

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : BLK.D
 Acq On : 03 Oct 2022 15:14
 Operator : KP/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:28:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

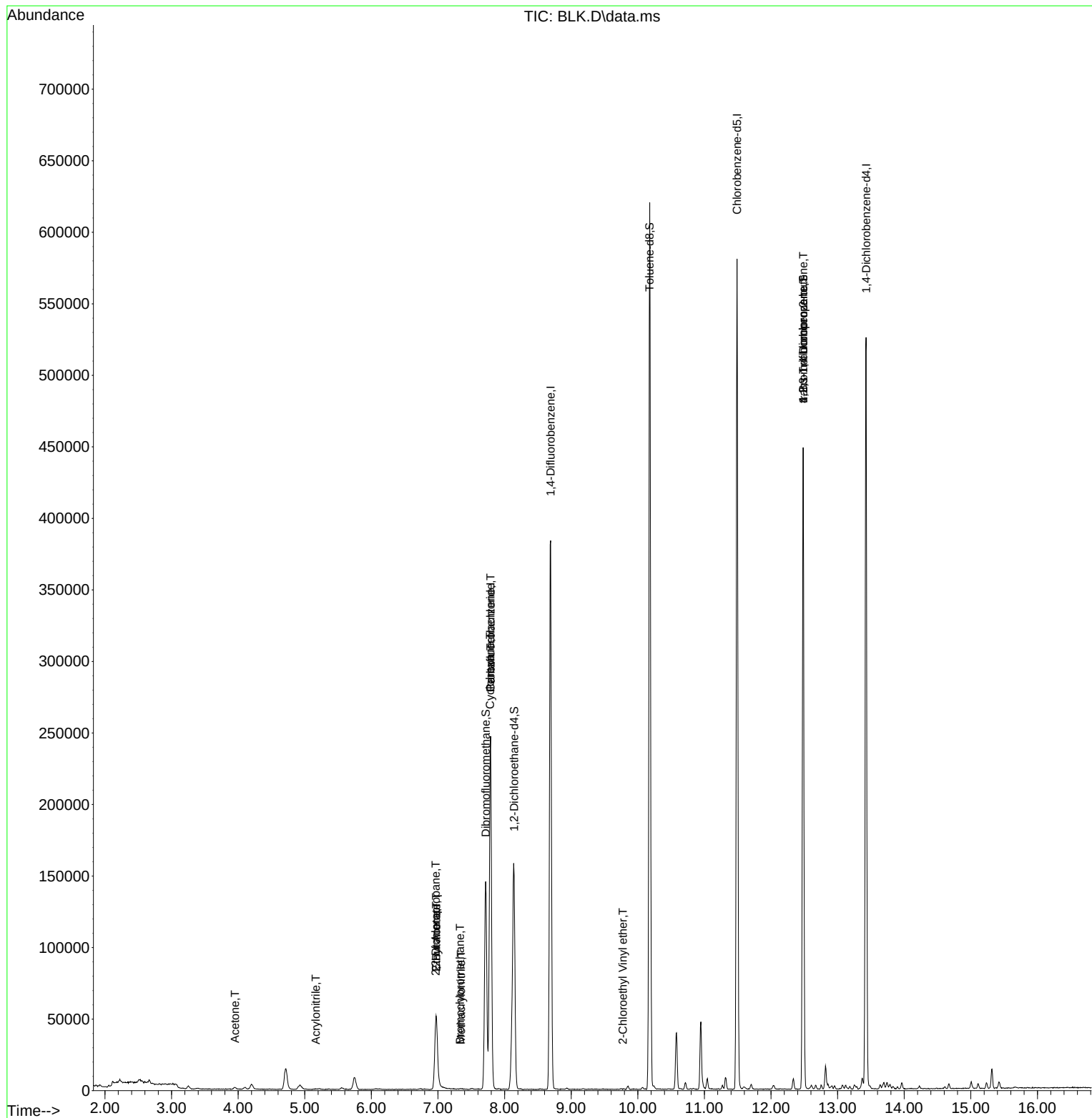
Internal Standards						
1) Pentafluorobenzene	7.789	168	193231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109317	55.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.620%			
35) Dibromofluoromethane	7.716	113	104431	46.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.780%			
50) Toluene-d8	10.179	98	402540	52.853	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.483	95	130721	43.450	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.900%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3735	Below Cal	#	77
13) Acrolein	3.747	56	43	Below Cal	#	14
15) Acrylonitrile	5.168	53	516	1.008	ug/l #	45
16) Acetone	3.954	43	2485	4.996	ug/l	97
20) Methylene Chloride	4.716	84	11202	Below Cal	#	81
25) 2-Butanone	6.972	43	3100	4.335	ug/l	96
26) 2,2-Dichloropropane	6.966	77	4097	1.182	ug/l #	55
28) Bromochloromethane	7.332	49	44	4.741	ug/l #	79
31) Cyclohexane	7.783	56	4102	1.170	ug/l #	1
37) Ethyl Acetate	6.972	43	3100	1.965	ug/l #	1
38) Carbon Tetrachloride	7.789	117	18811	5.618	ug/l #	14
41) Methacrylonitrile	7.344	41	311	2.900	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.776	63	170	25.925	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	67267	48.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67267	100.606	ug/l #	7

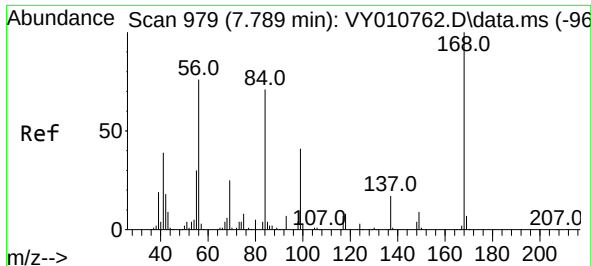
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

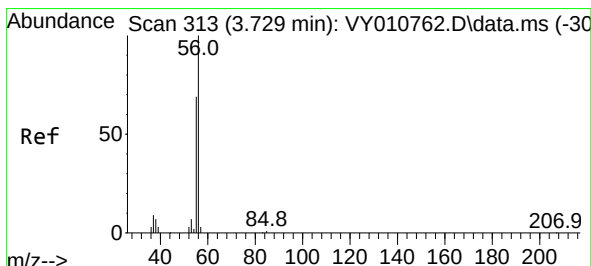
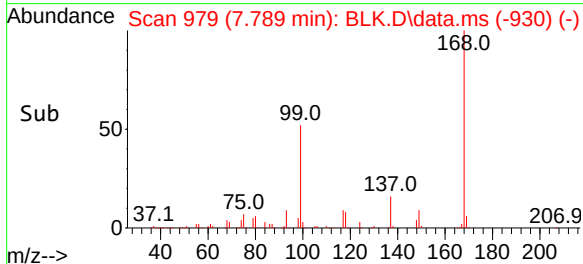
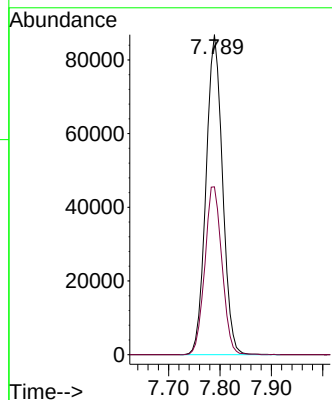
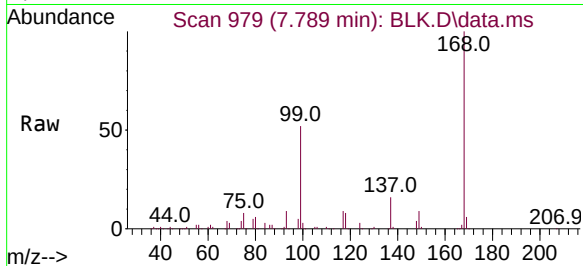




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

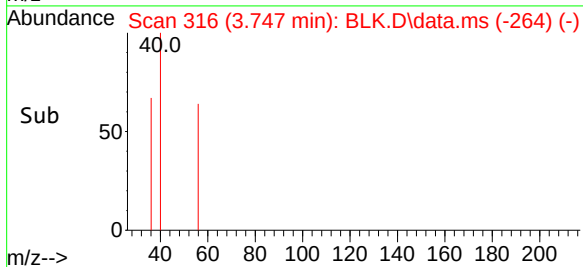
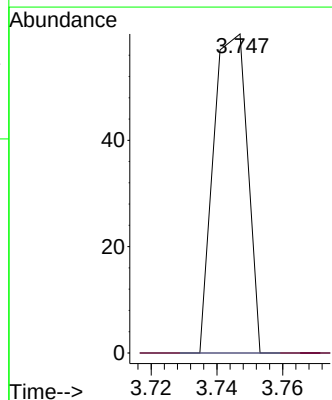
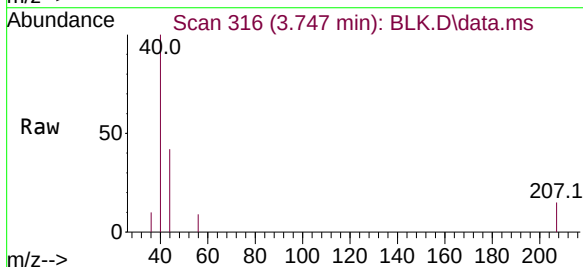
Instrument :
MSVOA_X
ClientSampleId :

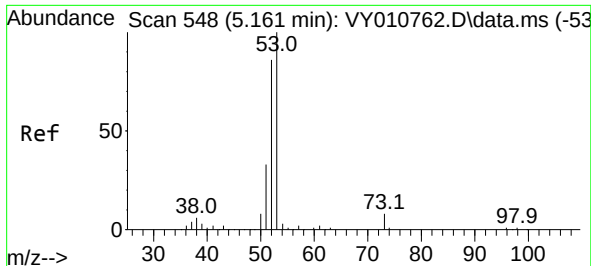
Tgt Ion:168 Resp: 193231
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.018 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#





#15

Acrylonitrile

Concen: 1.008 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.007 min

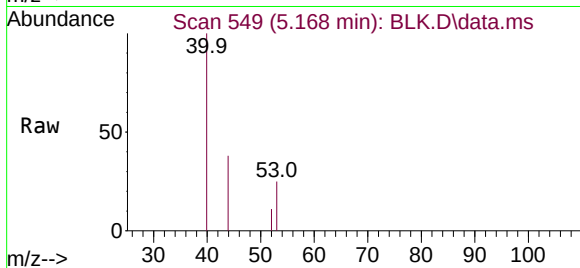
Lab File: BLK.D

Acq: 03 Oct 2022 15:14

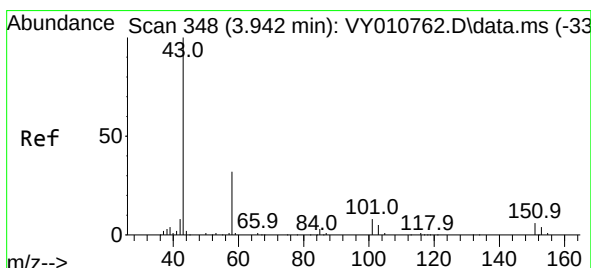
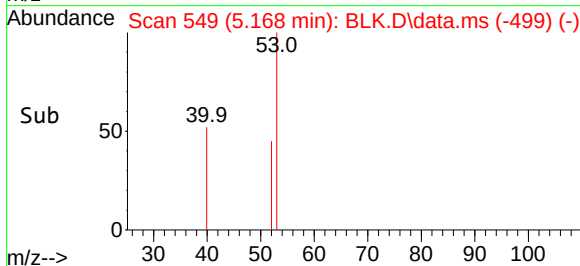
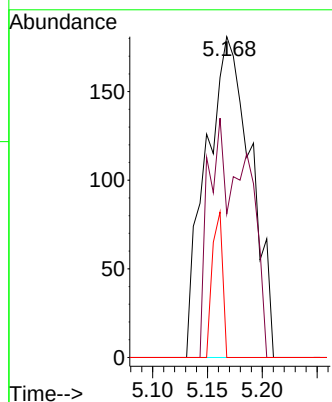
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	53	Resp:	516
Ion Ratio	Lower	Upper	
53	100		
52	29.8	67.0	100.4#
51	10.5	29.8	44.6#



#16

Acetone

Concen: 4.996 ug/l

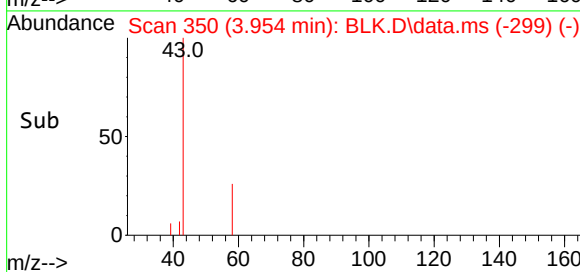
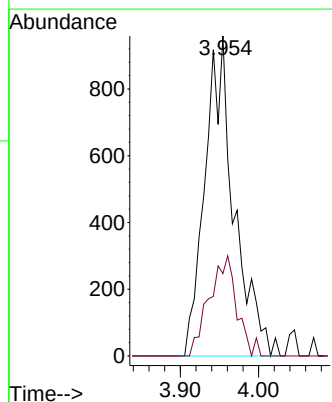
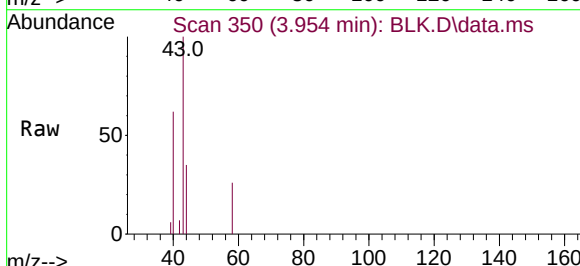
RT: 3.954 min Scan# 350

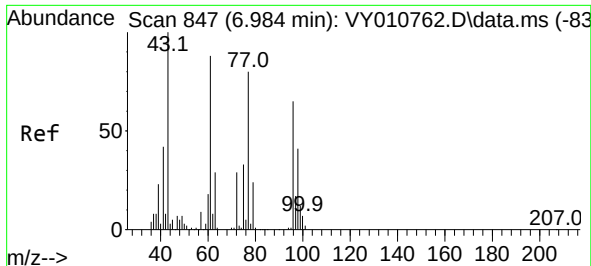
Delta R.T. 0.012 min

Lab File: BLK.D

Acq: 03 Oct 2022 15:14

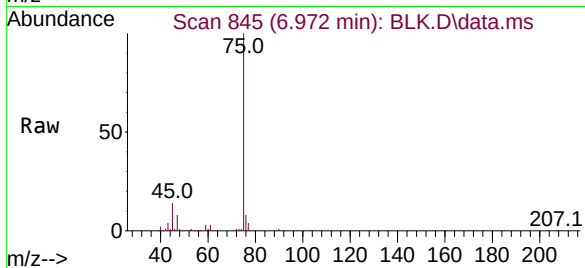
Tgt Ion:	43	Resp:	2485
Ion Ratio	Lower	Upper	
43	100		
58	25.8	22.0	33.0



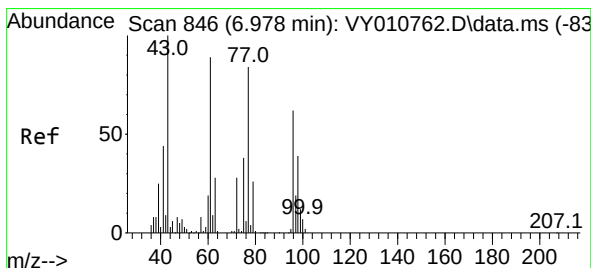
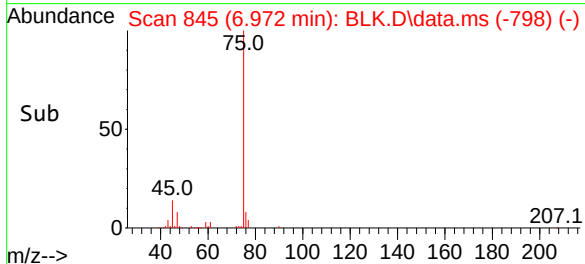
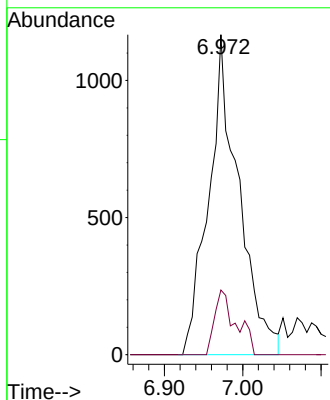


#25
2-Butanone
Concen: 4.335 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

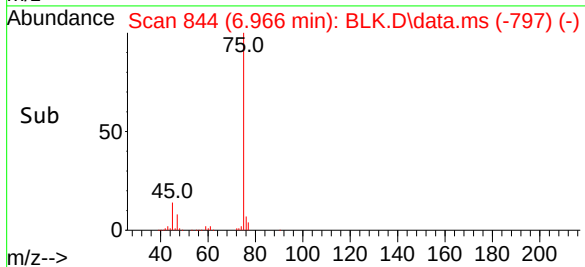
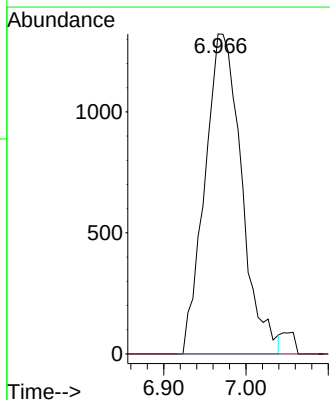
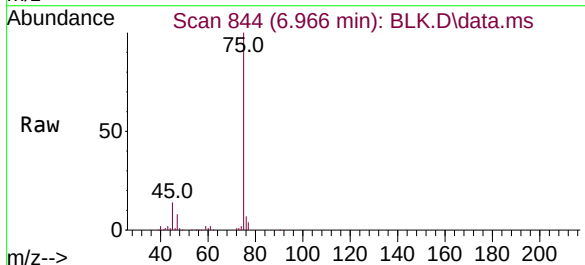


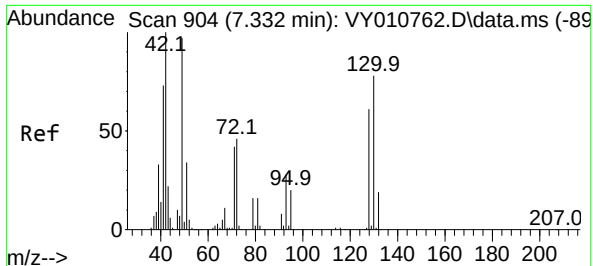
Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.182 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

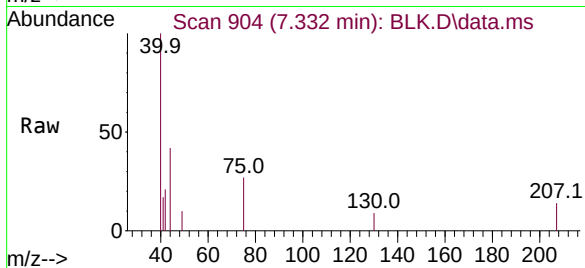
Tgt Ion: 77 Resp: 4097
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



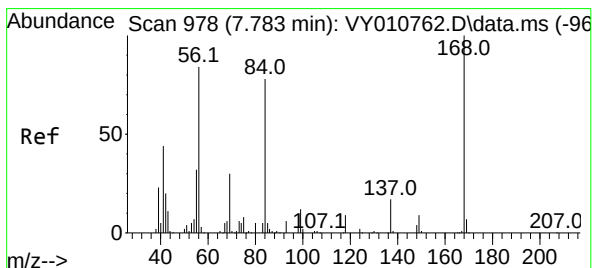
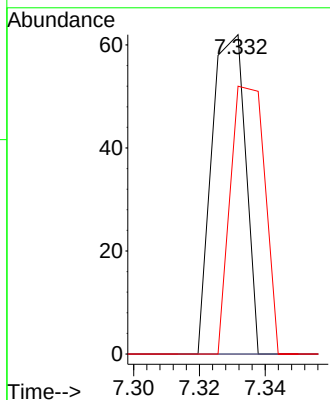
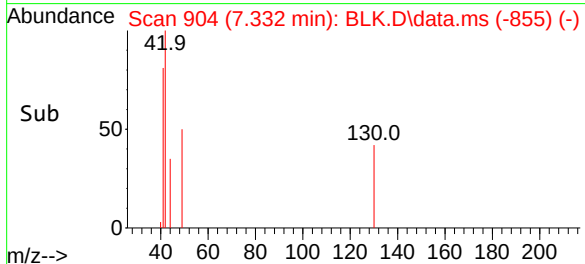


#28
Bromochloromethane
Concen: 4.741 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

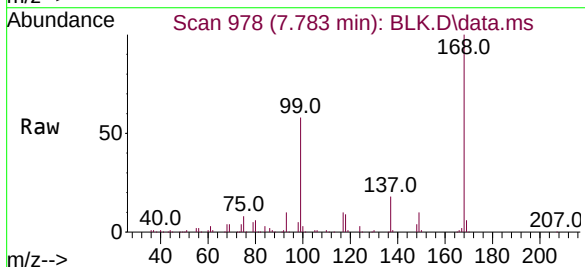
Instrument :
MSVOA_X
ClientSampleId :



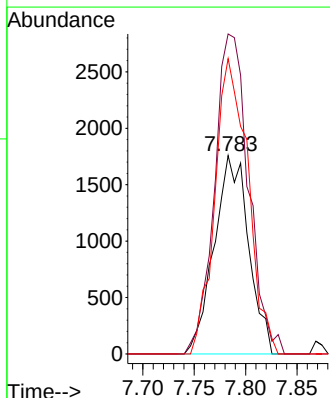
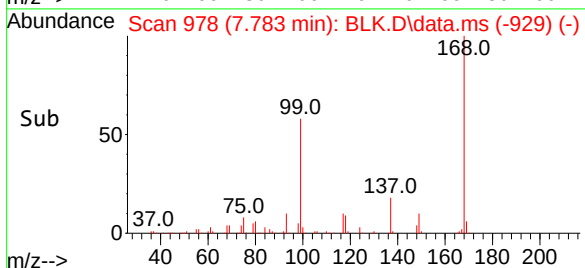
Tgt Ion: 49 Resp: 44
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 86.4 55.4 83.0#

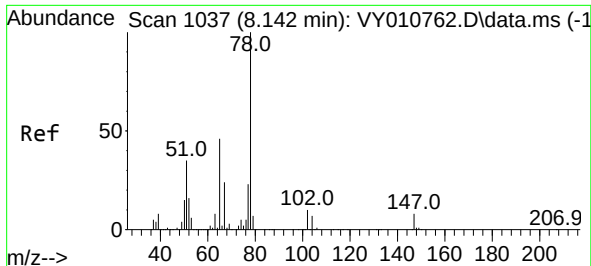


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14



Tgt Ion: 56 Resp: 4102
Ion Ratio Lower Upper
56 100
69 161.3 26.7 40.1#
84 148.9 67.2 100.8#

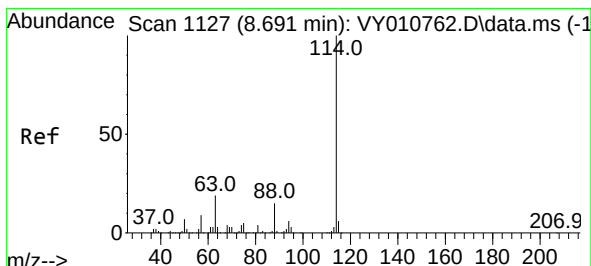
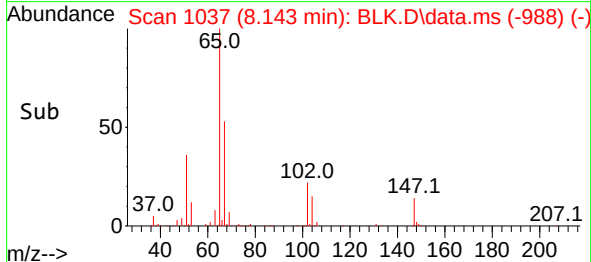
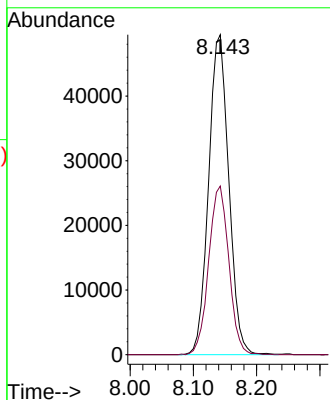
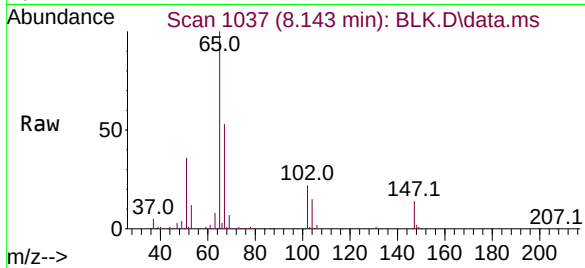




#33
 1,2-Dichloroethane-d4
 Concen: 55.813 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: BLK.D
 Acq: 03 Oct 2022 15:14

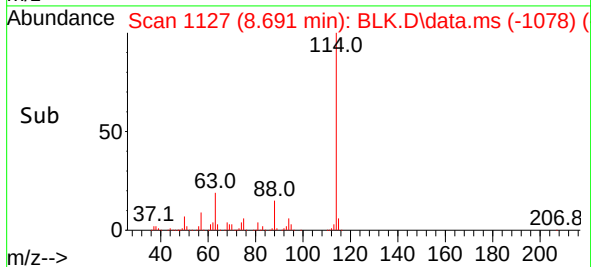
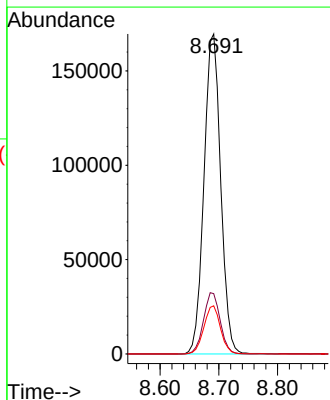
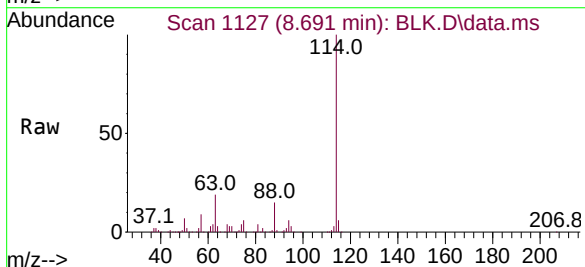
Instrument :
 MSVOA_X
 ClientSampleId :

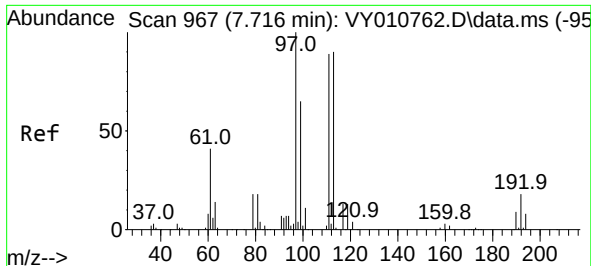
Tgt Ion: 65 Resp: 109317
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BLK.D
 Acq: 03 Oct 2022 15:14

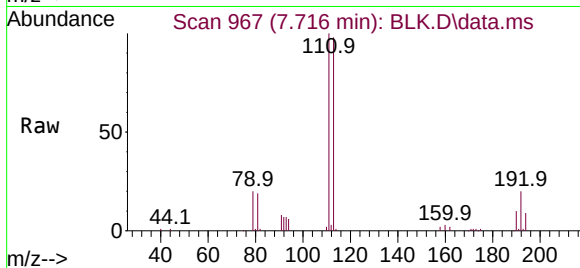
Tgt Ion: 114 Resp: 335497
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.2
 88 15.1 0.0 31.8



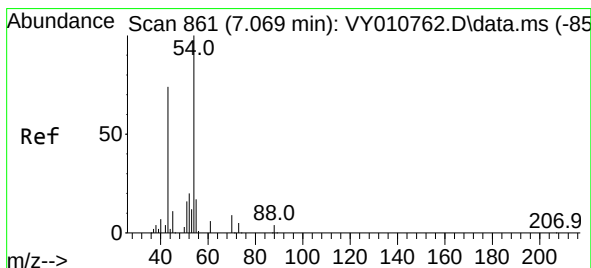
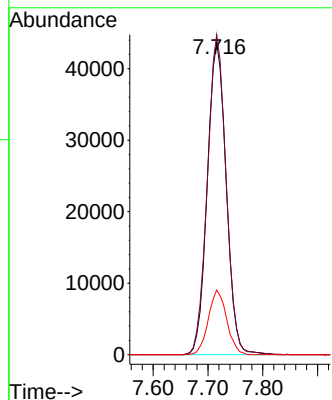
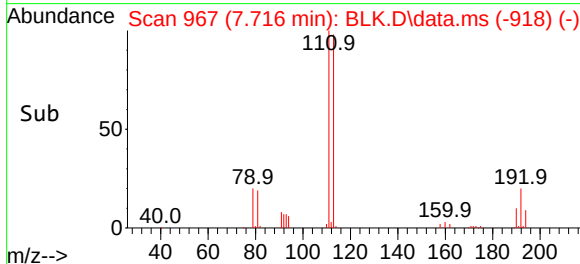


#35
Dibromofluoromethane
Concen: 46.892 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

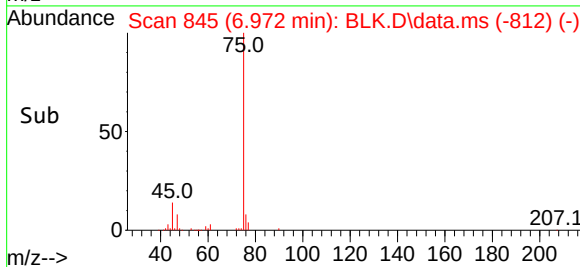
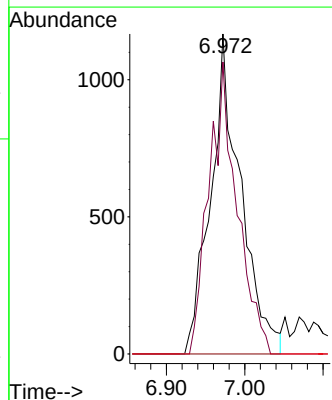
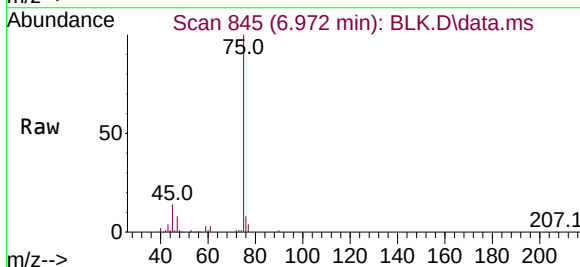


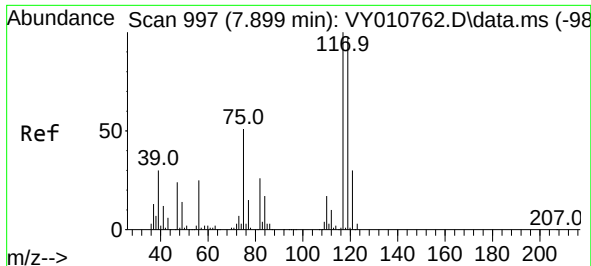
Tgt Ion:113 Resp: 104431
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.1 17.6 26.4



#37
Ethyl Acetate
Concen: 1.965 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.097 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

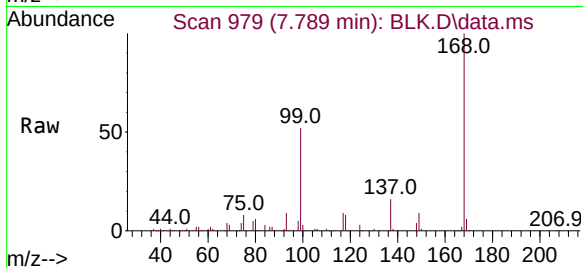
Tgt Ion: 43 Resp: 3100
Ion Ratio Lower Upper
43 100
61 85.7 9.7 14.5#
70 0.0 7.1 10.7#



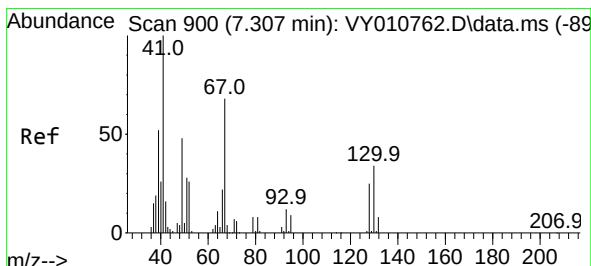
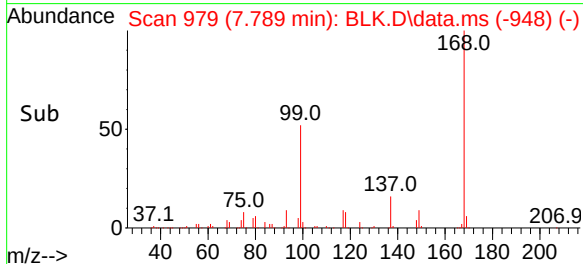
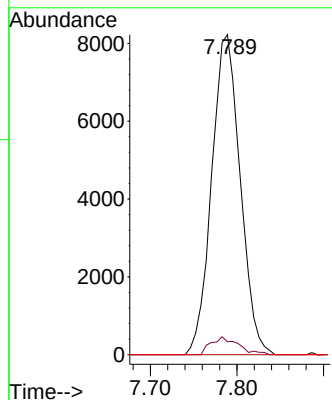


#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

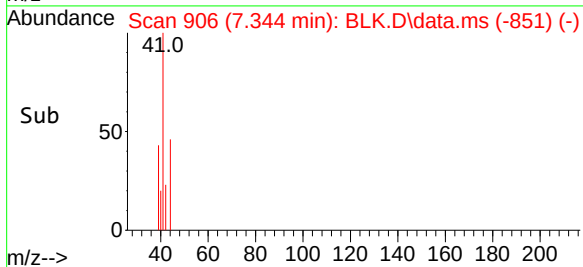
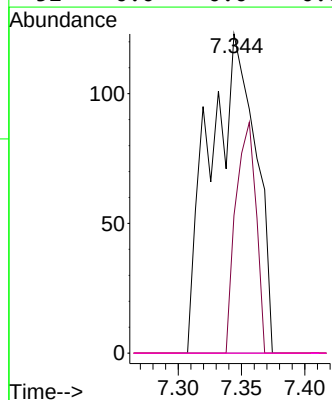
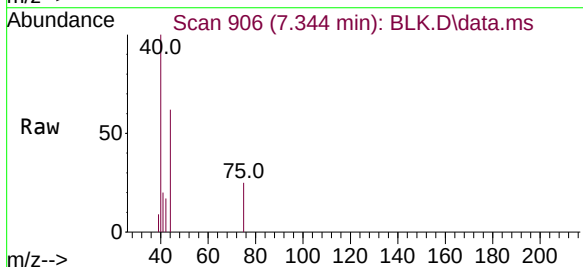


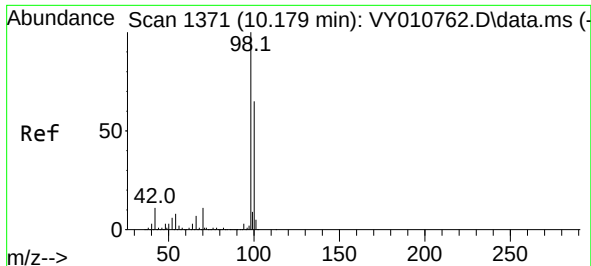
Tgt Ion:117 Resp: 18811
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.900 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Tgt Ion: 41 Resp: 311
Ion Ratio Lower Upper
41 100
39 31.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

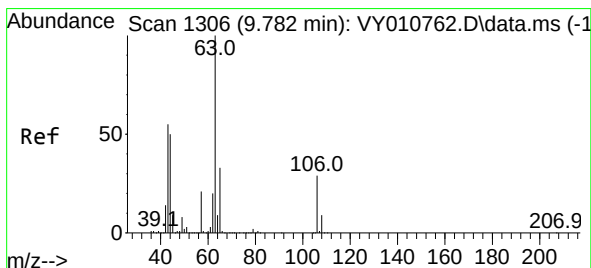
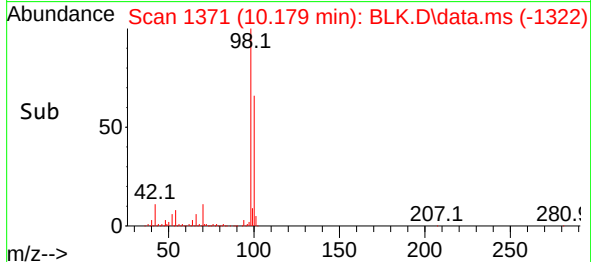
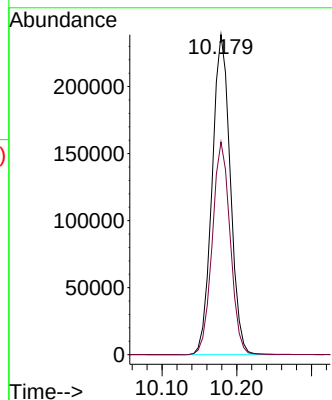
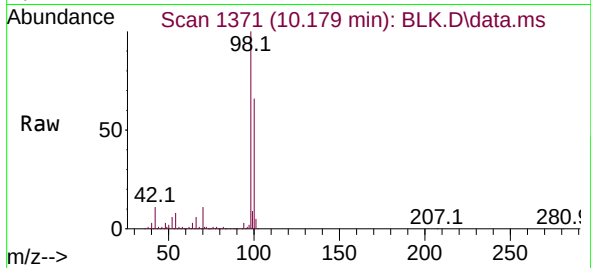




#50
Toluene-d8
Concen: 52.853 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

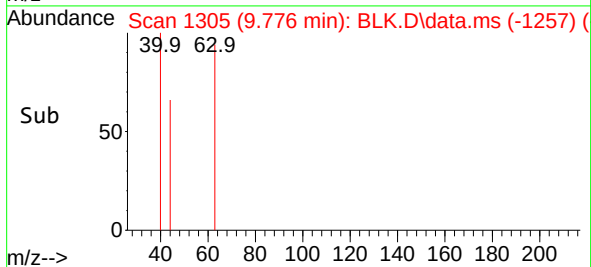
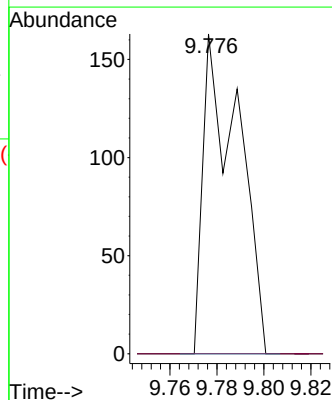
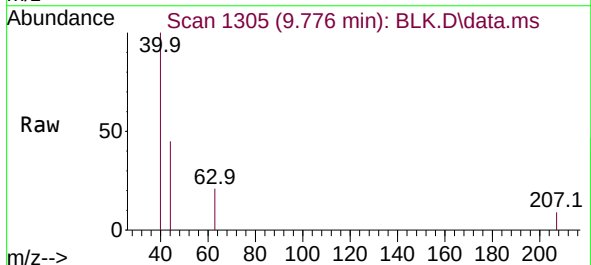
Instrument :
MSVOA_X
ClientSampleId :

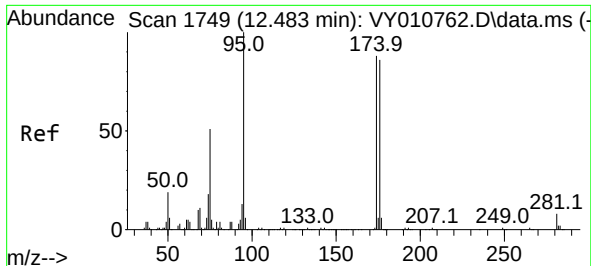
Tgt Ion: 98 Resp: 402540
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 25.925 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Tgt Ion: 63 Resp: 170
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3

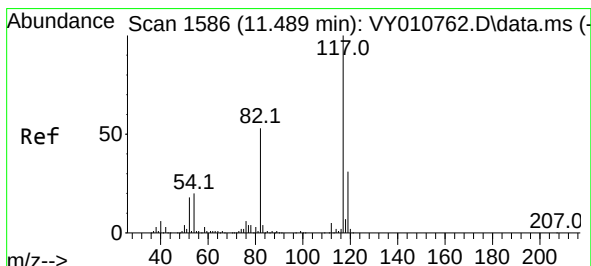
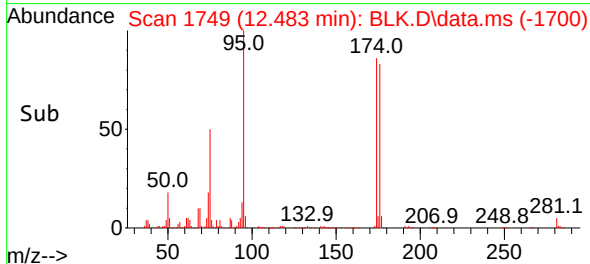
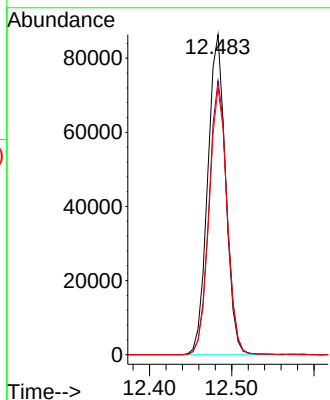
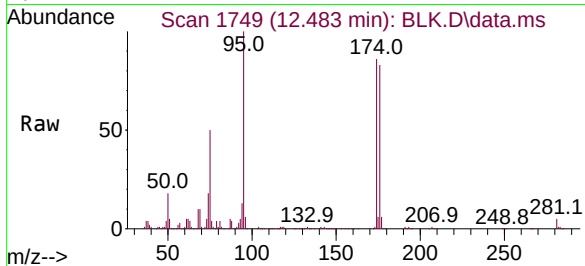




#62
4-Bromofluorobenzene
Concen: 43.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

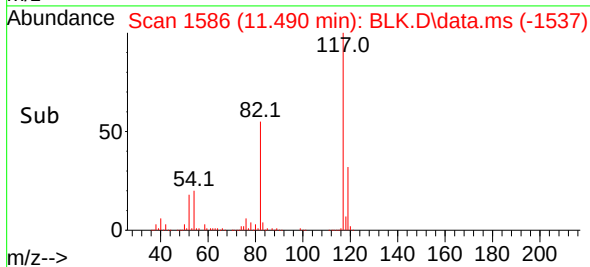
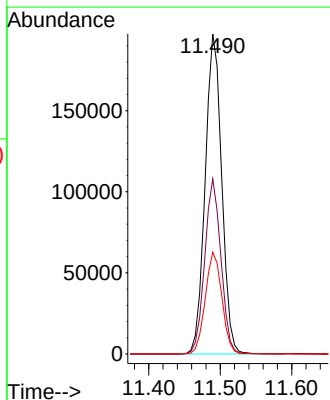
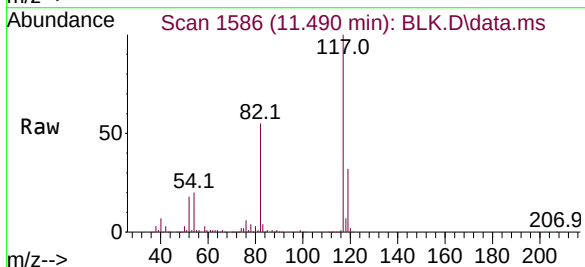
Instrument :
MSVOA_X
ClientSampleId :

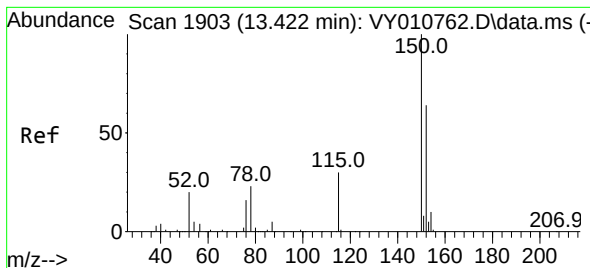
Tgt Ion: 95 Resp: 130721
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: BLK.D
Acq: 03 Oct 2022 15:14

Tgt Ion: 117 Resp: 317108
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BLK.D

Acq: 03 Oct 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

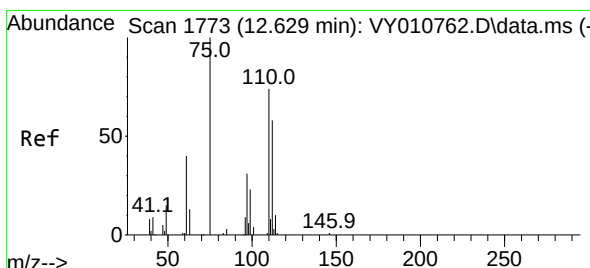
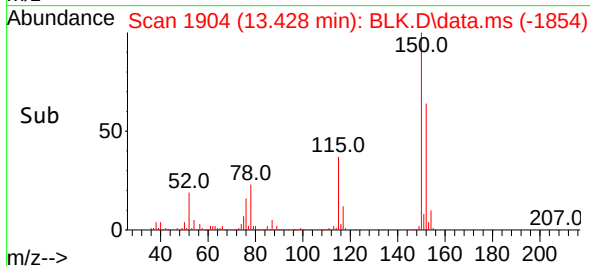
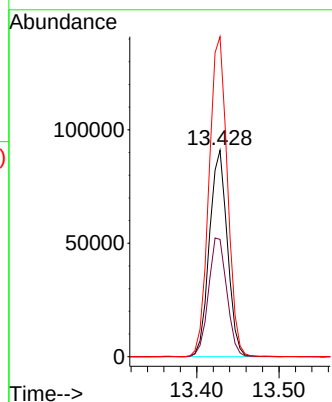
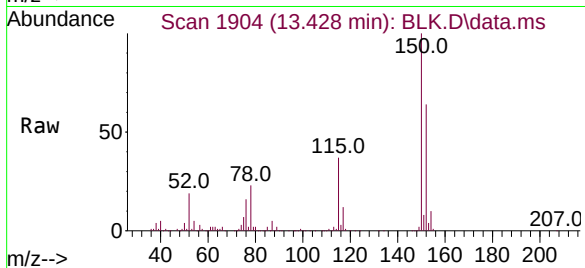
Tgt Ion:152 Resp: 137918

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 158.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.162 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: BLK.D

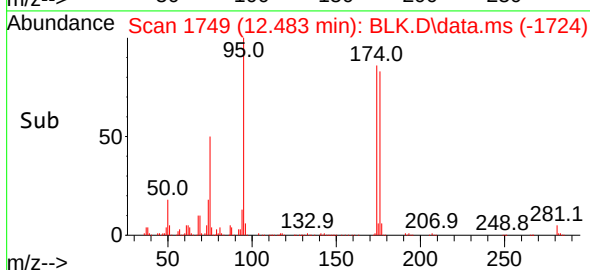
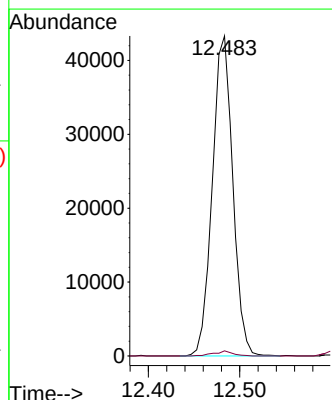
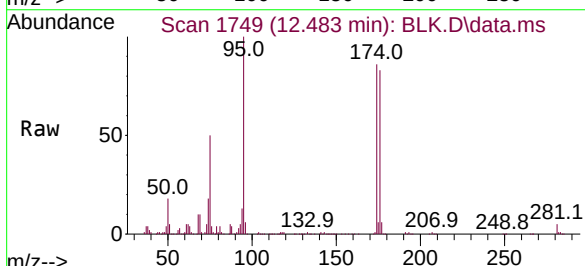
Acq: 03 Oct 2022 15:14

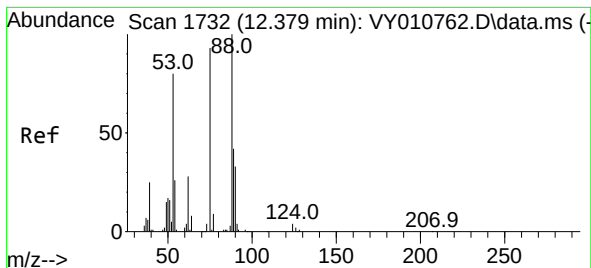
Tgt Ion: 75 Resp: 67267

Ion Ratio Lower Upper

75 100

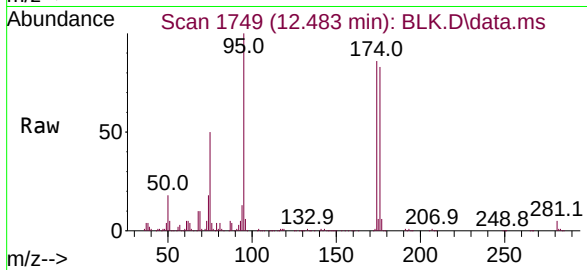
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.606 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: BLK.D
 Acq: 03 Oct 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 67267
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

