

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012224.D
 Acq On : 17 Jan 2023 15:35
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 18 00:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

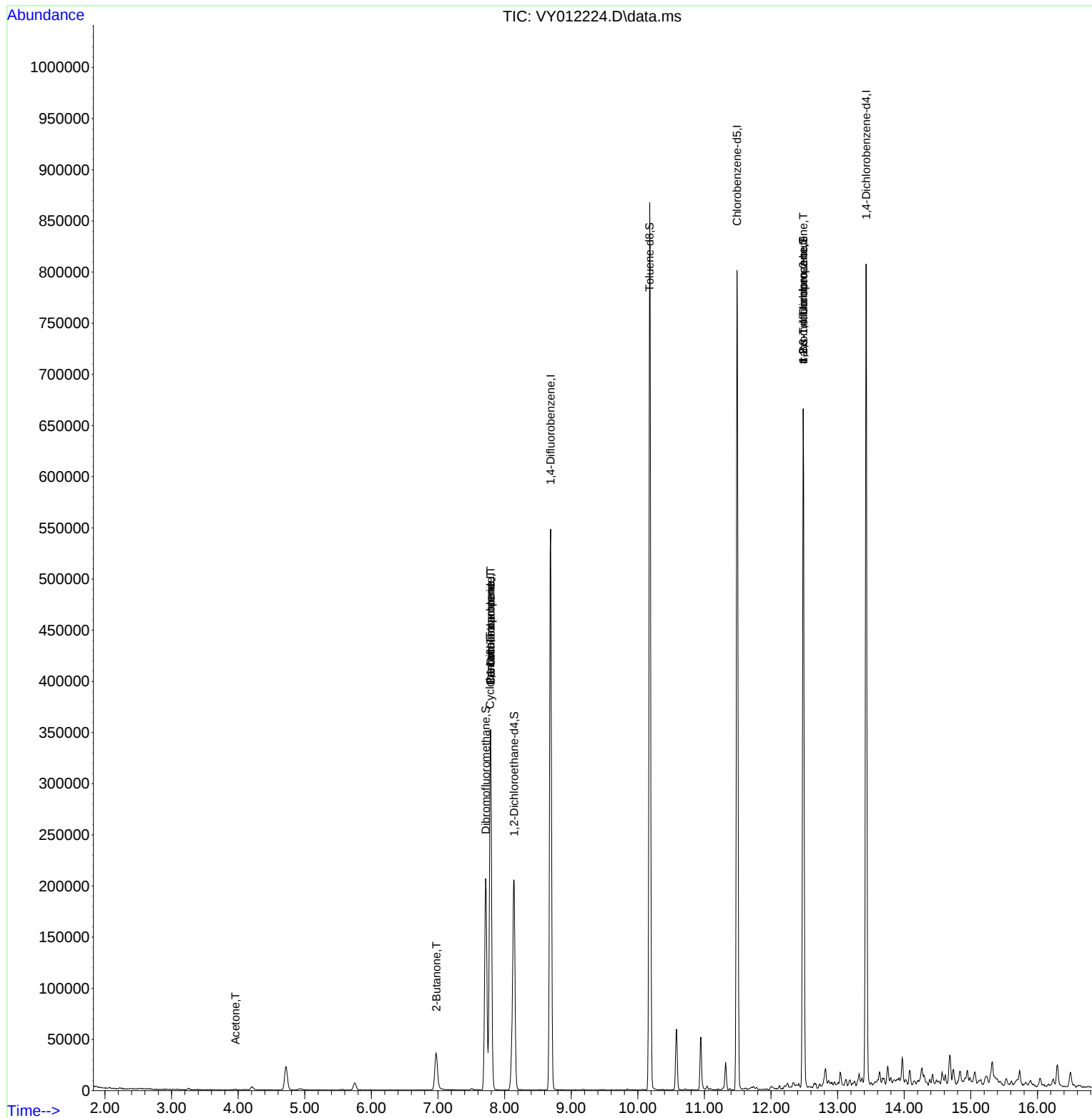
Internal Standards						
1) Pentafluorobenzene	7.789	168	285589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	489662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	150213	64.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.200%	
35) Dibromofluoromethane	7.716	113	148826	57.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.800%	
50) Toluene-d8	10.179	98	575975	65.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.900%	
62) 4-Bromofluorobenzene	12.483	95	196254	53.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.380%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	1940	Below Cal	#	74
16) Acetone	3.960	43	1307	1.644	ug/l	94
20) Methylene Chloride	4.710	84	18208	Below Cal		93
25) 2-Butanone	6.978	43	1894	2.157	ug/l	97
31) Cyclohexane	7.783	56	5296	1.272	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	20545	4.662	ug/l #	49
38) Carbon Tetrachloride	7.789	117	27358	4.807	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	98808	50.892	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	98808	104.861	ug/l #	13

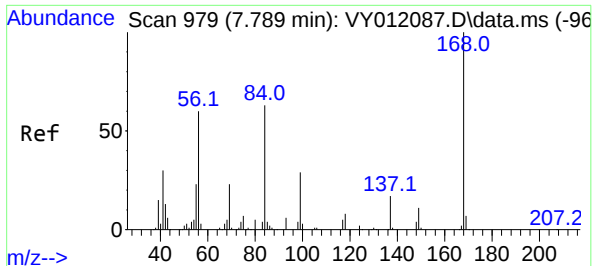
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
Data File : VY012224.D
Acq On : 17 Jan 2023 15:35
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 18 00:33:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

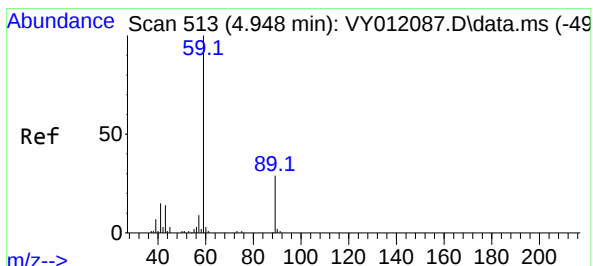
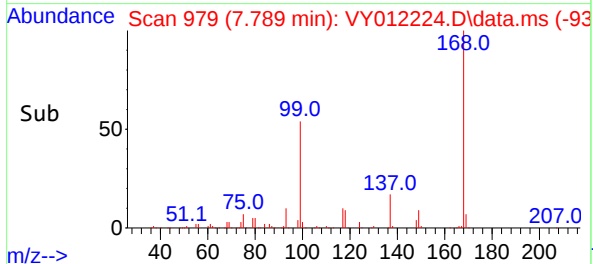
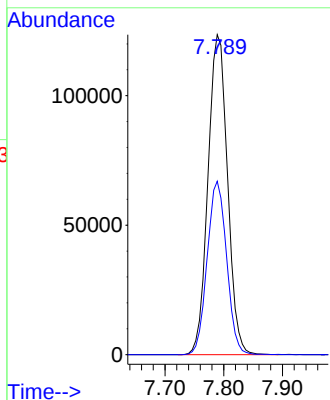
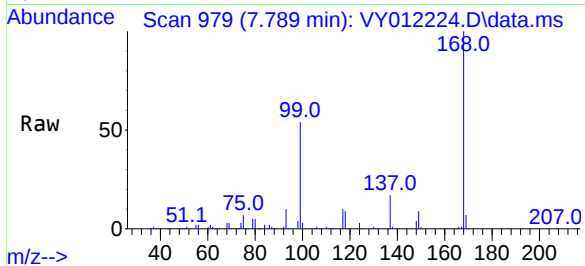




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

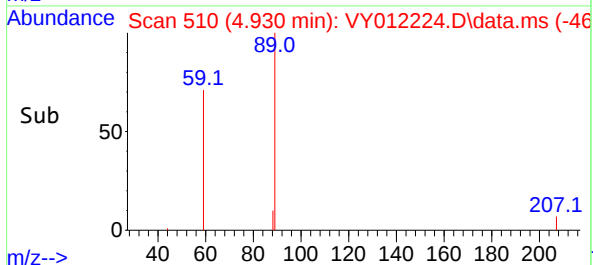
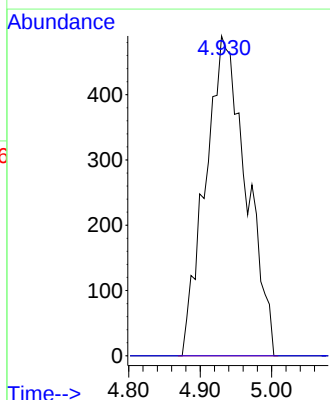
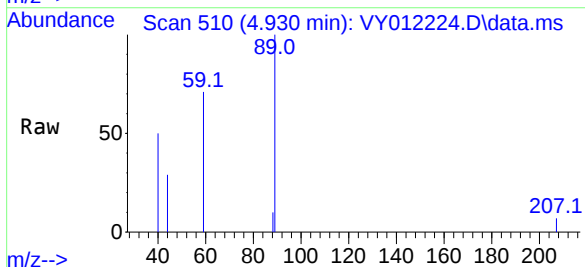
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

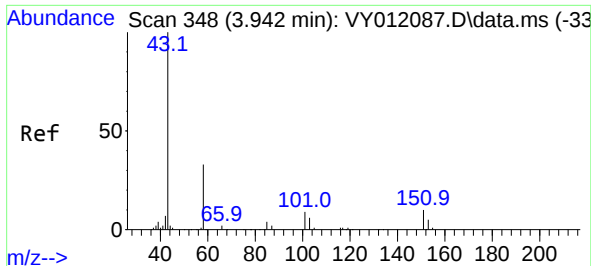
Tgt Ion:168 Resp: 285589
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 59 Resp: 1940
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

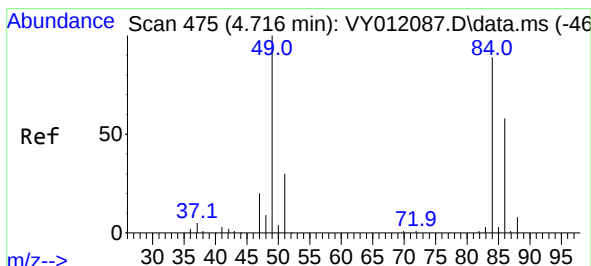
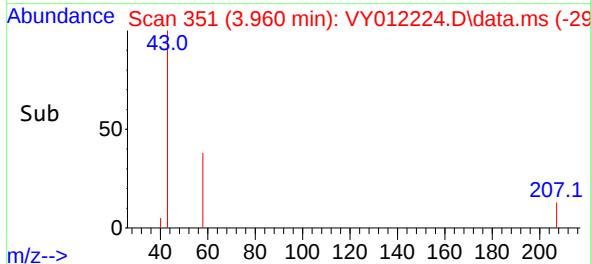
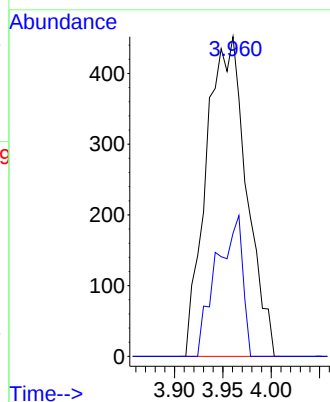
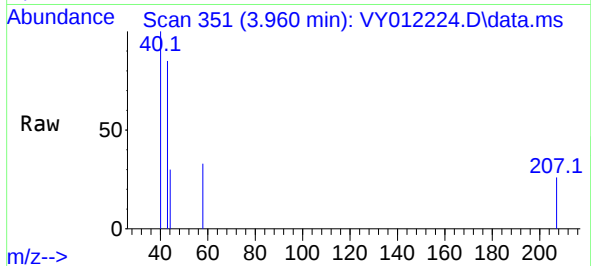




#16
Acetone
Concen: 1.644 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

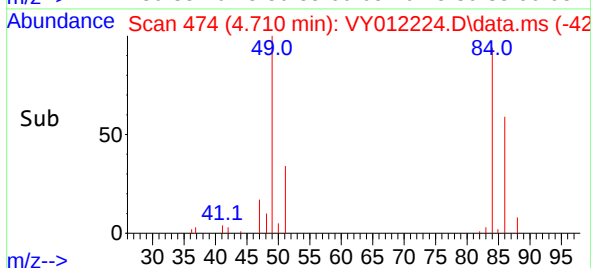
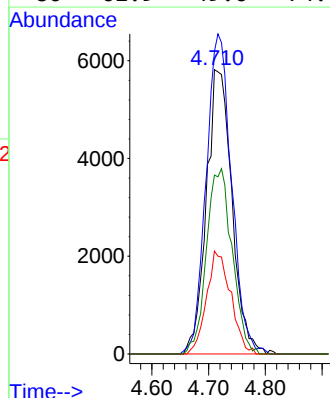
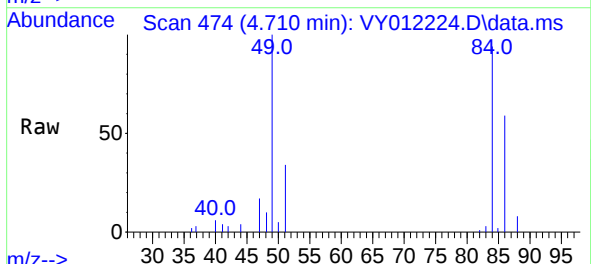
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

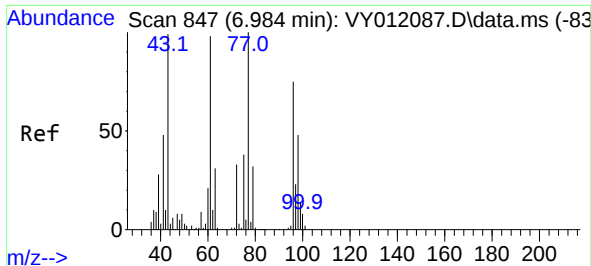
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 38.5 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 84 Resp: 18208
Ion Ratio Lower Upper
84 100
49 106.4 95.4 143.2
51 36.2 29.9 44.9
86 62.9 49.6 74.4





#25

2-Butanone

Concen: 2.157 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012224.D

Acq: 17 Jan 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

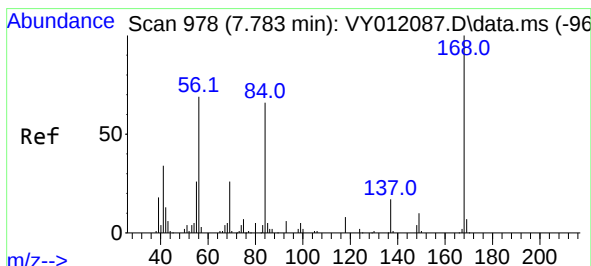
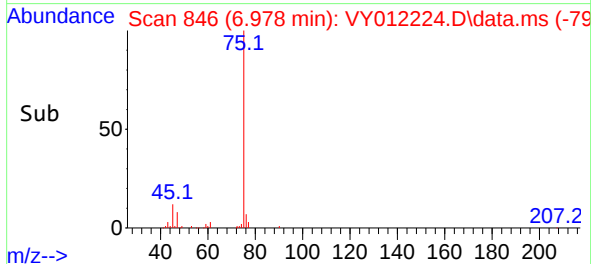
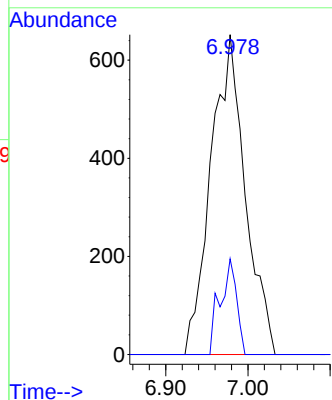
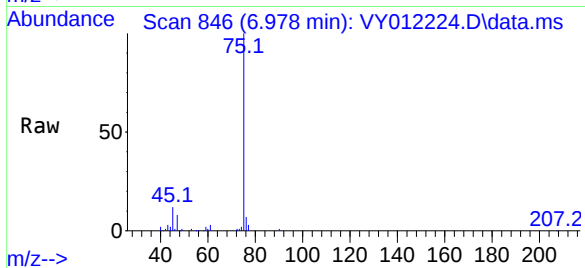
VIBLK

Tgt Ion: 43 Resp: 1894

Ion Ratio Lower Upper

43 100

72 29.9 22.6 34.0



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012224.D

Acq: 17 Jan 2023 15:35

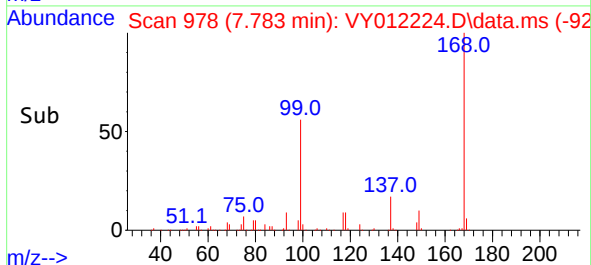
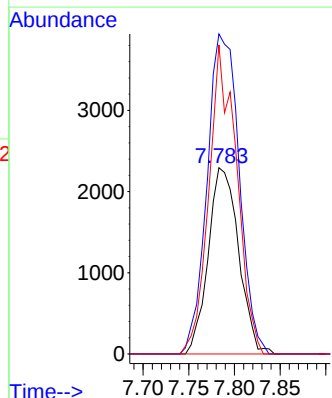
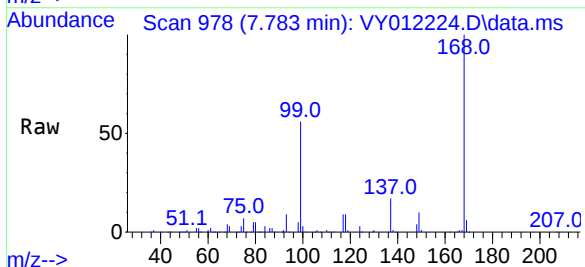
Tgt Ion: 56 Resp: 5296

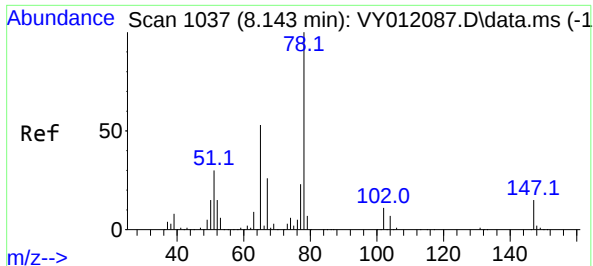
Ion Ratio Lower Upper

56 100

69 171.8 29.2 43.8#

84 166.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 64.604 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012224.D

Acq: 17 Jan 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

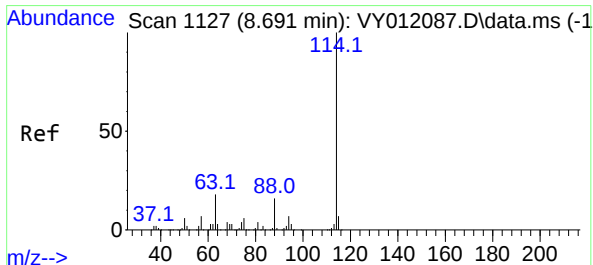
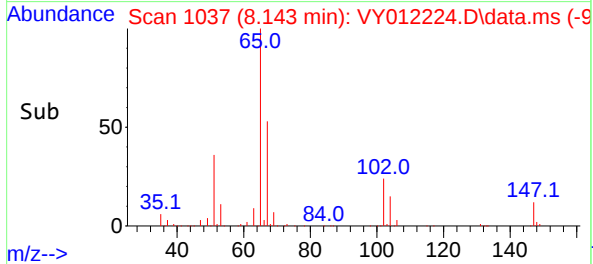
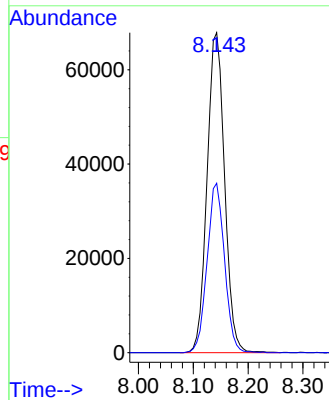
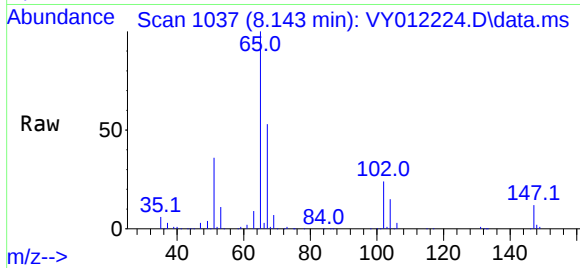
VIBLK

Tgt Ion: 65 Resp: 150213

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012224.D

Acq: 17 Jan 2023 15:35

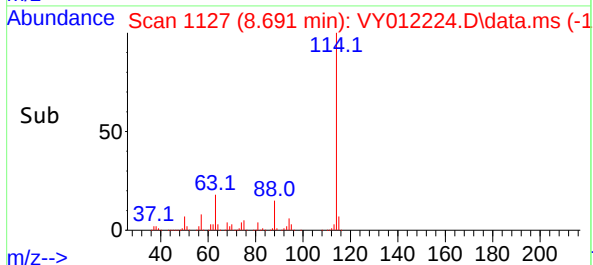
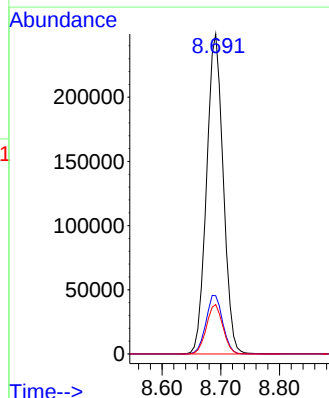
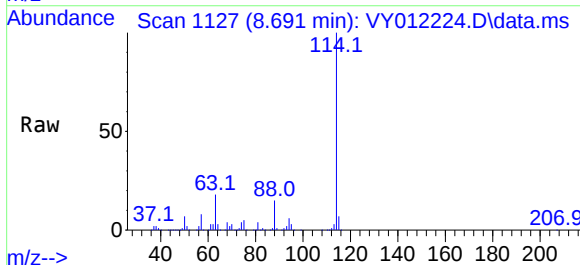
Tgt Ion:114 Resp: 489662

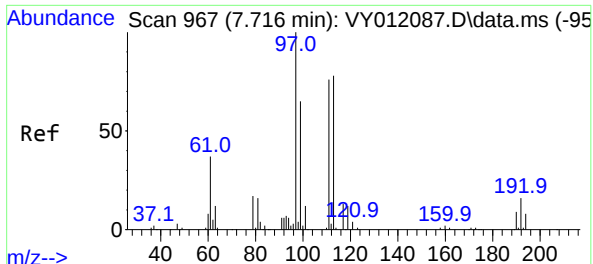
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.4 0.0 32.2

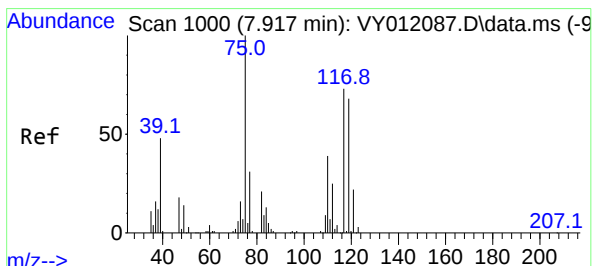
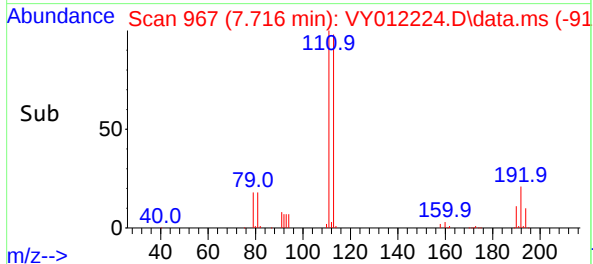
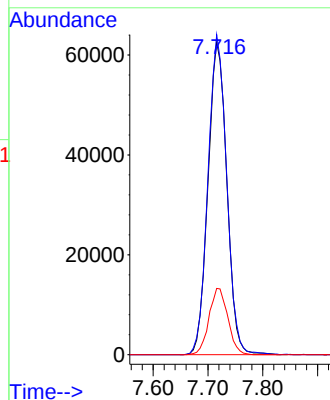
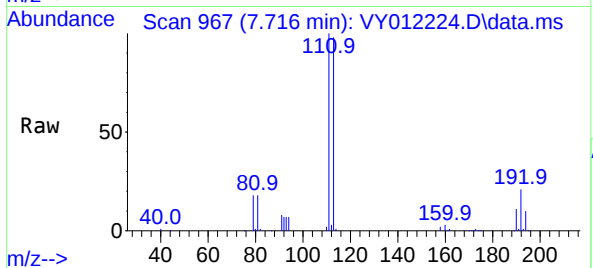




#35
Dibromofluoromethane
Concen: 57.401 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

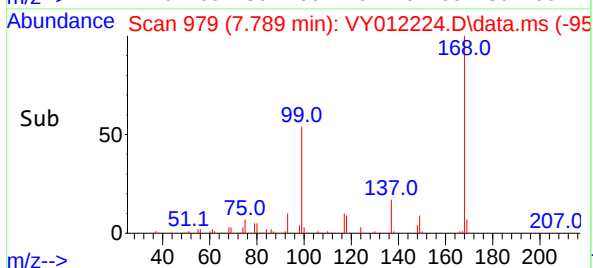
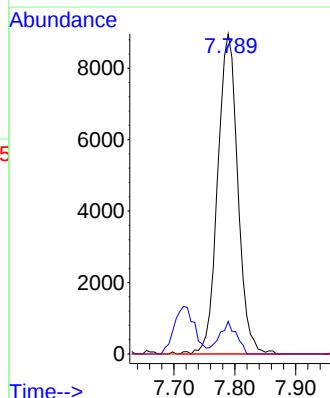
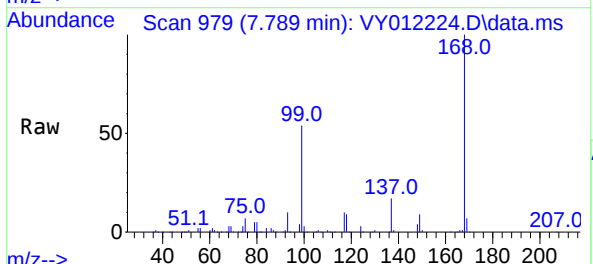
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

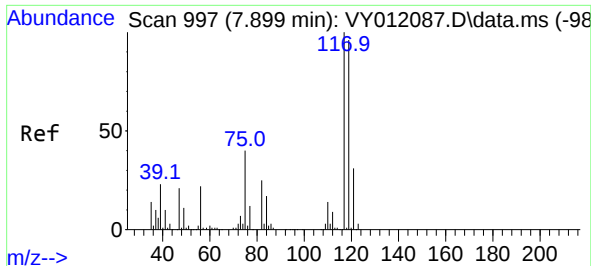
Tgt Ion:113 Resp: 148826
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 21.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 75 Resp: 20545
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 25.1 37.7#

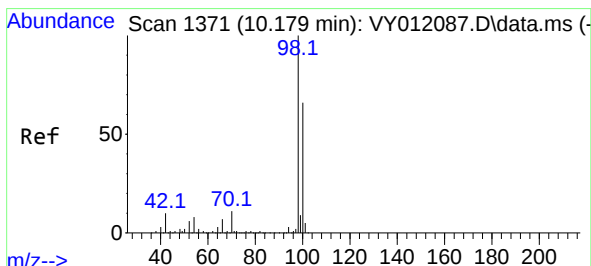
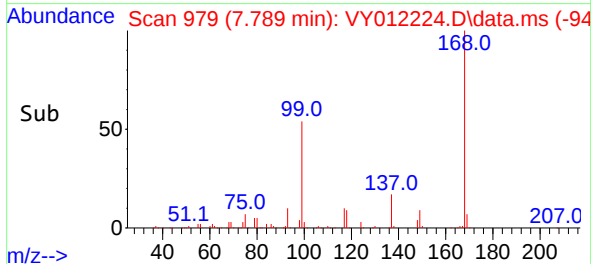
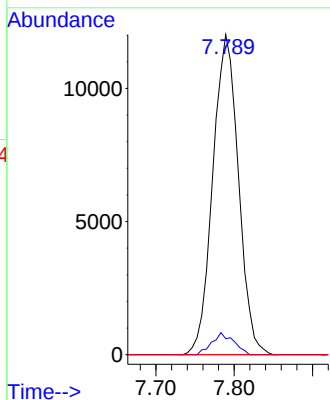
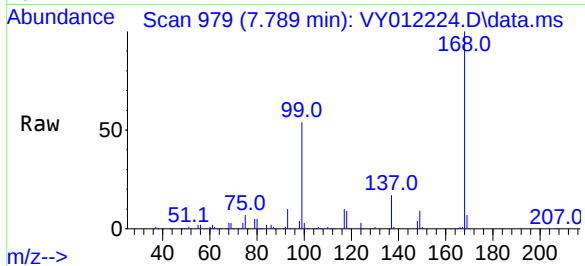




#38
Carbon Tetrachloride
Concen: 4.807 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

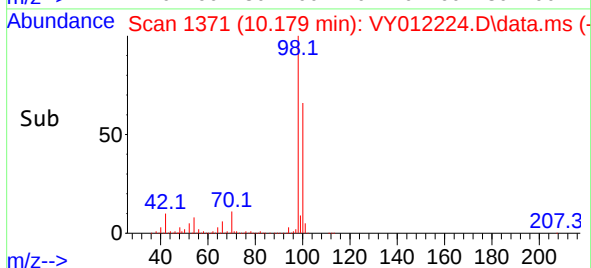
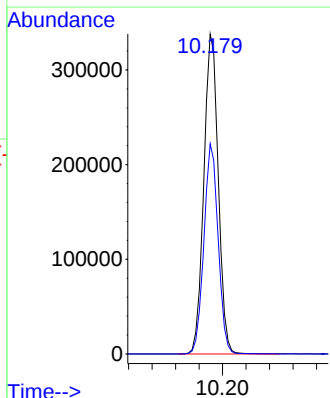
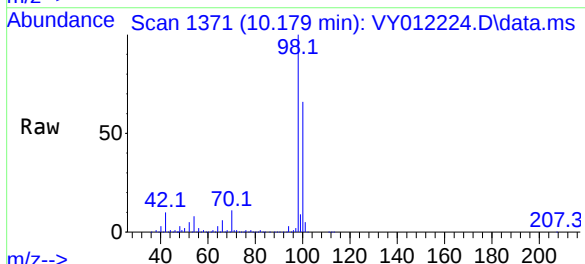
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

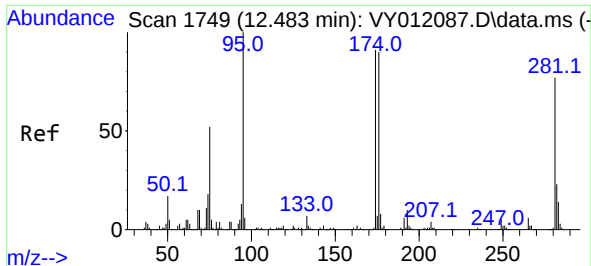
Tgt Ion:117 Resp: 27358
Ion Ratio Lower Upper
117 100
119 5.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.454 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 98 Resp: 575975
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

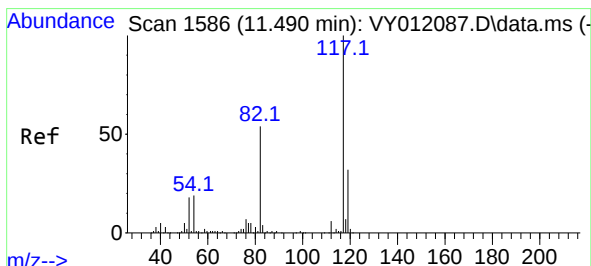
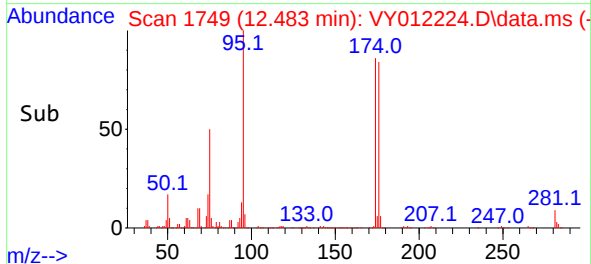
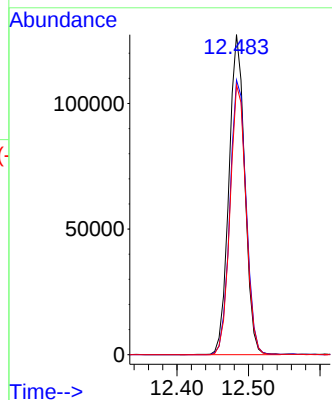
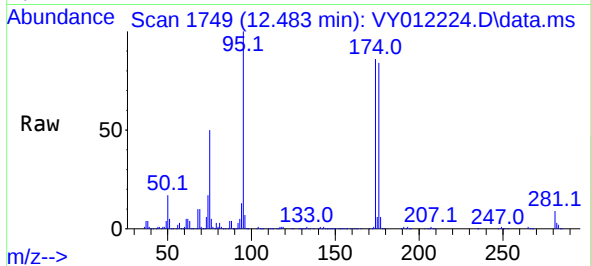




#62
4-Bromofluorobenzene
Concen: 53.695 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

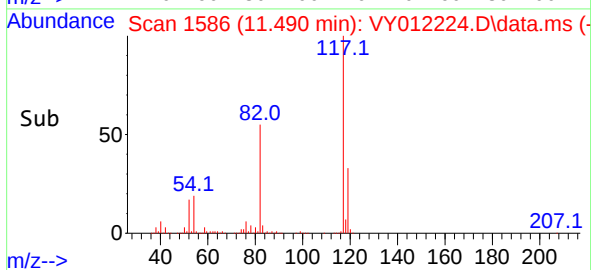
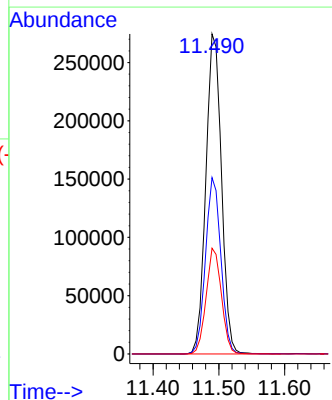
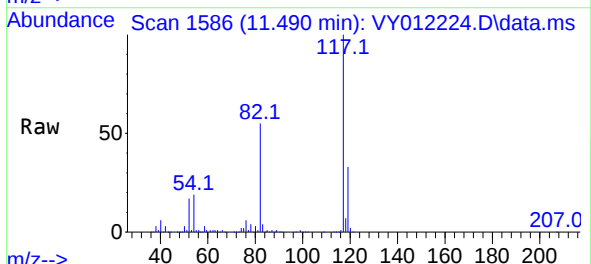
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

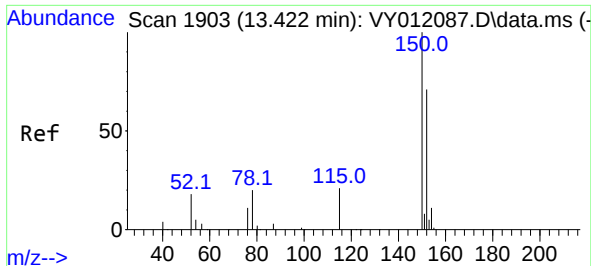
Tgt Ion: 95 Resp: 196254
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.0
176 84.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 117 Resp: 453539
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 33.0 25.4 38.2

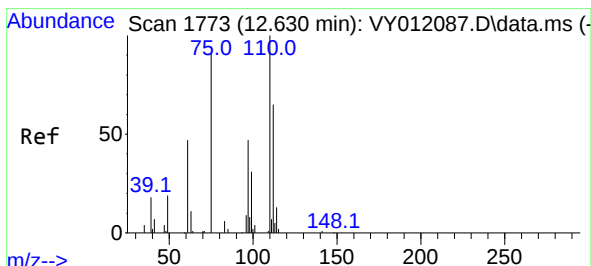
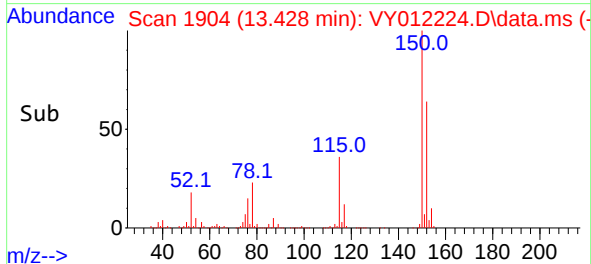
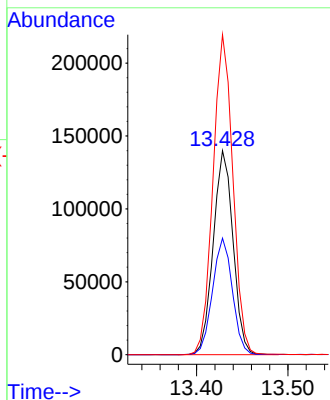
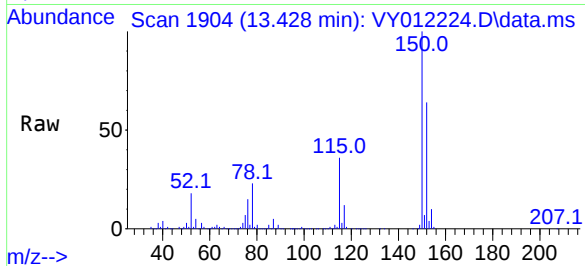




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

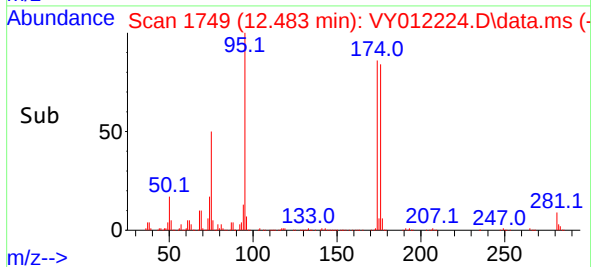
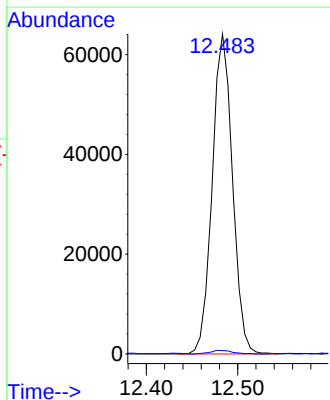
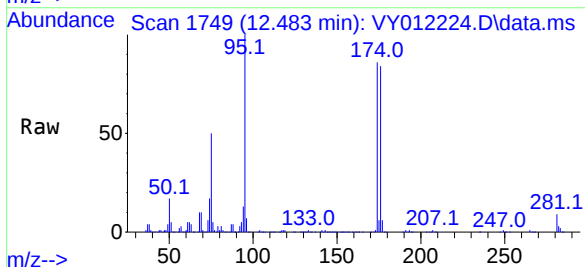
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

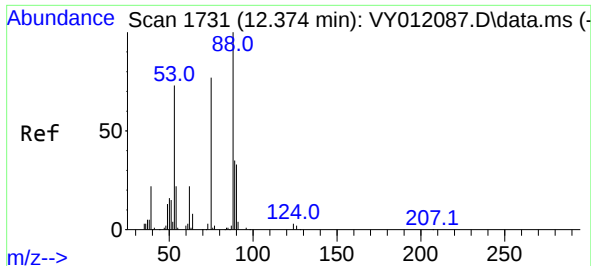
Tgt Ion:152 Resp: 211140
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.892 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Tgt Ion: 75 Resp: 98808
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.861 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012224.D
Acq: 17 Jan 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 98808
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.3 37.0 55.4#

