

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010723\
 Data File : VX033652.D
 Acq On : 07 Jan 2023 00:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 07 06:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	11663	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	106741	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	114575	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38522	40.792	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 135.967%#	
60) 4-Bromofluorobenzene	11.079	95	59764	28.941	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.467%	
63) Toluene-d8	8.647	98	110152	30.040	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.133%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	417	0.342	ug/l	94
3) Chloromethane	1.294	50	428	0.327	ug/l	93
4) Vinyl Chloride	1.374	62	425	0.360	ug/l	92
5) Bromomethane	1.624	94	190	0.290	ug/l	87
7) Trichlorofluoromethane	1.898	101	624	0.342	ug/l #	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	378	0.400	ug/l	73
10) 1,1-Dichloroethene	2.325	96	270	0.303	ug/l	86
11) Methyl Iodide	2.453	142	526	0.343	ug/l #	72
13) Acrolein	2.239	56	196	0.975	ug/l #	71
14) Acrylonitrile	3.081	53	706	1.148	ug/l	89
15) Acetone	2.404	58	355	2.550	ug/l #	57
16) Carbon Disulfide	2.514	76	4490	1.732	ug/l #	91
18) Methylene Chloride	2.794	84	1480	1.186	ug/l	97
19) trans-1,2-Dichloroethene	3.099	96	700	0.585	ug/l #	73
26) Cyclohexane	5.477	56	632	0.304	ug/l #	90
30) 2-Butanone	4.586	43	309	0.256	ug/l #	56
37) Trichloroethene	7.129	130	716	0.370	ug/l	94
38) Methylcyclohexane	7.385	83	697	0.243	ug/l #	66
40) Dibromomethane	7.592	93	312	0.259	ug/l	93
43) Ethyl Acetate	4.727	43	567	0.230	ug/l #	66
48) t-1,3-Dichloropropene	8.994	75	560	0.235	ug/l	91
55) 2-Chloroethyl vinyl ether	8.250	63	1179	0.936	ug/l	94
59) 2-Hexanone	9.445	43	597	0.356	ug/l #	67
61) Tetrachloroethene	9.275	164	632	0.382	ug/l	94
64) Chlorobenzene	10.073	112	1129	0.243	ug/l #	80
67) m/p-Xylenes	10.305	106	1296	0.408	ug/l	87
69) Styrene	10.659	104	1108	0.215	ug/l	97
73) Bromobenzene	11.201	156	666	0.311	ug/l	95
74) n-propylbenzene	11.305	91	2465	0.269	ug/l	96
75) 2-Chlorotoluene	11.366	91	1339	0.244	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	1468	0.219	ug/l	100
78) 4-Chlorotoluene	11.457	91	2283	0.371	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1419	0.214	ug/l	100
81) sec-Butylbenzene	11.884	105	2260	0.271	ug/l	98
82) p-Isopropyltoluene	12.006	119	2167	0.302	ug/l	97
83) 1,3-Dichlorobenzene	11.975	146	1809	0.463	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	2101	0.540	ug/l	95
85) n-Butylbenzene	12.335	91	2706	0.464	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	1290	0.343	ug/l	96

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration

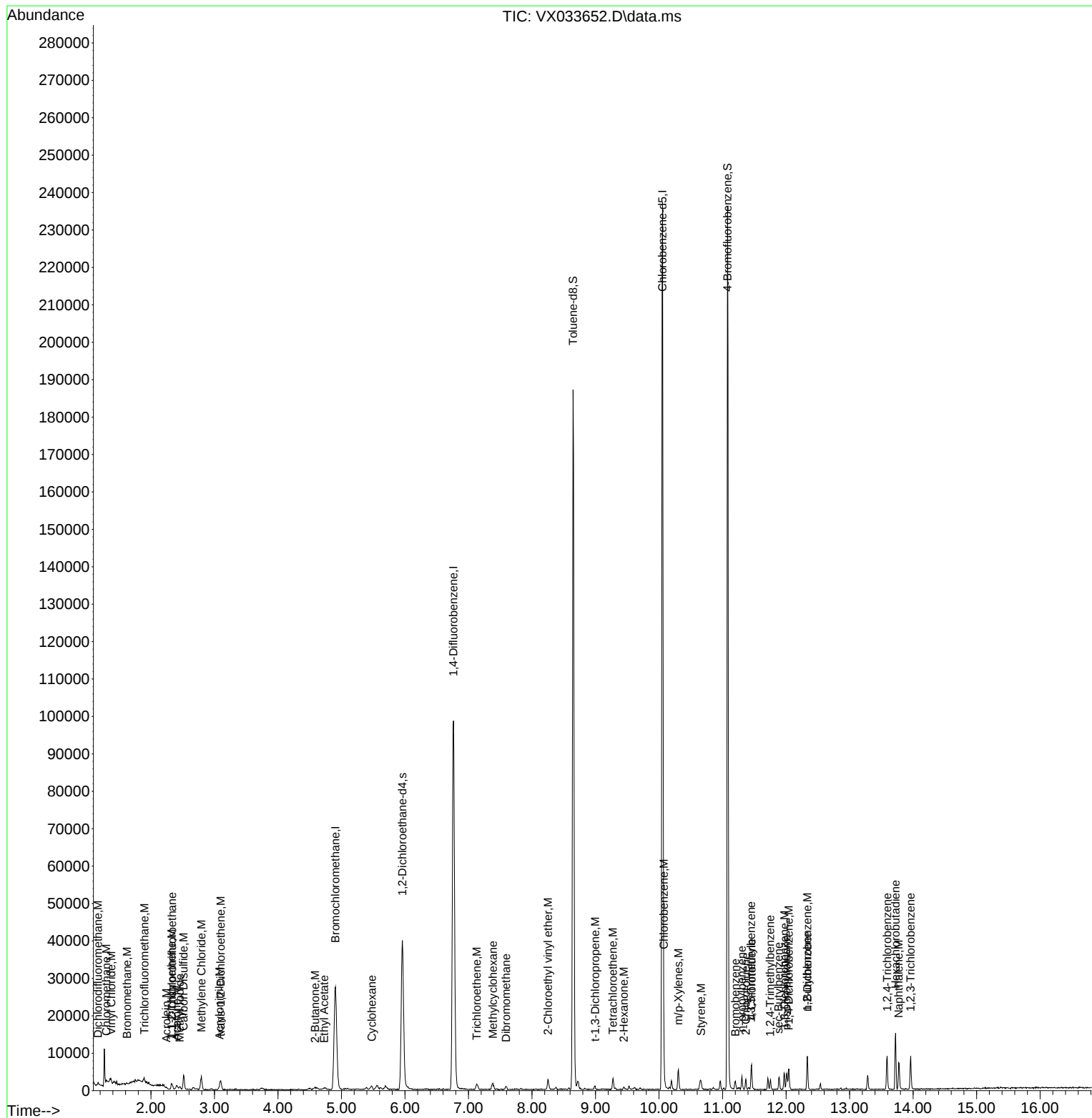
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 1,2,4-Trichlorobenzene	13.591	180	2642	1.021	ug/l	97
90) Hexachlorobutadiene	13.725	225	2485	2.004	ug/l	97
91) Naphthalene	13.774	128	5372	0.707	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	2714	1.046	ug/l	98

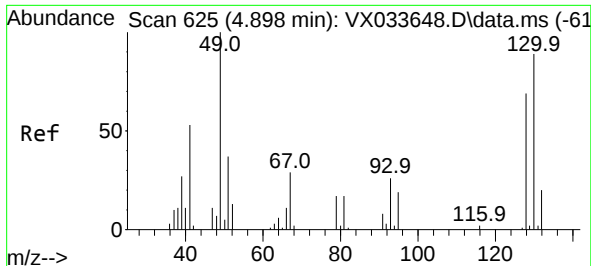
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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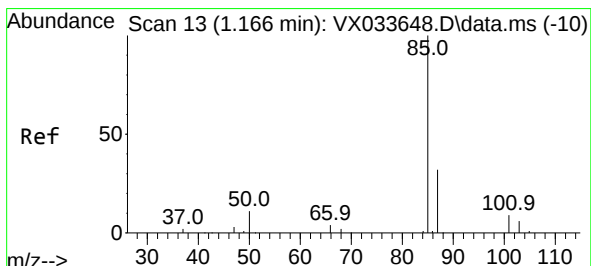
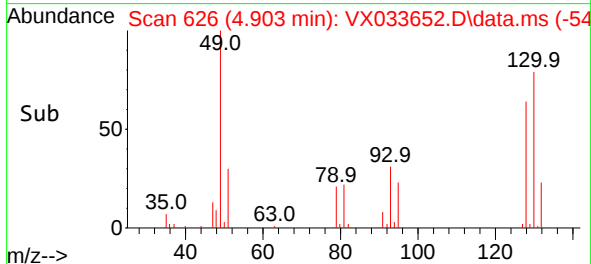
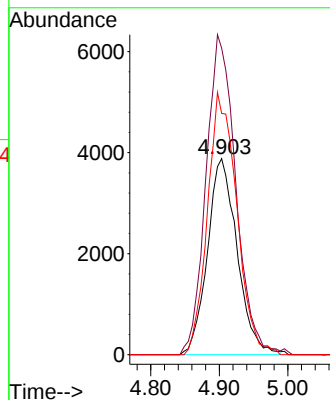
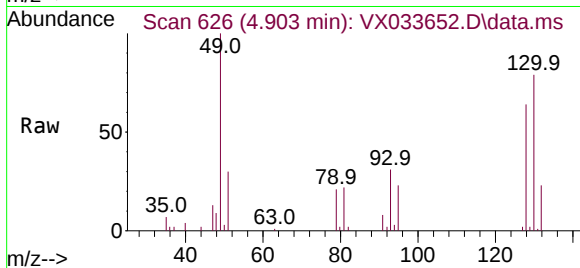




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX033652.D
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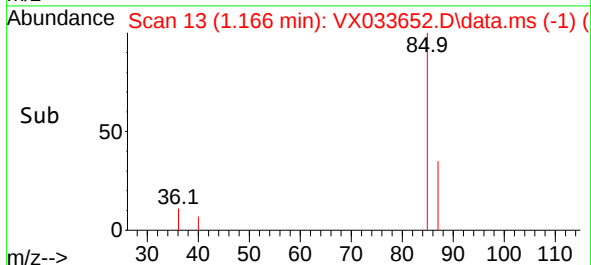
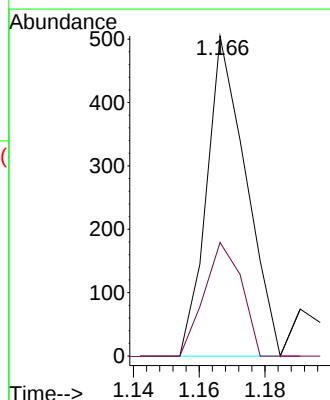
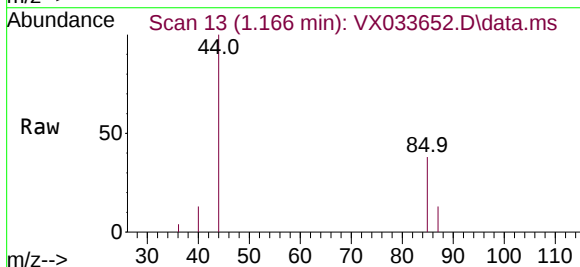
Instrument :
MSVOA_X
ClientSampleId :
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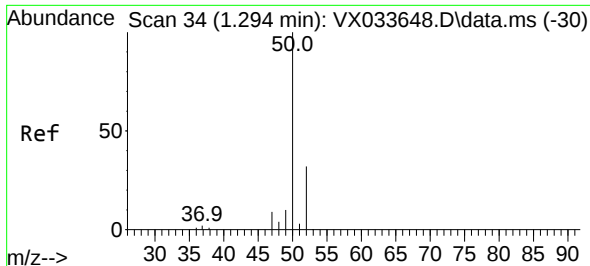
Tgt Ion:128 Resp: 11663
Ion Ratio Lower Upper
128 100
49 163.5 0.0 398.5
130 131.1 0.0 329.0



#2
Dichlorodifluoromethane
Concen: 0.342 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 85 Resp: 417
Ion Ratio Lower Upper
85 100
87 35.4 16.0 48.0

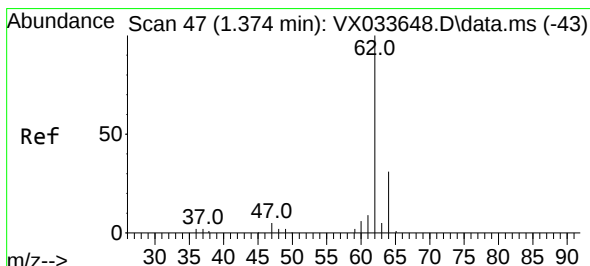
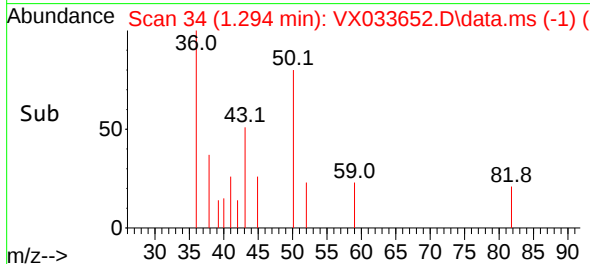
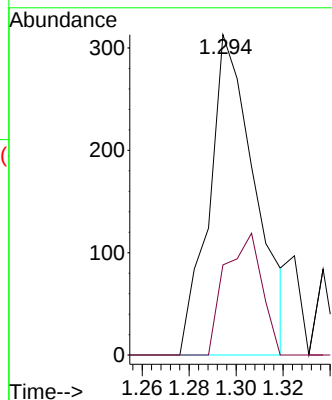
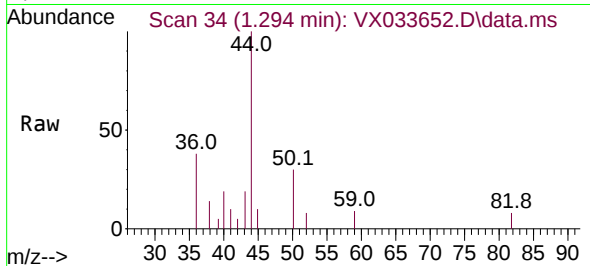




#3
Chloromethane
Concen: 0.327 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

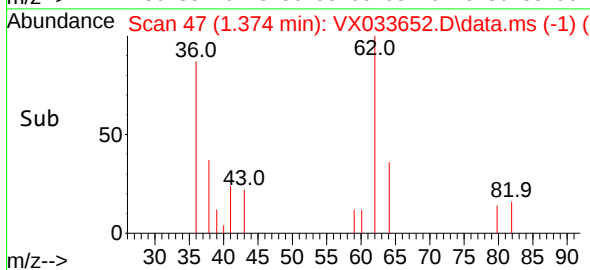
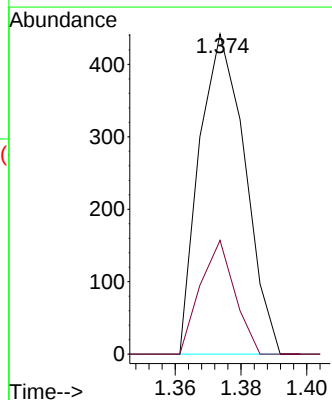
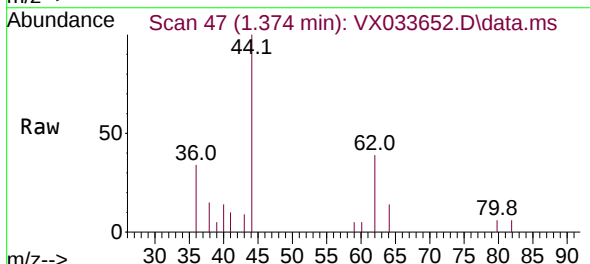
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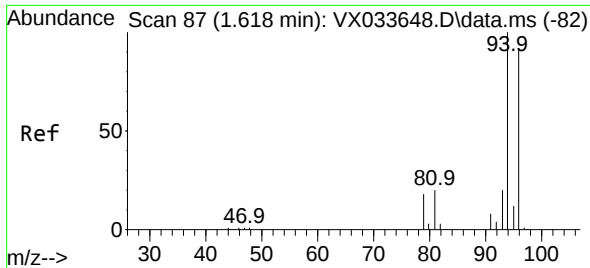
Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 28.1 25.5 38.3



#4
Vinyl Chloride
Concen: 0.360 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 62 Resp: 425
Ion Ratio Lower Upper
62 100
64 35.5 24.9 37.3

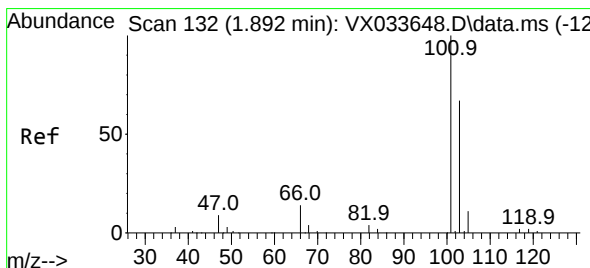
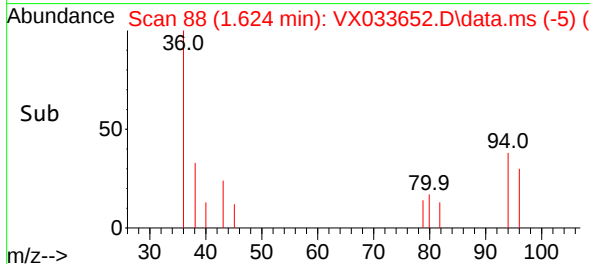
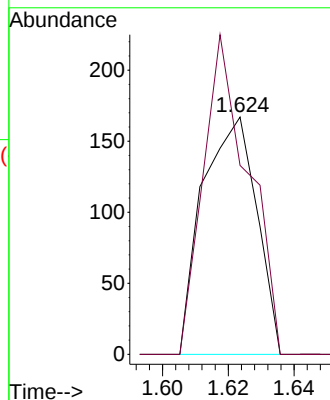
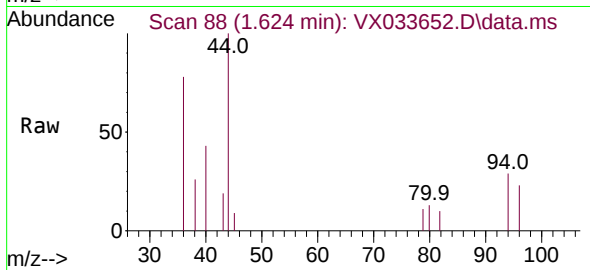




#5
Bromomethane
Concen: 0.290 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

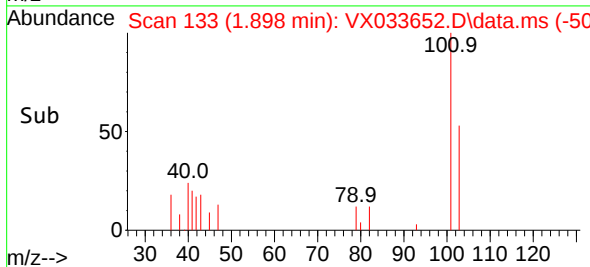
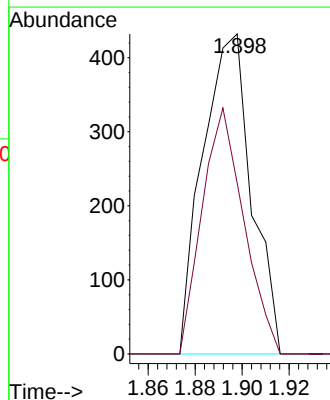
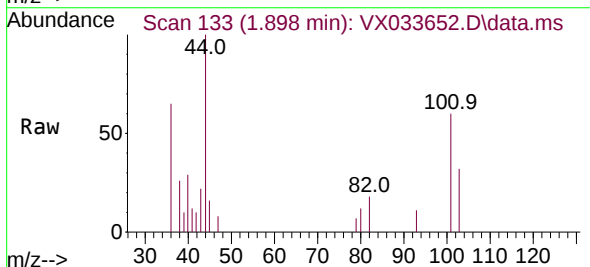
Instrument :
MSVOA_X
Client Sample Id :
IBLK

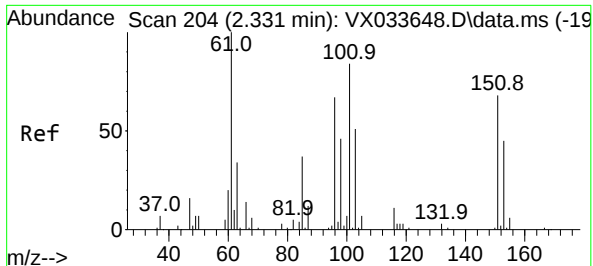
Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 79.6 73.6 110.4



#7
Trichlorofluoromethane
Concen: 0.342 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 101 Resp: 624
Ion Ratio Lower Upper
101 100
103 53.5 53.7 80.5#

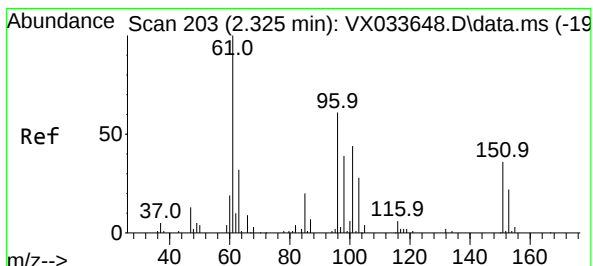
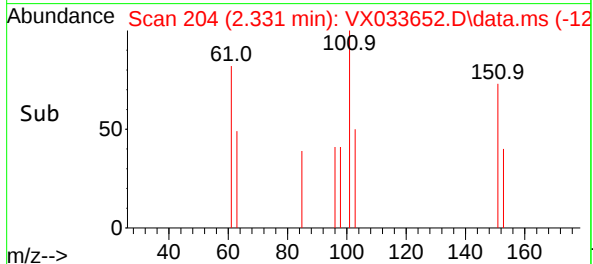
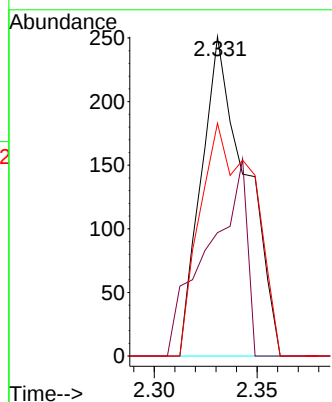
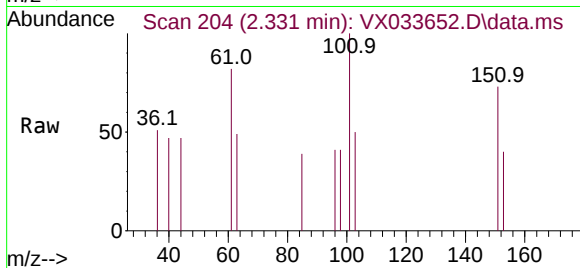




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.400 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033652.D
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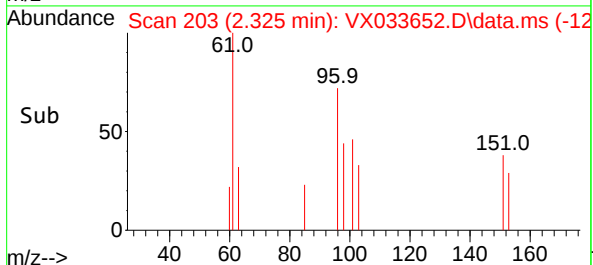
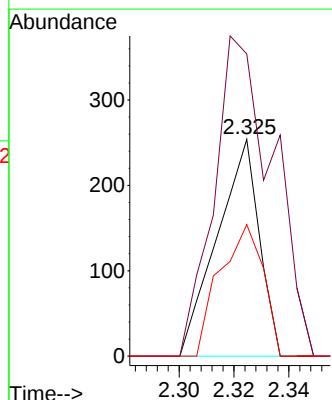
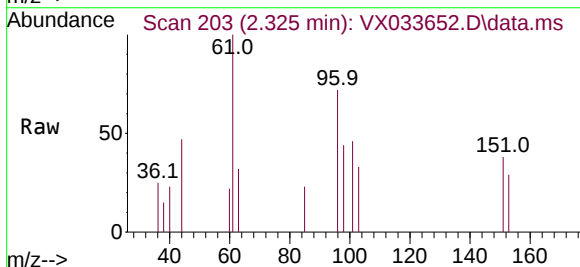
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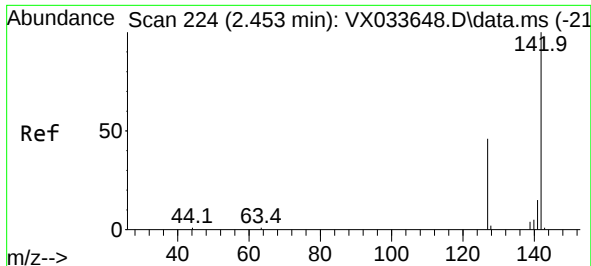
Tgt Ion:101 Resp: 378
Ion Ratio Lower Upper
101 100
85 53.4 0.0 88.8
151 52.4 0.0 167.2



#10
1,1-Dichloroethene
Concen: 0.303 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

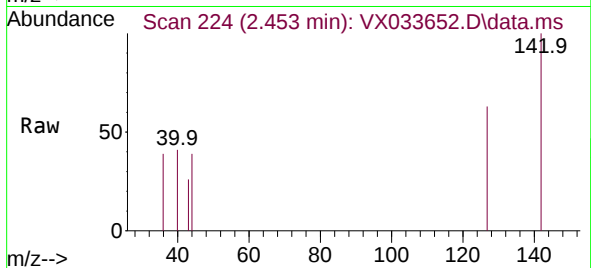
Tgt Ion: 96 Resp: 270
Ion Ratio Lower Upper
96 100
61 139.4 130.6 195.8
98 60.6 50.8 76.2



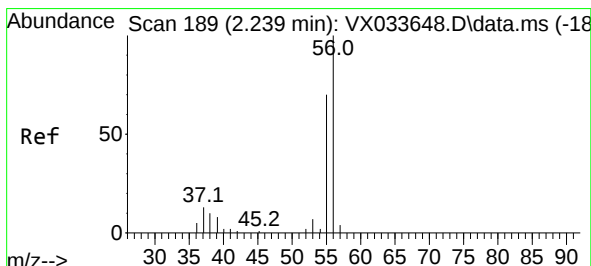
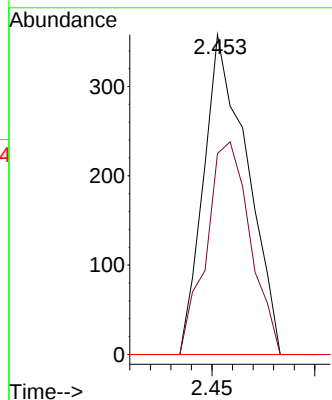
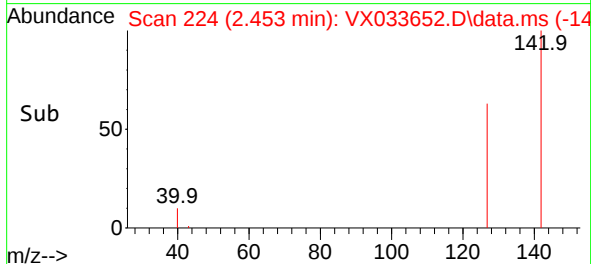


#11
Methyl Iodide
Concen: 0.343 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033652.D
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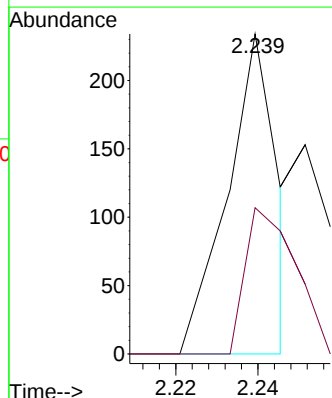
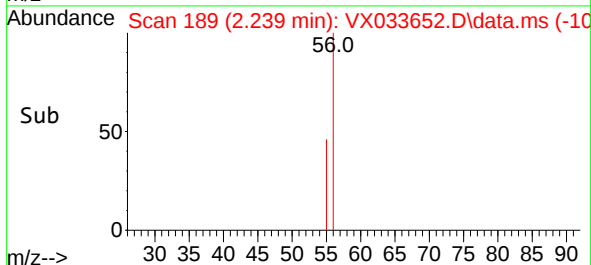
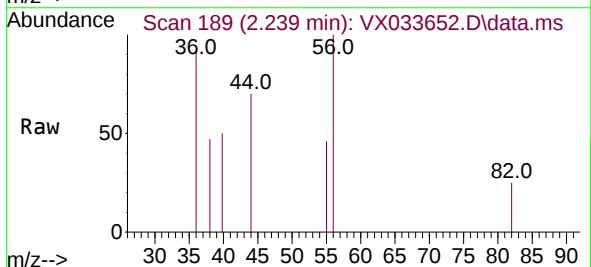


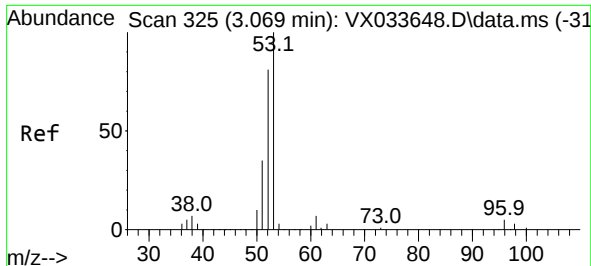
Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
127 62.8 23.2 69.5
141 0.0 7.3 22.0#



#13
Acrolein
Concen: 0.975 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
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Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 46.4 56.1 84.1#

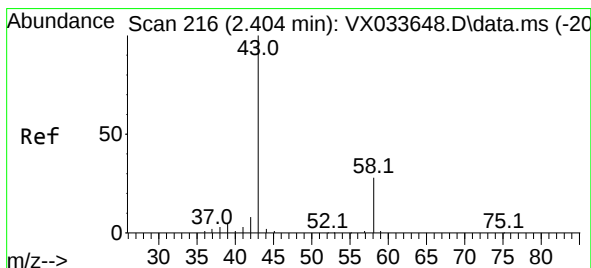
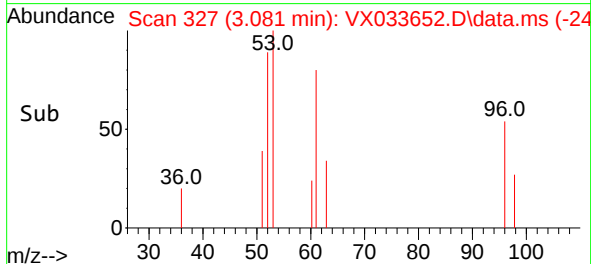
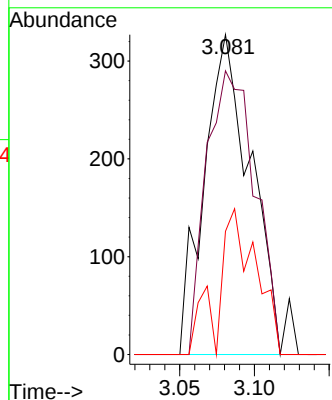
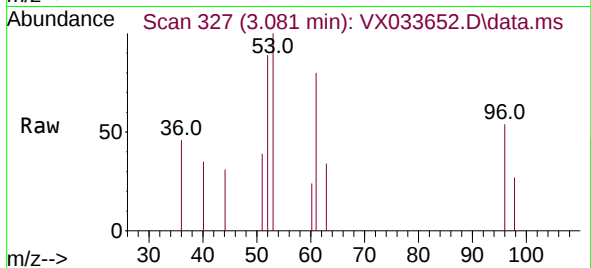




#14
Acrylonitrile
Concen: 1.148 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

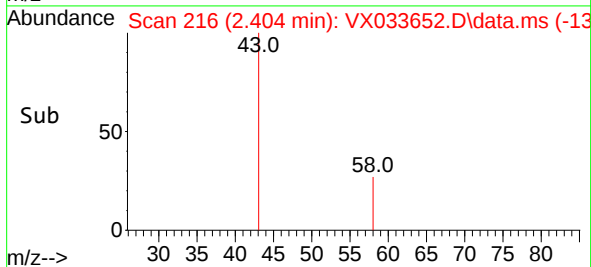
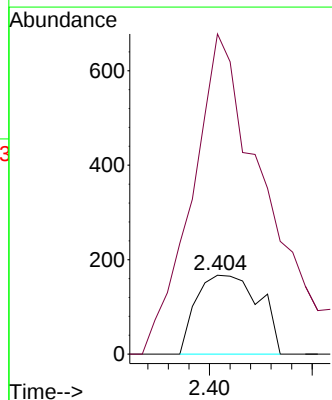
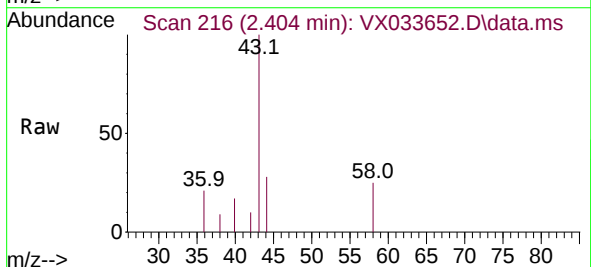
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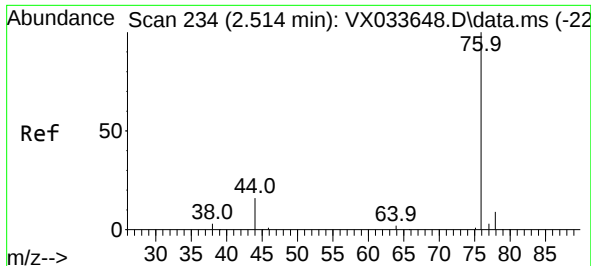
Tgt Ion: 53	Resp:	706	
Ion	Ratio	Lower	Upper
53	100		
52	93.2	41.3	124.1
51	31.3	18.4	55.4



#15
Acetone
Concen: 2.550 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
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Tgt Ion: 58	Resp:	355	
Ion	Ratio	Lower	Upper
58	100		
43	265.3	288.3	432.5#

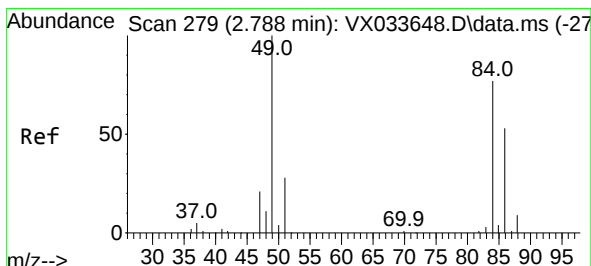
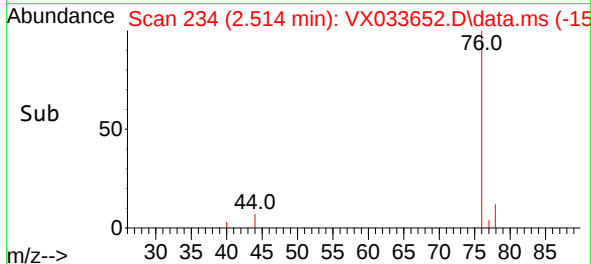
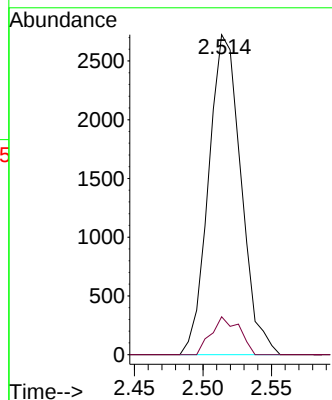
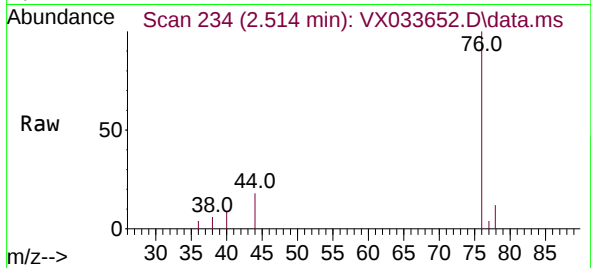




#16
Carbon Disulfide
Concen: 1.732 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

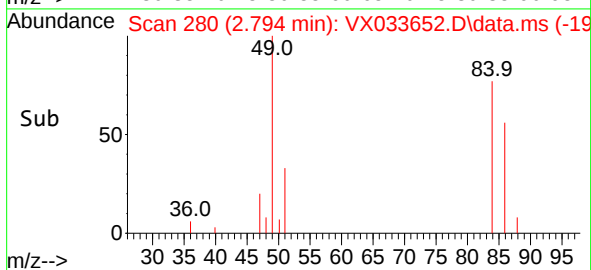
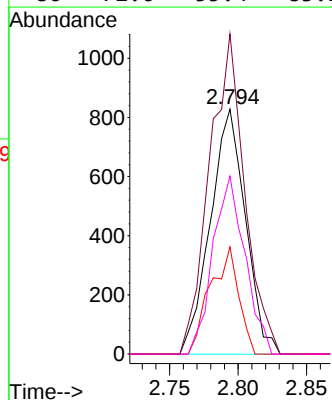
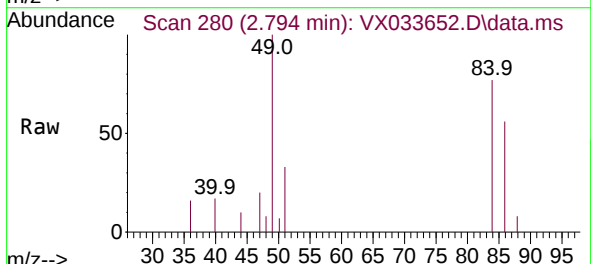
Instrument :
MSVOA_X
ClientSampleId :
IBLK

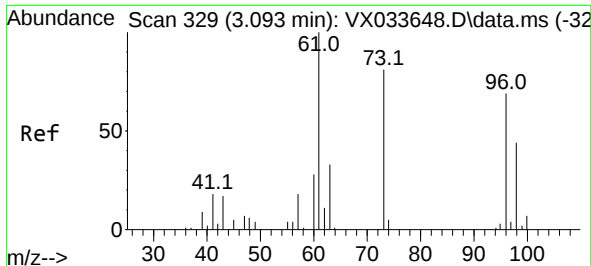
Tgt Ion: 76 Resp: 4490
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.4#



#18
Methylene Chloride
Concen: 1.186 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 84 Resp: 1480
Ion Ratio Lower Upper
84 100
49 130.7 104.1 156.1
51 43.7 29.2 43.8
86 72.6 55.4 83.2

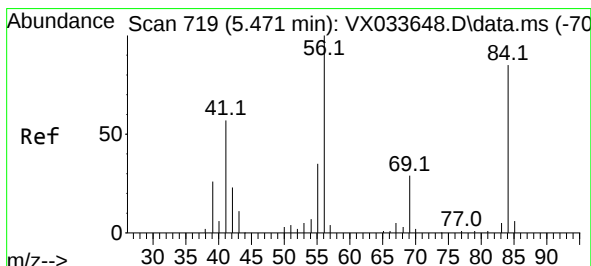
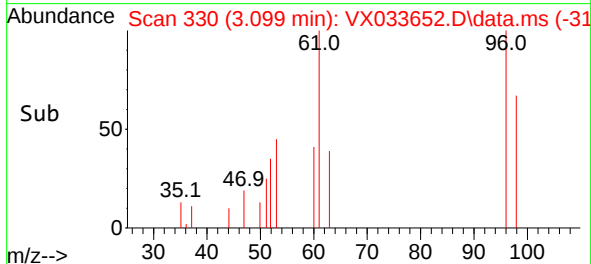
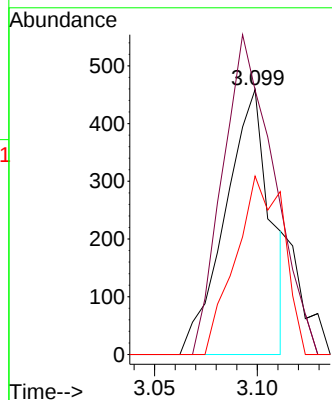
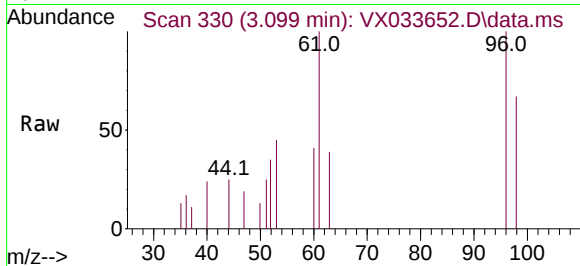




#19
trans-1,2-Dichloroethene
Concen: 0.585 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

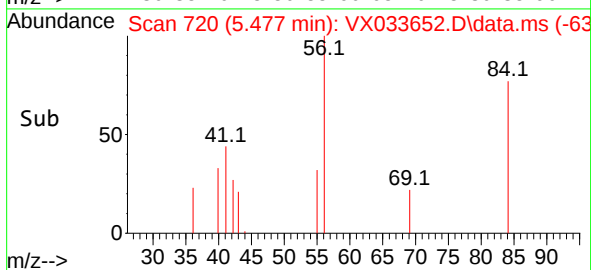
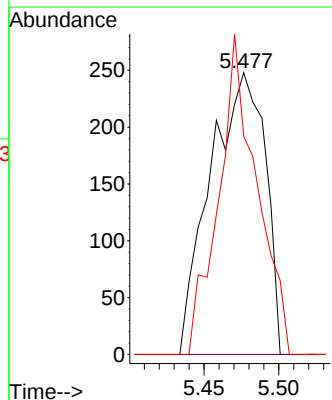
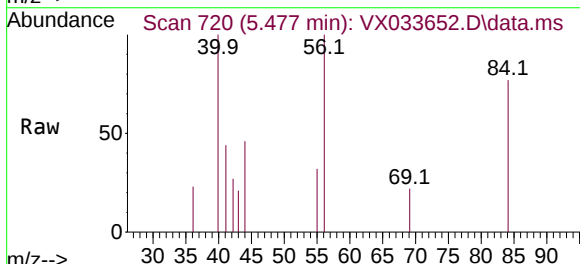
Instrument :
MSVOA_X
ClientSampleId :
IBLK

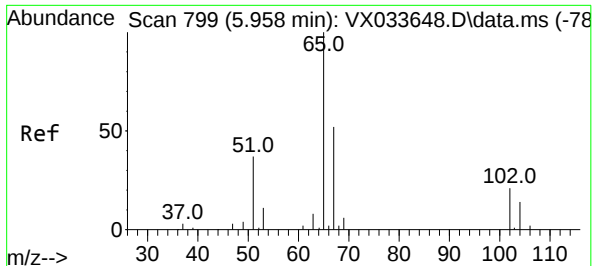
Tgt Ion: 96 Resp: 700
Ion Ratio Lower Upper
96 100
61 99.8 117.1 175.7#
98 67.3 52.0 78.0



#26
Cyclohexane
Concen: 0.304 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 56 Resp: 632
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.8 70.8 106.2

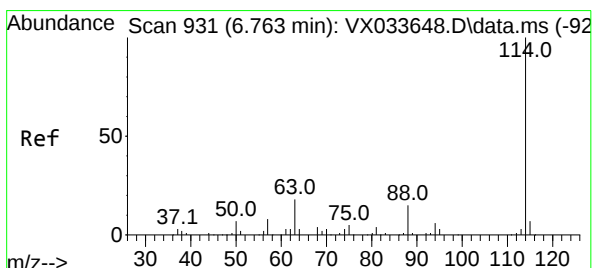
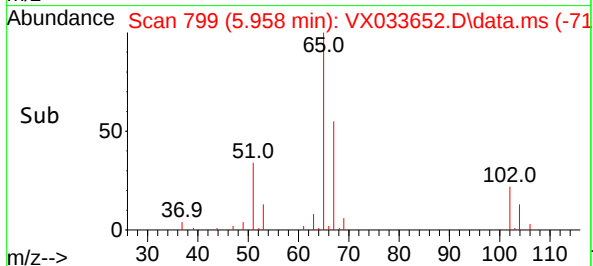
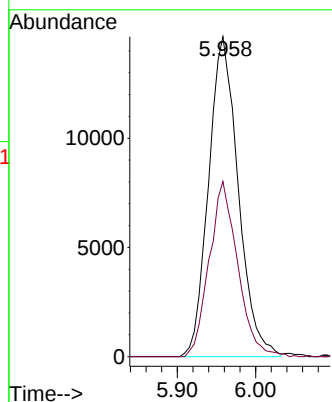
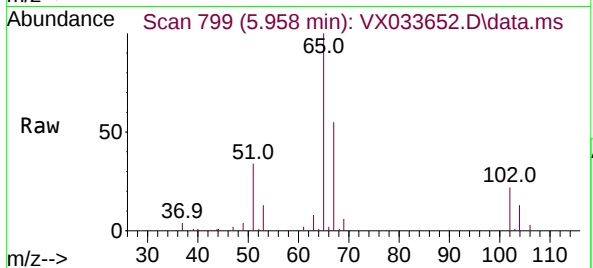




#27
1,2-Dichloroethane-d4
Concen: 40.792 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

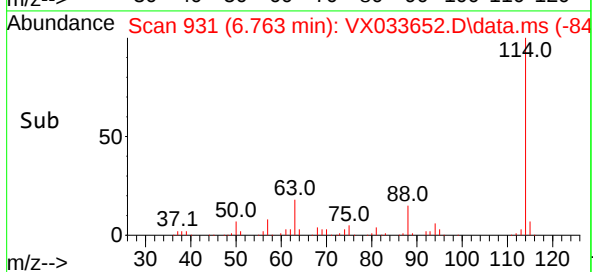
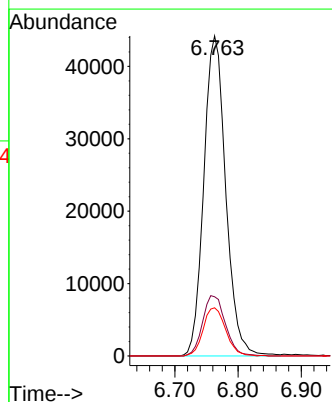
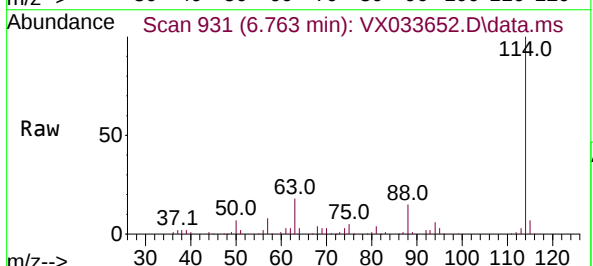
Instrument :
MSVOA_X
ClientSampleId :
IBLK

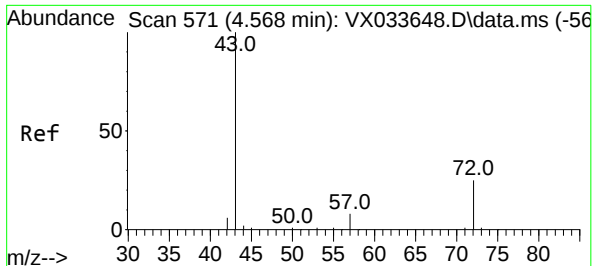
Tgt Ion: 65 Resp: 38522
Ion Ratio Lower Upper
65 100
67 52.6 40.4 60.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 114 Resp: 106741
Ion Ratio Lower Upper
114 100
63 19.6 15.5 23.3
88 15.4 12.4 18.6





#30

2-Butanone

Concen: 0.256 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

Instrument :

MSVOA_X

ClientSampleId :

IBLK

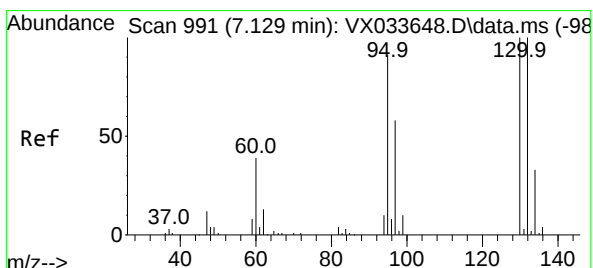
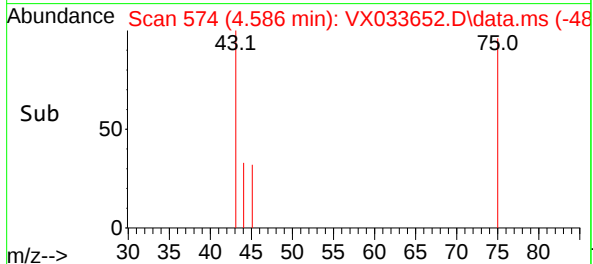
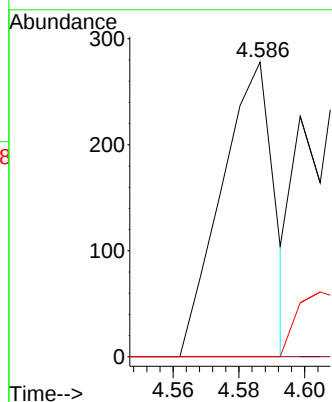
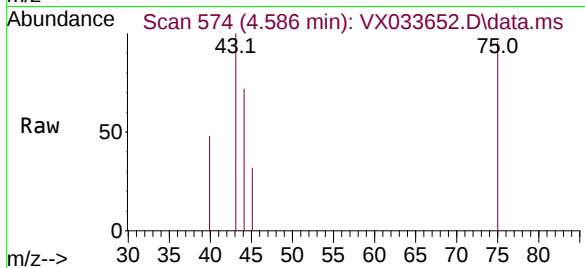
Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

57 0.0 3.4 5.2#

72 0.0 19.8 29.6#



#37

Trichloroethene

Concen: 0.370 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033652.D

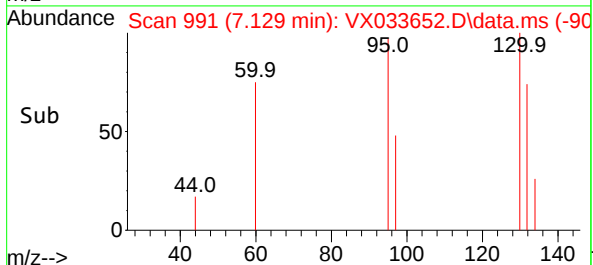
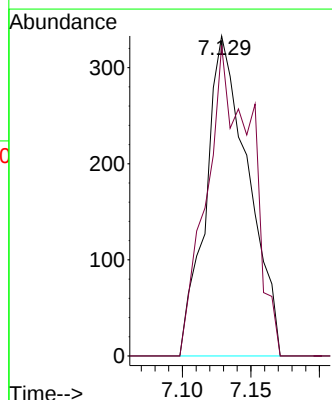
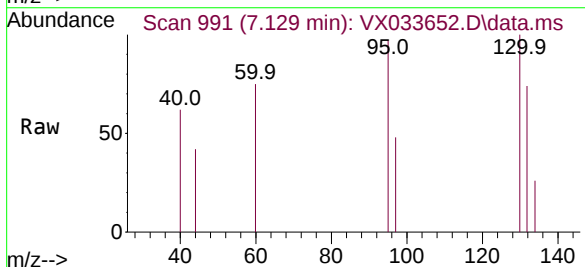
Acq: 07 Jan 2023 00:59

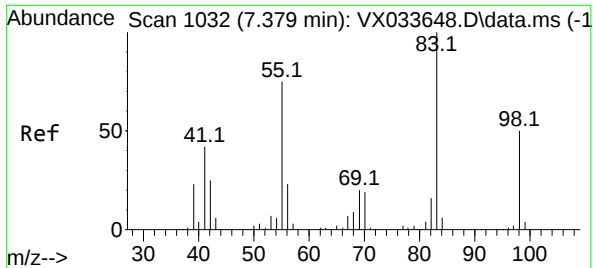
Tgt Ion:130 Resp: 716

Ion Ratio Lower Upper

130 100

95 97.0 73.1 109.7

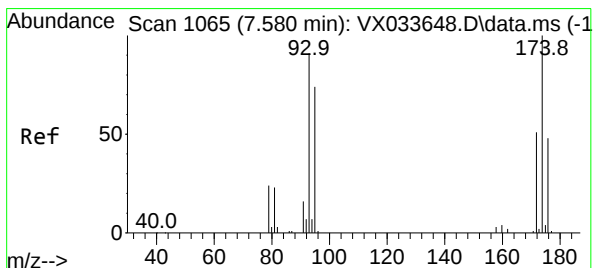
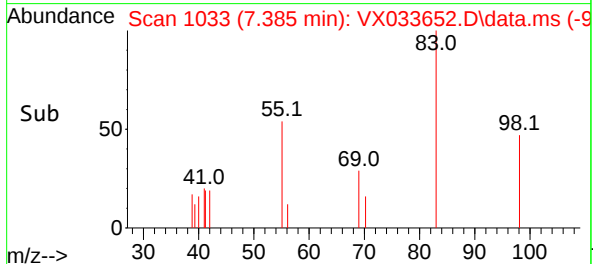
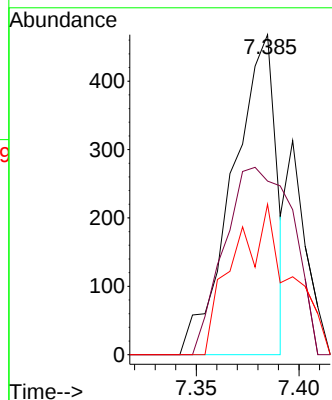
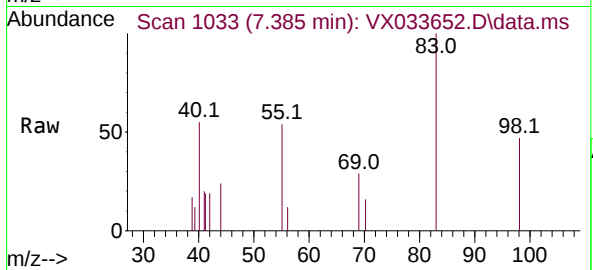




#38
Methylcyclohexane
Concen: 0.243 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

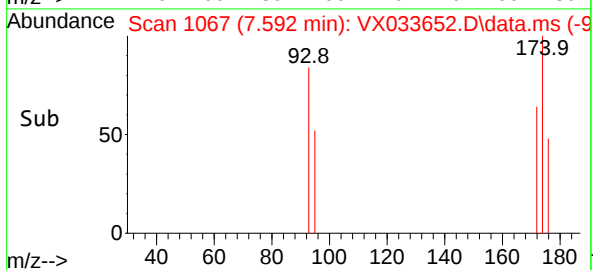
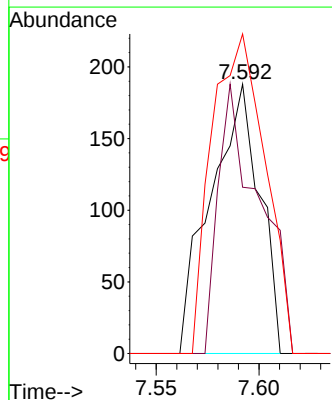
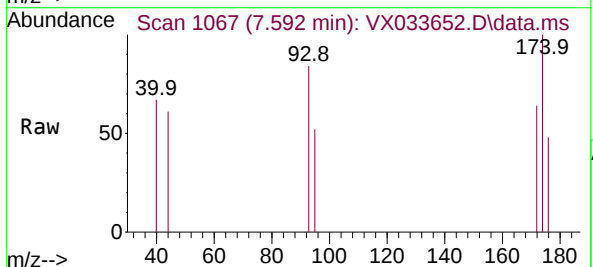
Instrument :
MSVOA_X
ClientSampleId :
IBLK

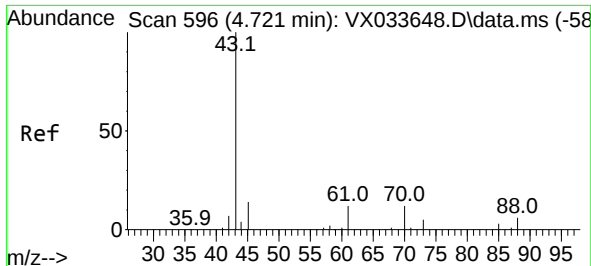
Tgt Ion: 83 Resp: 697
Ion Ratio Lower Upper
83 100
55 91.1 38.6 115.7
98 7.9 25.3 75.8#



#40
Dibromomethane
Concen: 0.259 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 93 Resp: 312
Ion Ratio Lower Upper
93 100
95 83.7 0.0 166.4
174 129.2 0.0 233.8

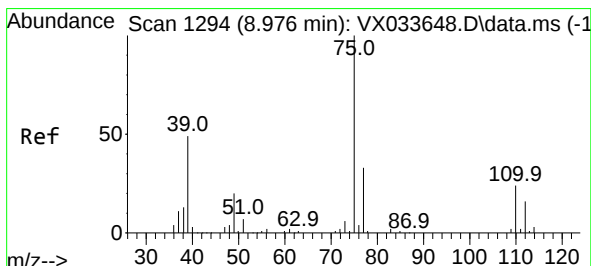
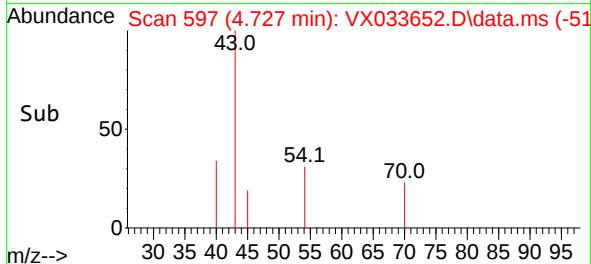
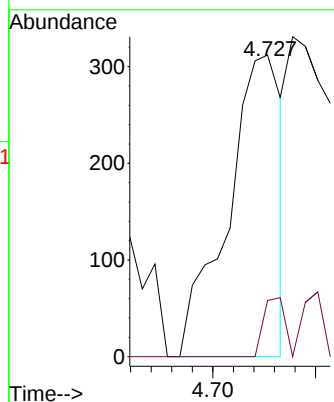
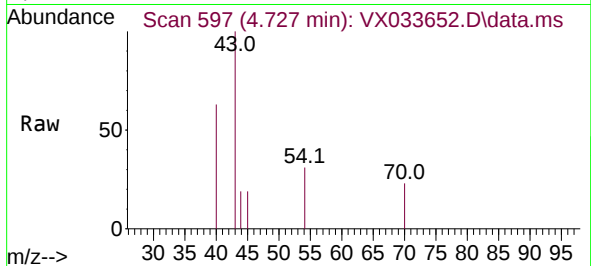




#43
Ethyl Acetate
Concen: 0.230 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

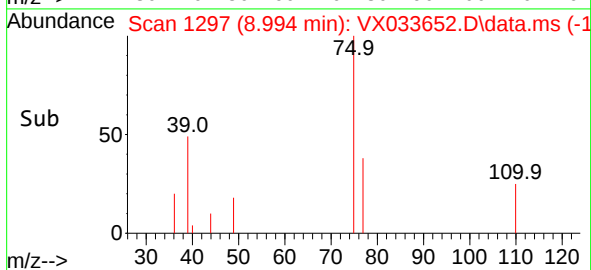
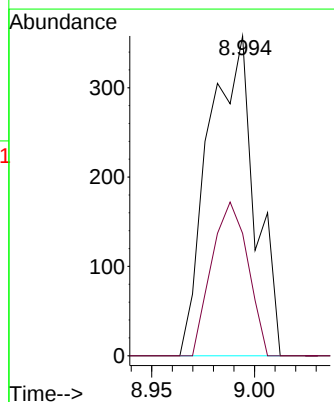
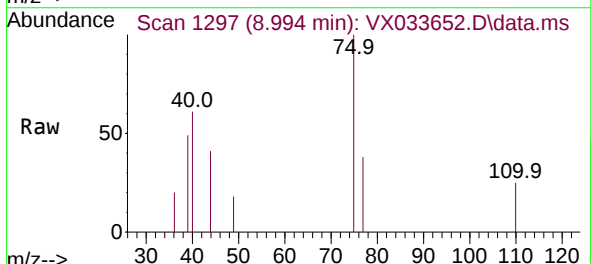
Instrument :
MSVOA_X
ClientSampleId :
IBLK

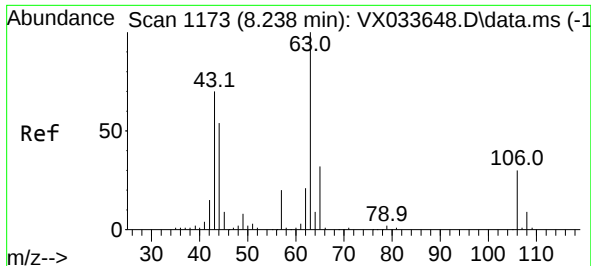
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
45 0.0 11.2 16.8#



#48
t-1,3-Dichloropropene
Concen: 0.235 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 75 Resp: 560
Ion Ratio Lower Upper
75 100
77 38.3 26.5 39.7





#55

2-Chloroethyl vinyl ether

Concen: 0.936 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

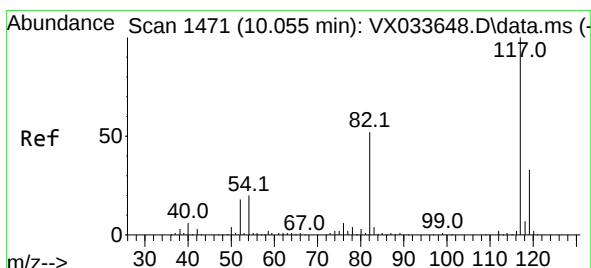
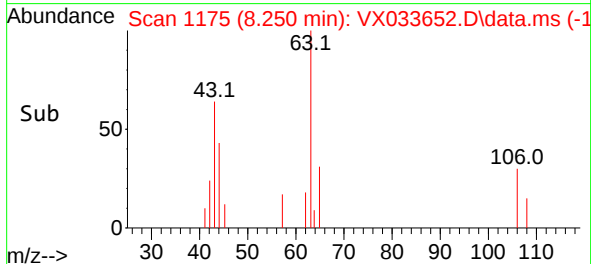
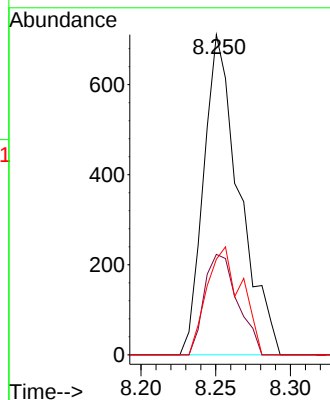
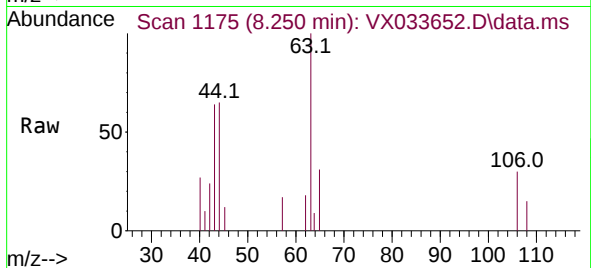
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	63	Resp:	1179
Ion	Ratio	Lower	Upper
63	100		
65	29.3	26.2	39.4
106	32.7	24.0	36.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

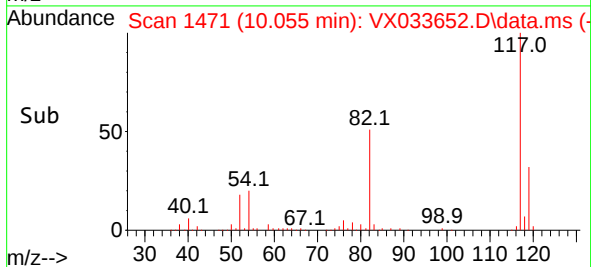
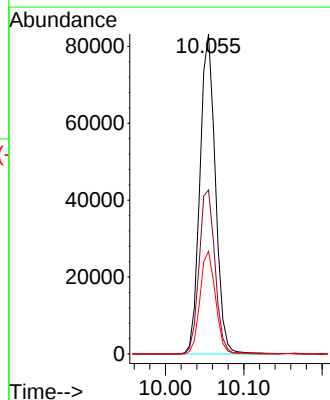
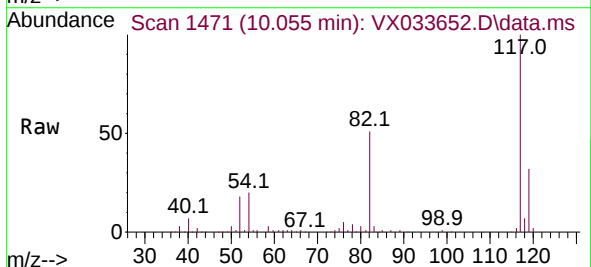
RT: 10.055 min Scan# 1471

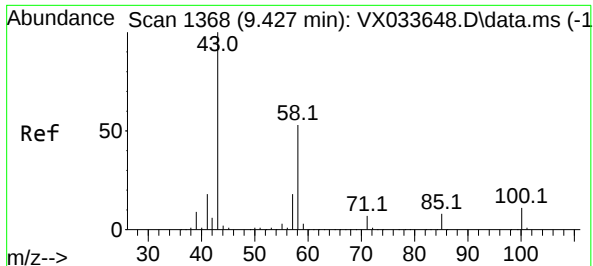
Delta R.T. -0.000 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

Tgt Ion:	117	Resp:	114575
Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.9	62.9
119	32.1	25.6	38.4





#59

2-Hexanone

Concen: 0.356 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

Instrument :

MSVOA_X

ClientSampleId :

IBLK

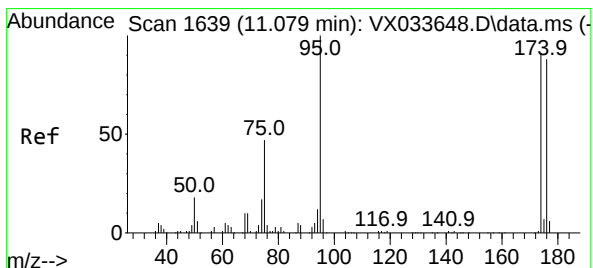
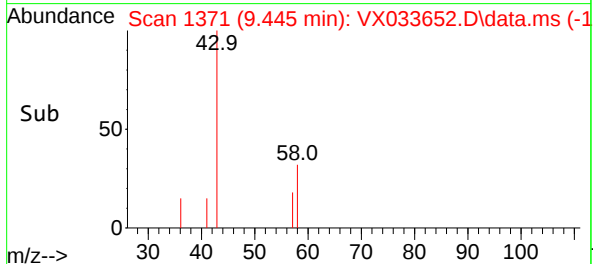
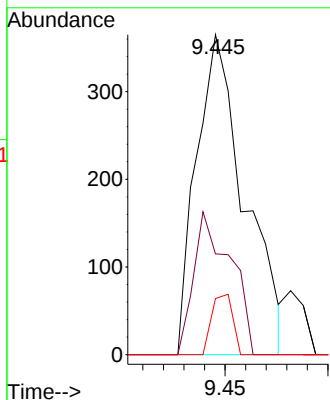
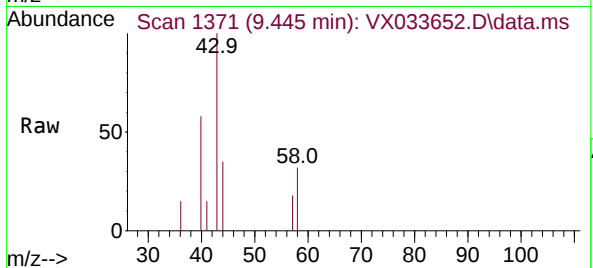
Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

58 28.1 42.9 64.3#

57 8.2 15.0 22.6#



#60

4-Bromofluorobenzene

Concen: 28.941 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

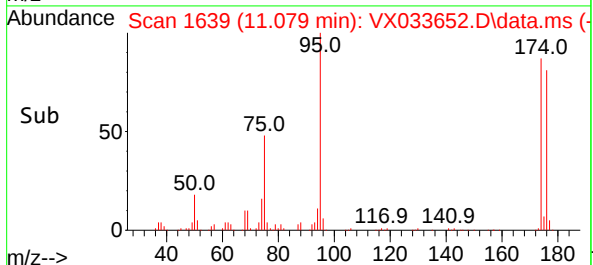
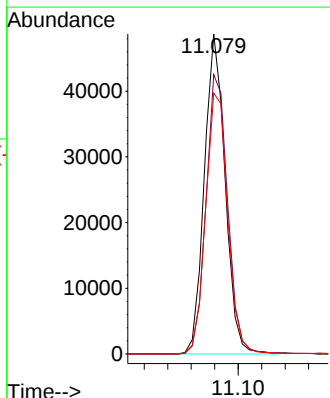
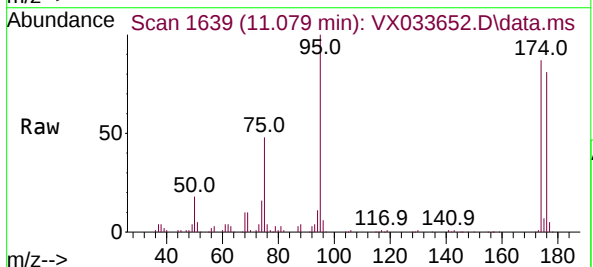
Tgt Ion: 95 Resp: 59764

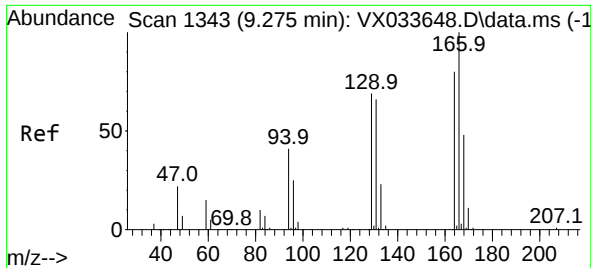
Ion Ratio Lower Upper

95 100

174 91.1 73.7 110.5

176 87.2 71.0 106.4



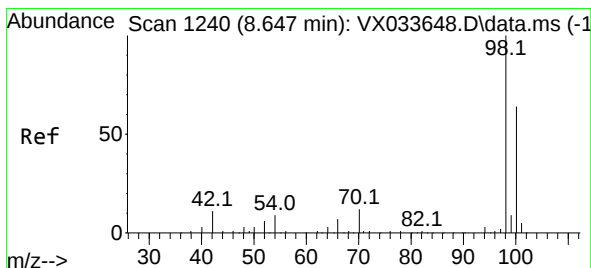
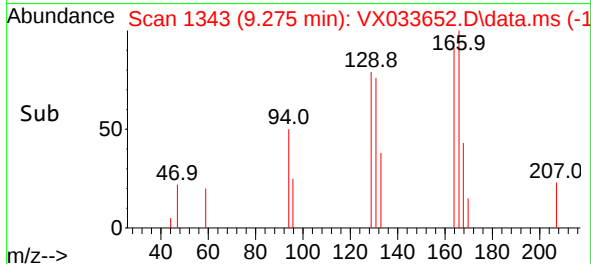
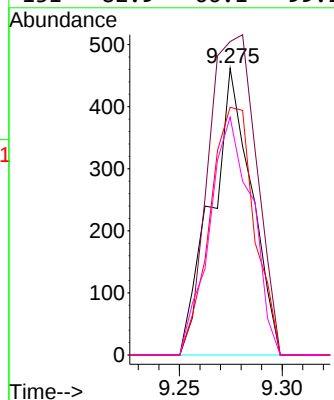
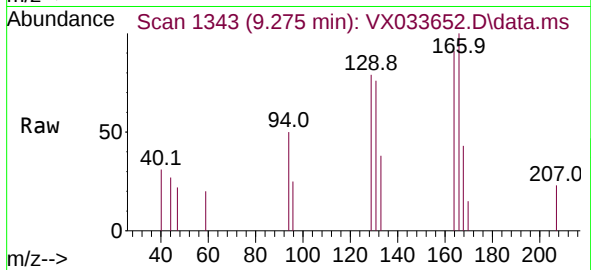


#61
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 632

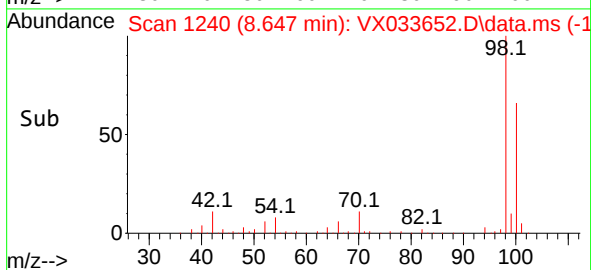
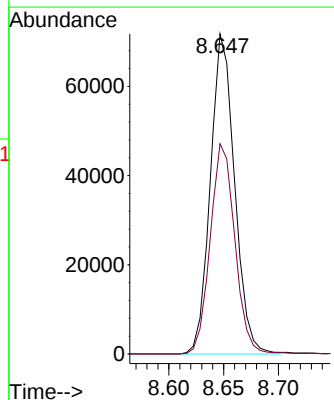
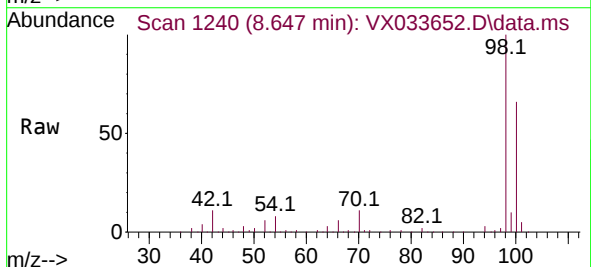
Ion	Ratio	Lower	Upper
164	100		
166	109.3	100.2	150.4
129	86.4	68.8	103.2
131	82.9	66.1	99.1

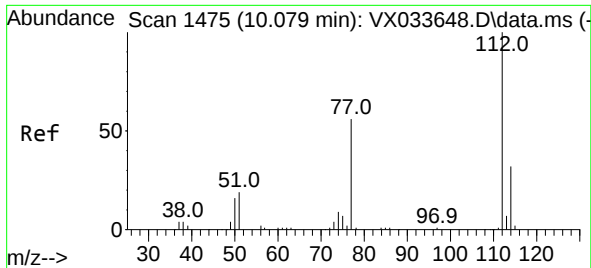


#63
Toluene-d8
Concen: 30.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 98 Resp: 110152

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7

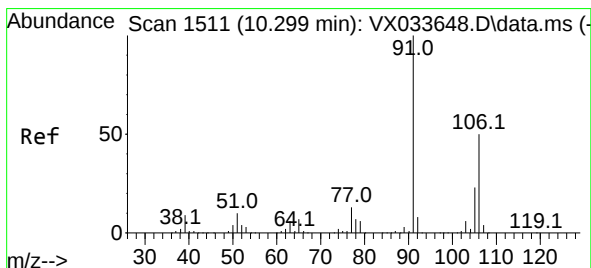
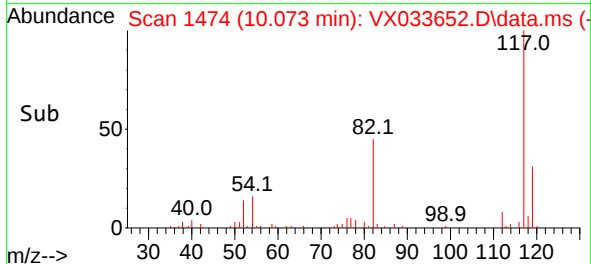
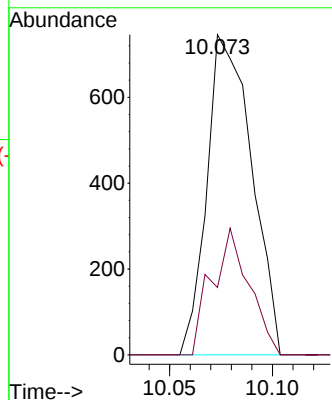
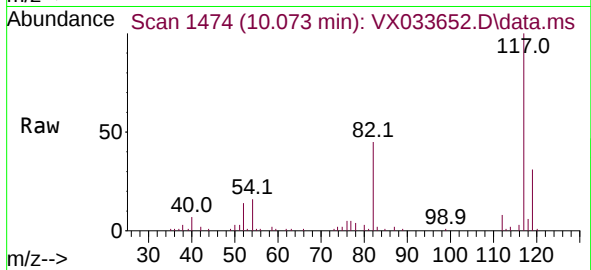




#64
Chlorobenzene
Concen: 0.243 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

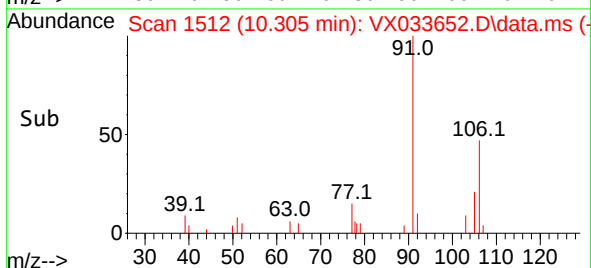
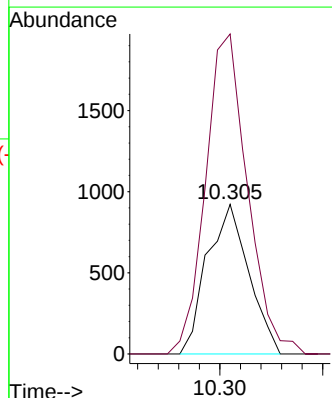
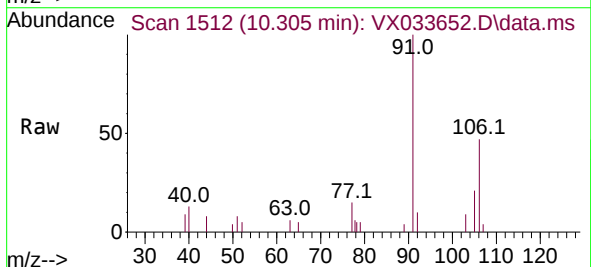
Instrument :
MSVOA_X
ClientSampleId :
IBLK

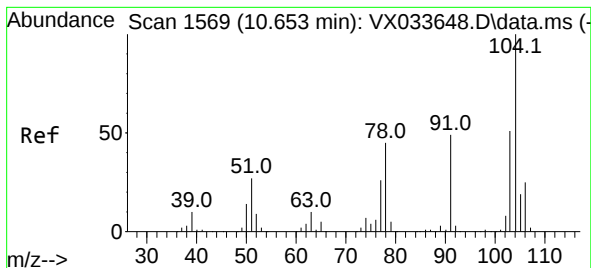
Tgt Ion:112 Resp: 1129
Ion Ratio Lower Upper
112 100
114 21.0 25.6 38.4#



#67
m/p-Xylenes
Concen: 0.408 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion:106 Resp: 1296
Ion Ratio Lower Upper
106 100
91 215.6 157.3 235.9





#69

Styrene

Concen: 0.215 ug/l

RT: 10.659 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

Instrument :

MSVOA_X

ClientSampleId :

IBLK

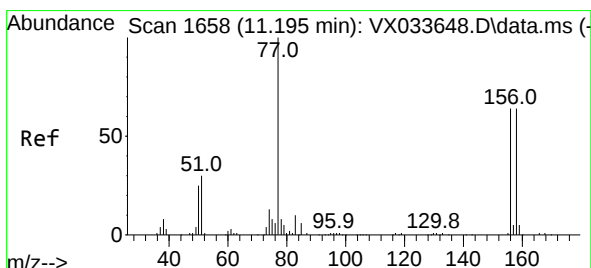
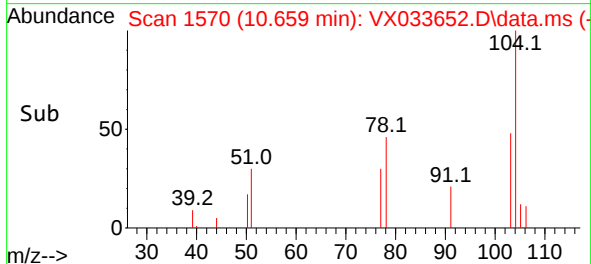
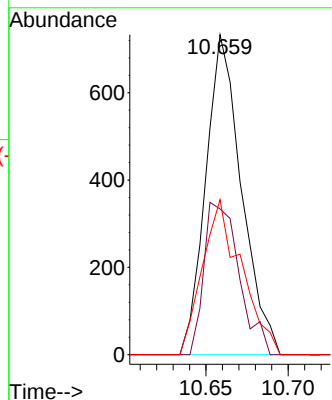
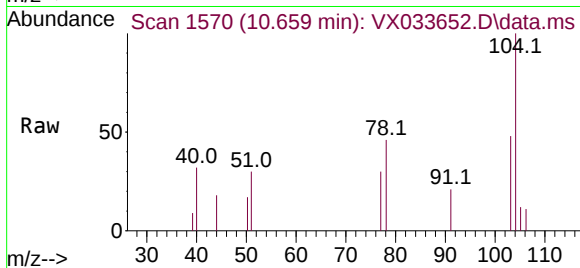
Tgt Ion:104 Resp: 1108

Ion Ratio Lower Upper

104 100

78 46.5 39.3 58.9

103 52.8 43.2 64.8



#73

Bromobenzene

Concen: 0.311 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

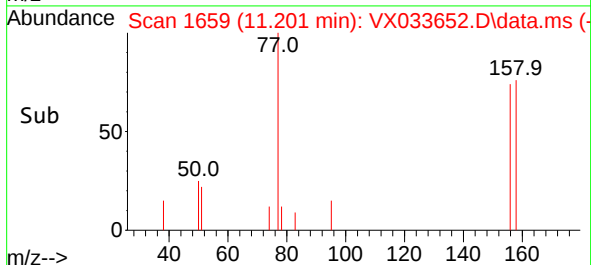
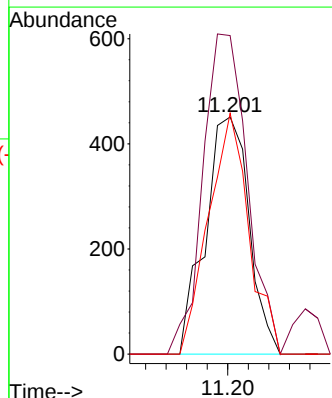
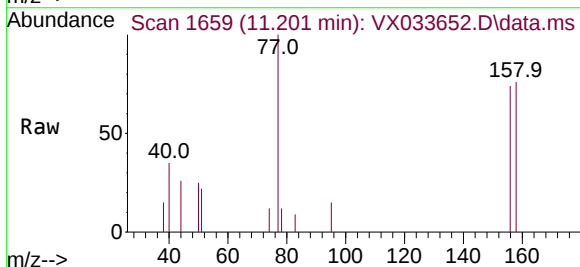
Tgt Ion:156 Resp: 666

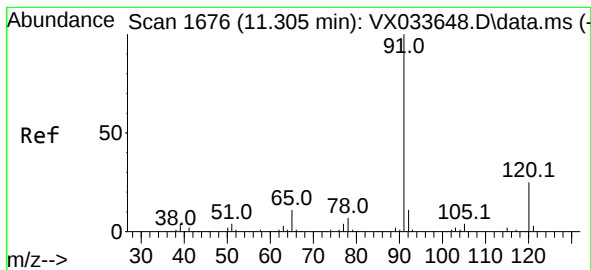
Ion Ratio Lower Upper

156 100

77 137.5 0.0 287.2

158 93.5 0.0 196.2





#74

n-propylbenzene

Concen: 0.269 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033652.D

Acq: 07 Jan 2023 00:59

Instrument :

MSVOA_X

ClientSampleId :

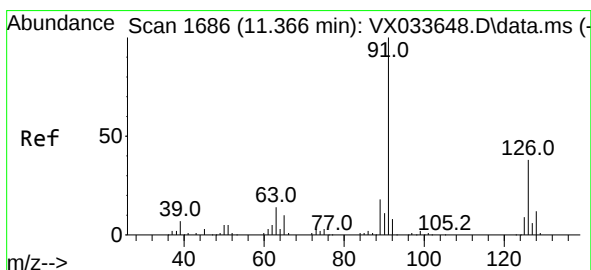
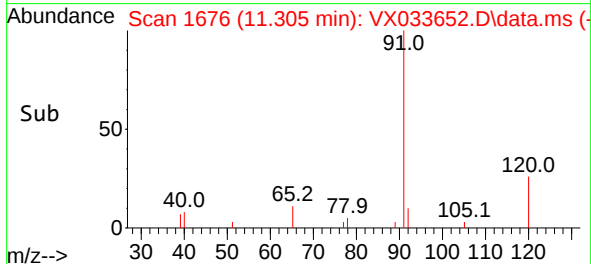
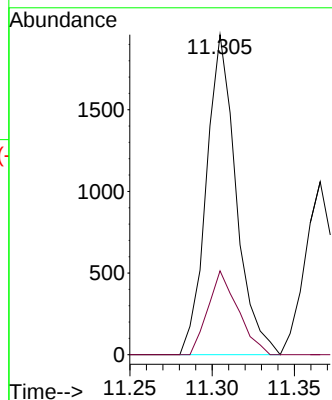
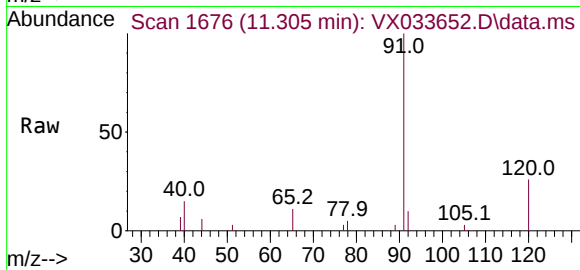
IBLK

Tgt Ion: 91 Resp: 2465

Ion Ratio Lower Upper

91 100

120 26.4 0.0 48.8



#75

2-Chlorotoluene

Concen: 0.244 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX033652.D

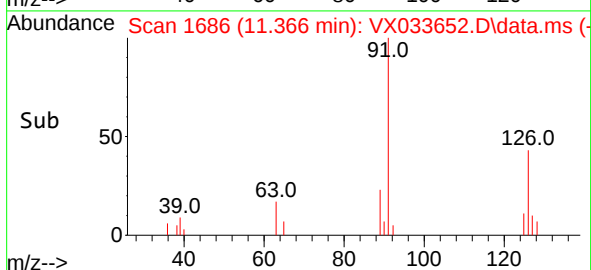
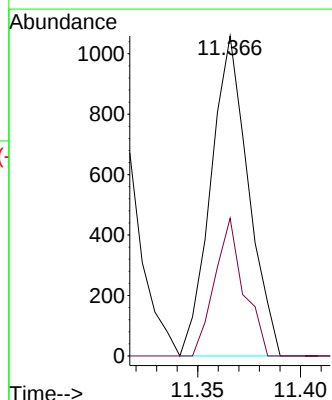
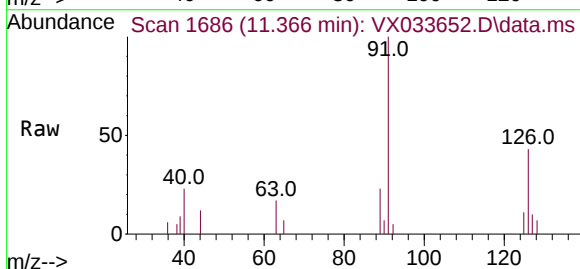
Acq: 07 Jan 2023 00:59

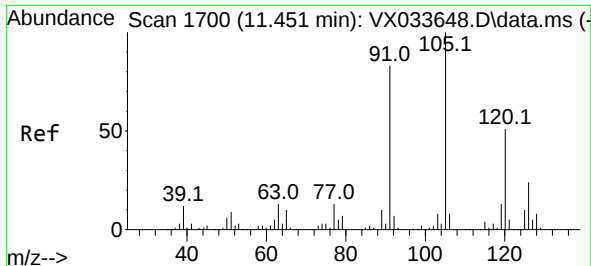
Tgt Ion: 91 Resp: 1339

Ion Ratio Lower Upper

91 100

126 33.5 0.0 72.0

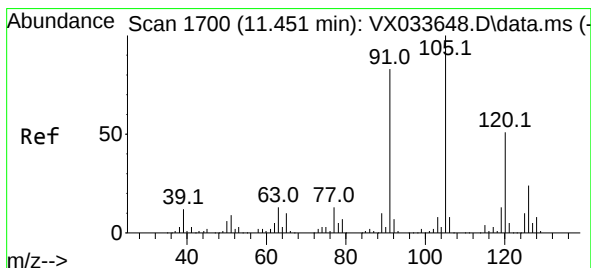
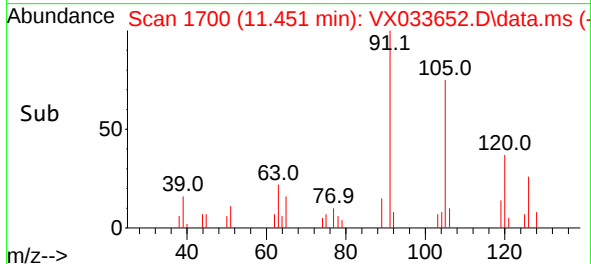
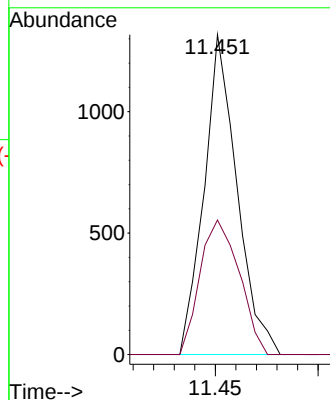
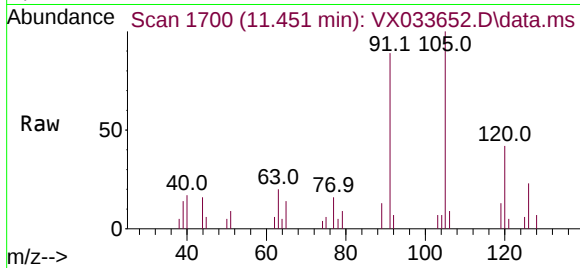




#76
1,3,5-Trimethylbenzene
Concen: 0.219 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

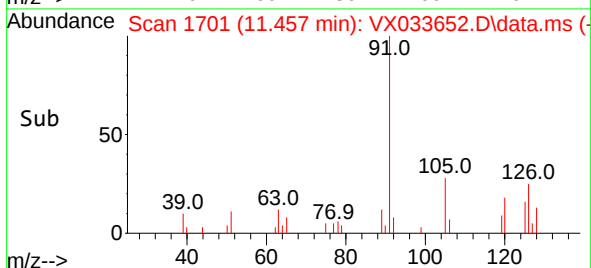
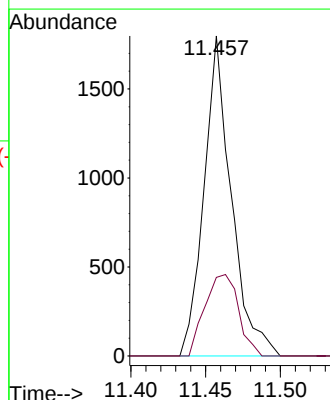
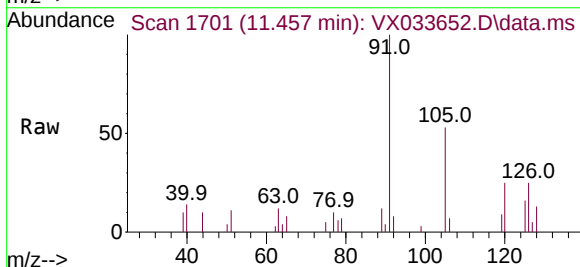
Instrument :
MSVOA_X
ClientSampleId :
IBLK

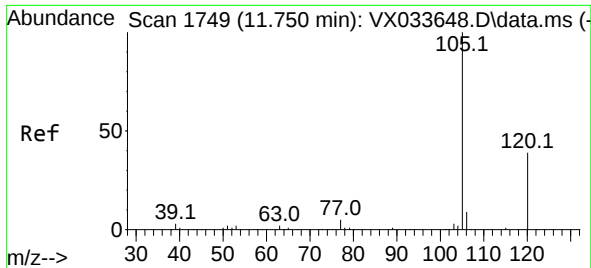
Tgt Ion:105 Resp: 1468
Ion Ratio Lower Upper
105 100
120 50.1 0.0 100.4



#78
4-Chlorotoluene
Concen: 0.371 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 91 Resp: 2283
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.6

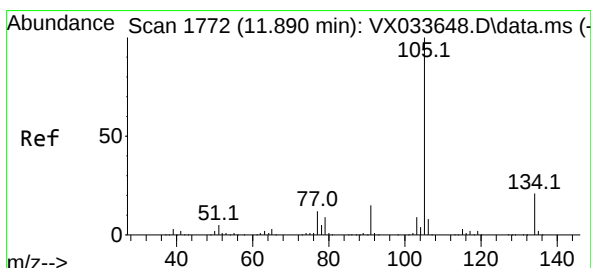
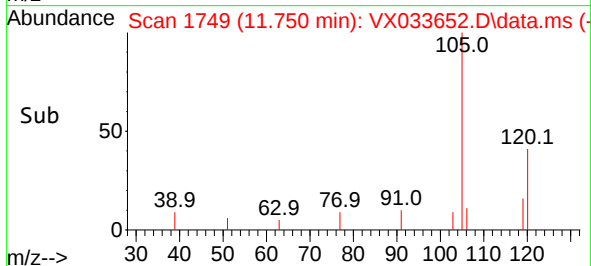
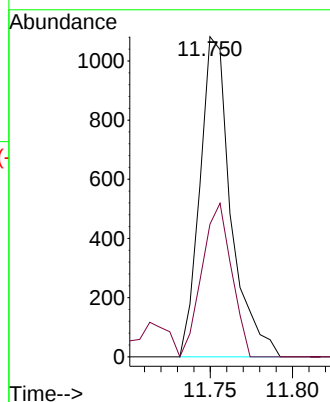
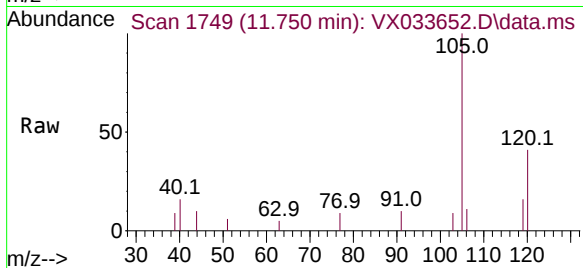




#80
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

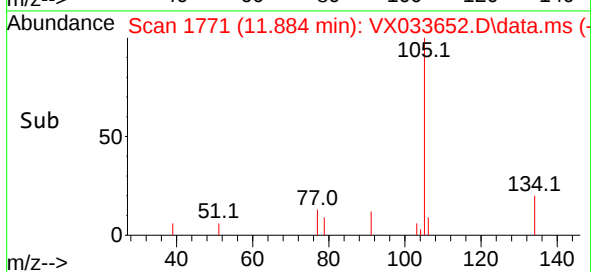
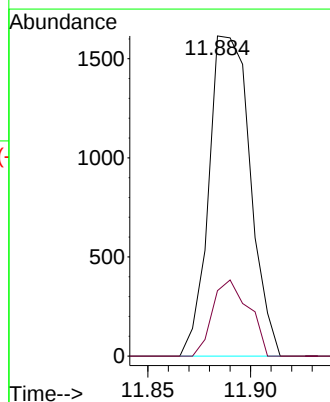
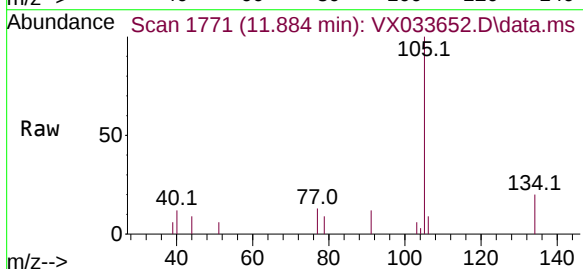
Instrument :
MSVOA_X
ClientSampleId :
IBLK

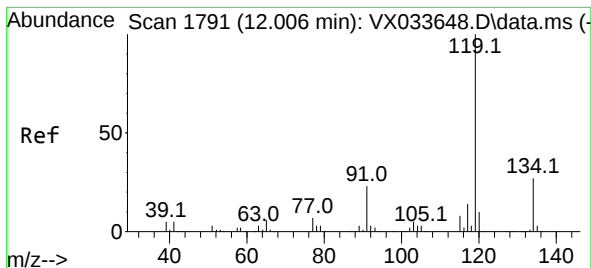
Tgt Ion:105 Resp: 1419
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.2



#81
sec-Butylbenzene
Concen: 0.271 ug/l
RT: 11.884 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion:105 Resp: 2260
Ion Ratio Lower Upper
105 100
134 20.8 0.0 43.2

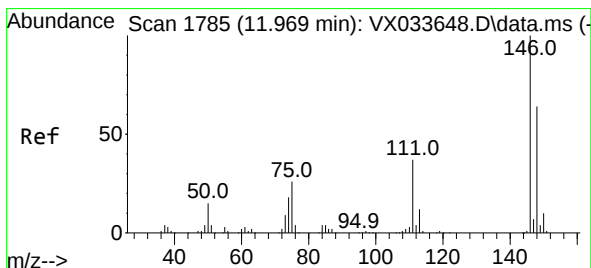
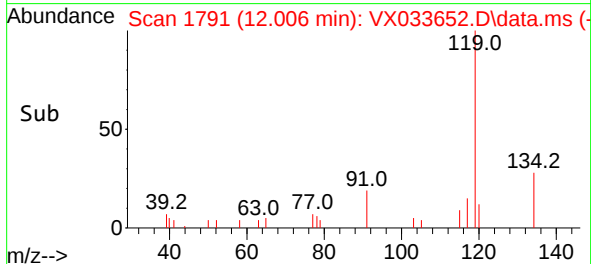
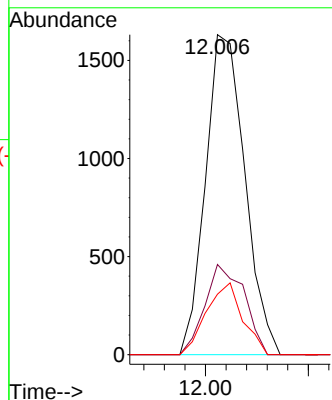
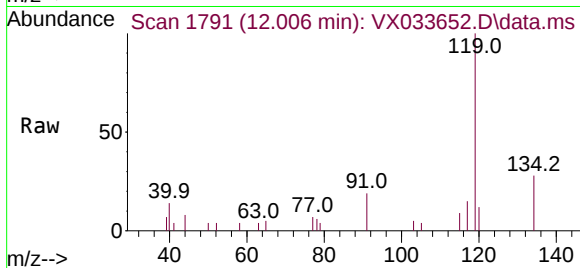




#82
p-Isopropyltoluene
Concen: 0.302 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

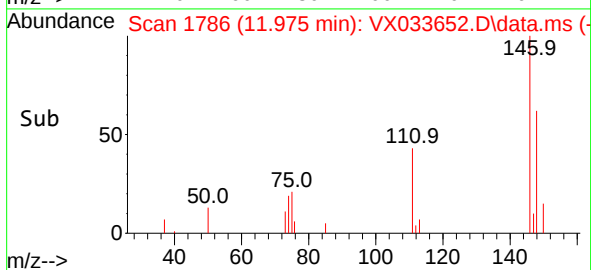
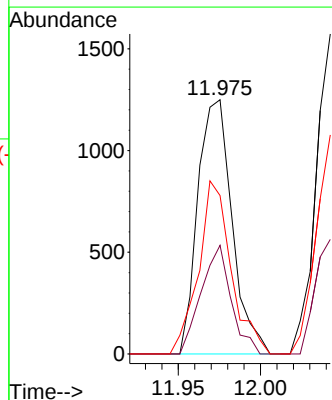
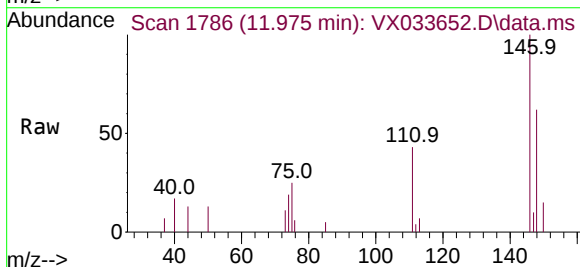
Instrument :
MSVOA_X
ClientSampleId :
IBLK

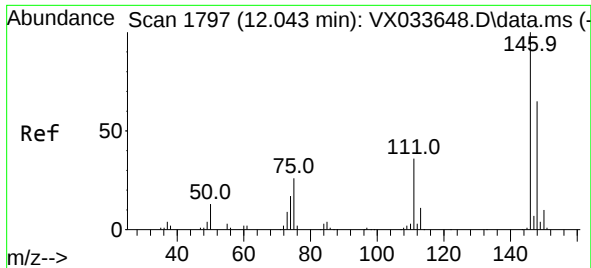
Tgt Ion:	119	Resp:	2167
Ion	Ratio	Lower	Upper
119	100		
134	28.2	0.0	54.4
91	20.6	0.0	45.2



#83
1,3-Dichlorobenzene
Concen: 0.463 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion:	146	Resp:	1809
Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	65.0	31.7	95.1

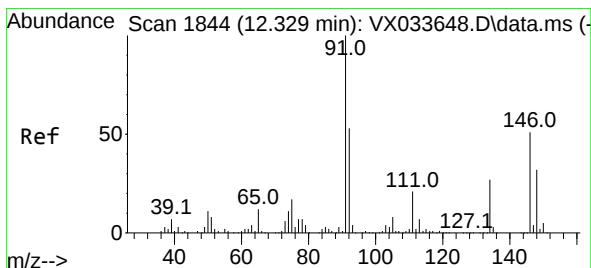
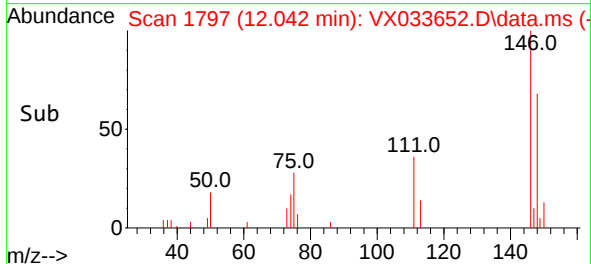
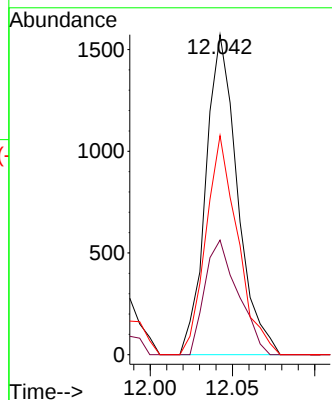
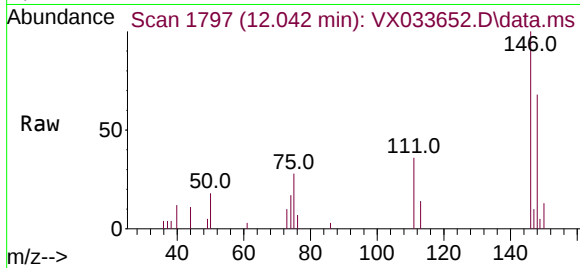




#84
1,4-Dichlorobenzene
Concen: 0.540 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

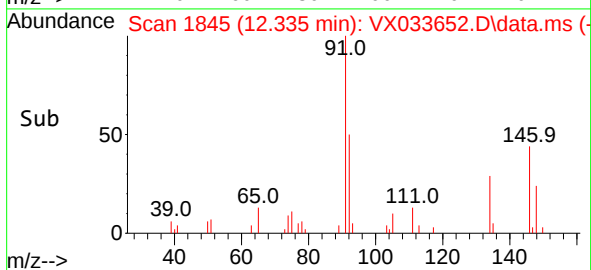
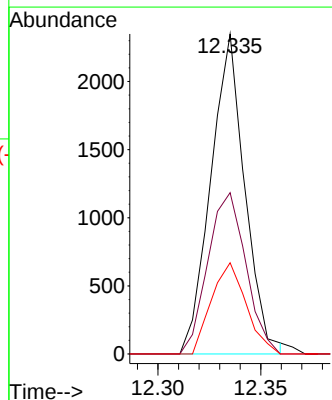
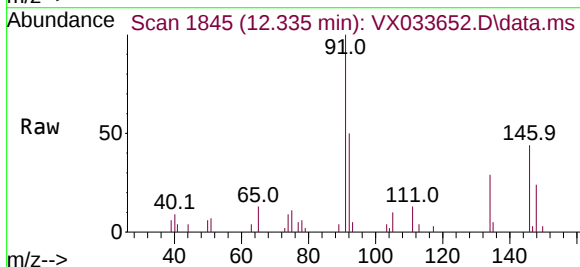
Instrument :
MSVOA_X
ClientSampleId :
IBLK

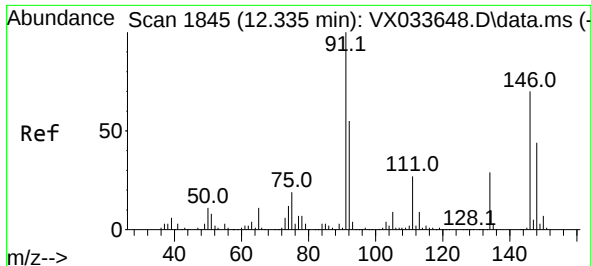
Tgt Ion:146 Resp: 2101
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.9
148 69.0 31.9 95.7



#85
n-Butylbenzene
Concen: 0.464 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion: 91 Resp: 2706
Ion Ratio Lower Upper
91 100
92 56.3 0.0 108.2
134 29.1 0.0 55.4

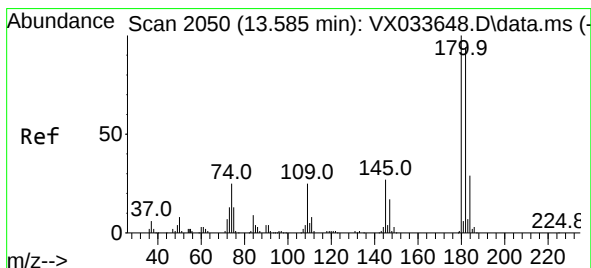
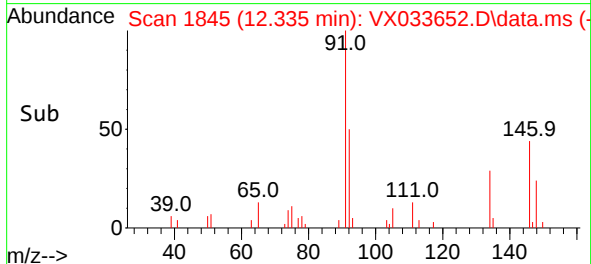
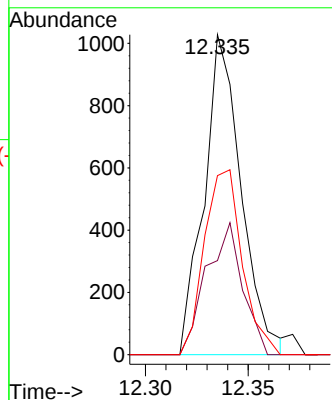
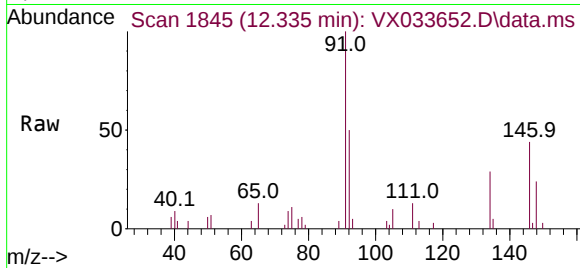




#87
1,2-Dichlorobenzene
Concen: 0.343 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

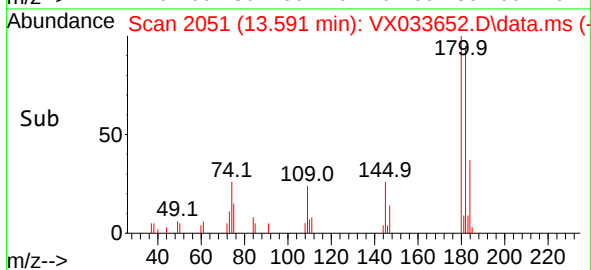
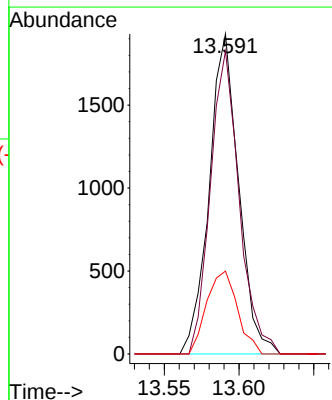
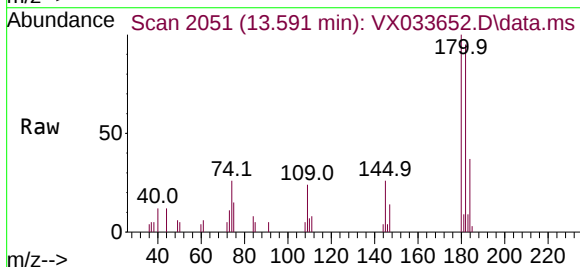
Instrument :
MSVOA_X
ClientSampleId :
IBLK

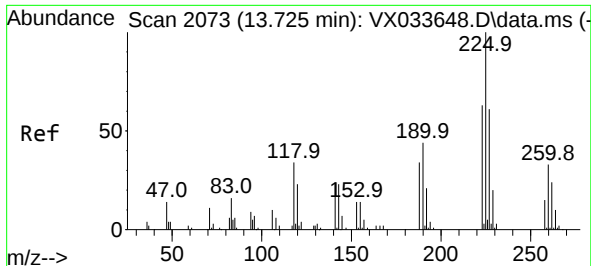
Tgt Ion:146 Resp: 1290
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 59.1 31.9 95.9



#89
1,2,4-Trichlorobenzene
Concen: 1.021 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion:180 Resp: 2642
Ion Ratio Lower Upper
180 100
182 92.4 76.7 115.1
145 27.1 21.8 32.6

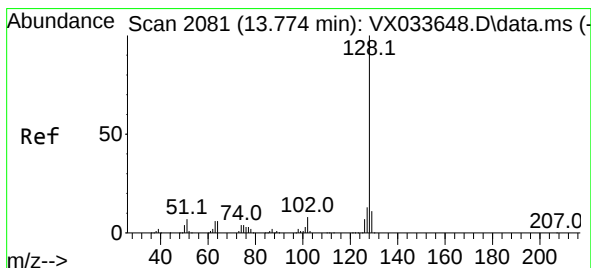
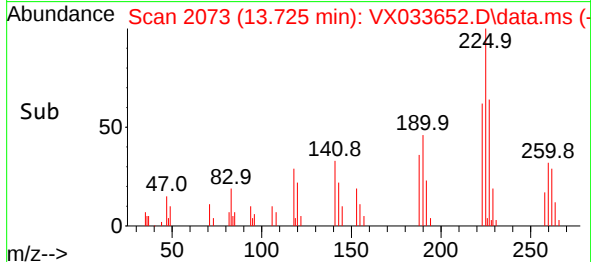
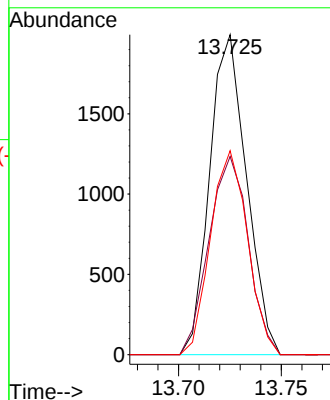
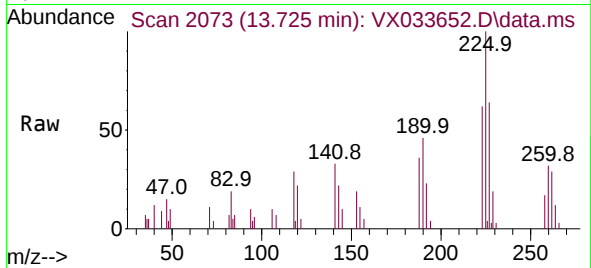




#90
Hexachlorobutadiene
Concen: 2.004 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

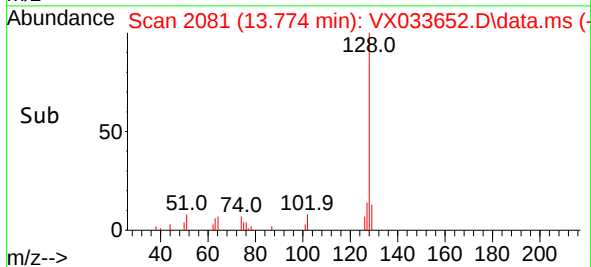
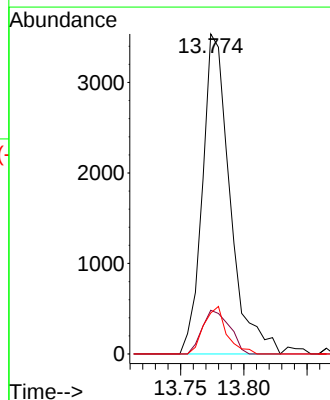
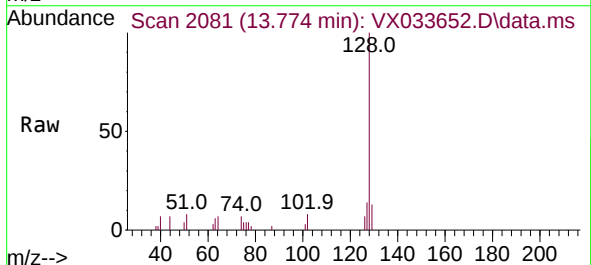
Instrument :
MSVOA_X
ClientSampleId :
IBLK

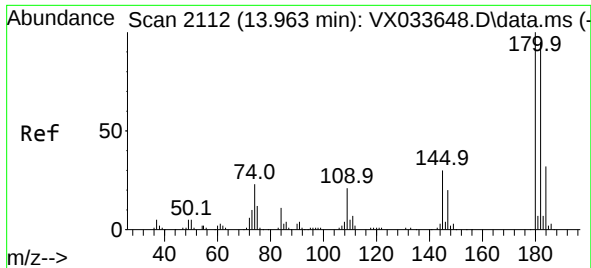
Tgt Ion:225 Resp: 2485
Ion Ratio Lower Upper
225 100
223 66.0 0.0 127.0
227 64.1 0.0 123.0



#91
Naphthalene
Concen: 0.707 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033652.D
Acq: 07 Jan 2023 00:59

Tgt Ion:128 Resp: 5372
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 12.3 8.8 13.2





#92

1,2,3-Trichlorobenzene

Concen: 1.046 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033652.D

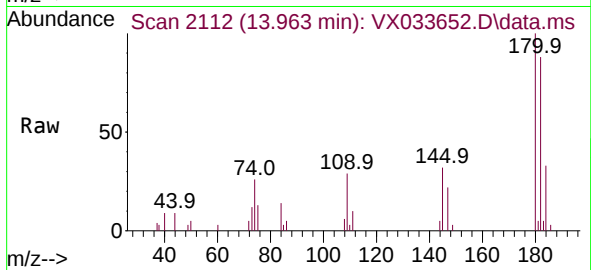
Acq: 07 Jan 2023 00:59

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 2714

Ion Ratio Lower Upper

180 100

182 93.0 0.0 191.2

145 30.6 0.0 60.4

