

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : BLK08.D
 Acq On : 15 Aug 2024 08:33
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 15 09:00:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

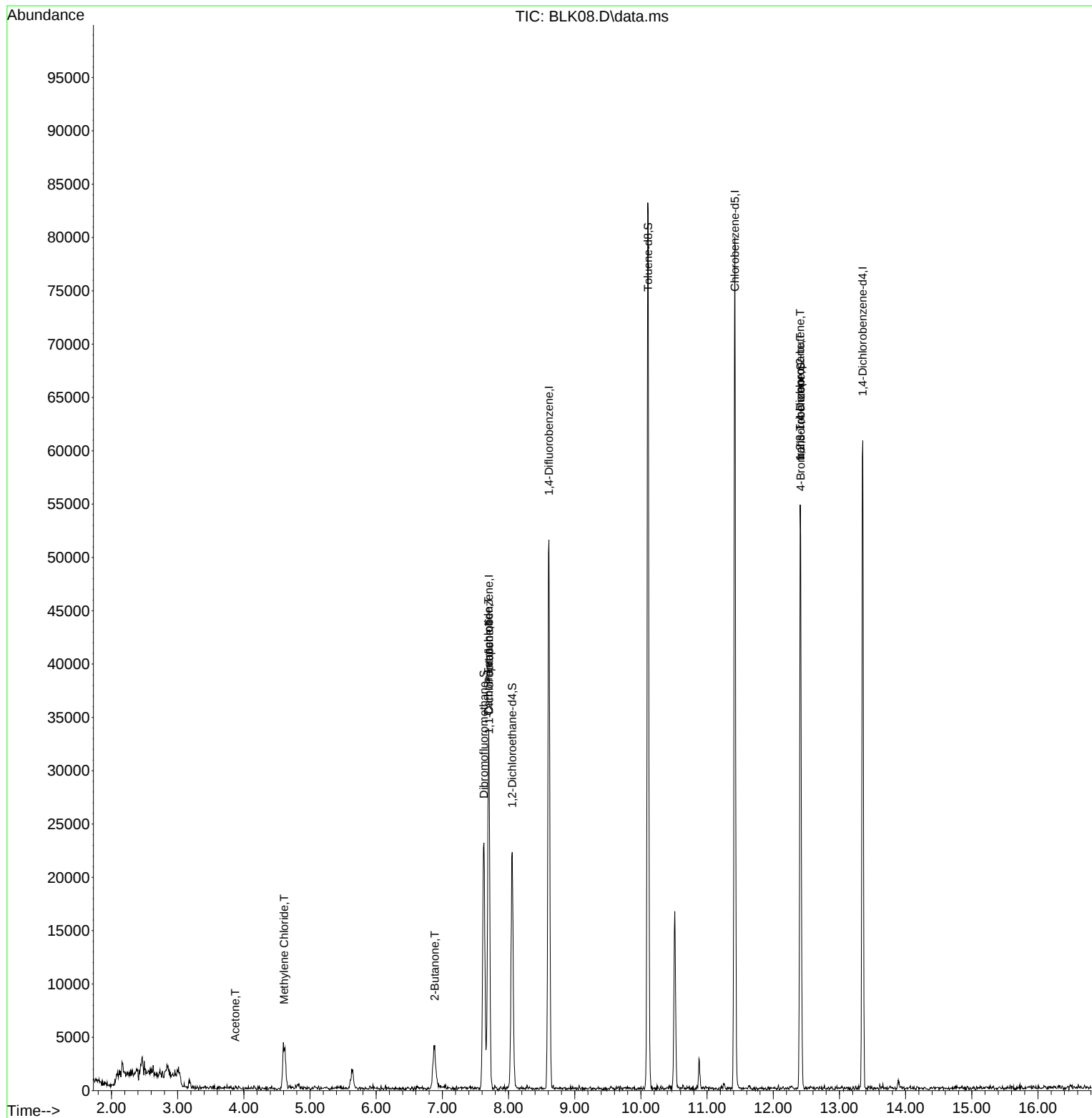
Internal Standards						
1) Pentafluorobenzene	7.701	168	26205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	44940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	39126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	14632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	13677	59.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.900%	
35) Dibromofluoromethane	7.628	113	14696	51.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.109	98	51400	46.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.414	95	12680	38.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	49	Below Cal	#	43
11) Tert butyl alcohol	4.824	59	290	Below Cal	#	88
13) Acrolein	3.720	56	19	Below Cal	#	15
16) Acetone	3.872	43	19	12.830	ug/l #	36
20) Methylene Chloride	4.610	84	2762	5.266	ug/l	85
25) 2-Butanone	6.884	43	88	1.181	ug/l #	41
31) Cyclohexane	7.707	56	689	Below Cal	#	70
36) 1,1-Dichloropropene	7.707	75	2087	5.417	ug/l #	42
38) Carbon Tetrachloride	7.695	117	2712	6.139	ug/l #	13
41) Methacrylonitrile	7.201	41	19	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.408	75	7568	69.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	7568	143.061	ug/l #	16

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

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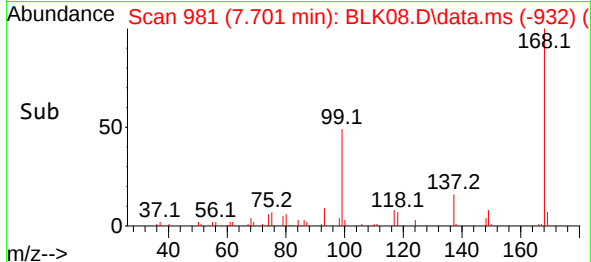
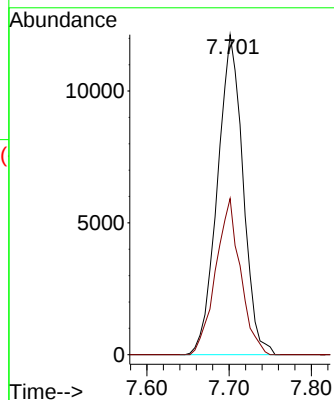
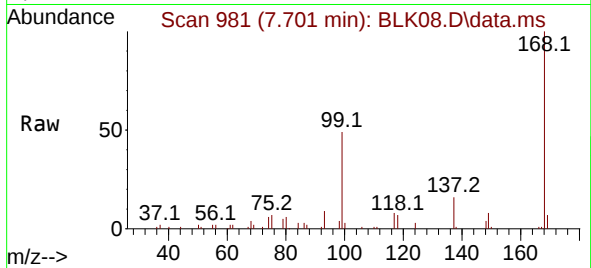




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

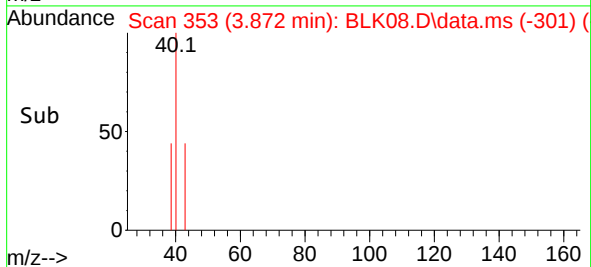
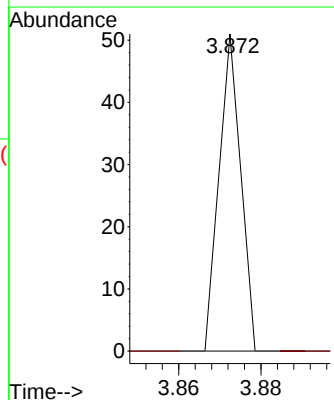
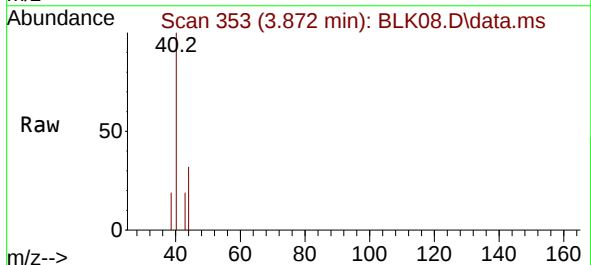
Instrument :
MSVOA_Y
ClientSampleId :

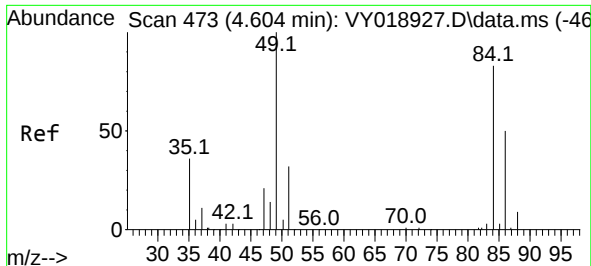
Tgt Ion:168 Resp: 26205
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#16
Acetone
Concen: 12.830 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.018 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

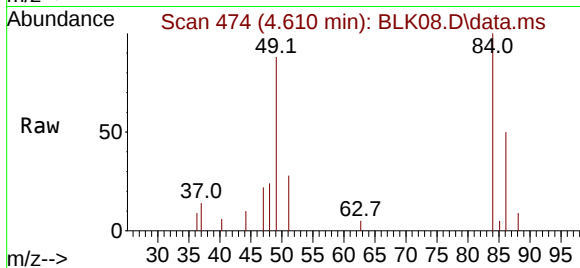
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





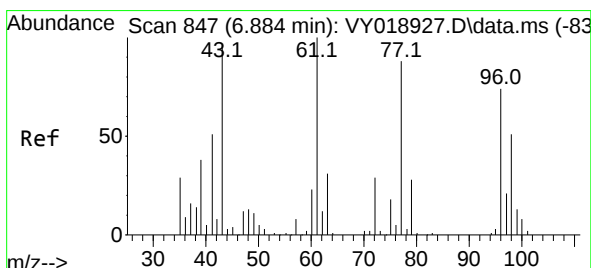
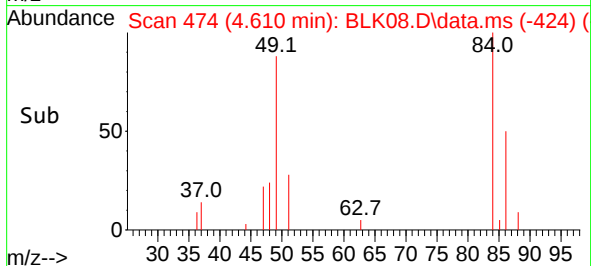
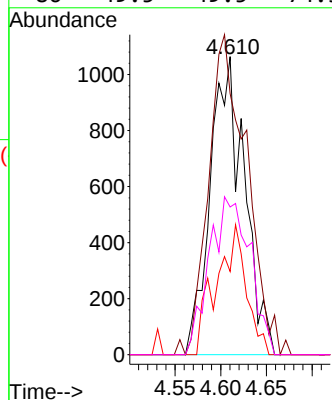
#20
Methylene Chloride
Concen: 5.266 ug/l
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2762

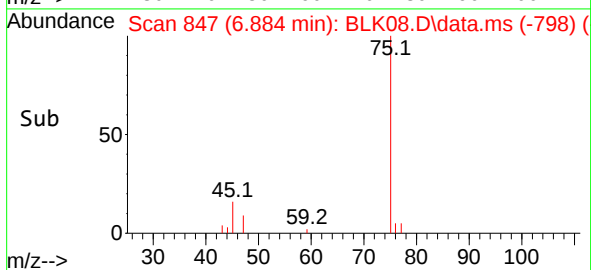
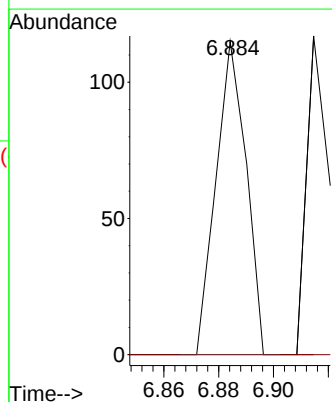
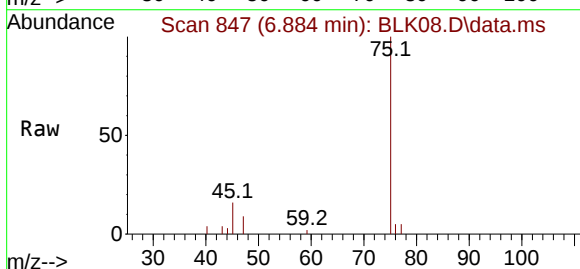
Ion	Ratio	Lower	Upper
84	100		
49	87.6	84.4	126.6
51	27.9	26.0	39.0
86	49.5	49.5	74.3

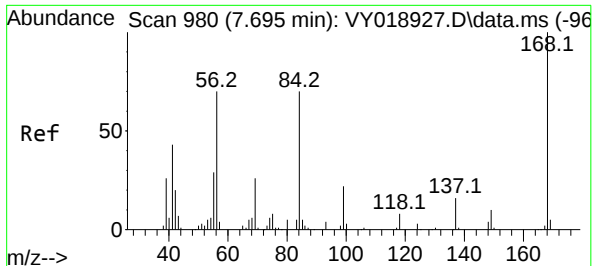


#25
2-Butanone
Concen: 1.181 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Tgt Ion: 43 Resp: 88

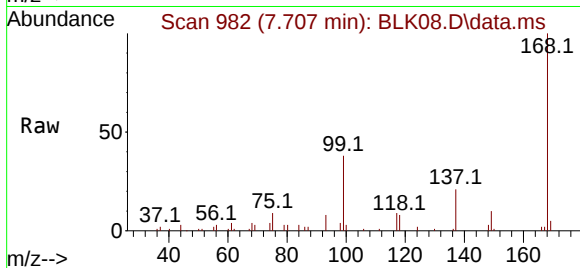
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



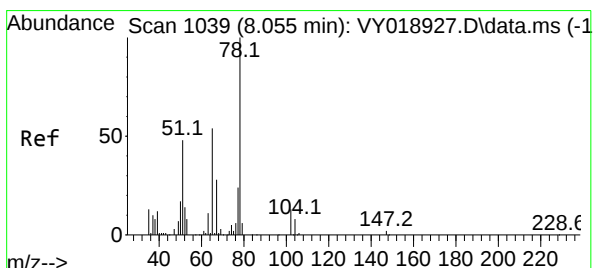
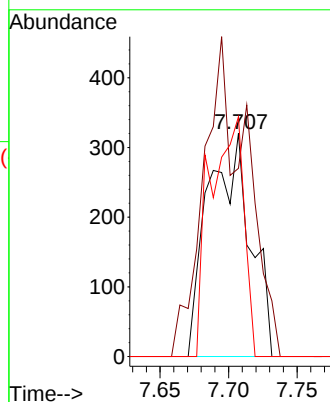
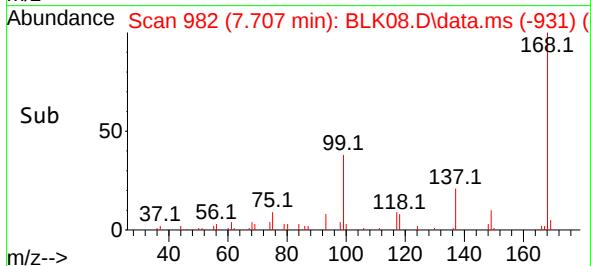


#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Instrument :
MSVOA_Y
ClientSampleId :

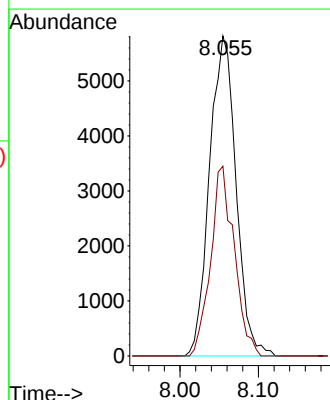
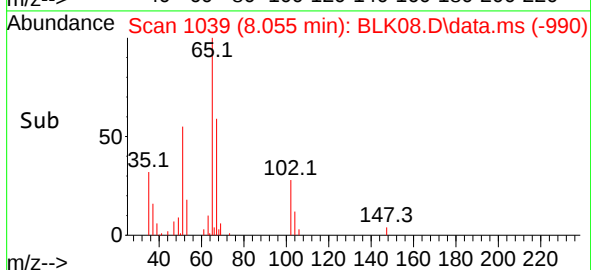
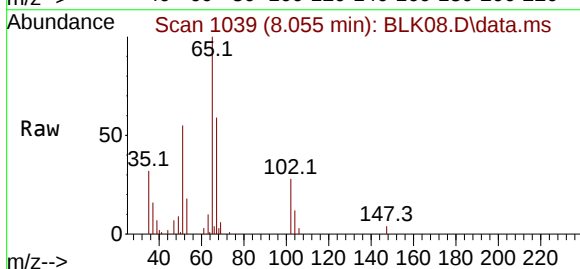


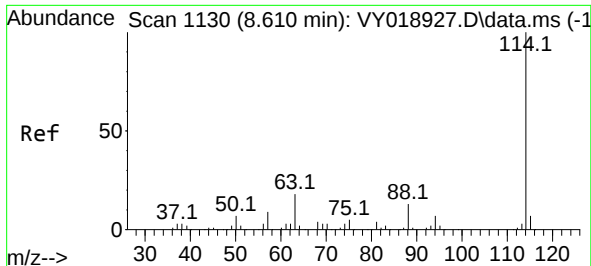
Tgt Ion: 56 Resp: 689
Ion Ratio Lower Upper
56 100
69 84.4 28.7 43.1#
84 107.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 59.445 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Tgt Ion: 65 Resp: 13677
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BLK08.D

Acq: 15 Aug 2024 08:33

Instrument :

MSVOA_Y

ClientSampleId :

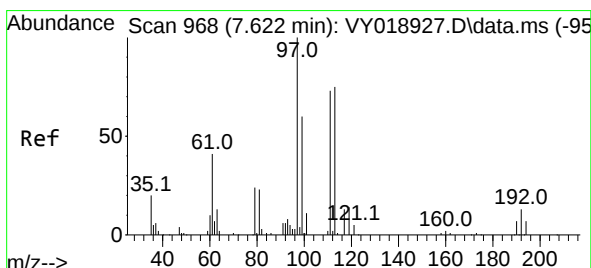
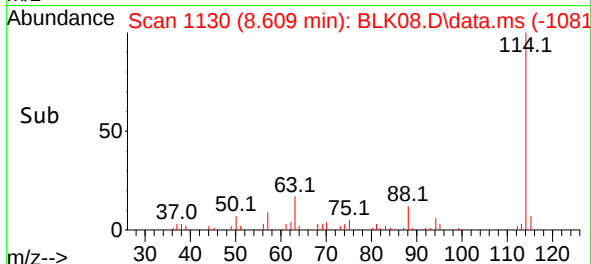
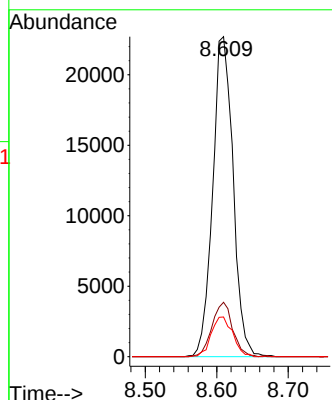
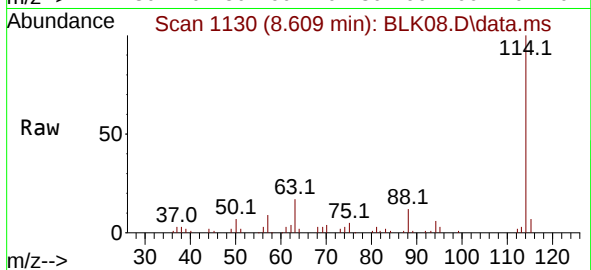
Tgt Ion:114 Resp: 44940

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.201 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: BLK08.D

Acq: 15 Aug 2024 08:33

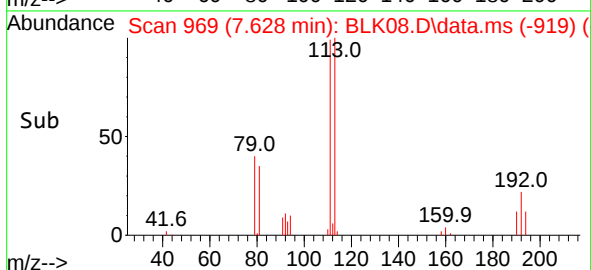
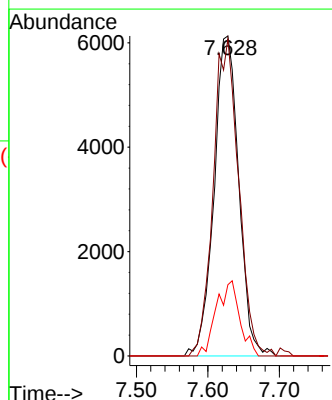
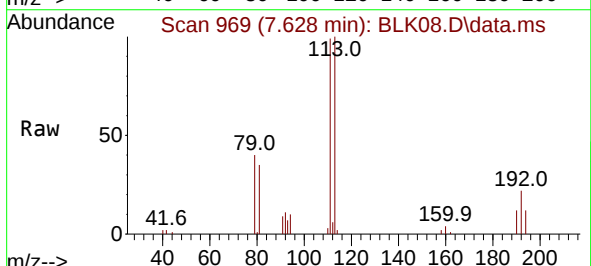
Tgt Ion:113 Resp: 14696

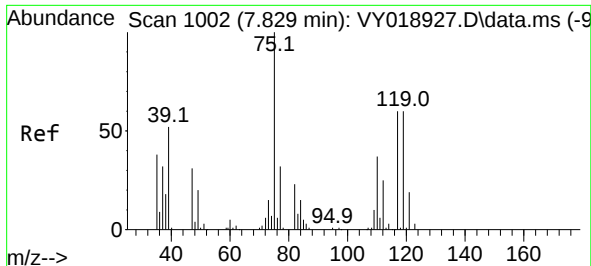
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 22.3 15.9 23.9

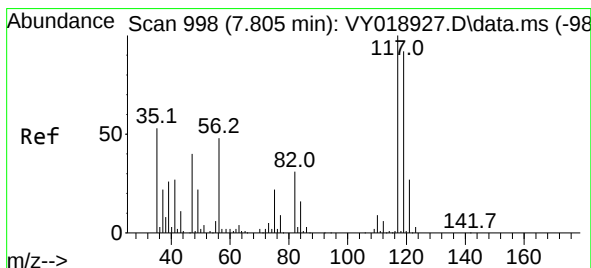
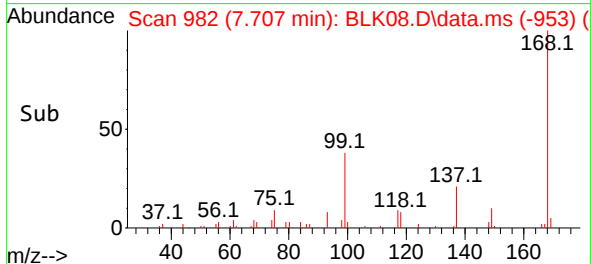
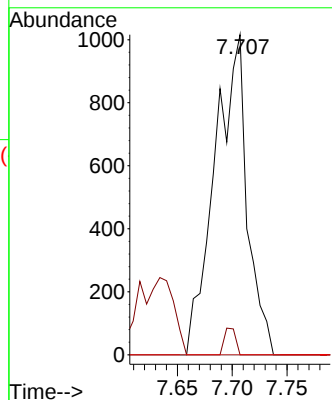
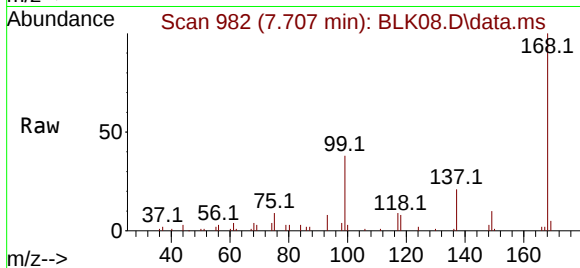




#36
1,1-Dichloropropene
Concen: 5.417 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

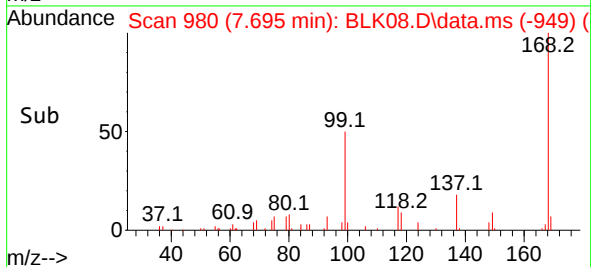
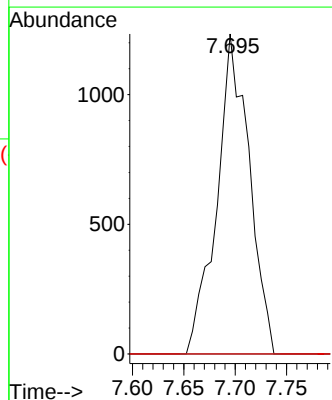
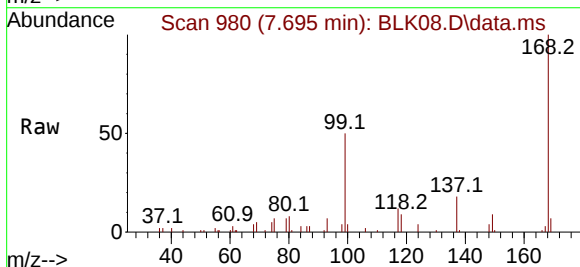
Instrument :
MSVOA_Y
ClientSampleId :

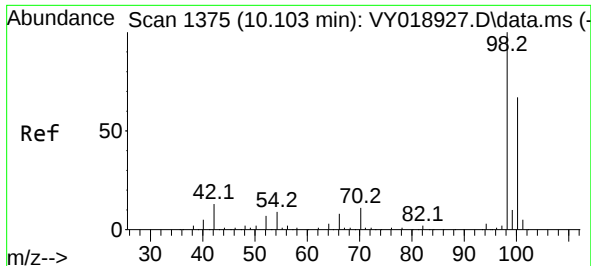
Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
110 2.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Tgt Ion:117 Resp: 2712
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

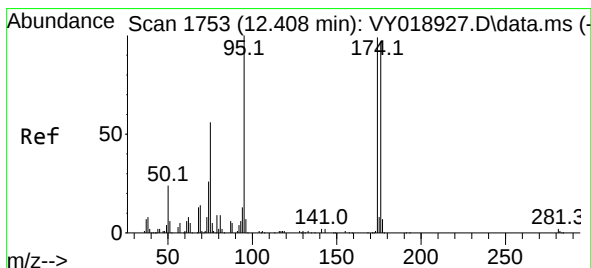
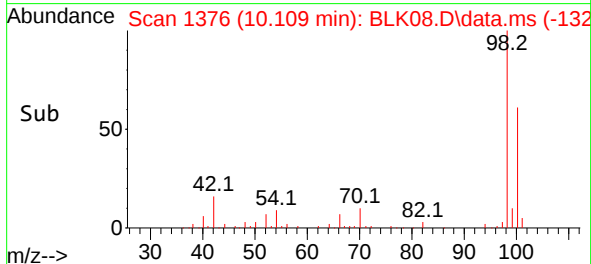
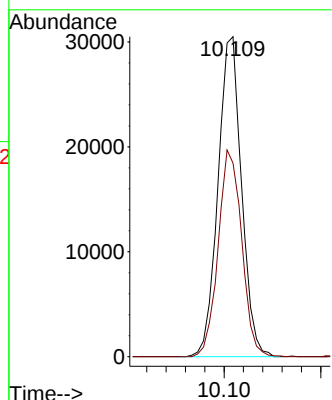
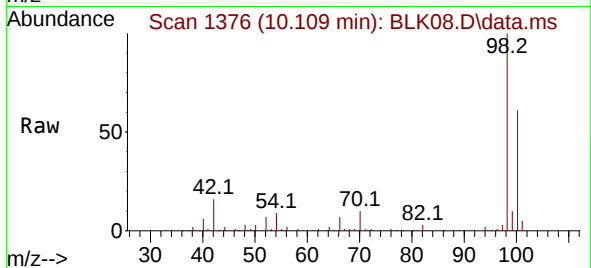




#50
Toluene-d8
Concen: 46.622 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

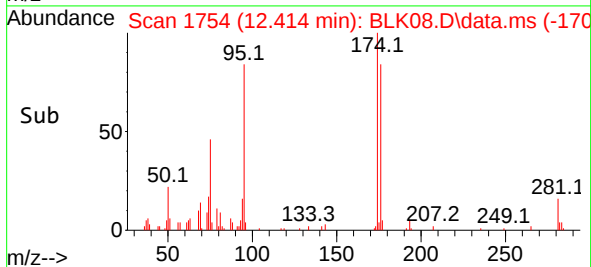
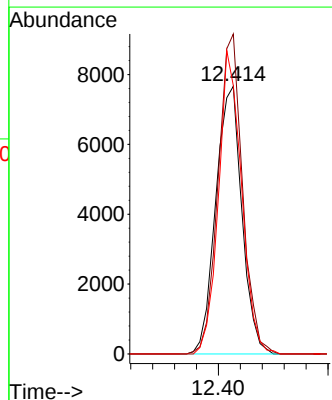
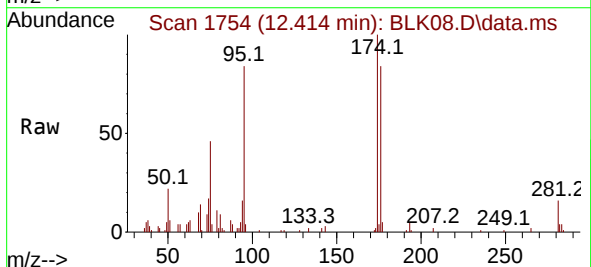
Instrument :
MSVOA_Y
ClientSampleId :

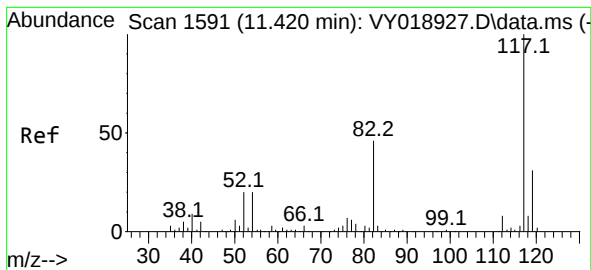
Tgt Ion: 98 Resp: 51400
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.767 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BLK08.D
Acq: 15 Aug 2024 08:33

Tgt Ion: 95 Resp: 12680
Ion Ratio Lower Upper
95 100
174 111.3 0.0 175.6
176 100.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BLK08.D

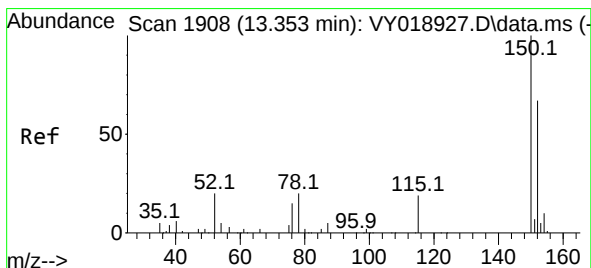
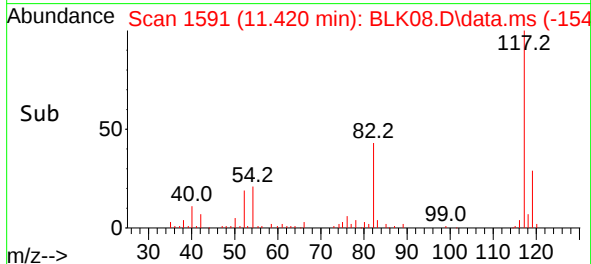
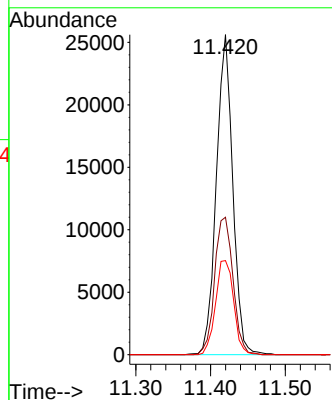
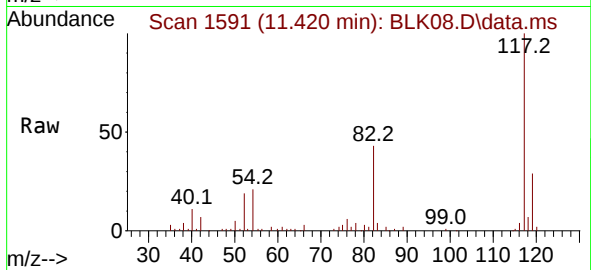
Acq: 15 Aug 2024 08:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	39126
Ion	Ratio	Lower Upper
117	100	
82	43.0	42.4 63.6
119	29.4	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

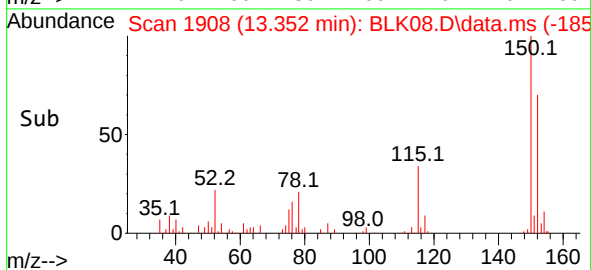
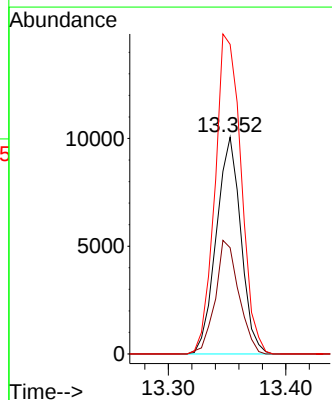
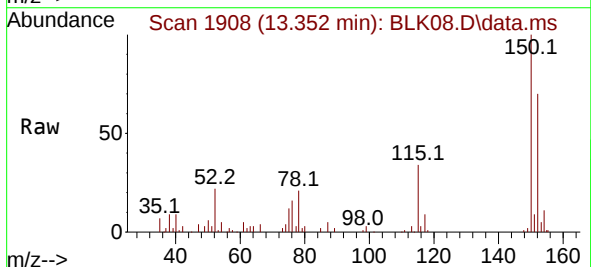
RT: 13.352 min Scan# 1908

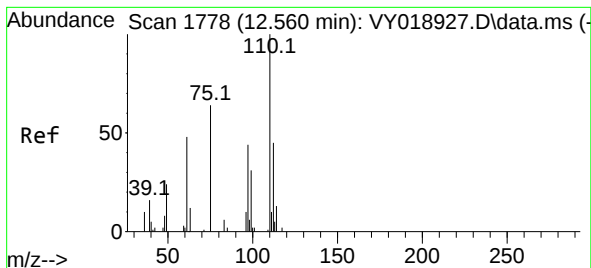
Delta R.T. -0.000 min

Lab File: BLK08.D

Acq: 15 Aug 2024 08:33

Tgt Ion:152	Resp:	14632
Ion	Ratio	Lower Upper
152	100	
115	50.2	28.2 84.7
150	156.5	0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 69.427 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: BLK08.D

Acq: 15 Aug 2024 08:33

Instrument :

MSVOA_Y

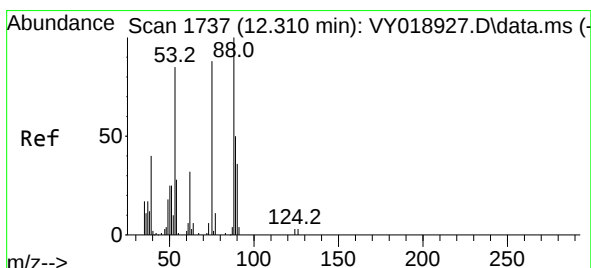
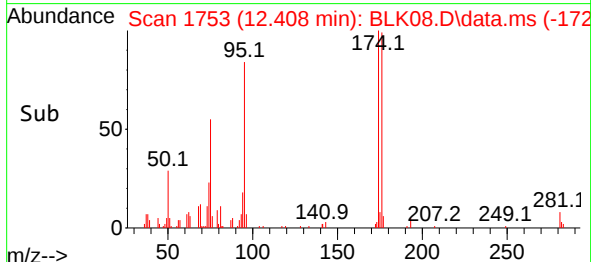
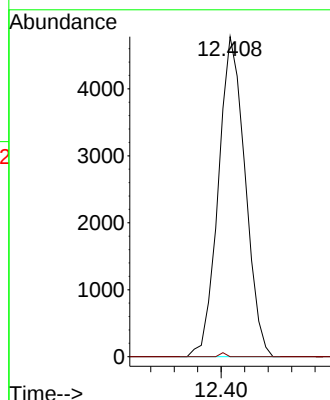
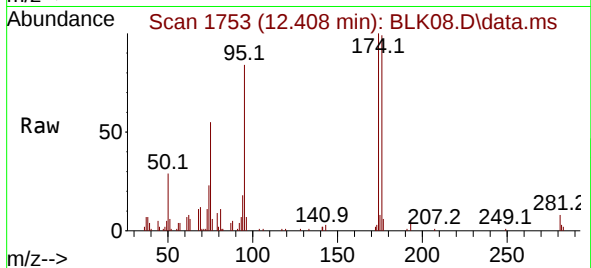
ClientSampleId :

Tgt Ion: 75 Resp: 7568

Ion Ratio Lower Upper

75 100

77 0.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.061 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.097 min

Lab File: BLK08.D

Acq: 15 Aug 2024 08:33

Tgt Ion: 75 Resp: 7568

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

