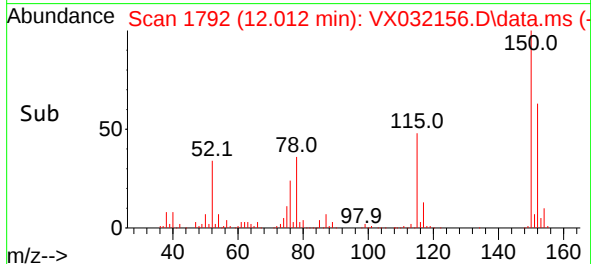
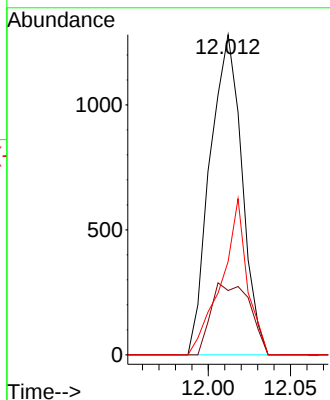
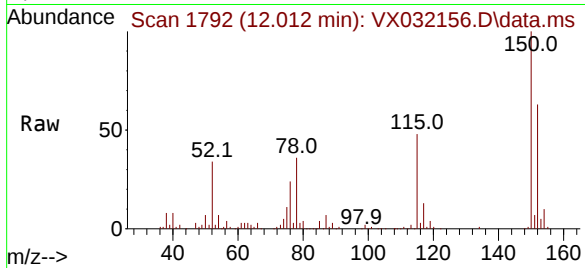




#86
 p-Isopropyltoluene
 Concen: 0.336 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

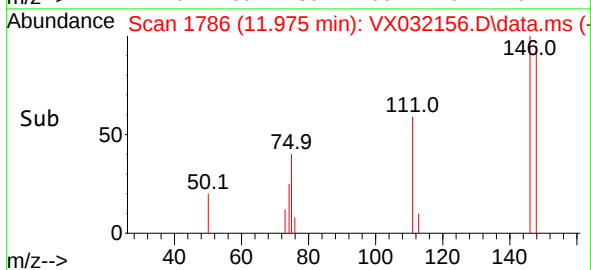
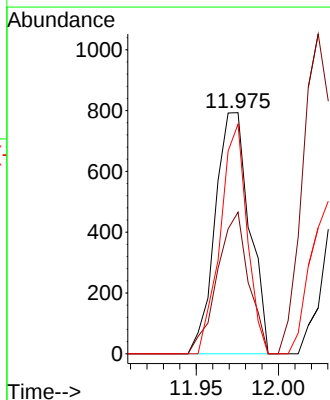
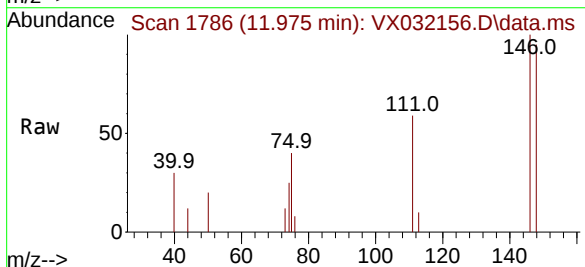
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

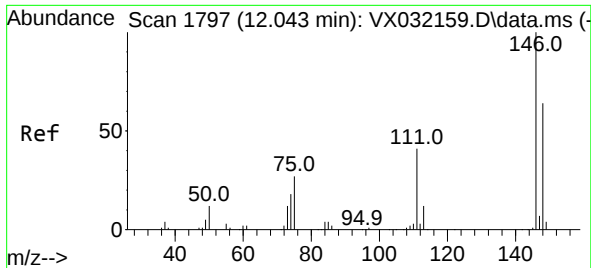
Tgt Ion:119 Resp: 1730
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 39.4 12.4 37.2#



#87
 1,3-Dichlorobenzene
 Concen: 0.428 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

Tgt Ion:146 Resp: 1148
 Ion Ratio Lower Upper
 146 100
 111 53.7 19.8 59.4
 148 74.7 31.5 94.5

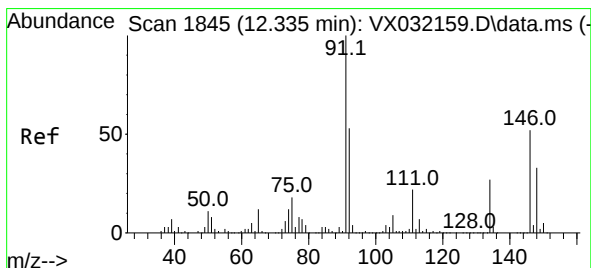
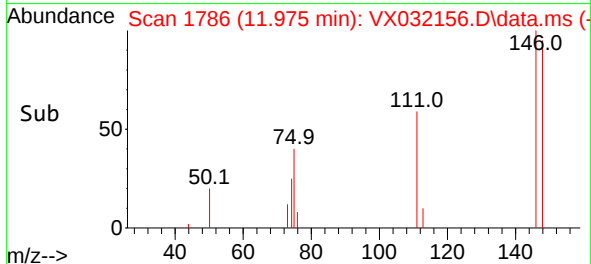
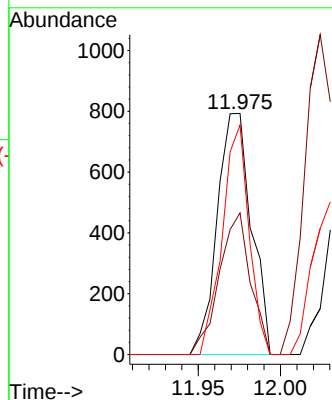
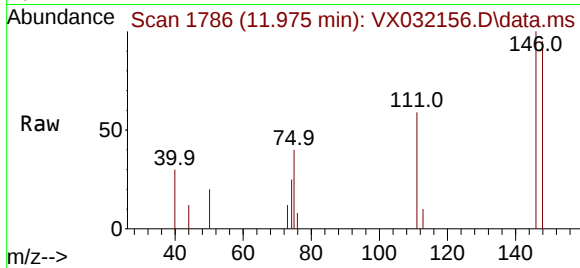




#88
1,4-Dichlorobenzene
Concen: 0.425 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

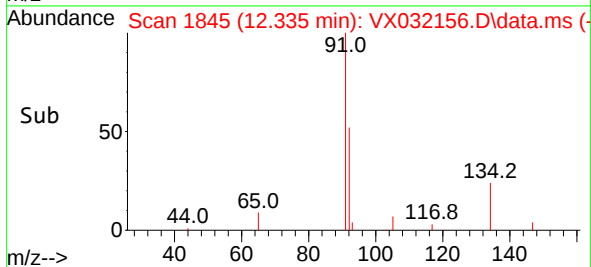
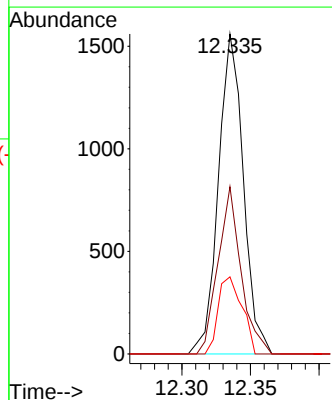
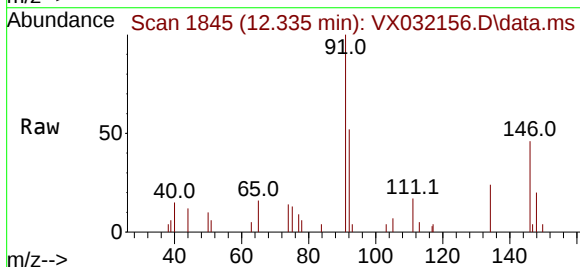
Instrument :
MSVOA_X
ClientSampleId :
IBLK

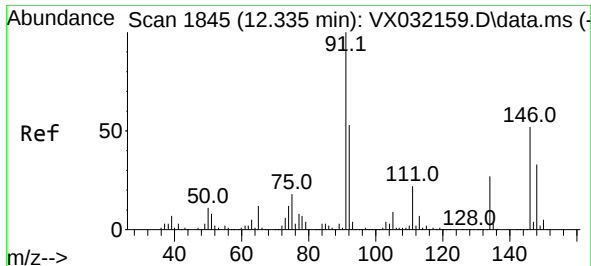
Tgt Ion:146 Resp: 1148
Ion Ratio Lower Upper
146 100
111 53.7 20.5 61.5
148 74.7 32.0 96.2



#89
n-Butylbenzene
Concen: 0.464 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion: 91 Resp: 1970
Ion Ratio Lower Upper
91 100
92 48.4 27.0 81.0
134 23.0 13.3 39.9





#91

1,2-Dichlorobenzene

Concen: 0.312 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

Instrument :

MSVOA_X

ClientSampleId :

IBLK

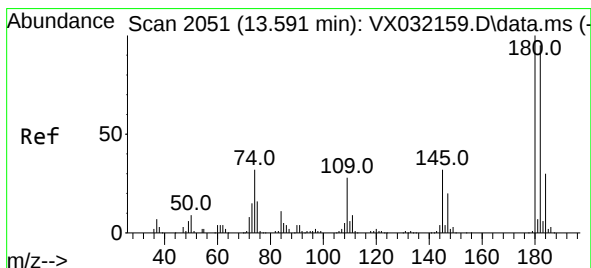
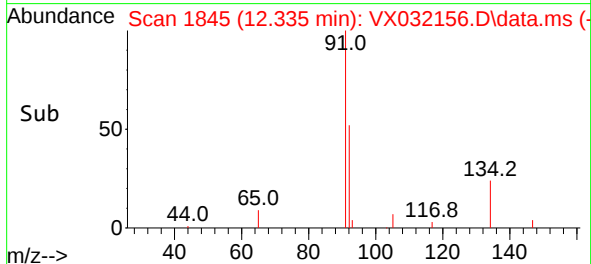
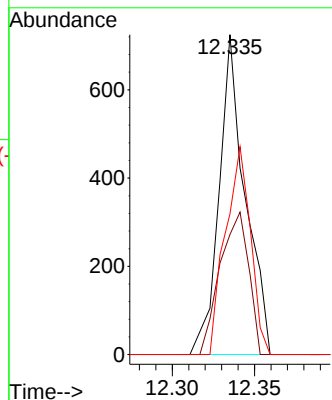
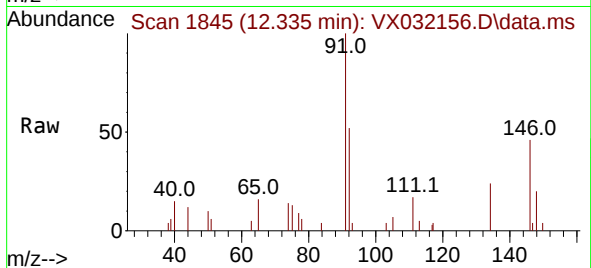
Tgt Ion:146 Resp: 798

Ion Ratio Lower Upper

146 100

111 48.9 20.6 61.8

148 62.7 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 0.617 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032156.D

Acq: 17 Oct 2022 14:01

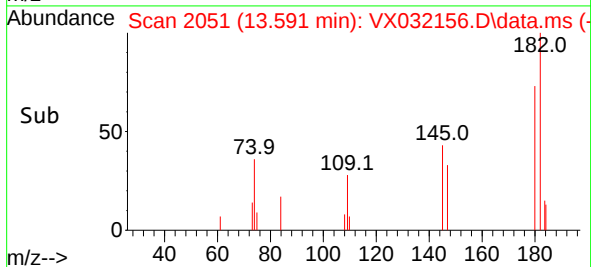
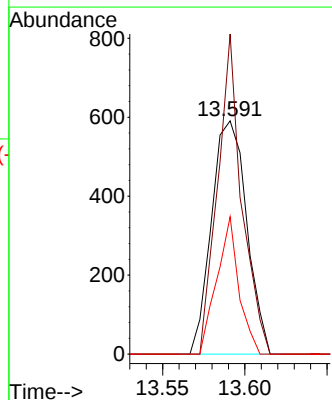
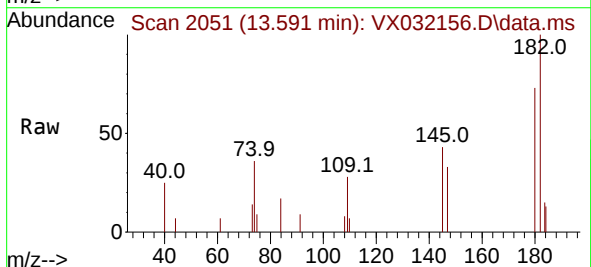
Tgt Ion:180 Resp: 878

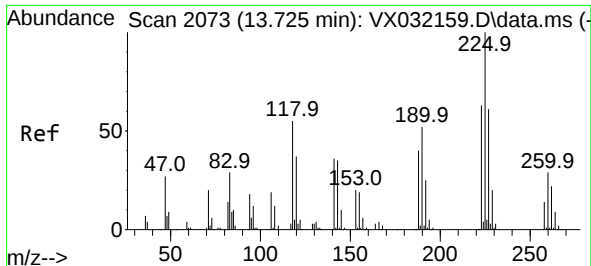
Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 36.9 16.7 50.1

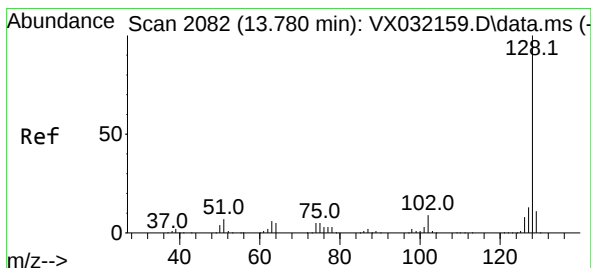
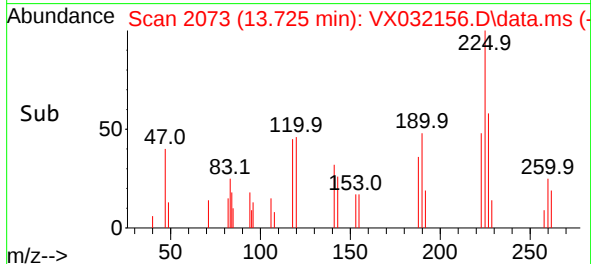
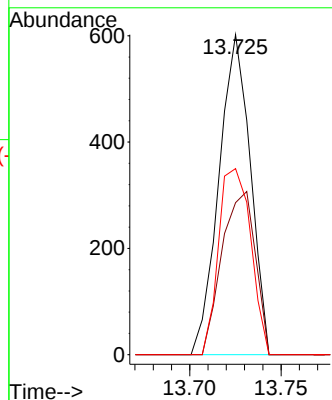
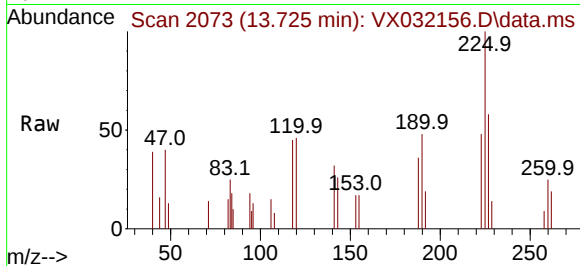




#94
Hexachlorobutadiene
Concen: 1.206 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

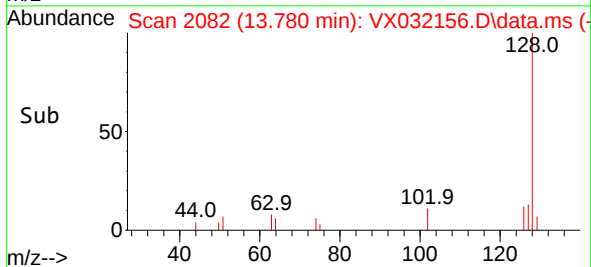
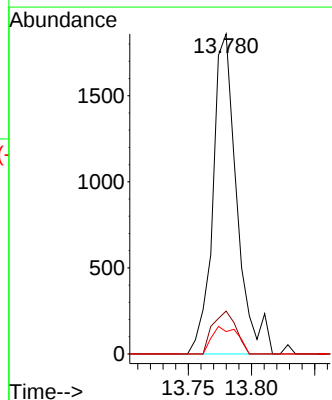
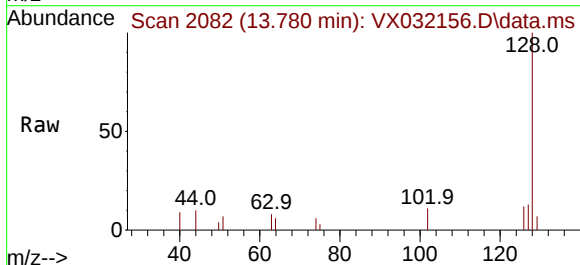
Instrument :
MSVOA_X
ClientSampleId :
IBLK

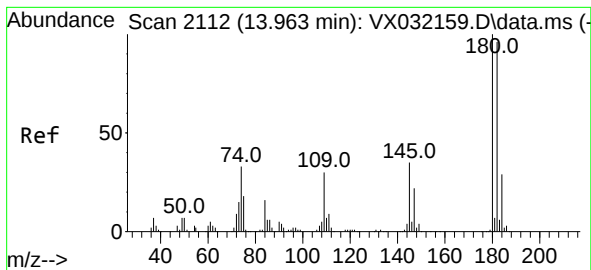
Tgt Ion:	225	Resp:	719
Ion	Ratio	Lower	Upper
225	100		
223	54.2	30.8	92.4
227	59.7	32.3	96.9



#95
Naphthalene
Concen: 0.515 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032156.D
Acq: 17 Oct 2022 14:01

Tgt Ion:	128	Resp:	2446
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	9.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.591 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX032156.D
 Acq: 17 Oct 2022 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:180 Resp: 841
 Ion Ratio Lower Upper
 180 100
 182 86.0 47.9 143.8
 145 41.4 17.6 52.8

