

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032751.D
 Acq On : 11 Nov 2022 02:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 11 05:34:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	12130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84756	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	10.055	117	87449	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35262	30.133	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.433%	
60) 4-Bromofluorobenzene	11.079	95	47114	28.165	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.900%	
63) Toluene-d8	8.653	98	89485	30.321	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	296	0.276	ug/l	94
3) Chloromethane	1.300	50	268	0.252	ug/l #	40
4) Vinyl Chloride	1.373	62	327	0.271	ug/l #	69
5) Bromomethane	1.611	94	676	0.632	ug/l	81
7) Trichlorofluoromethane	1.892	101	645	0.278	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	483	0.391	ug/l	64
10) 1,1-Dichloroethene	2.318	96	404	0.342	ug/l #	78
11) Methyl Iodide	2.459	142	496	0.391	ug/l #	91
13) Acrolein	2.239	56	390	1.673	ug/l #	80
14) Acrylonitrile	3.080	53	791	1.262	ug/l #	27
15) Acetone	2.398	58	39	0.239	ug/l #	66
16) Carbon Disulfide	2.513	76	4652	1.584	ug/l	96
17) Allyl chloride	2.666	41	382	0.204	ug/l #	63
18) Methylene Chloride	2.788	84	1322	0.971	ug/l #	88
19) trans-1,2-Dichloroethene	3.093	96	846	0.651	ug/l	97
37) Trichloroethene	7.129	130	614	0.414	ug/l	99
38) Methylcyclohexane	7.385	83	666	0.316	ug/l	85
40) Dibromomethane	7.586	93	255	0.249	ug/l	62
42) Vinyl Acetate	3.739	43	886	0.263	ug/l #	67
53) Dibromochloromethane	9.281	129	491	0.321	ug/l #	10
55) 2-Chloroethyl vinyl ether	8.256	63	553	0.544	ug/l #	73
56) Bromoform	11.085	173	436	0.398	ug/l #	1
61) Tetrachloroethene	9.281	164	502	0.411	ug/l	85
64) Chlorobenzene	10.079	112	958	0.272	ug/l	99
66) Ethyl Benzene	10.201	91	1359	0.213	ug/l #	85
67) m/p-Xylenes	10.305	106	1190	0.479	ug/l	83
69) Styrene	10.658	104	865	0.214	ug/l	90
73) Bromobenzene	11.201	156	404	0.256	ug/l	86
74) n-propylbenzene	11.305	91	2072	0.280	ug/l	97
75) 2-Chlorotoluene	11.366	91	1202	0.269	ug/l	99
76) 1,3,5-Trimethylbenzene	11.457	105	1303	0.237	ug/l	98
77) t-1,4-Dichloro-2-butene	11.079	75	26154	50.028	ug/l #	8
78) 4-Chlorotoluene	11.457	91	1773	0.344	ug/l	94
79) tert-butylbenzene	11.719	119	1156	0.216	ug/l	86
80) 1,2,4-Trimethylbenzene	11.756	105	1493	0.278	ug/l	91
81) sec-Butylbenzene	11.890	105	2081	0.323	ug/l	96
82) p-Isopropyltoluene	12.012	119	1789	0.330	ug/l	98
83) 1,3-Dichlorobenzene	11.975	146	1408	0.486	ug/l	85
84) 1,4-Dichlorobenzene	12.042	146	1550	0.532	ug/l	97

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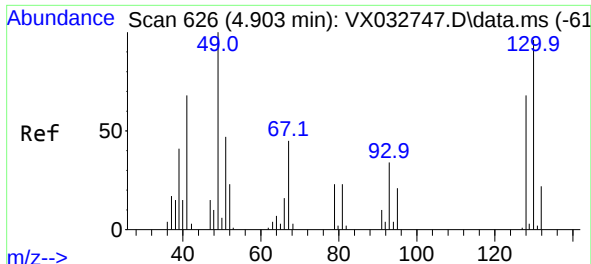
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) n-Butylbenzene	12.335	91	2425	0.528	ug/l	93
86) Hexachloroethane	12.536	117	198	0.222	ug/l	76
87) 1,2-Dichlorobenzene	12.341	146	958	0.332	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	1522	0.860	ug/l	95
90) Hexachlorobutadiene	13.725	225	2462	3.456	ug/l	96
91) Naphthalene	13.780	128	4356	0.729	ug/l	96
92) 1,2,3-Trichlorobenzene	13.963	180	1810	1.017	ug/l	91

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

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QLast Update : Fri Nov 11 05:24:06 2022
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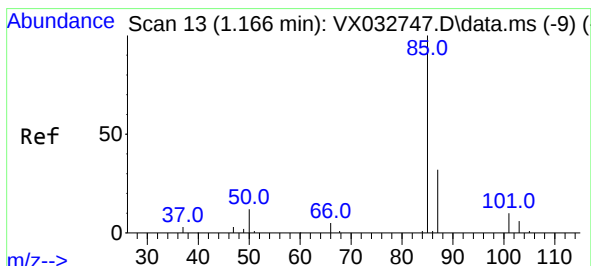
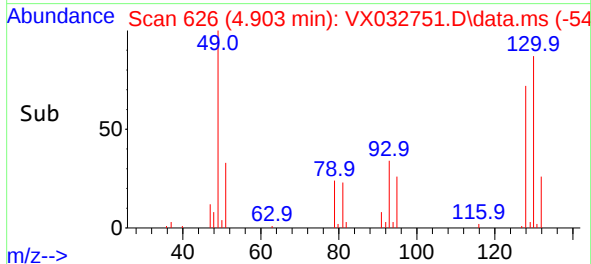
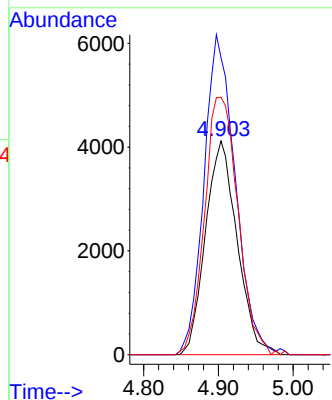
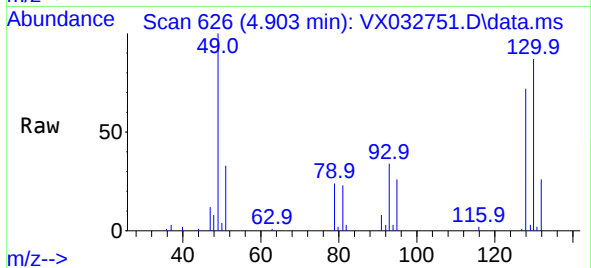




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

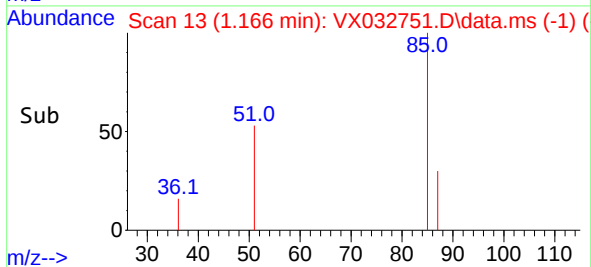
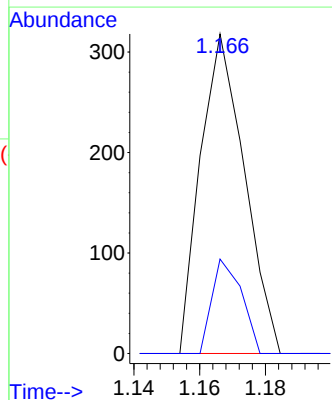
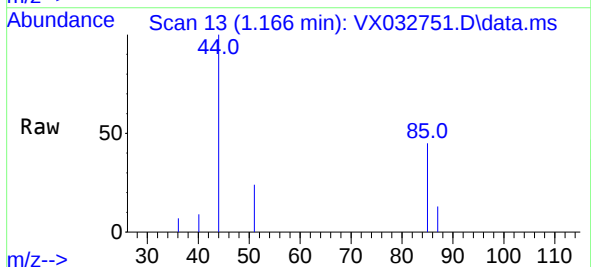
Instrument :
MSVOA_X
ClientSampleId :
IBLK

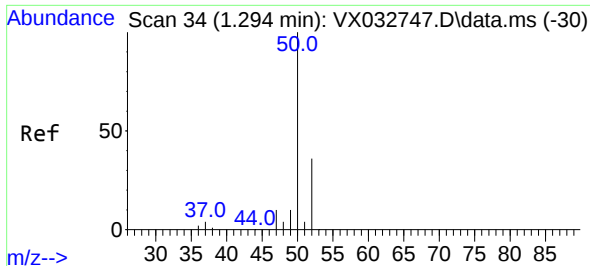
Tgt Ion:128 Resp: 12130
Ion Ratio Lower Upper
128 100
49 147.7 0.0 293.0
130 127.3 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 0.276 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 85 Resp: 296
Ion Ratio Lower Upper
85 100
87 29.6 16.5 49.5

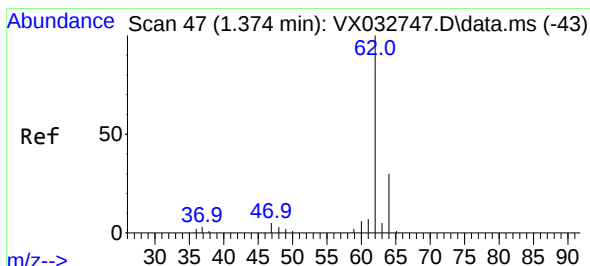
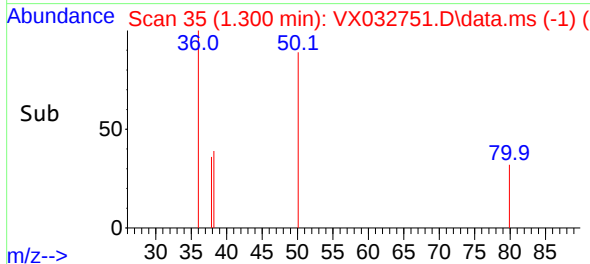
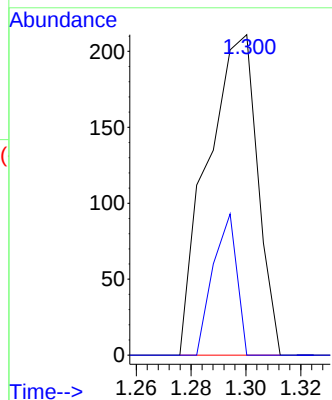
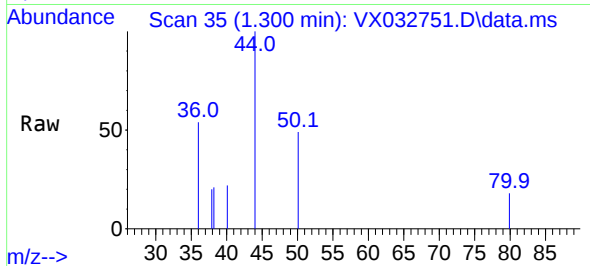




#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

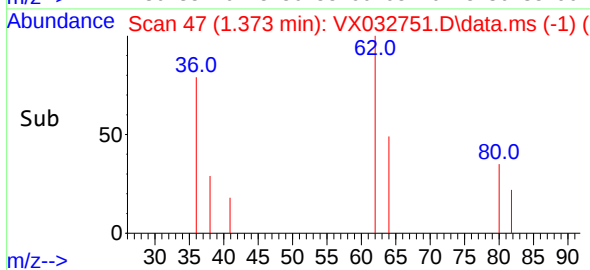
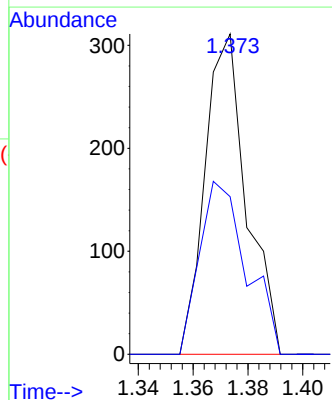
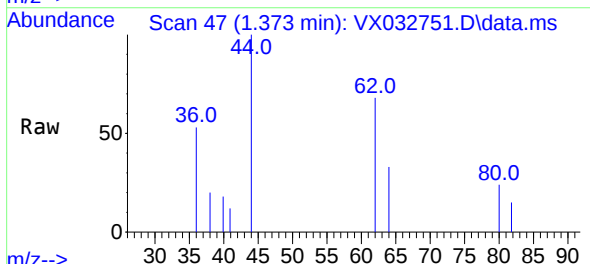
Instrument :
MSVOA_X
ClientSampleId :
IBLK

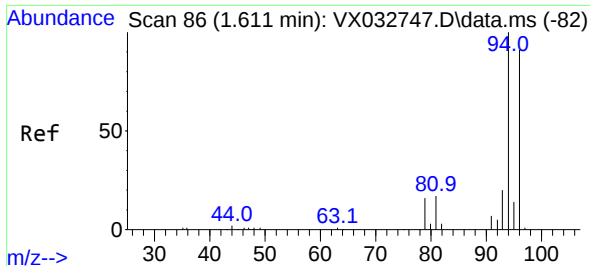
Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 0.0 27.6 41.4#



#4
Vinyl Chloride
Concen: 0.271 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 62 Resp: 327
Ion Ratio Lower Upper
62 100
64 49.2 25.7 38.5#

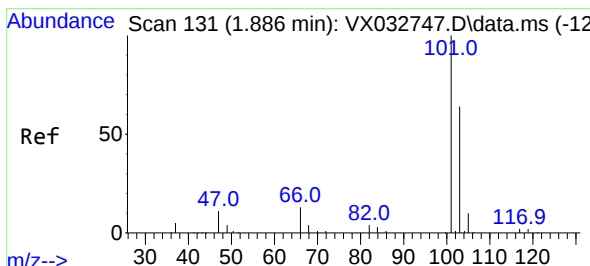
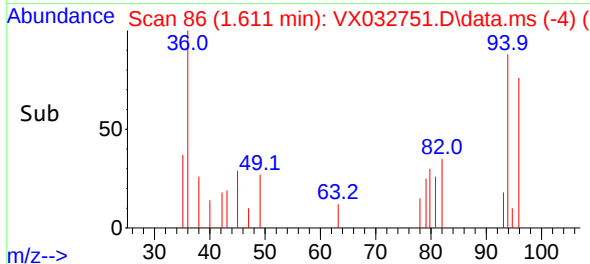
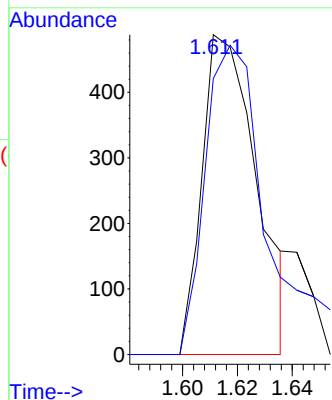
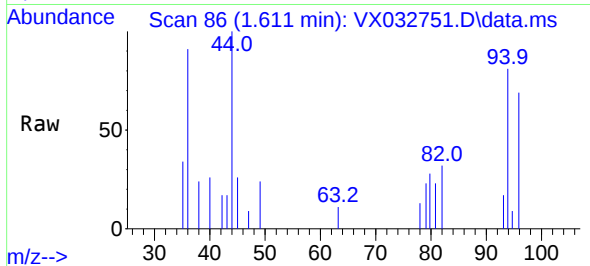




#5
Bromomethane
Concen: 0.632 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

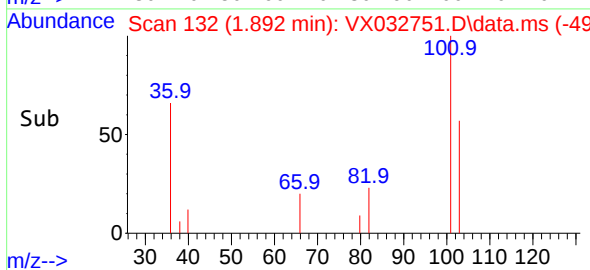
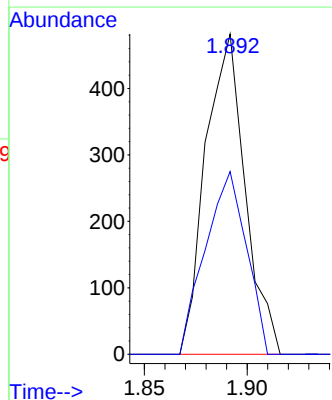
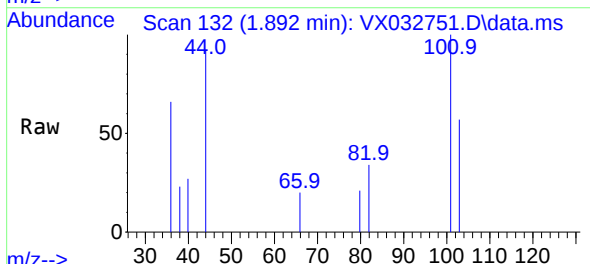
Instrument :
MSVOA_X
ClientSampleId :
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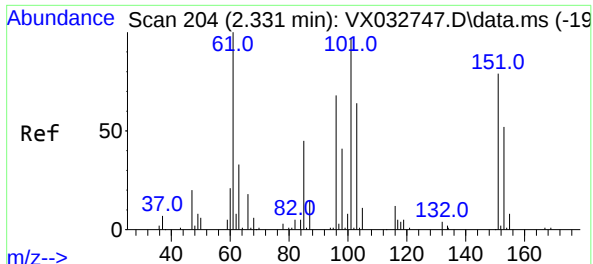
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 77.4 76.8 115.2



#7
Trichlorofluoromethane
Concen: 0.278 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 101 Resp: 645
Ion Ratio Lower Upper
101 100
103 57.1 51.7 77.5



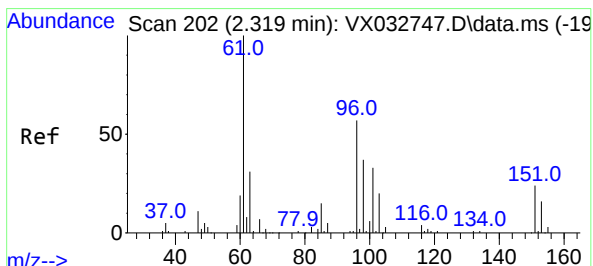
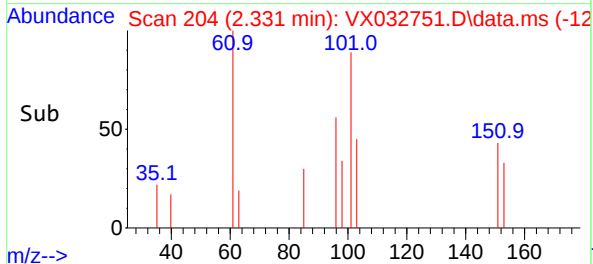
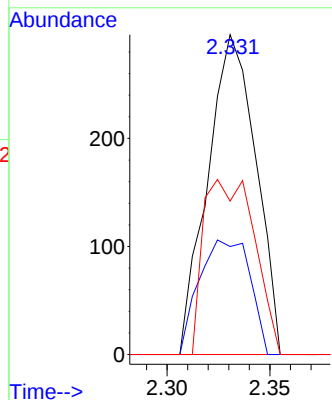
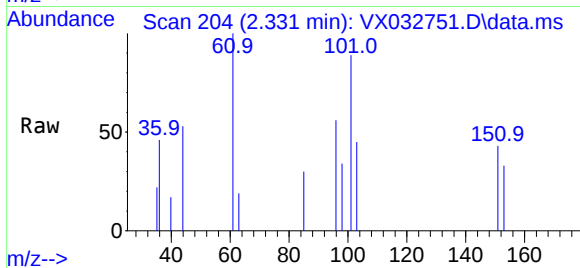


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.391 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX032751.D
 Acq: 11 Nov 2022 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:101 Resp: 483

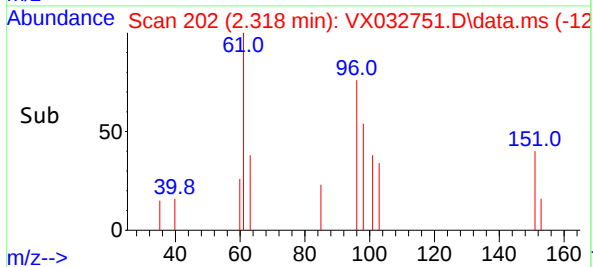
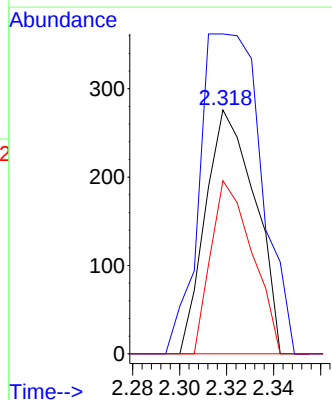
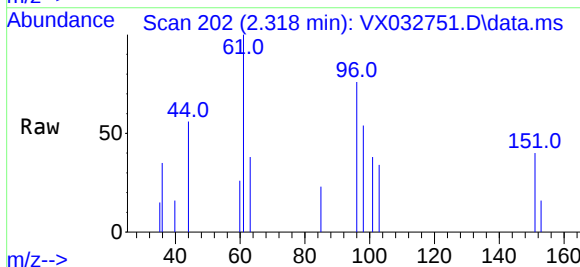
Ion	Ratio	Lower	Upper
101	100		
85	37.7	0.0	88.8
151	34.0	0.0	156.6

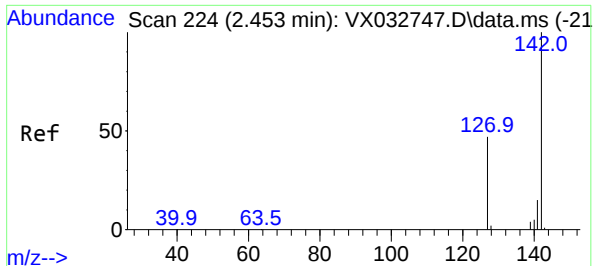


#10
 1,1-Dichloroethene
 Concen: 0.342 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX032751.D
 Acq: 11 Nov 2022 02:31

Tgt Ion: 96 Resp: 404

Ion	Ratio	Lower	Upper
96	100		
61	111.6	115.8	173.6#
98	71.0	49.7	74.5

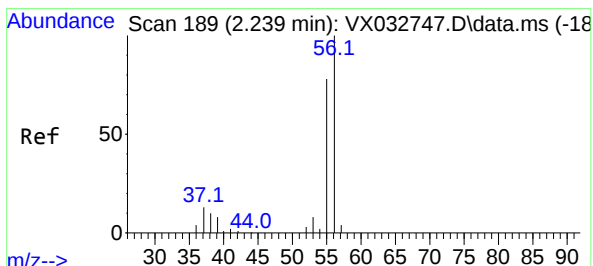
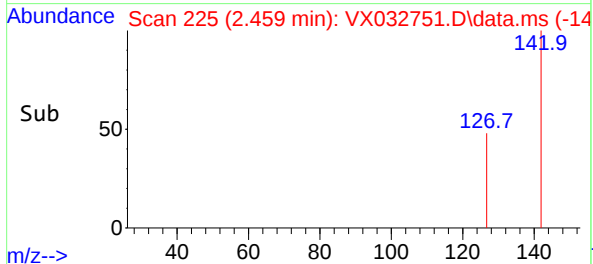
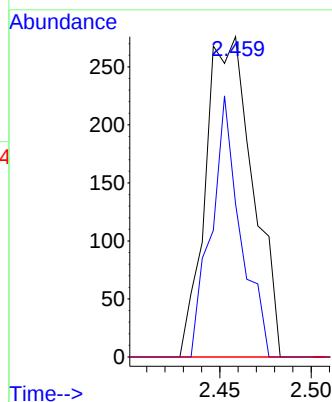
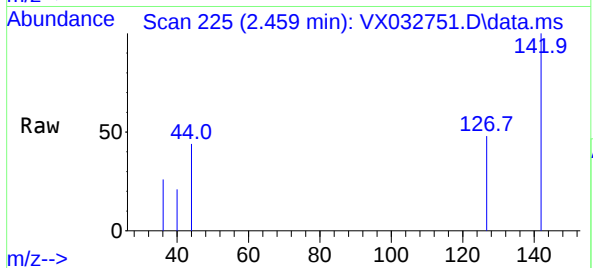




#11
Methyl Iodide
Concen: 0.391 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

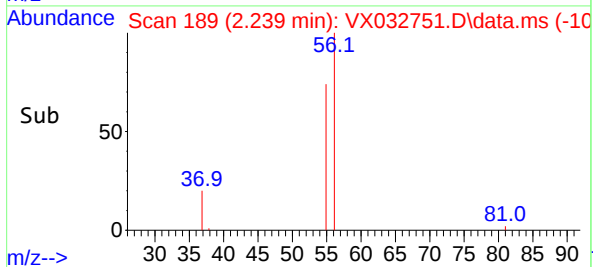
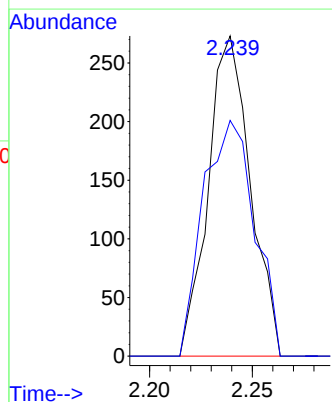
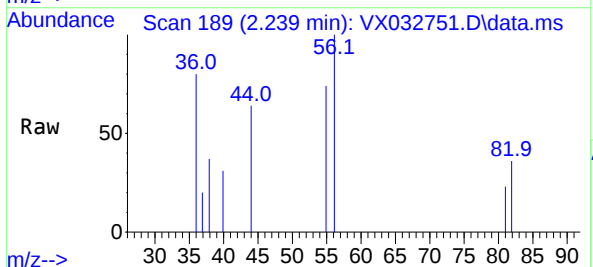
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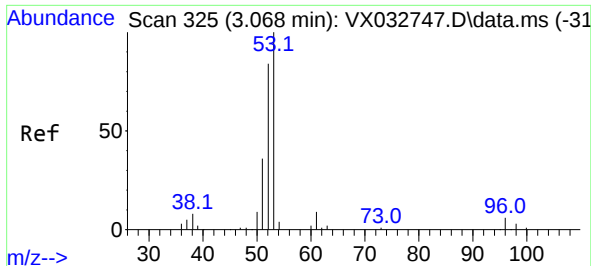
Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
127 47.8 23.8 71.2
141 0.0 7.6 22.8#



#13
Acrolein
Concen: 1.673 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 56 Resp: 390
Ion Ratio Lower Upper
56 100
55 89.5 58.4 87.6#

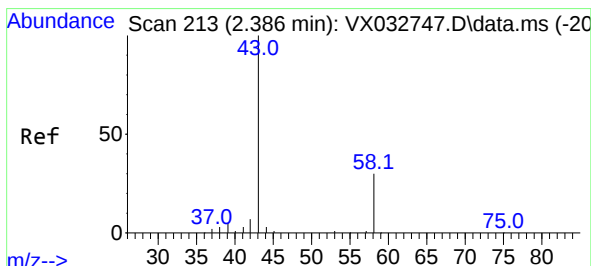
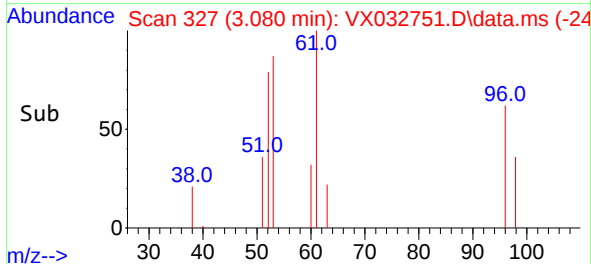
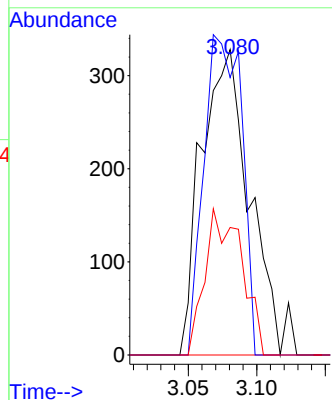
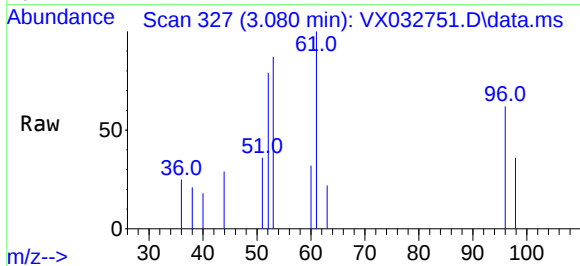




#14
Acrylonitrile
Concen: 1.262 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

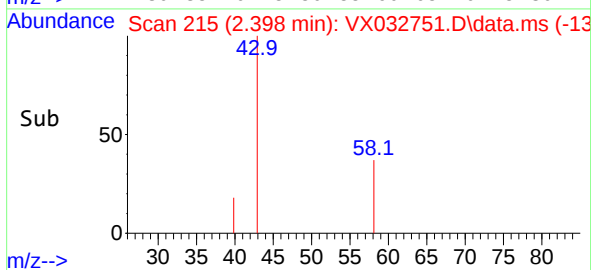
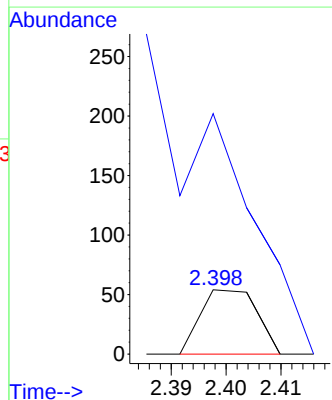
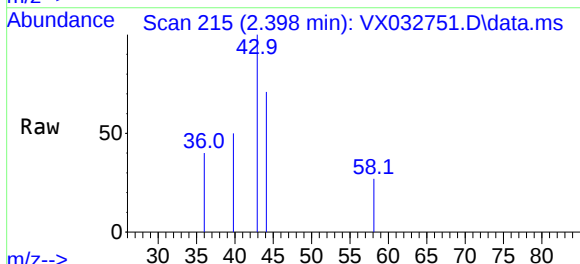
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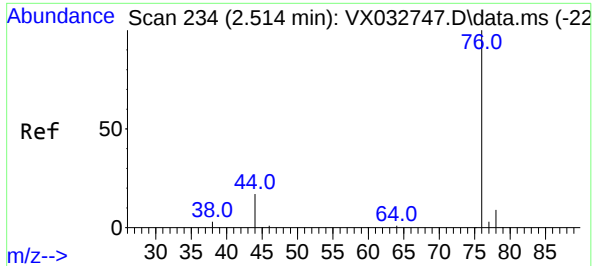
Tgt Ion: 53 Resp: 791
Ion Ratio Lower Upper
53 100
52 0.0 41.5 124.5#
51 18.2 18.3 54.9#



#15
Acetone
Concen: 0.239 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 58 Resp: 39
Ion Ratio Lower Upper
58 100
43 235.2 242.6 364.0#

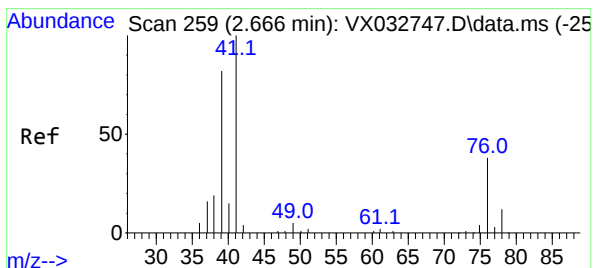
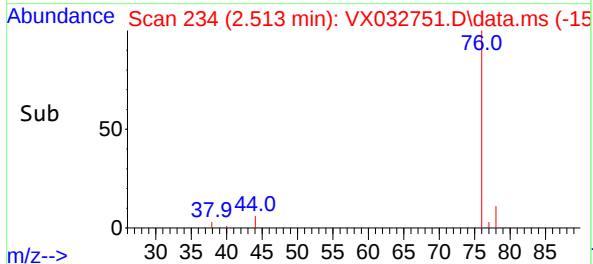
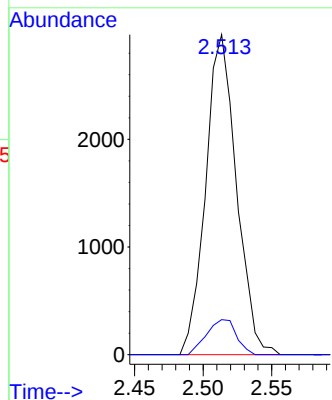
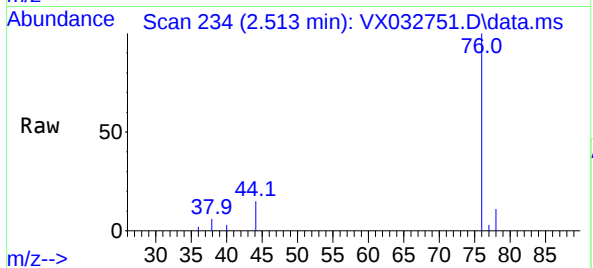




#16
Carbon Disulfide
Concen: 1.584 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

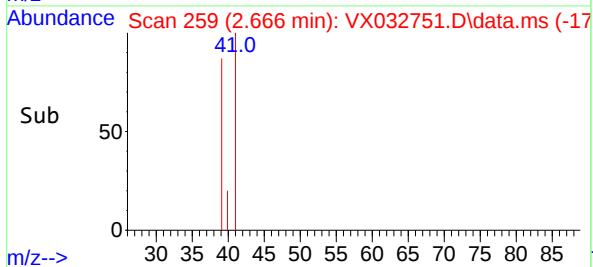
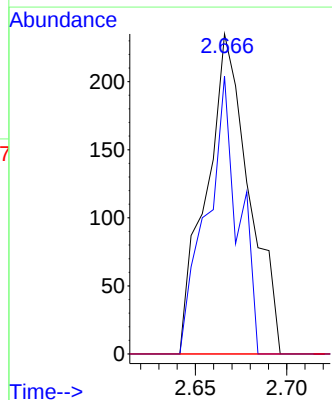
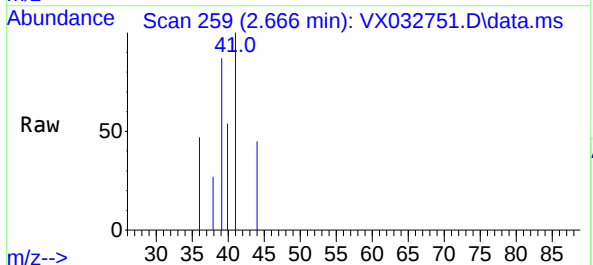
Instrument :
MSVOA_X
ClientSampleId :
IBLK

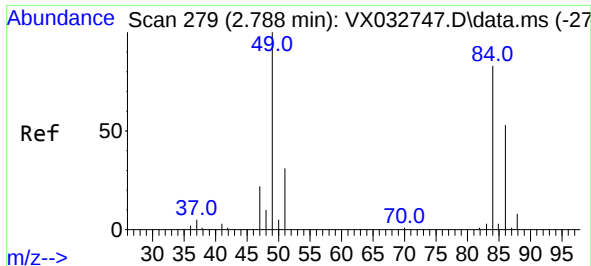
Tgt Ion: 76 Resp: 4652
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#17
Allyl chloride
Concen: 0.204 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 41 Resp: 382
Ion Ratio Lower Upper
41 100
39 86.8 37.0 111.0
76 0.0 23.8 71.5#



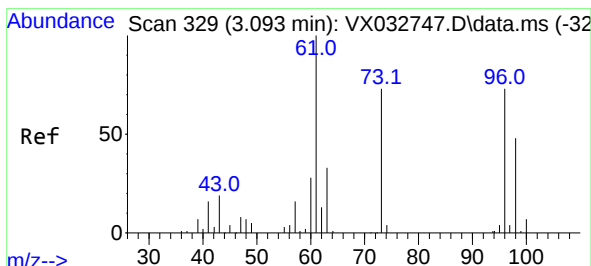
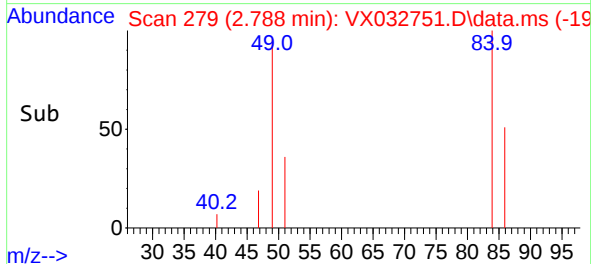
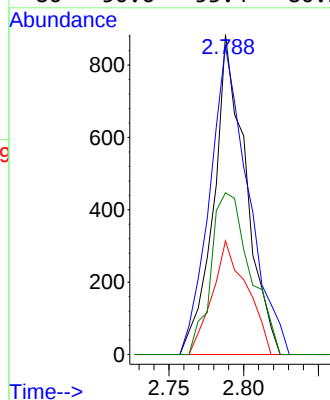
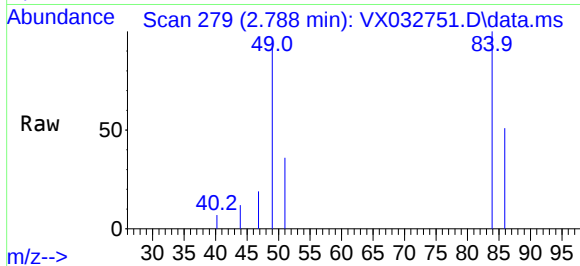


#18
Methylene Chloride
Concen: 0.971 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1322

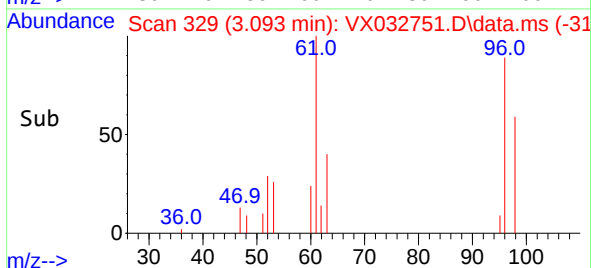
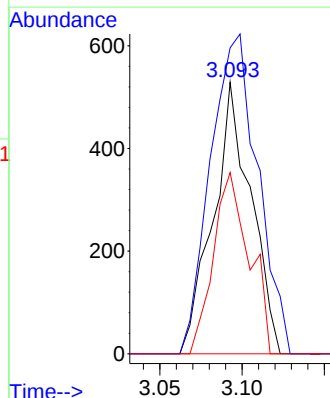
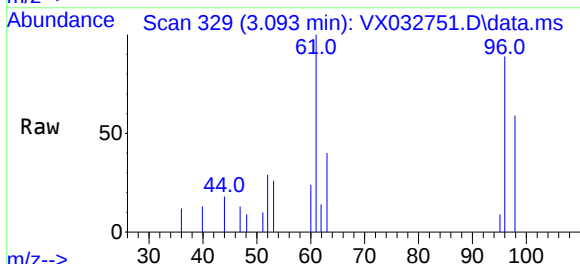
Ion	Ratio	Lower	Upper
84	100		
49	96.4	84.6	127.0
51	35.5	26.5	39.7
86	50.6	53.4	80.2

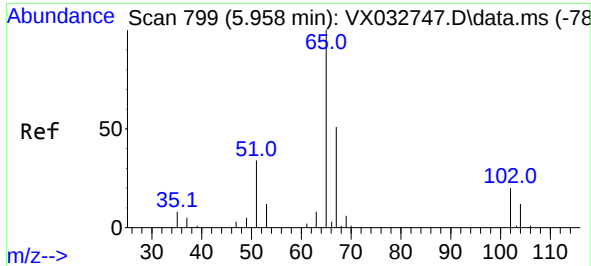


#19
trans-1,2-Dichloroethene
Concen: 0.651 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 96 Resp: 846

Ion	Ratio	Lower	Upper
96	100		
61	112.7	87.4	131.0
98	66.7	51.5	77.3

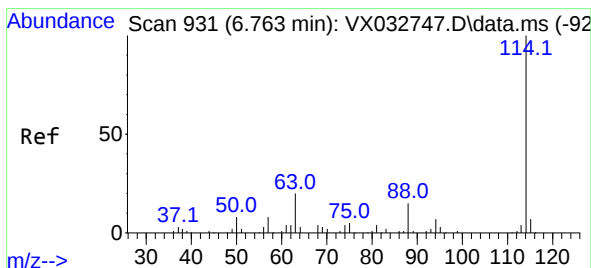
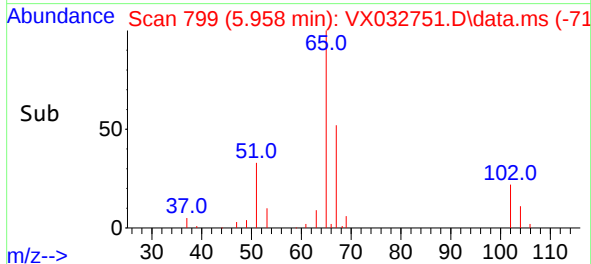
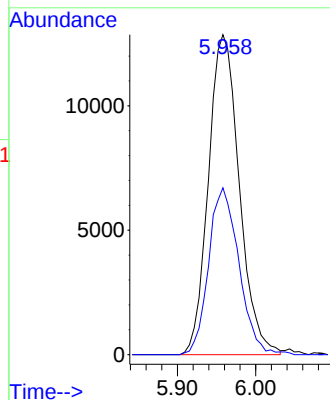
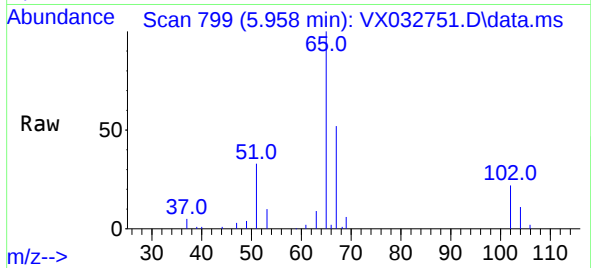




#27
1,2-Dichloroethane-d4
Concen: 30.133 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

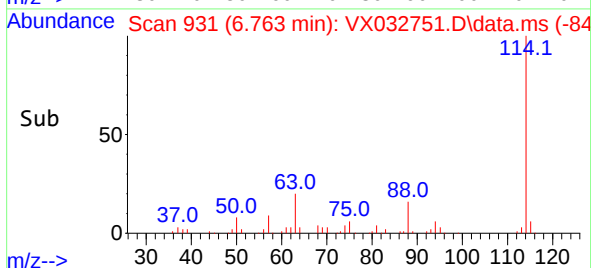
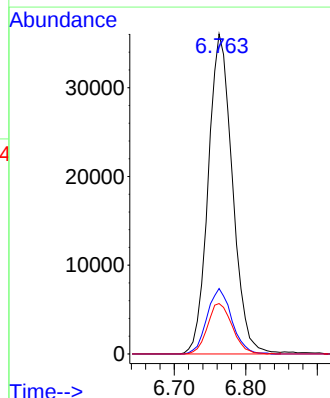
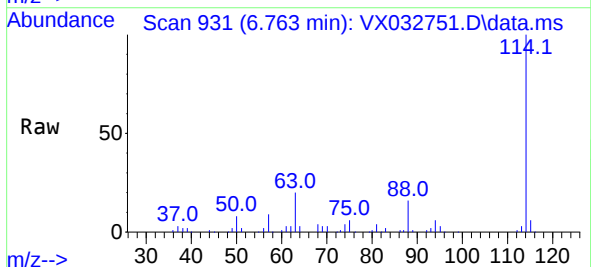
Instrument :
MSVOA_X
ClientSampleId :
IBLK

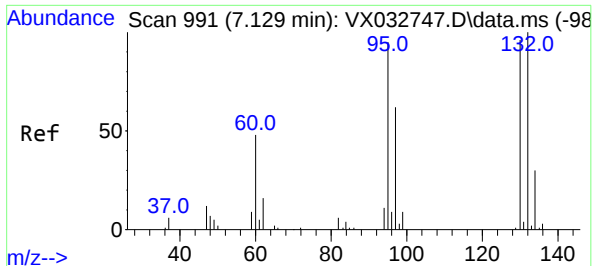
Tgt Ion: 65 Resp: 35262
Ion Ratio Lower Upper
65 100
67 50.8 41.8 62.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 114 Resp: 84756
Ion Ratio Lower Upper
114 100
63 20.8 13.6 20.4#
88 16.1 11.8 17.6





#37

Trichloroethene

Concen: 0.414 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032751.D

Acq: 11 Nov 2022 02:31

Instrument :

MSVOA_X

ClientSampleId :

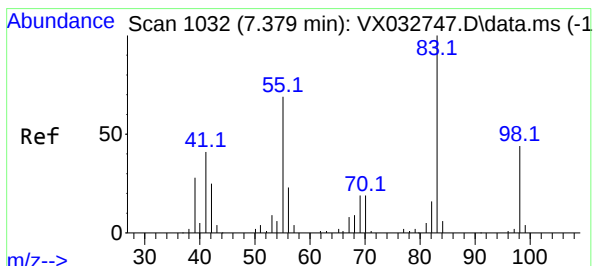
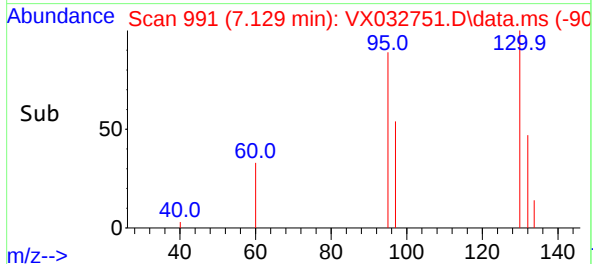
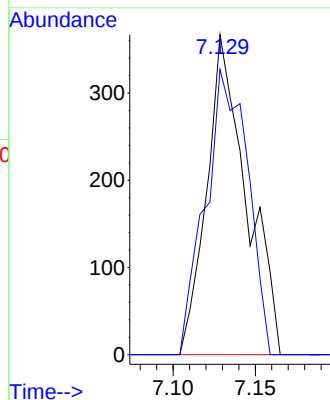
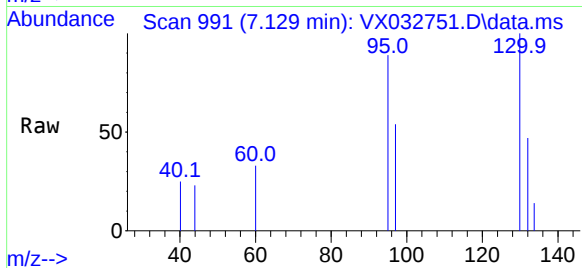
IBLK

Tgt Ion:130 Resp: 614

Ion Ratio Lower Upper

130 100

95 89.1 72.4 108.6



#38

Methylcyclohexane

Concen: 0.316 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX032751.D

Acq: 11 Nov 2022 02:31

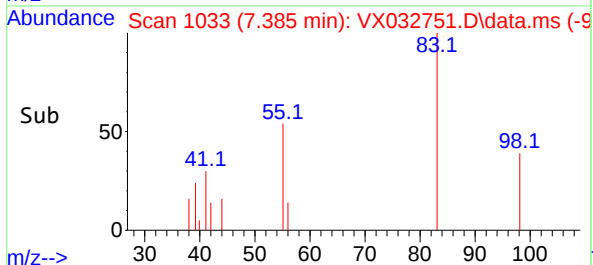
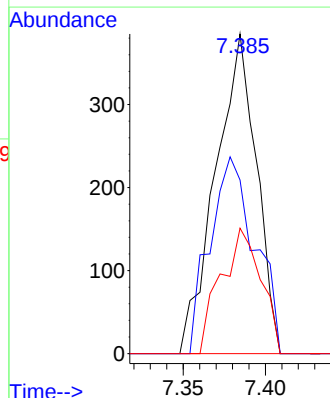
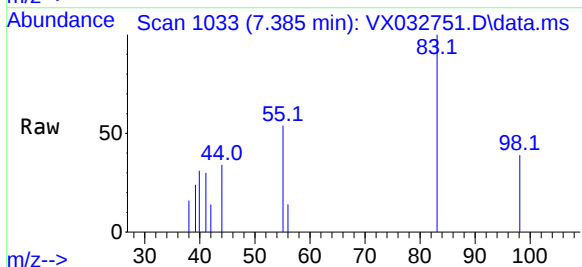
Tgt Ion: 83 Resp: 666

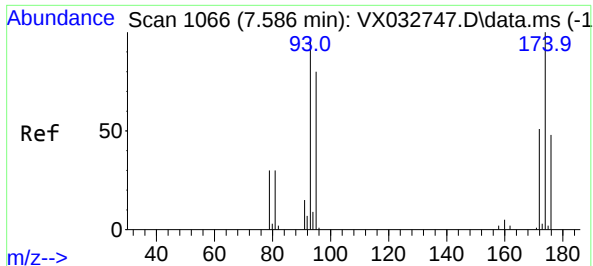
Ion Ratio Lower Upper

83 100

55 55.3 31.6 94.7

98 38.4 26.9 80.6

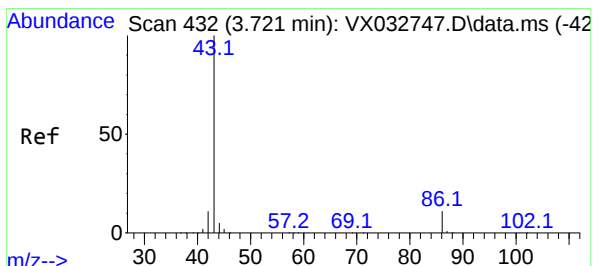
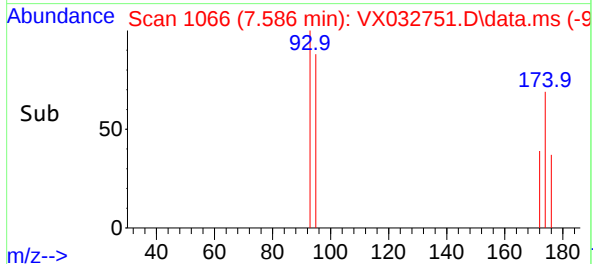
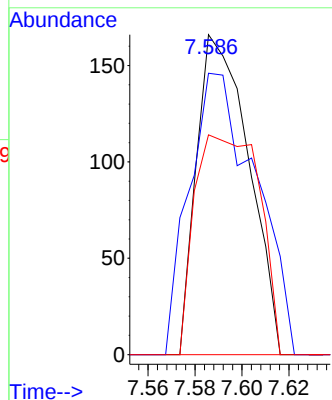
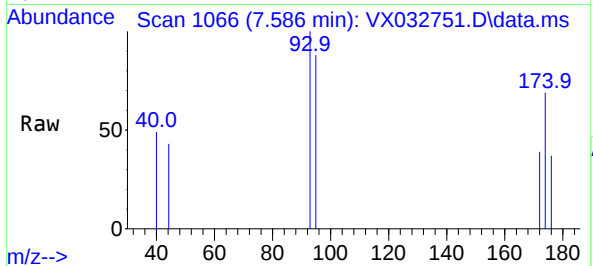




#40
Dibromomethane
Concen: 0.249 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

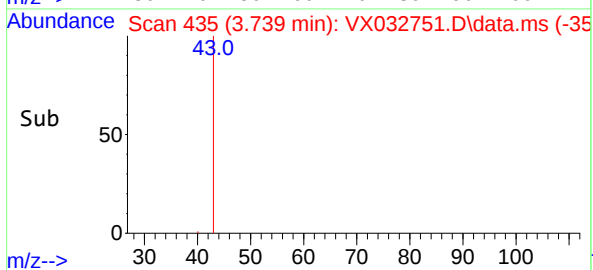
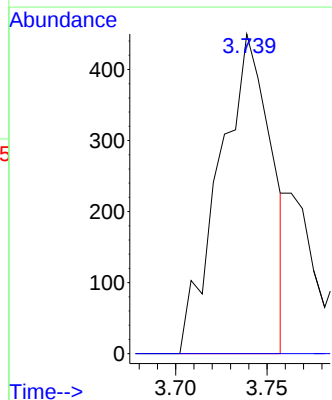
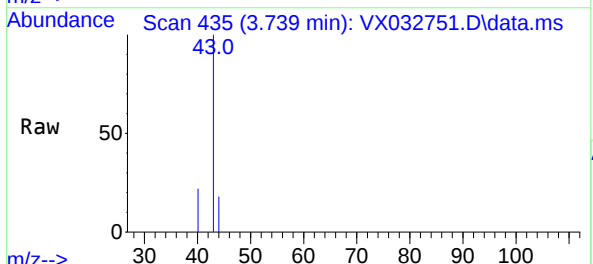
Instrument :
MSVOA_X
ClientSampleId :
IBLK

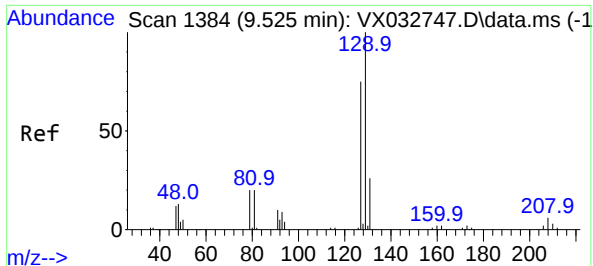
Tgt Ion: 93 Resp: 255
Ion Ratio Lower Upper
93 100
95 112.5 0.0 165.0
174 60.0 0.0 205.2



#42
Vinyl Acetate
Concen: 0.263 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
86 0.0 10.3 15.5#

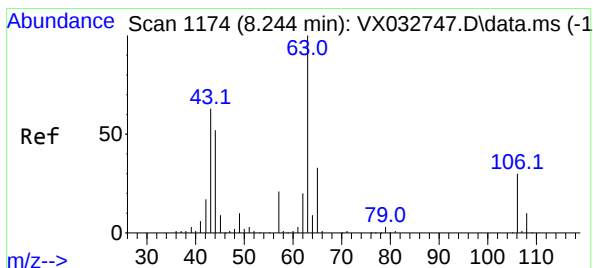
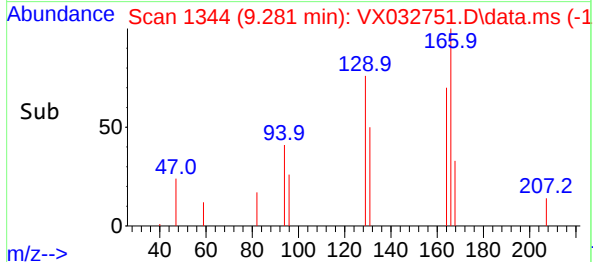
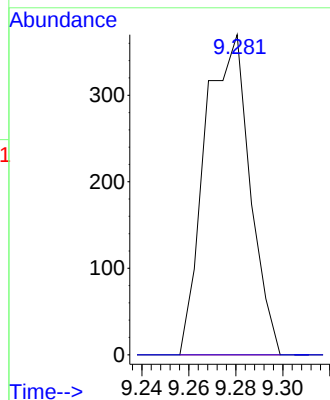
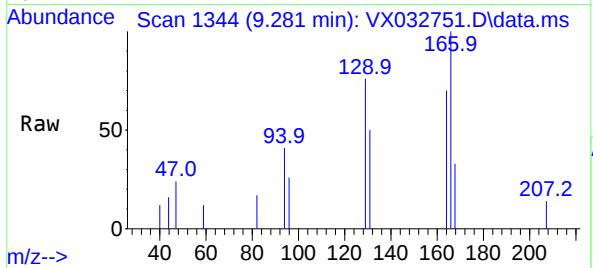




#53
Dibromochloromethane
Concen: 0.321 ug/l
RT: 9.281 min Scan# 1176
Delta R.T. -0.244 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

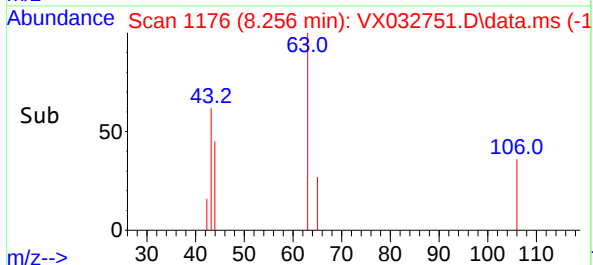
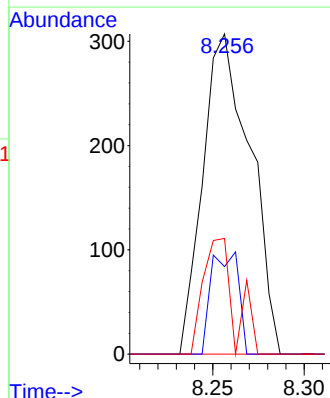
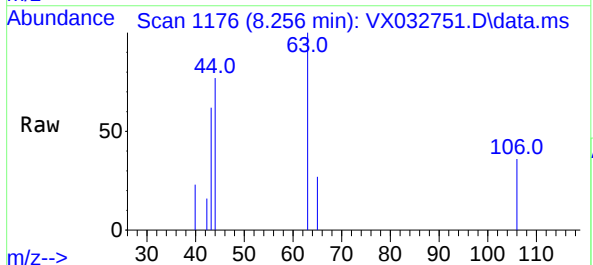
Instrument :
MSVOA_X
ClientSampleId :
IBLK

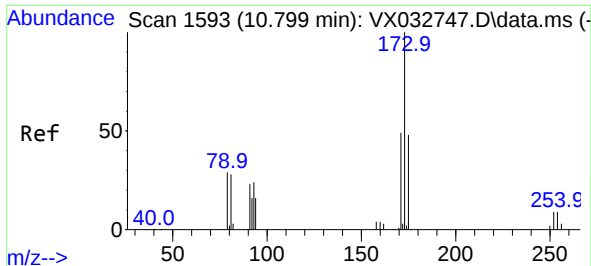
Tgt Ion:129 Resp: 491
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#55
2-Chloroethyl vinyl ether
Concen: 0.544 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 63 Resp: 553
Ion Ratio Lower Upper
63 100
65 18.3 25.5 38.3#
106 19.2 28.9 43.3#

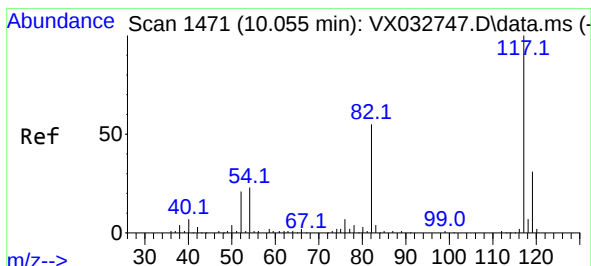
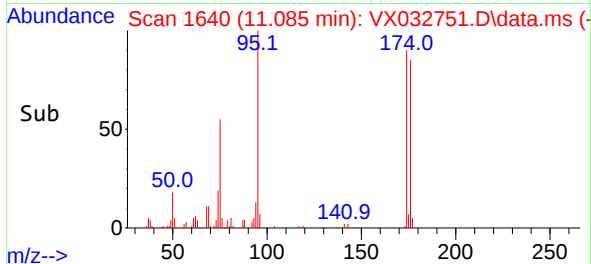
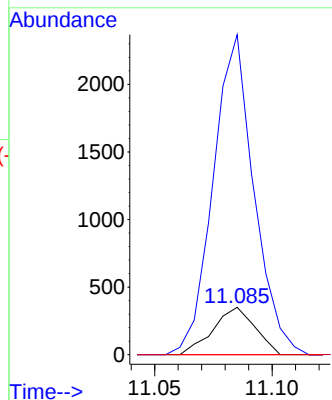
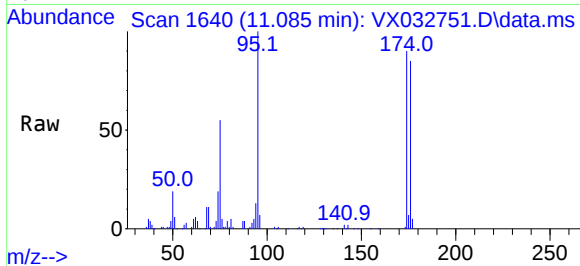




#56
Bromoform
Concen: 0.398 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.286 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

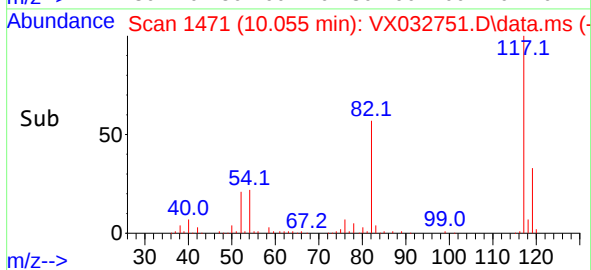
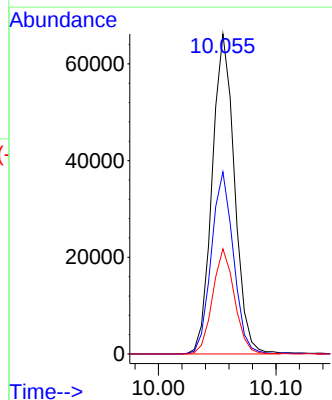
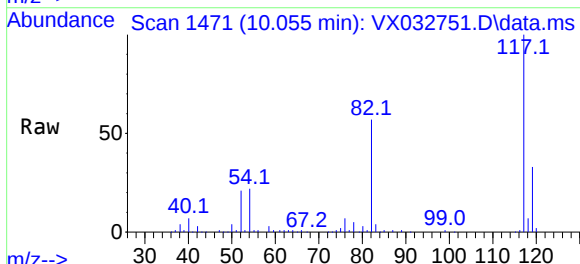
Instrument :
MSVOA_X
ClientSampleId :
IBLK

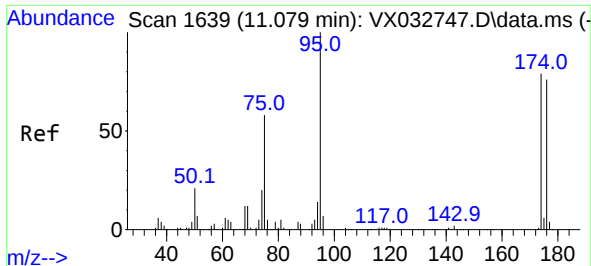
Tgt Ion:173 Resp: 436
Ion Ratio Lower Upper
173 100
175 657.3 38.6 58.0#
254 0.0 6.8 10.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion:117 Resp: 87449
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.2 26.0 39.0

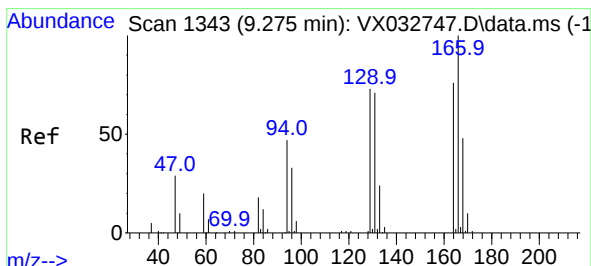
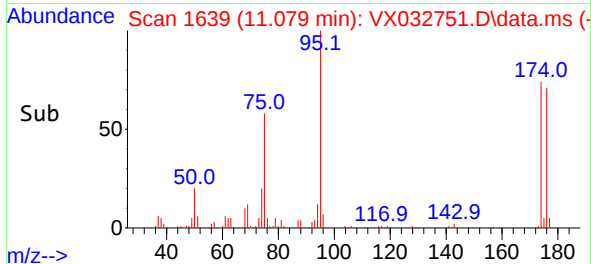
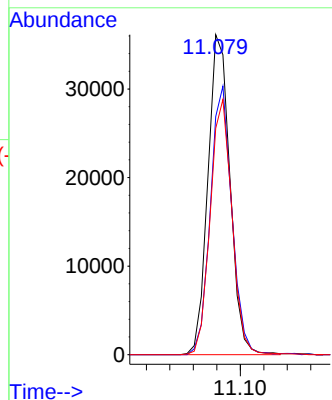
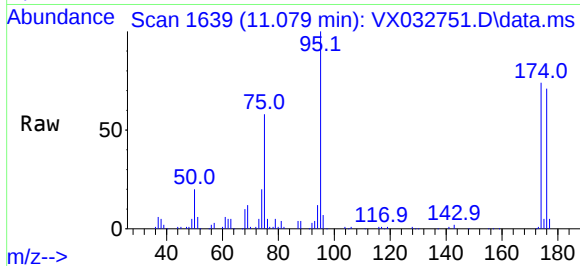




#60
4-Bromofluorobenzene
Concen: 28.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

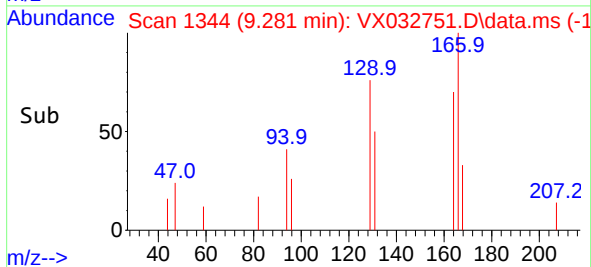
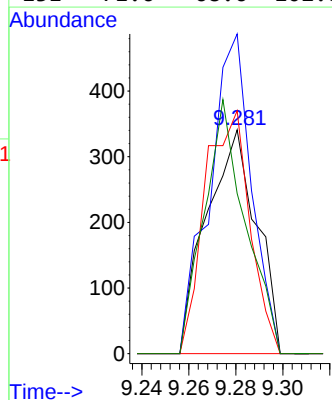
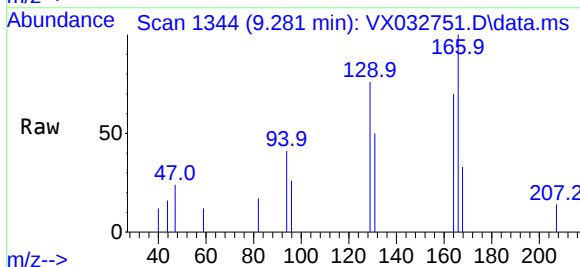
Instrument :
MSVOA_X
ClientSampleId :
IBLK

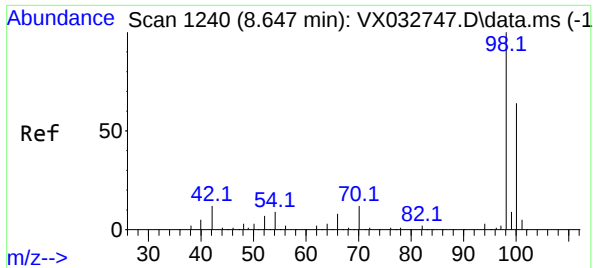
Tgt Ion: 95 Resp: 47114
Ion Ratio Lower Upper
95 100
174 81.8 68.2 102.2
176 78.7 68.1 102.1



#61
Tetrachloroethene
Concen: 0.411 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 164 Resp: 502
Ion Ratio Lower Upper
164 100
166 142.8 102.8 154.2
129 108.5 73.0 109.4
131 71.6 68.6 102.8

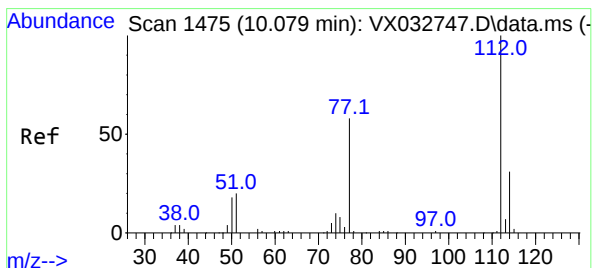
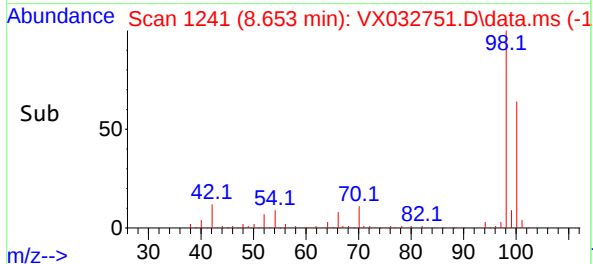
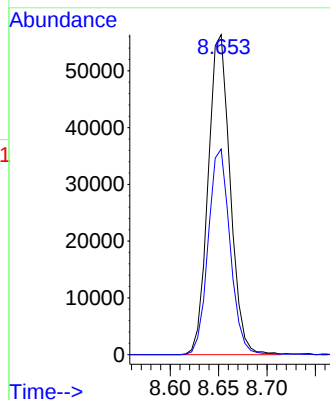
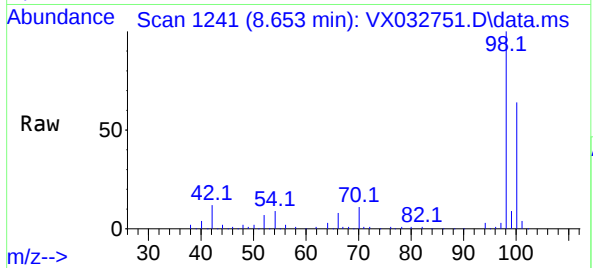




#63
Toluene-d8
Concen: 30.321 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

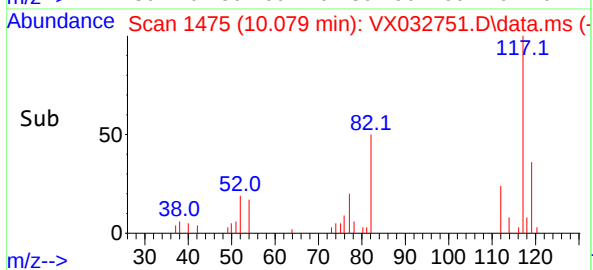
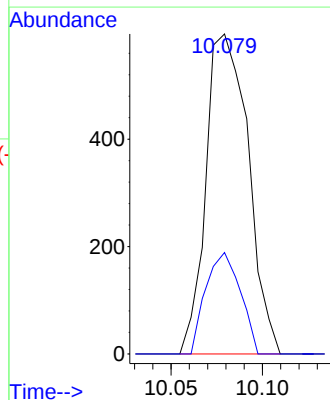
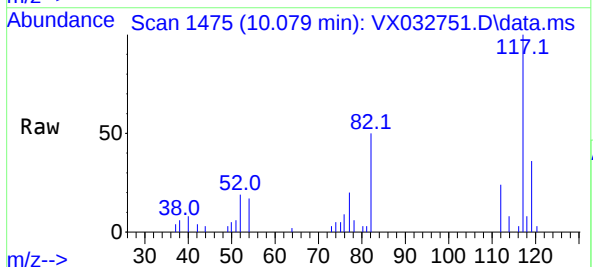
Instrument :
MSVOA_X
ClientSampleId :
IBLK

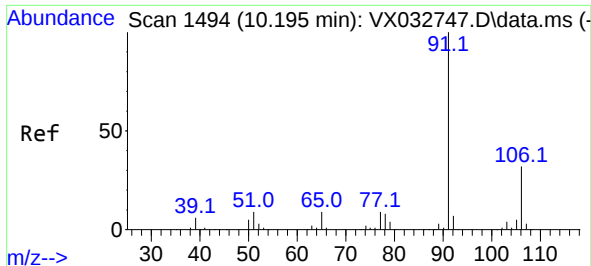
Tgt Ion: 98 Resp: 89485
Ion Ratio Lower Upper
98 100
100 63.9 53.8 80.8



#64
Chlorobenzene
Concen: 0.272 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 112 Resp: 958
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

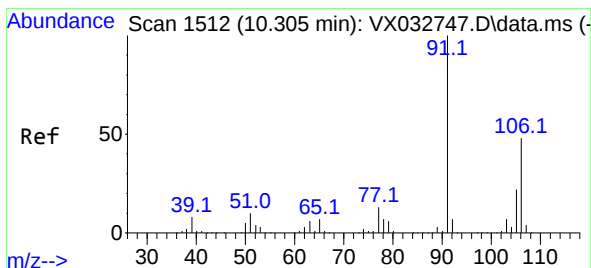
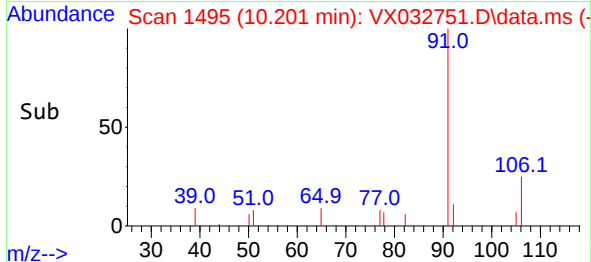
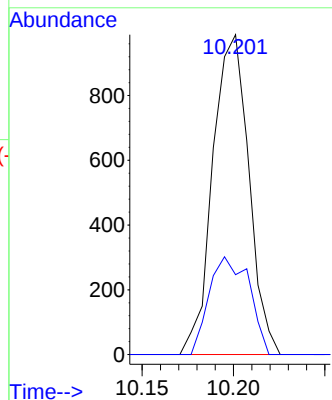
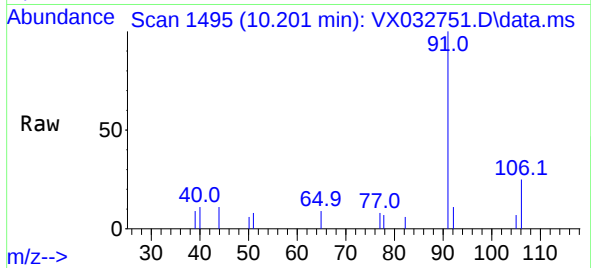




#66
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

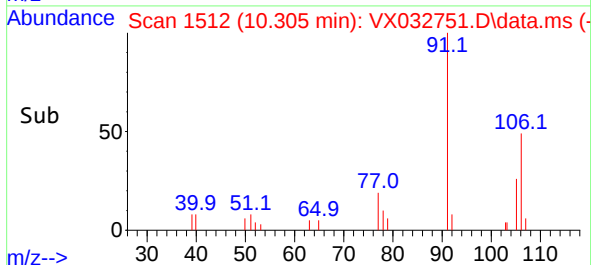
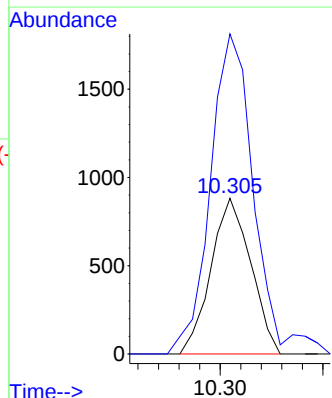
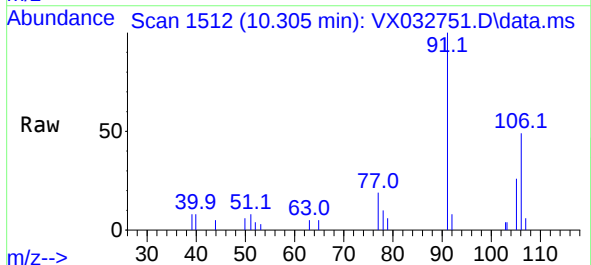
Instrument :
MSVOA_X
ClientSampleId :
IBLK

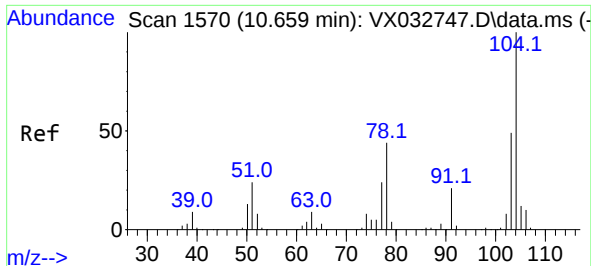
Tgt Ion: 91 Resp: 1359
Ion Ratio Lower Upper
91 100
106 25.0 26.7 40.1#



#67
m/p-Xylenes
Concen: 0.479 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 106 Resp: 1190
Ion Ratio Lower Upper
106 100
91 215.6 152.3 228.5

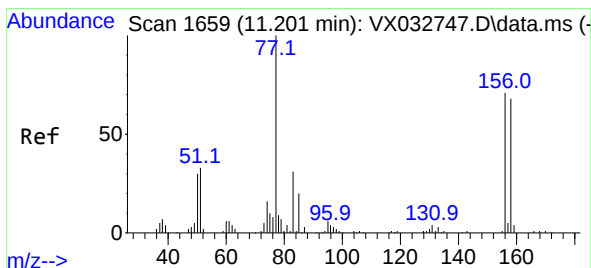
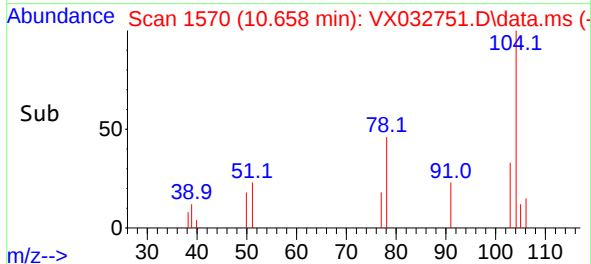
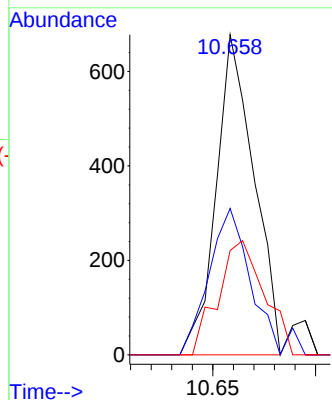
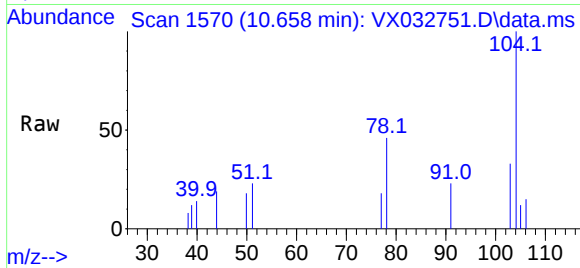




#69
Styrene
Concen: 0.214 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

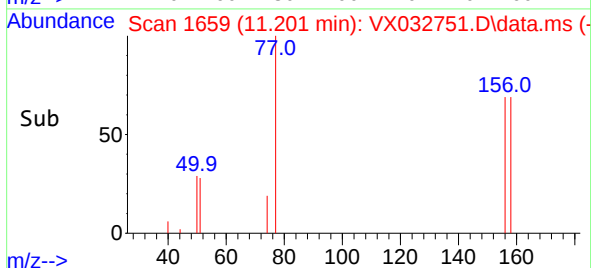
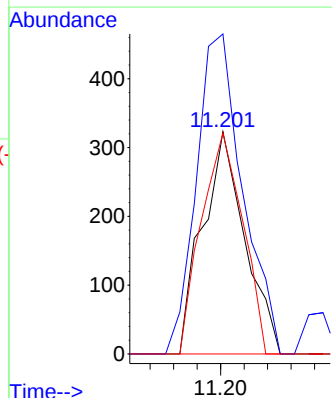
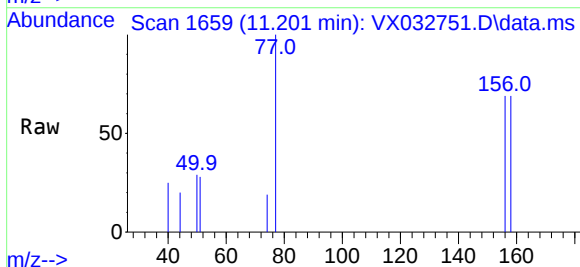
Instrument :
MSVOA_X
ClientSampleId :
IBLK

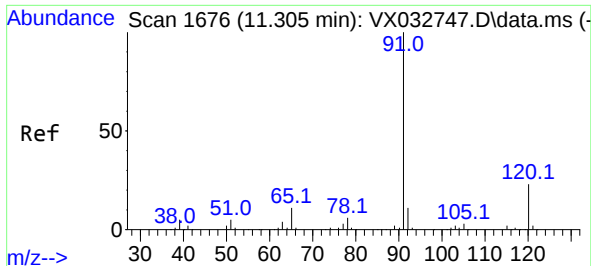
Tgt Ion:104	Resp:	865	
Ion	Ratio	Lower	Upper
104	100		
78	49.6	36.6	55.0
103	43.8	43.3	64.9



#73
Bromobenzene
Concen: 0.256 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion:156	Resp:	404	
Ion	Ratio	Lower	Upper
156	100		
77	157.9	0.0	259.2
158	97.3	0.0	193.2

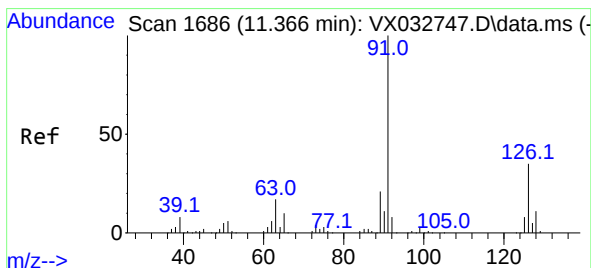
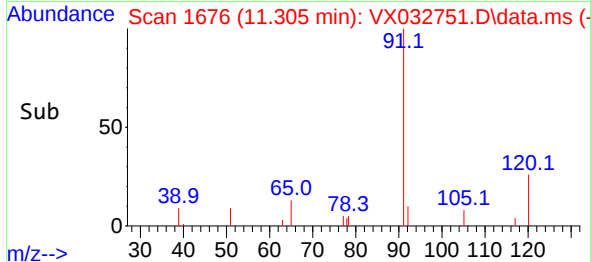
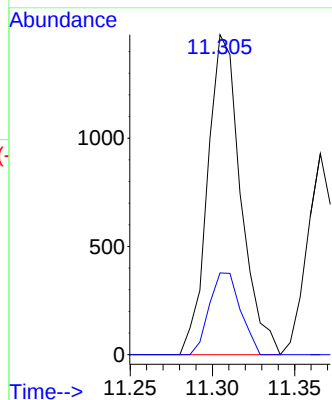
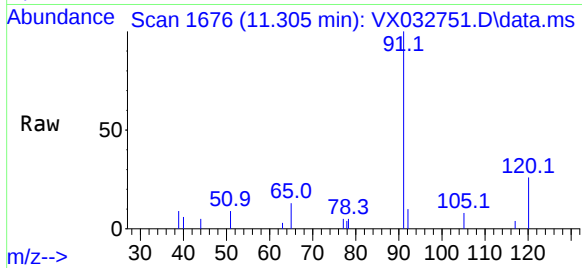




#74
n-propylbenzene
Concen: 0.280 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

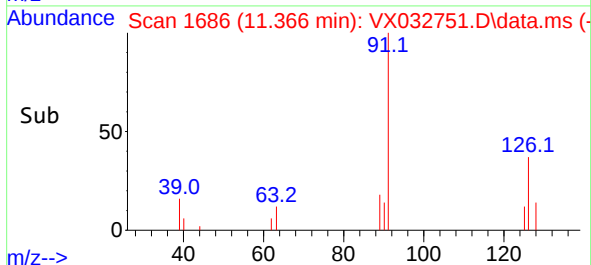
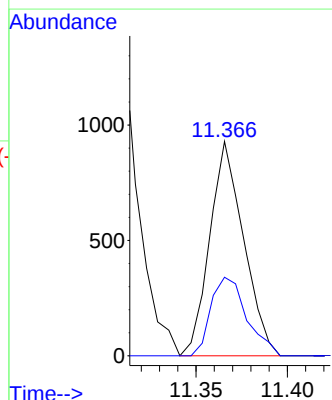
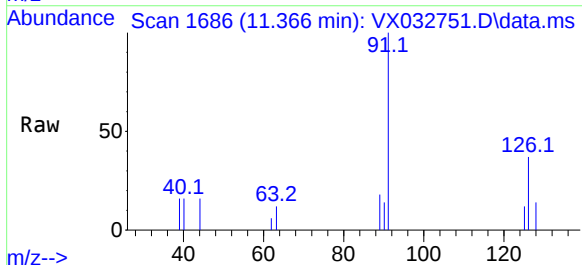
Instrument :
MSVOA_X
ClientSampleId :
IBLK

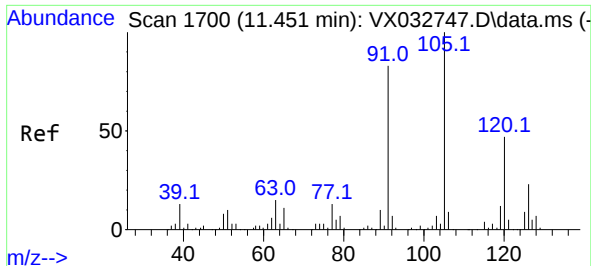
Tgt Ion: 91 Resp: 2072
Ion Ratio Lower Upper
91 100
120 24.0 0.0 51.0



#75
2-Chlorotoluene
Concen: 0.269 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 91 Resp: 1202
Ion Ratio Lower Upper
91 100
126 38.8 0.0 76.4

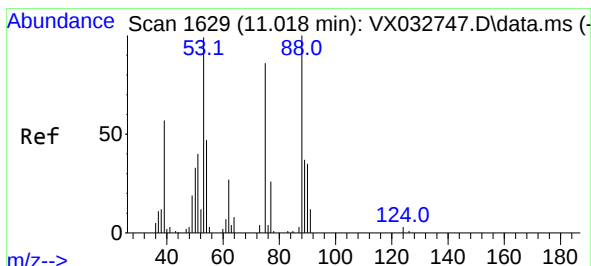
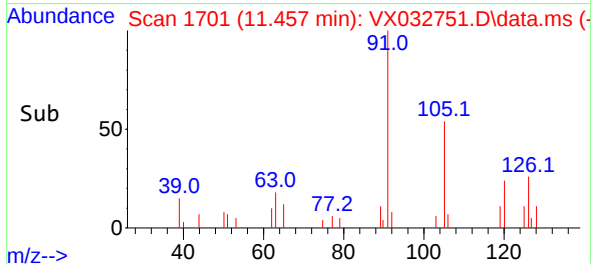
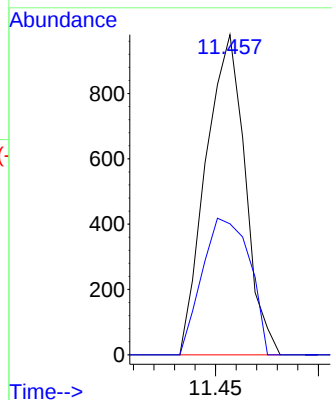
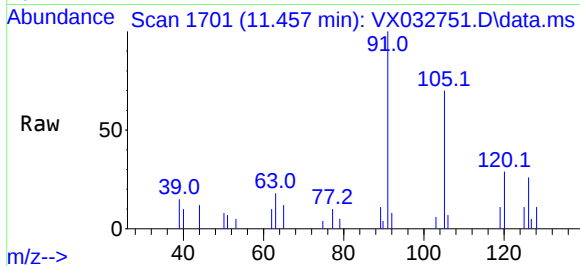




#76
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

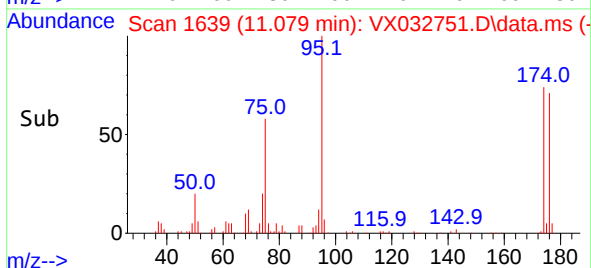
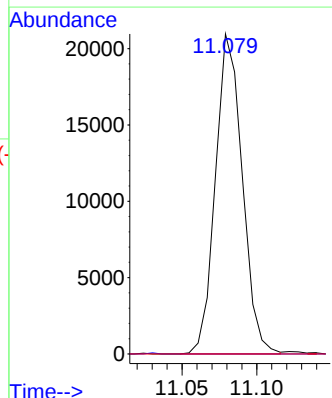
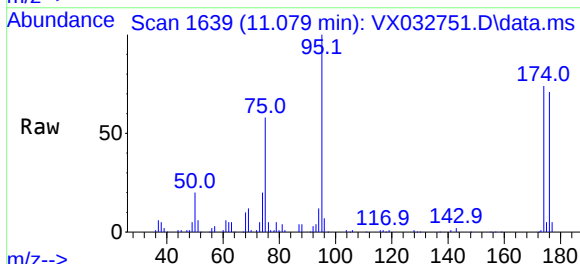
Instrument :
MSVOA_X
ClientSampleId :
IBLK

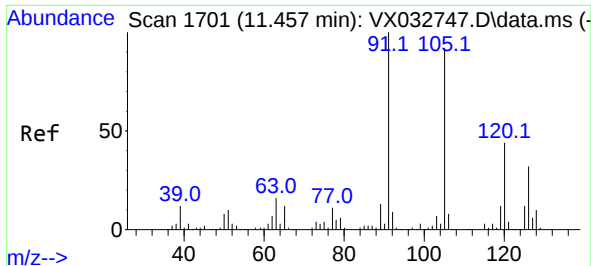
Tgt Ion:105 Resp: 1303
Ion Ratio Lower Upper
105 100
120 51.7 0.0 100.6



#77
t-1,4-Dichloro-2-butene
Concen: 50.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 75 Resp: 26154
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#

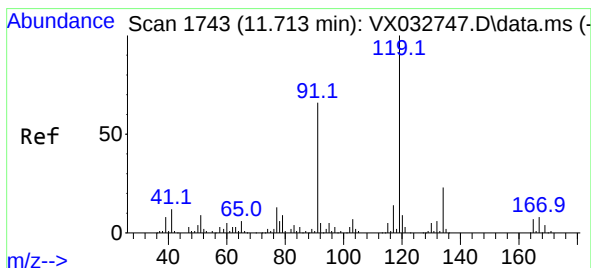
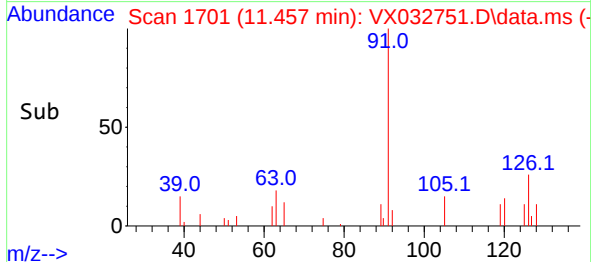
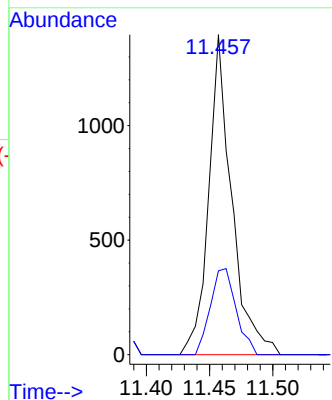
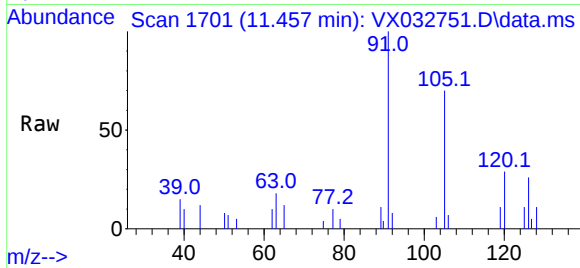




#78
4-Chlorotoluene
Concen: 0.344 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

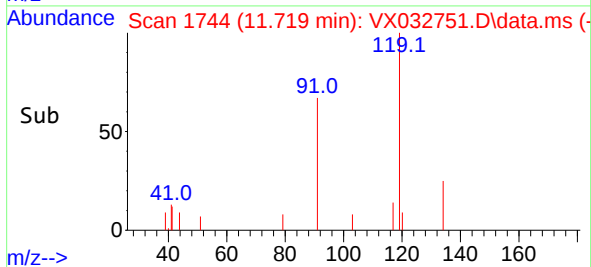
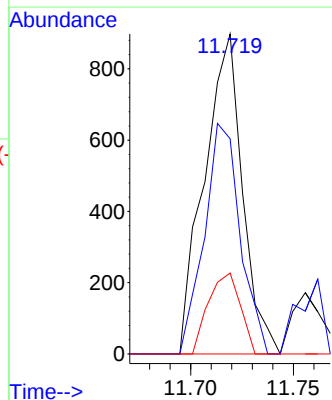
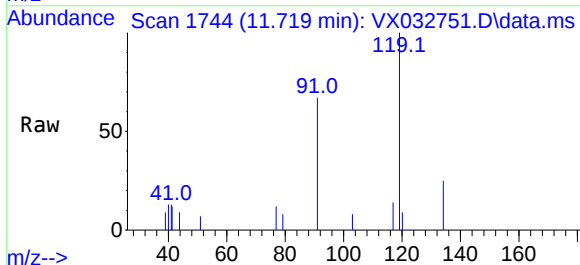
Instrument :
MSVOA_X
ClientSampleId :
IBLK

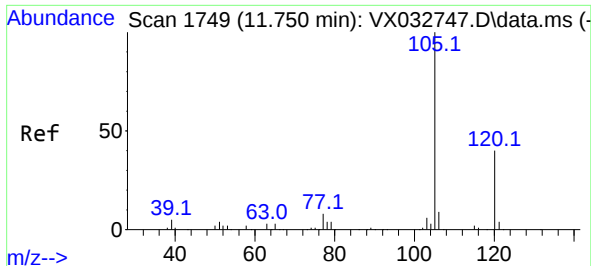
Tgt Ion: 91 Resp: 1773
Ion Ratio Lower Upper
91 100
126 29.9 0.0 67.0



#79
tert-butylbenzene
Concen: 0.216 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 119 Resp: 1156
Ion Ratio Lower Upper
119 100
91 67.7 0.0 112.0
134 21.2 0.0 51.0





#80

1,2,4-Trimethylbenzene

Concen: 0.278 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX032751.D

Acq: 11 Nov 2022 02:31

Instrument :

MSVOA_X

ClientSampleId :

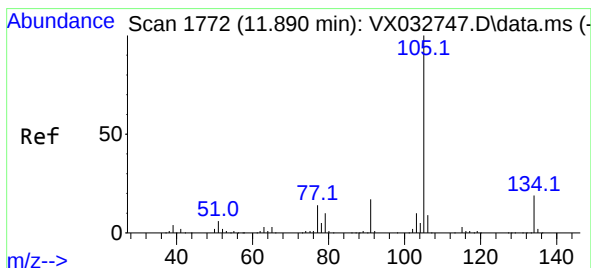
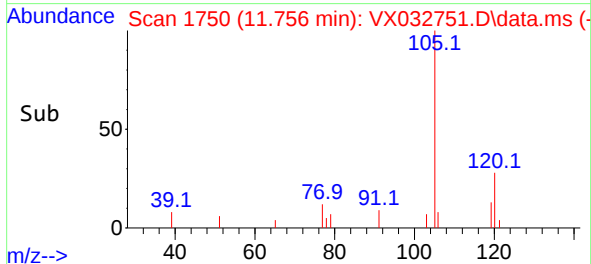
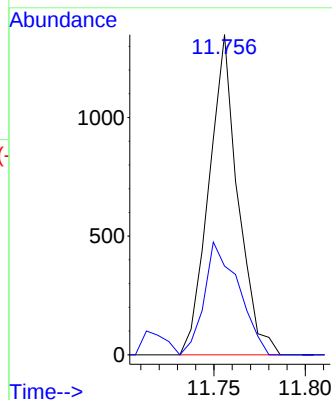
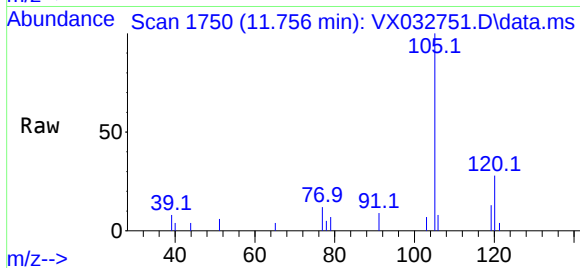
IBLK

Tgt Ion:105 Resp: 1493

Ion Ratio Lower Upper

105 100

120 41.5 0.0 95.0



#81

sec-Butylbenzene

Concen: 0.323 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032751.D

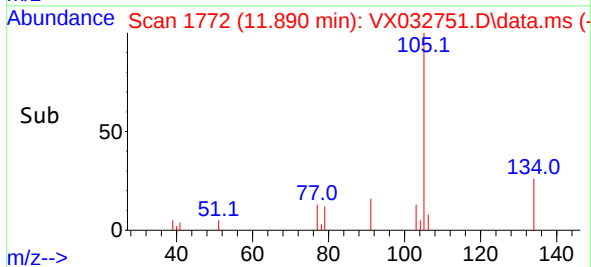
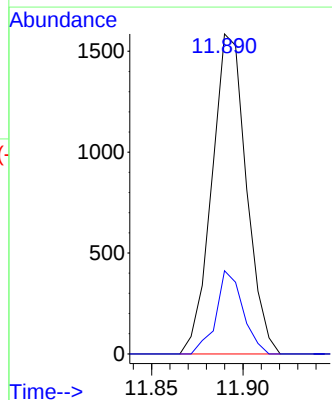
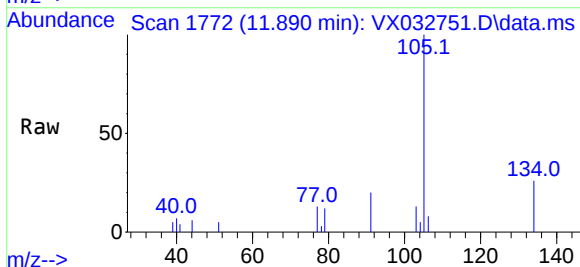
Acq: 11 Nov 2022 02:31

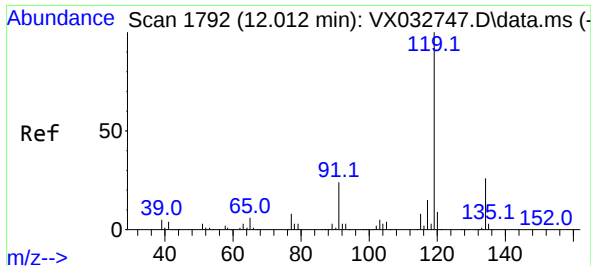
Tgt Ion:105 Resp: 2081

Ion Ratio Lower Upper

105 100

134 20.2 0.0 44.4





#82

p-Isopropyltoluene

Concen: 0.330 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX032751.D

Acq: 11 Nov 2022 02:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

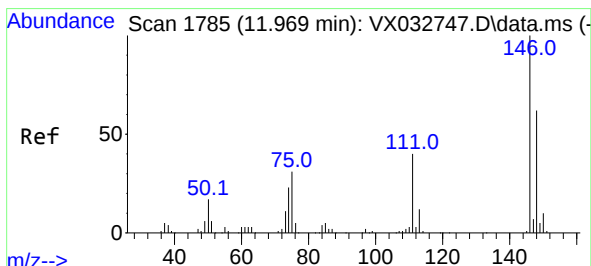
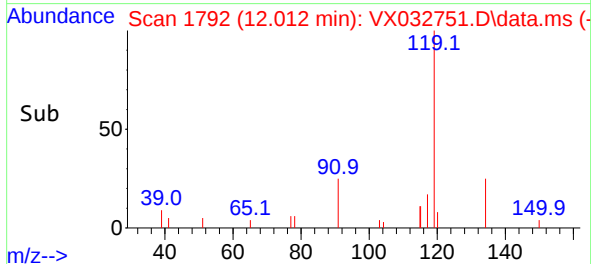
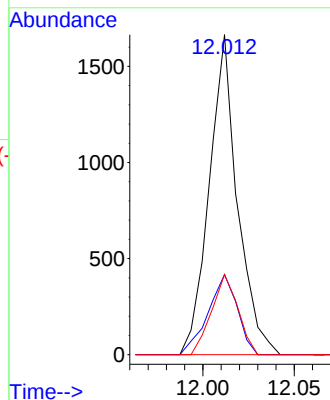
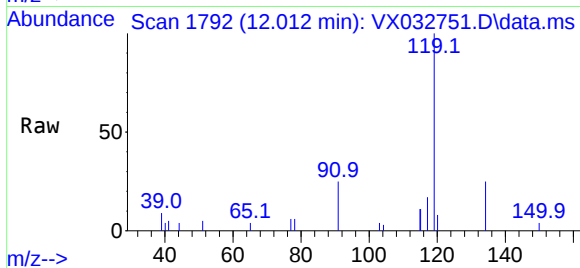
Tgt Ion:119 Resp: 1789

Ion Ratio Lower Upper

119 100

134 25.9 0.0 55.4

91 23.4 0.0 45.6



#83

1,3-Dichlorobenzene

Concen: 0.486 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX032751.D

Acq: 11 Nov 2022 02:31

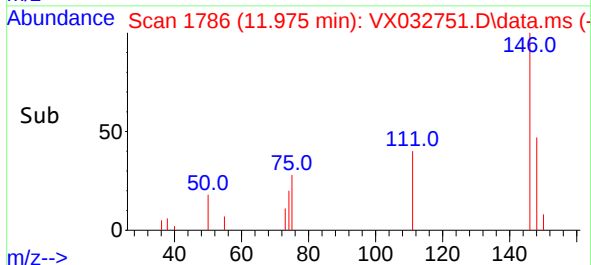
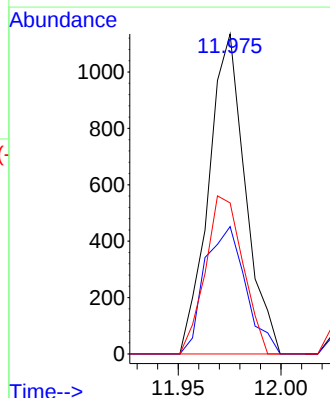
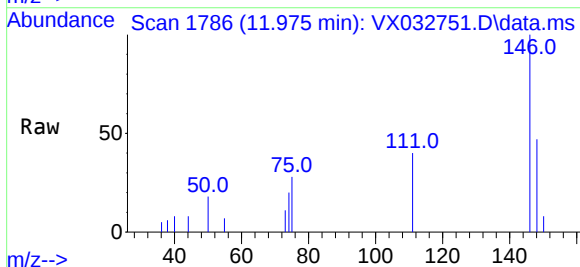
Tgt Ion:146 Resp: 1408

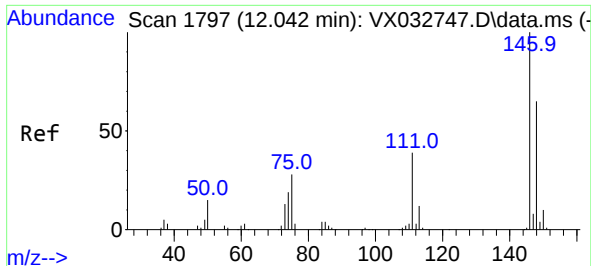
Ion Ratio Lower Upper

146 100

111 44.3 19.4 58.1

148 50.6 32.6 97.7

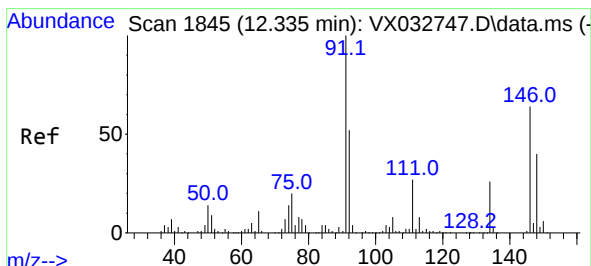
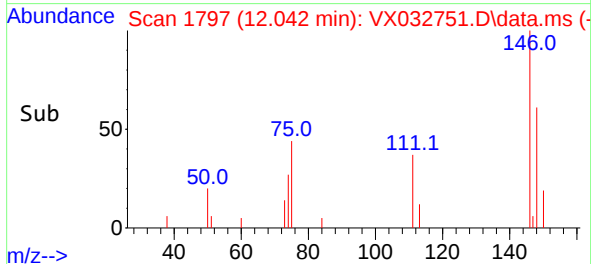
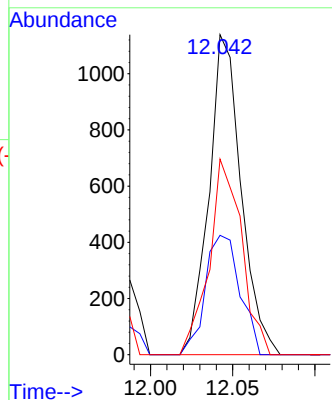
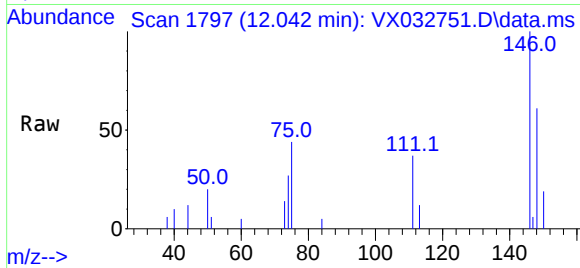




#84
1,4-Dichlorobenzene
Concen: 0.532 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

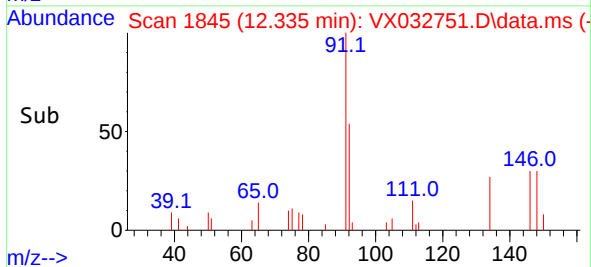
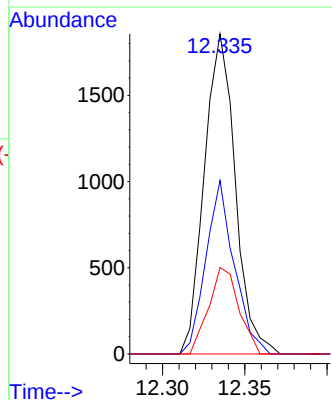
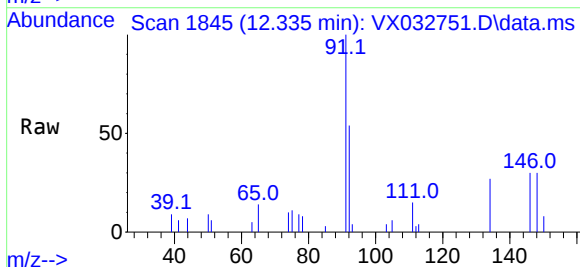
Instrument :
MSVOA_X
ClientSampleId :
IBLK

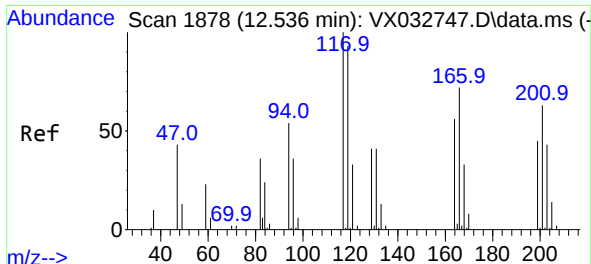
Tgt Ion:146 Resp: 1550
Ion Ratio Lower Upper
146 100
111 40.3 18.9 56.5
148 61.7 31.6 95.0



#85
n-Butylbenzene
Concen: 0.528 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion: 91 Resp: 2425
Ion Ratio Lower Upper
91 100
92 49.7 0.0 108.4
134 26.3 0.0 60.6

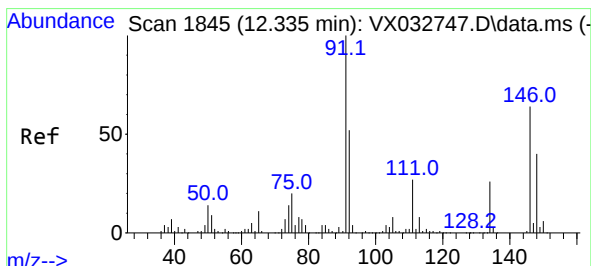
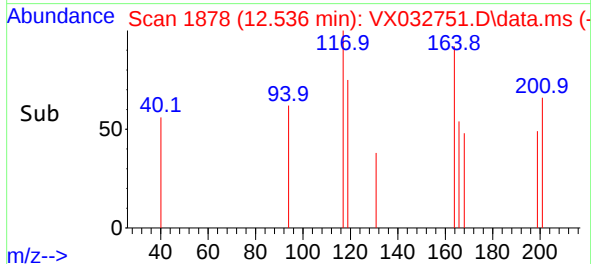
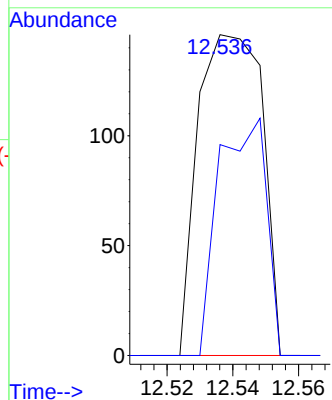
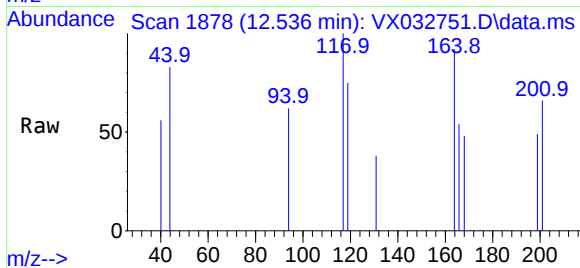




#86
Hexachloroethane
Concen: 0.222 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

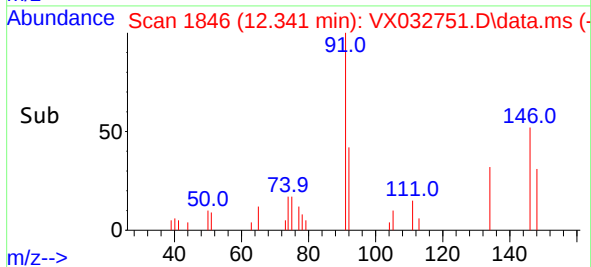
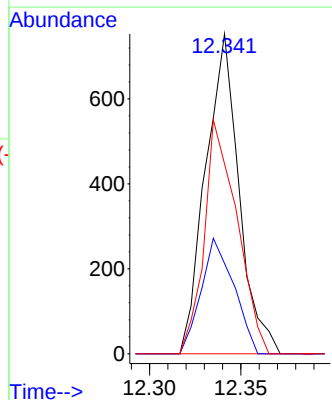
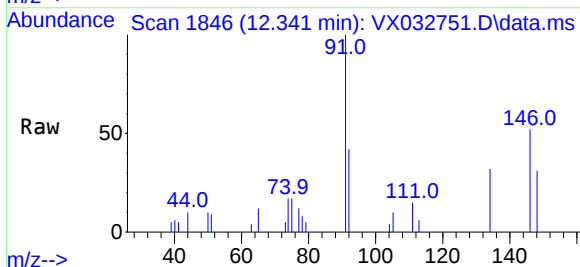
Instrument :
MSVOA_X
ClientSampleId :
IBLK

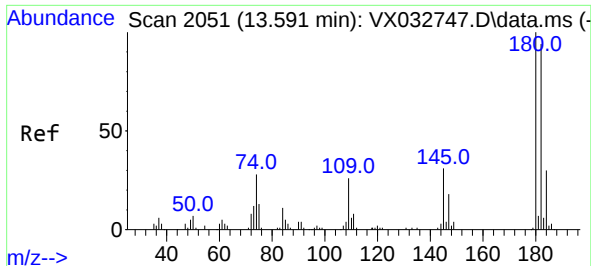
Tgt Ion:117 Resp: 198
Ion Ratio Lower Upper
117 100
201 55.1 37.7 113.1



#87
1,2-Dichlorobenzene
Concen: 0.332 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

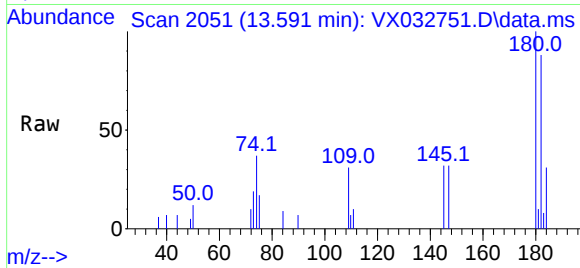
Tgt Ion:146 Resp: 958
Ion Ratio Lower Upper
146 100
111 35.3 20.0 60.0
148 71.5 33.0 99.0



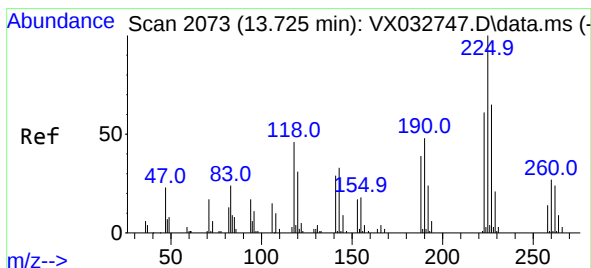
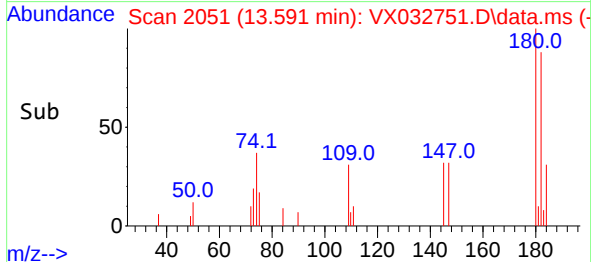
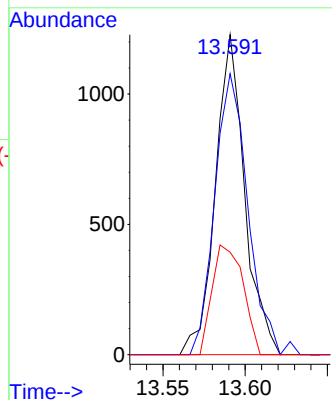


#89
1,2,4-Trichlorobenzene
Concen: 0.860 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

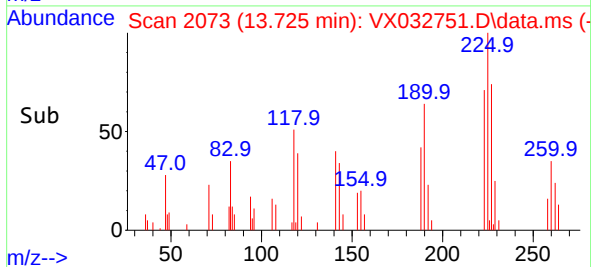
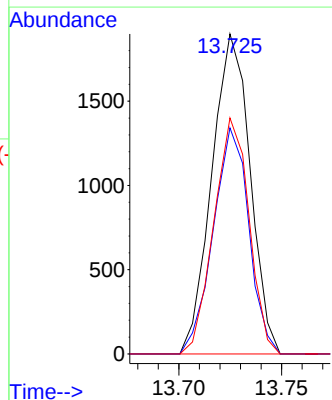
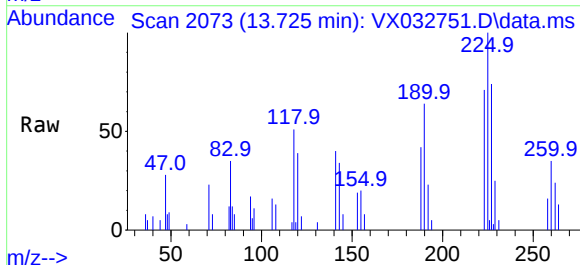


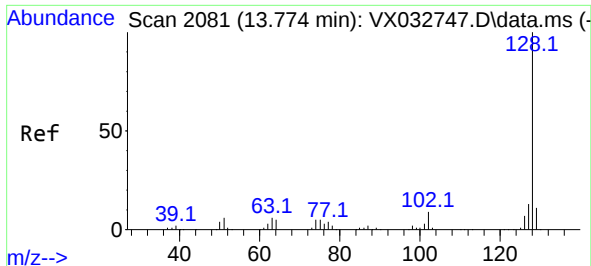
Tgt Ion:180 Resp: 1522
Ion Ratio Lower Upper
180 100
182 98.6 75.3 112.9
145 36.1 25.9 38.9



#90
Hexachlorobutadiene
Concen: 3.456 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion:225 Resp: 2462
Ion Ratio Lower Upper
225 100
223 65.7 0.0 126.0
227 67.7 0.0 127.6

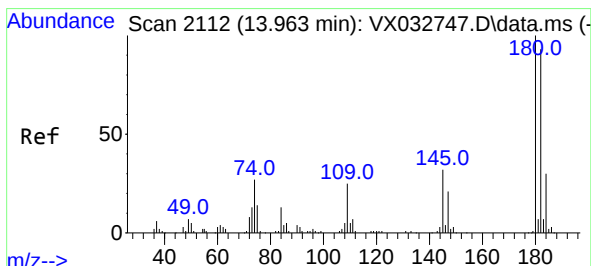
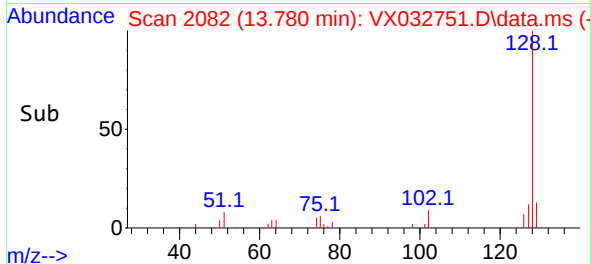
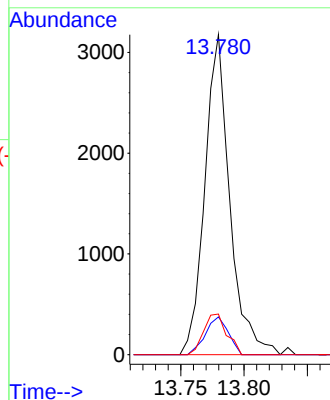
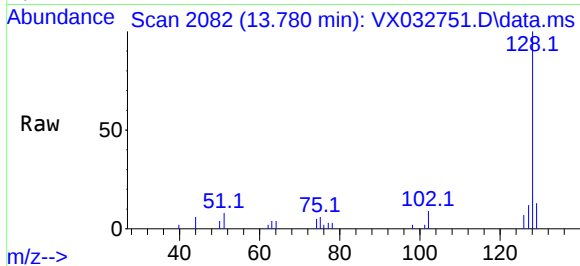




#91
Naphthalene
Concen: 0.729 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	4356
Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.9	14.9
129	11.8	8.4	12.6



#92
1,2,3-Trichlorobenzene
Concen: 1.017 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032751.D
Acq: 11 Nov 2022 02:31

Tgt Ion:	180	Resp:	1810
Ion	Ratio	Lower	Upper
180	100		
182	88.7	0.0	199.0
145	31.9	0.0	68.2

