

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052323\
 Data File : VY013834.D
 Acq On : 23 May 2023 13:38
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 24 05:29:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

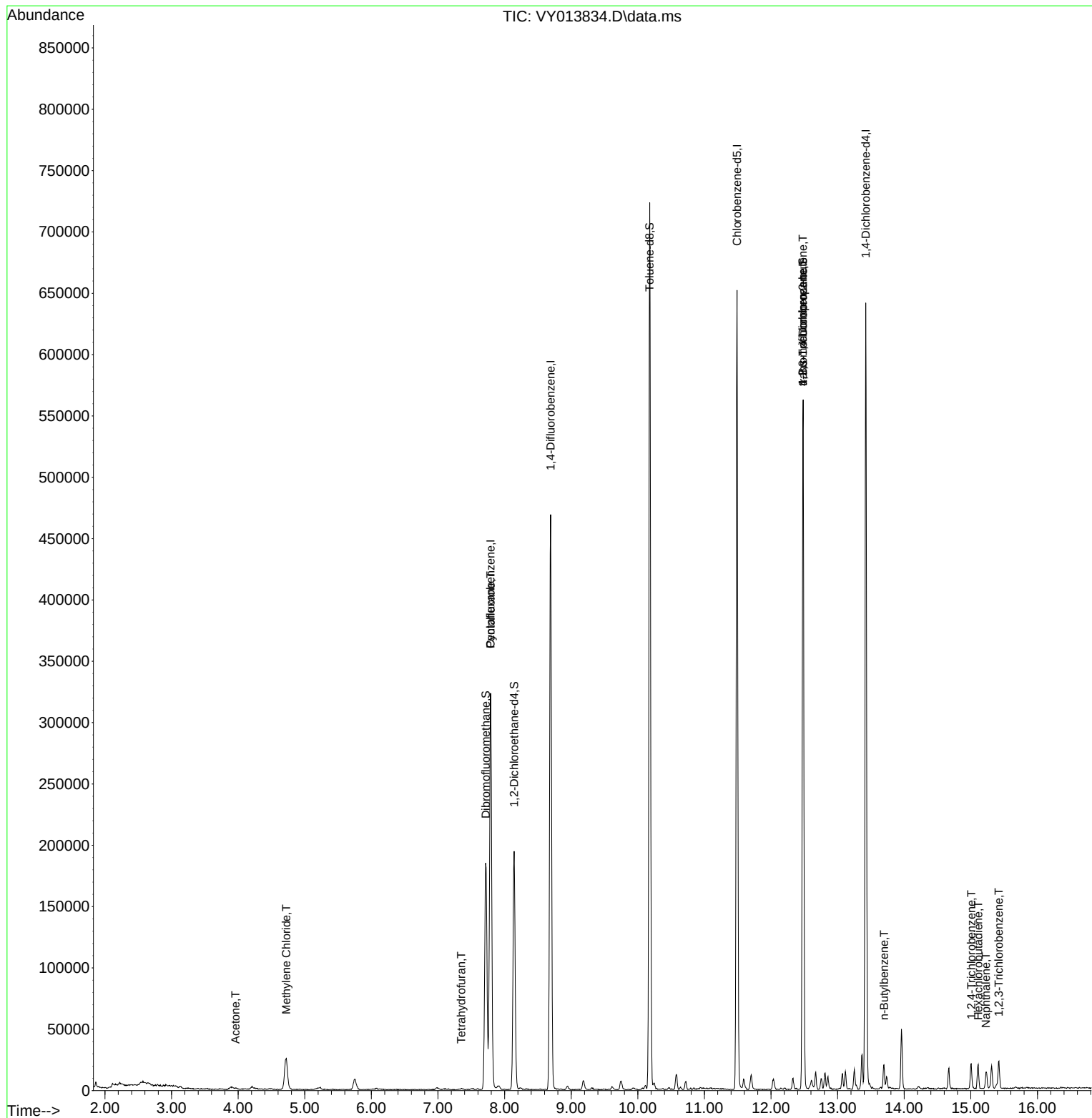
Internal Standards						
1) Pentafluorobenzene	7.789	168	242602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	385212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	155629	55.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.900%	
35) Dibromofluoromethane	7.716	113	132463	53.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.179	98	462620	48.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.477	95	148452	47.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1950	2.341	ug/l	99
20) Methylene Chloride	4.722	84	18506	3.925	ug/l	96
29) Tetrahydrofuran	7.350	42	715	1.178	ug/l #	63
31) Cyclohexane	7.789	56	7154	1.659	ug/l #	34
76) 1,2,3-Trichloropropane	12.477	75	80896	43.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80896	95.338	ug/l #	10
89) n-Butylbenzene	13.696	91	10410	1.058	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	6282	2.069	ug/l	99
94) Hexachlorobutadiene	15.111	225	3502	1.830	ug/l	97
95) Naphthalene	15.227	128	11346	6.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	6582	2.438	ug/l	94

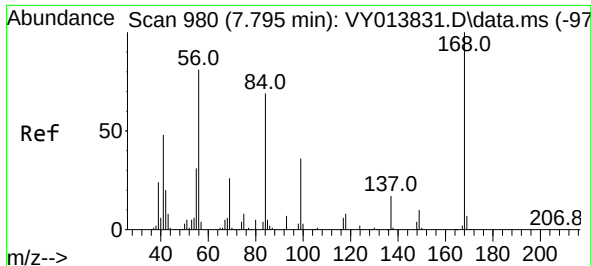
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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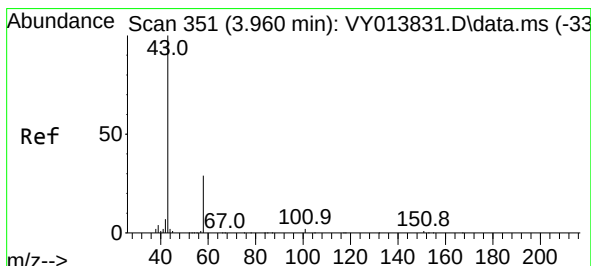
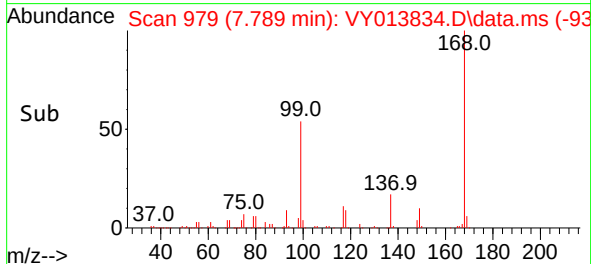
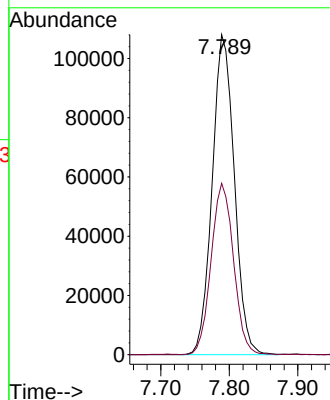
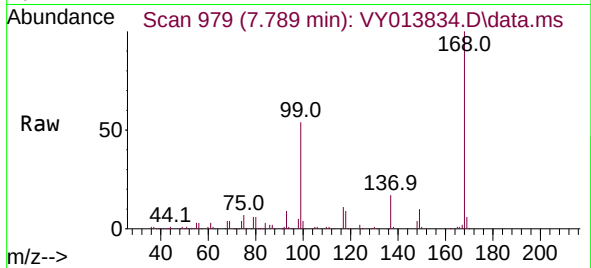




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

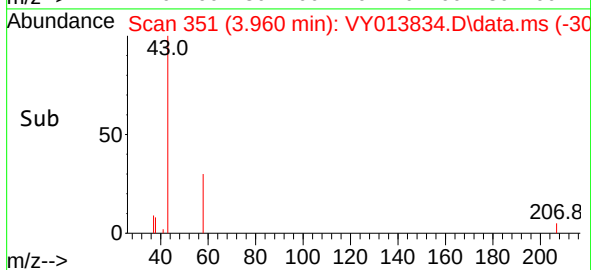
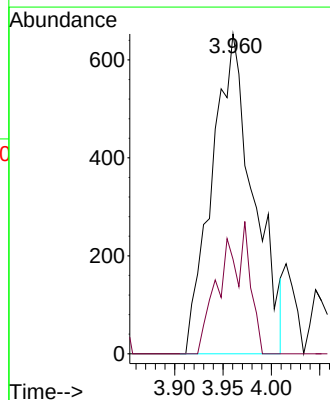
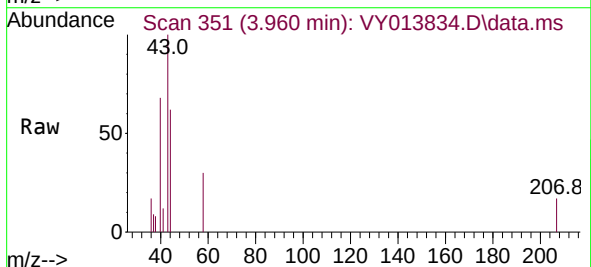
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

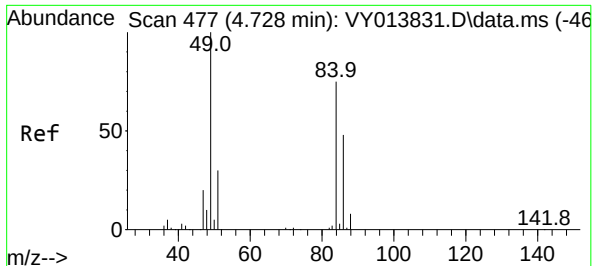
Tgt Ion:168 Resp: 242602
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.2



#16
Acetone
Concen: 2.341 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion: 43 Resp: 1950
Ion Ratio Lower Upper
43 100
58 29.6 23.3 34.9



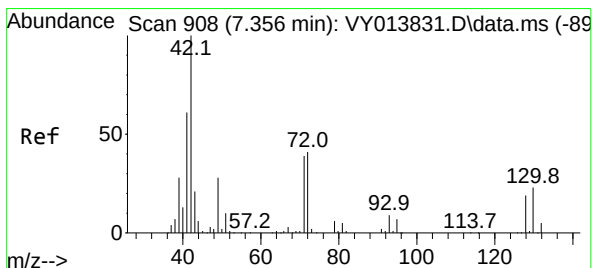
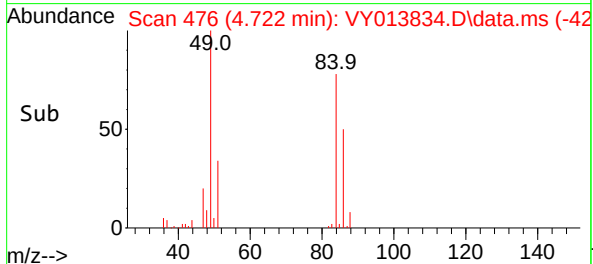
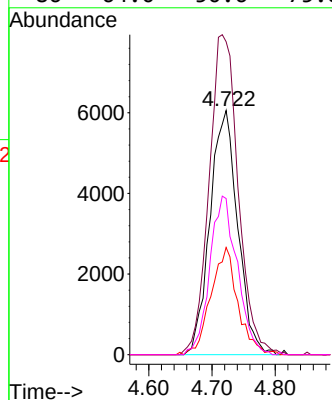
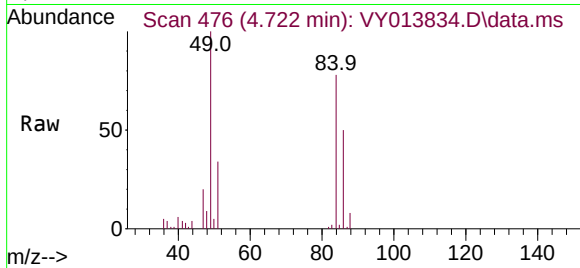


#20
Methylene Chloride
Concen: 3.925 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 18506

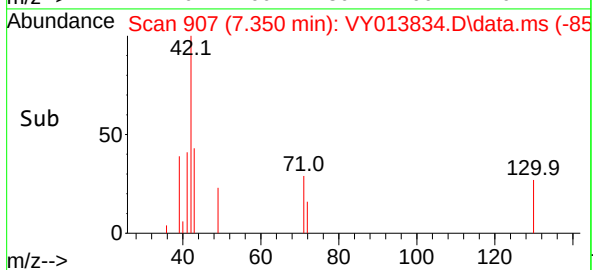
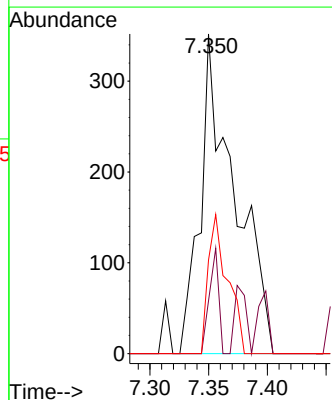
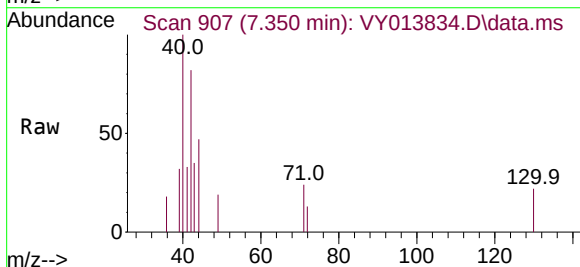
Ion	Ratio	Lower	Upper
84	100		
49	128.1	106.2	159.2
51	43.9	31.4	47.0
86	64.0	50.6	75.8

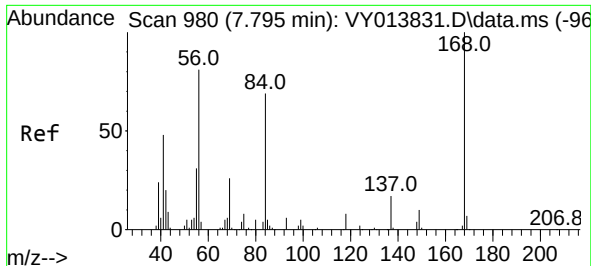


#29
Tetrahydrofuran
Concen: 1.178 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion: 42 Resp: 715

Ion	Ratio	Lower	Upper
42	100		
72	9.0	31.7	47.5#
71	24.5	30.6	45.8#

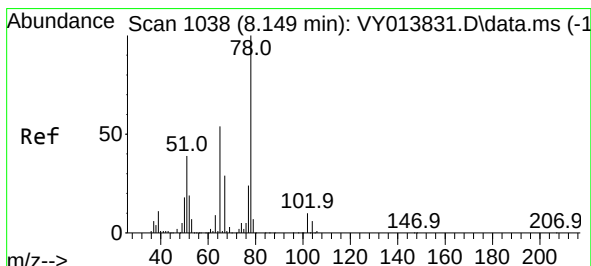
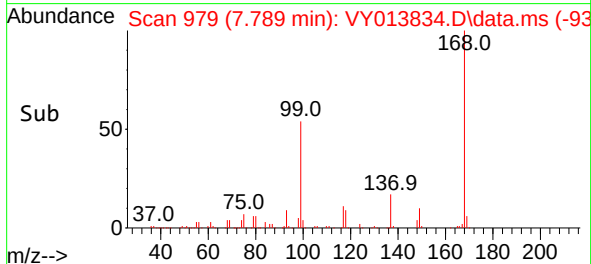
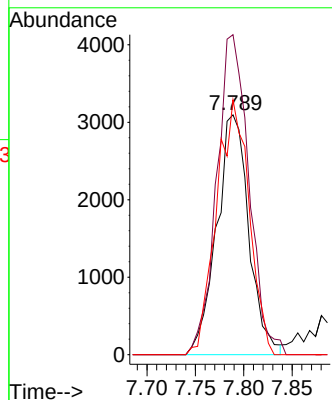
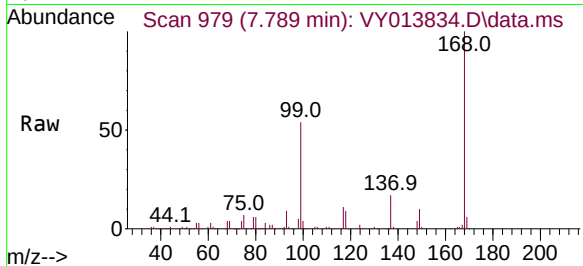




#31
Cyclohexane
Concen: 1.659 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

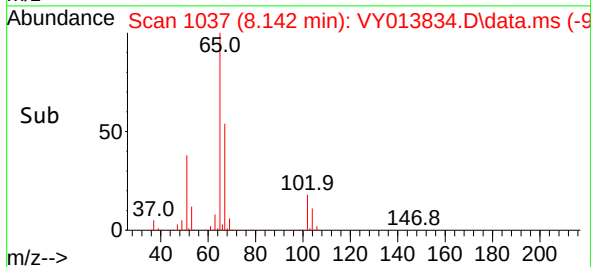
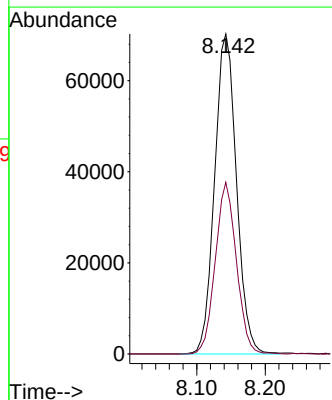
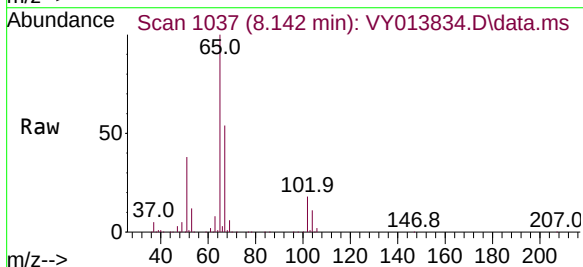
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

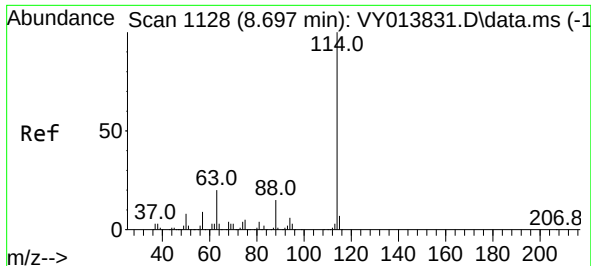
Tgt Ion: 56 Resp: 7154
Ion Ratio Lower Upper
56 100
69 133.4 25.8 38.8#
84 106.2 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 55.450 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion: 65 Resp: 155629
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013834.D

Acq: 23 May 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

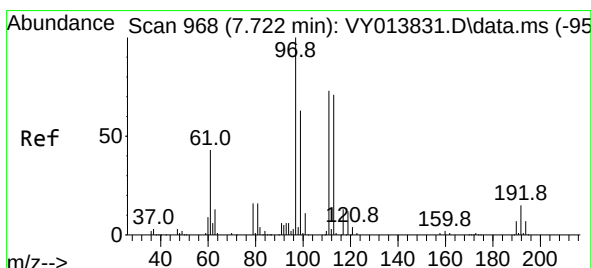
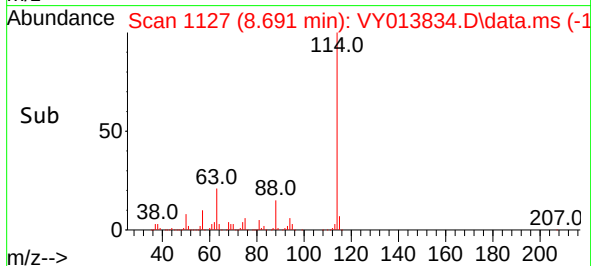
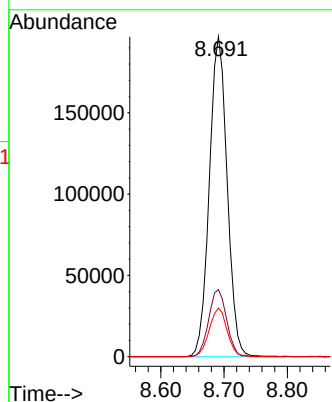
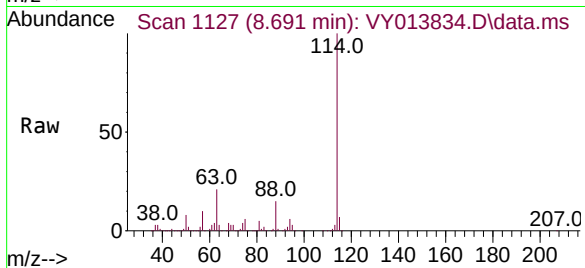
Tgt Ion:114 Resp: 385212

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.247 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013834.D

Acq: 23 May 2023 13:38

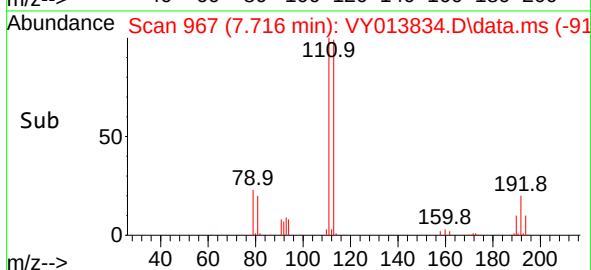
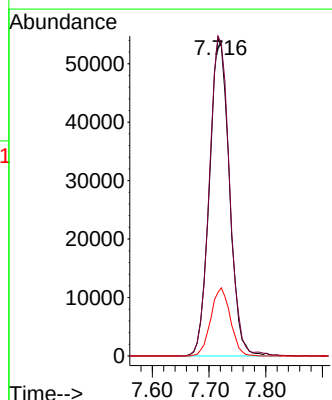
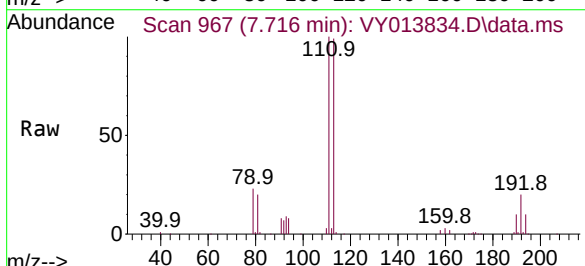
Tgt Ion:113 Resp: 132463

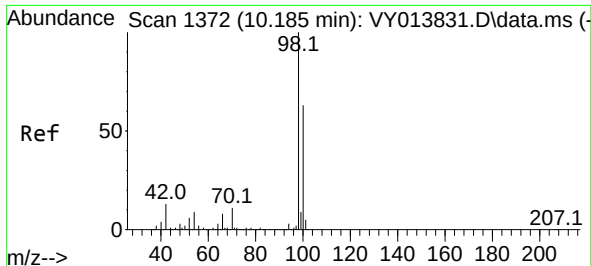
Ion Ratio Lower Upper

113 100

111 102.0 80.4 120.6

192 21.0 16.6 25.0

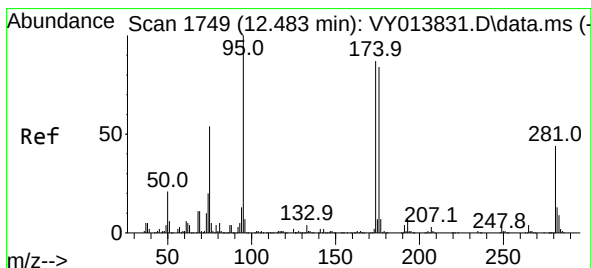
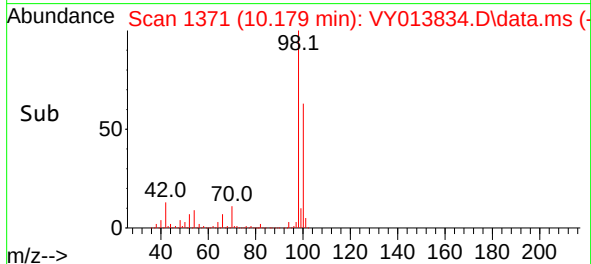
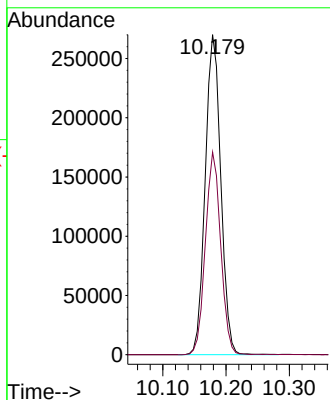
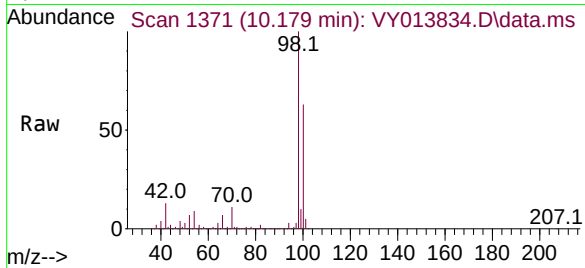




#50
Toluene-d8
Concen: 48.928 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

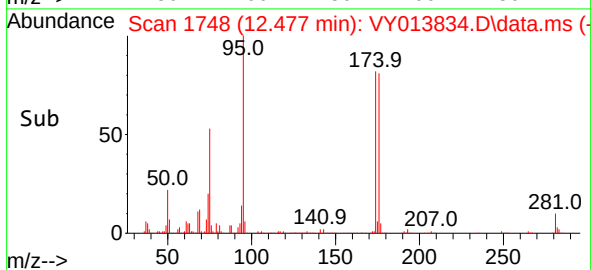
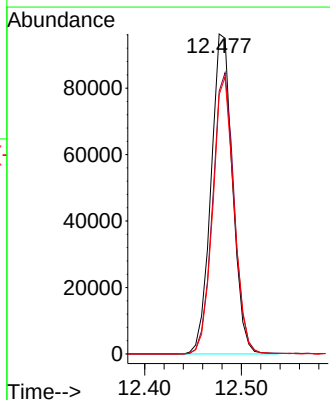
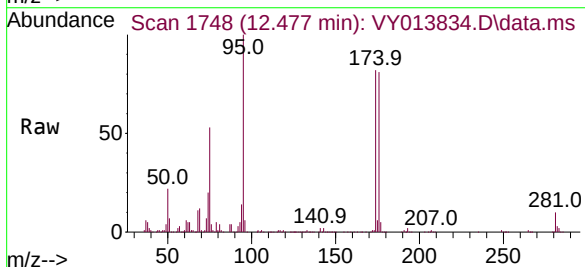
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

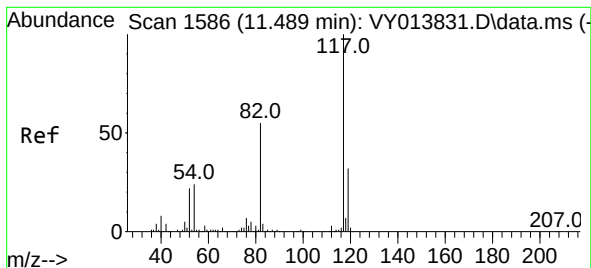
Tgt Ion: 98 Resp: 462620
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 47.235 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion: 95 Resp: 148452
Ion Ratio Lower Upper
95 100
174 88.0 0.0 176.0
176 85.2 0.0 170.2

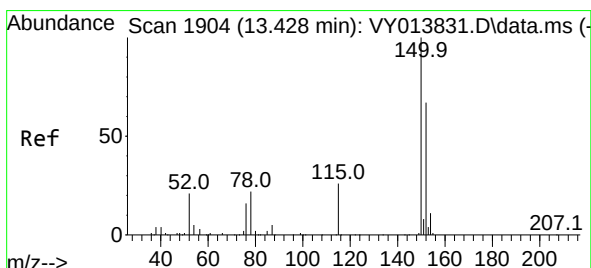
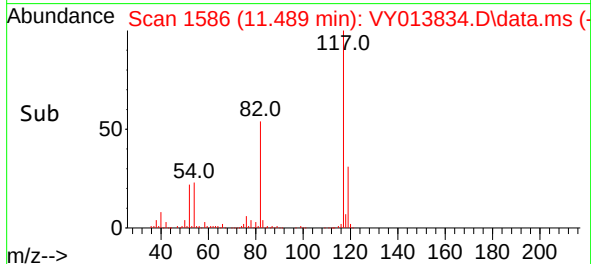
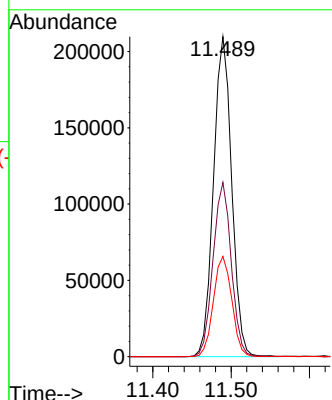
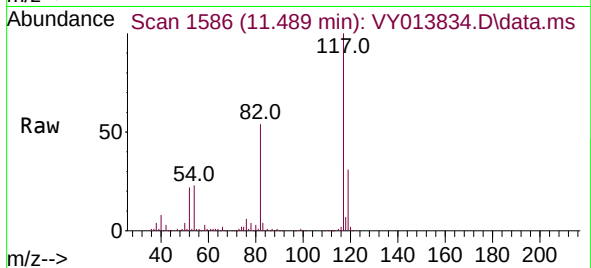




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

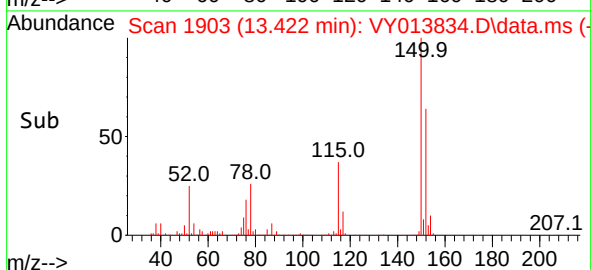
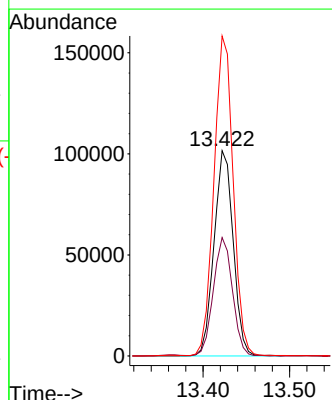
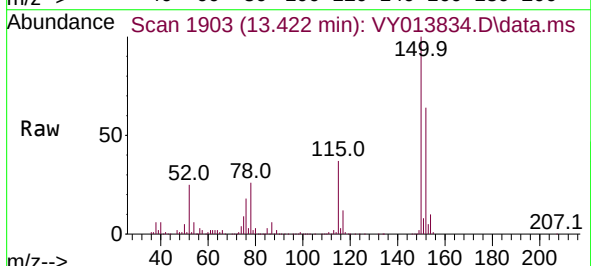
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

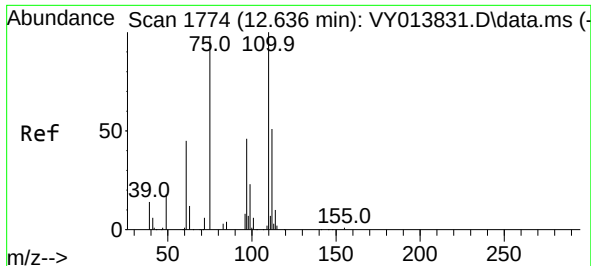
Tgt Ion:117 Resp: 338181
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion:152 Resp: 156205
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.1 0.0 353.4

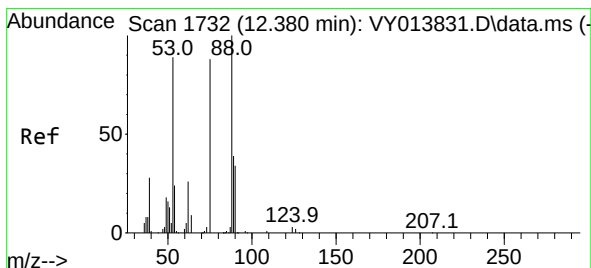
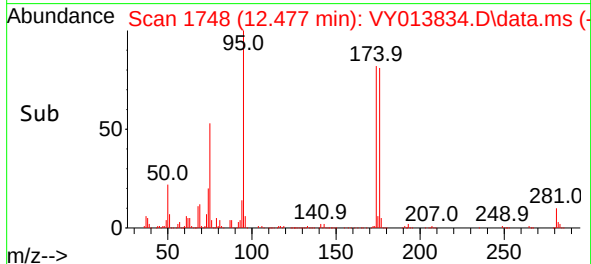
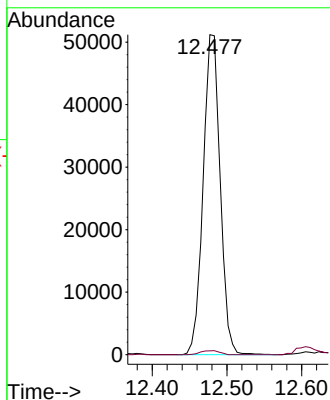
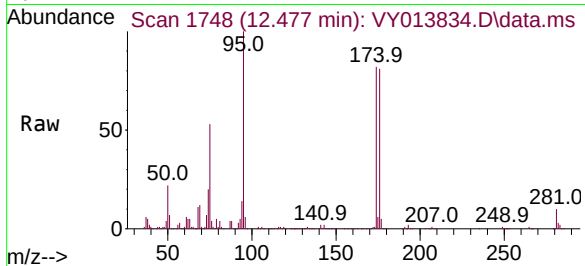




#76
1,2,3-Trichloropropane
Concen: 43.921 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

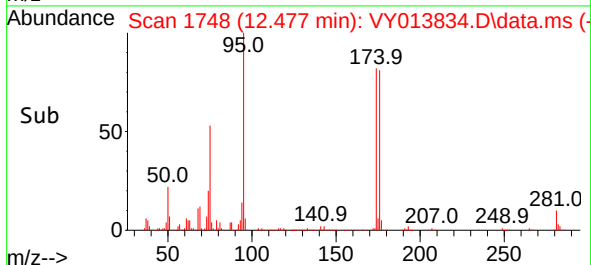
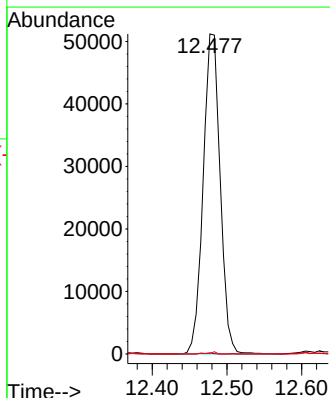
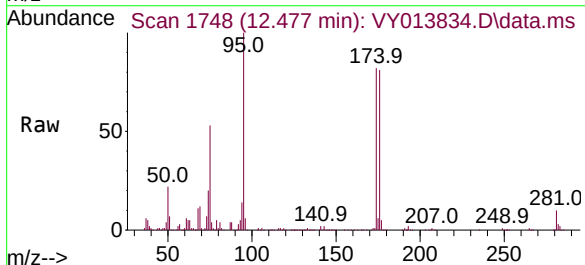
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

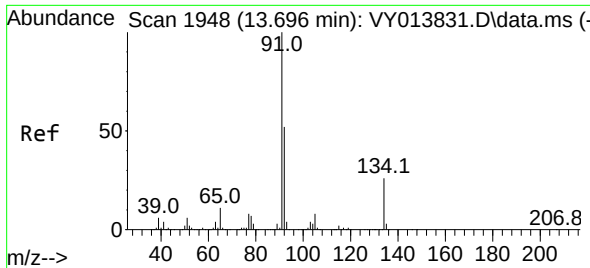
Tgt Ion: 75 Resp: 80896
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.338 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion: 75 Resp: 80896
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.3 36.4 54.6#

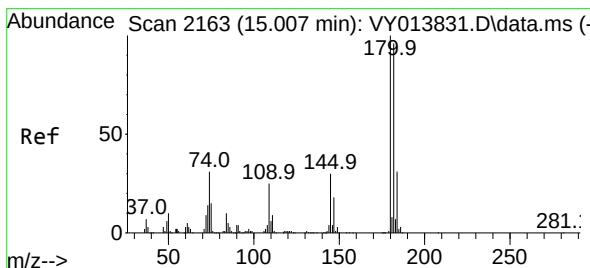
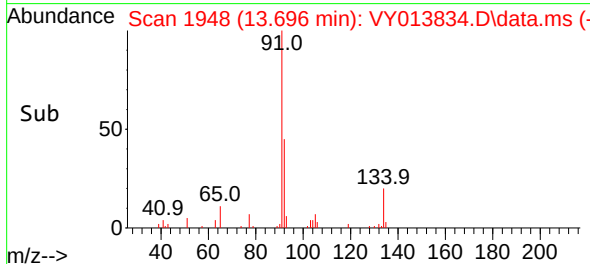
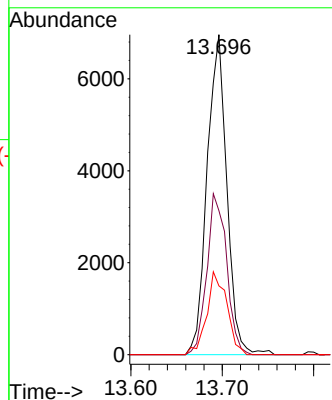
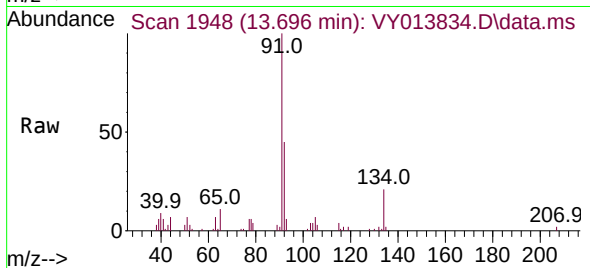




#89
n-Butylbenzene
Concen: 1.058 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

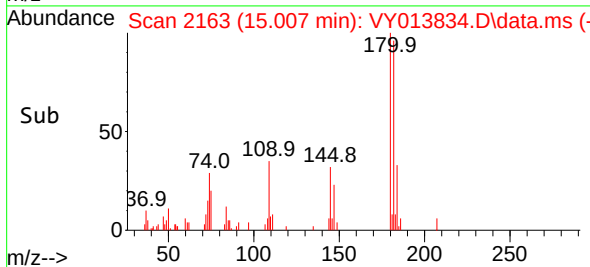
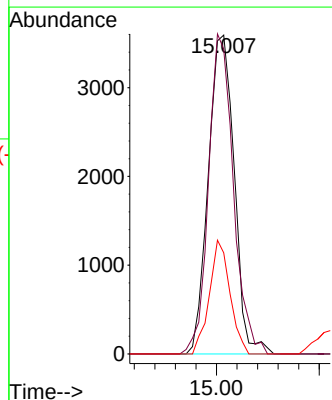
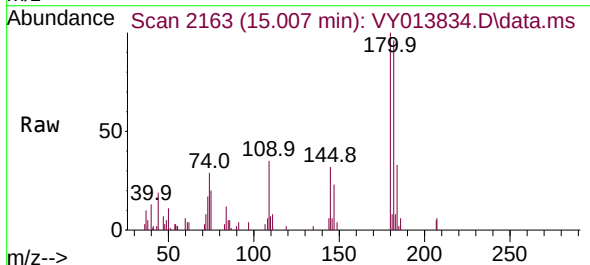
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

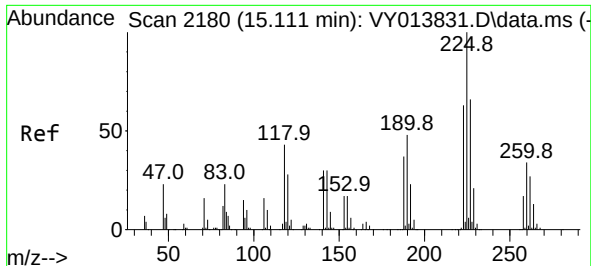
Tgt Ion:	91	Resp:	10410
Ion	Ratio	Lower	Upper
91	100		
92	50.4	25.6	76.6
134	26.5	13.0	38.9



#93
1,2,4-Trichlorobenzene
Concen: 2.069 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

Tgt Ion:	180	Resp:	6282
Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.3
145	28.4	14.8	44.4

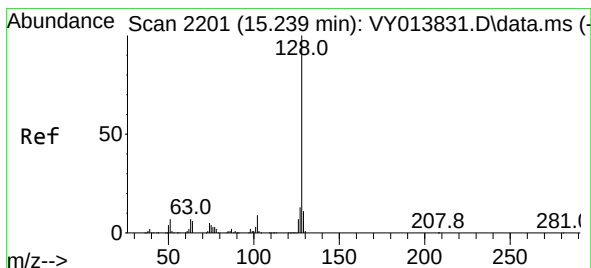
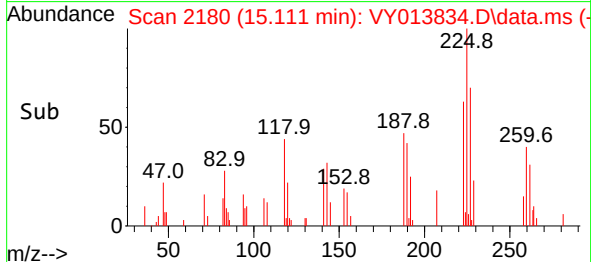
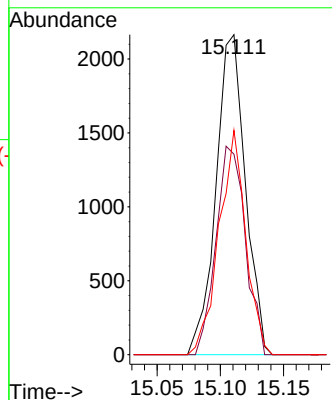
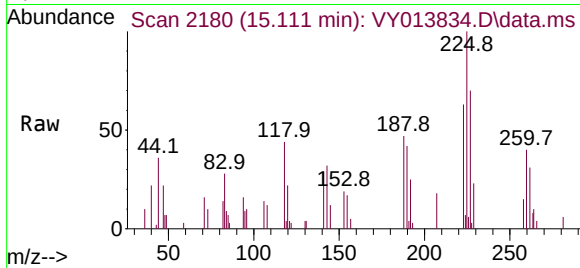




#94
Hexachlorobutadiene
Concen: 1.830 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

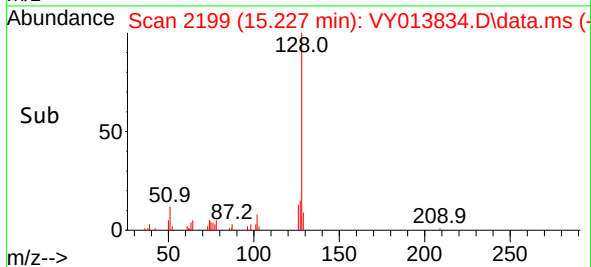
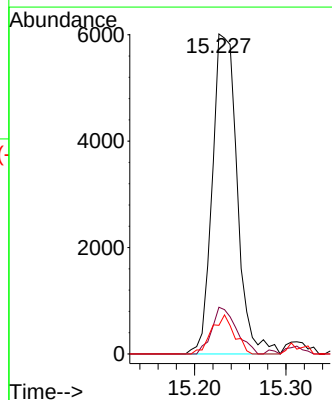
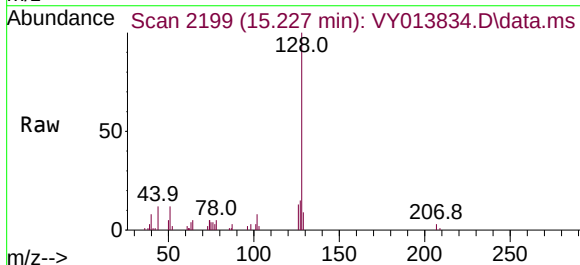
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

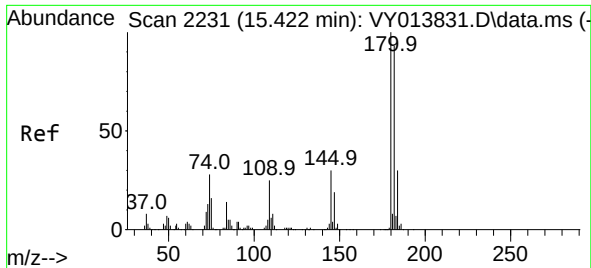
Tgt Ion:225 Resp: 3502
Ion Ratio Lower Upper
225 100
223 64.9 31.3 93.9
227 63.6 32.9 98.6



#95
Naphthalene
Concen: 6.096 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY013834.D
Acq: 23 May 2023 13:38

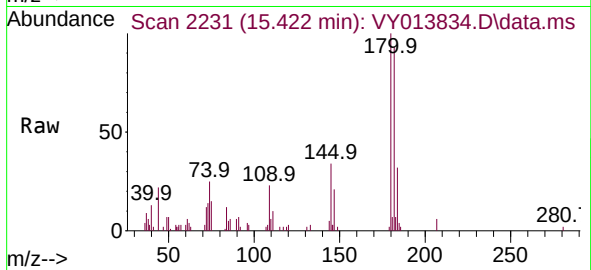
Tgt Ion:128 Resp: 11346
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 11.1 9.0 13.4





#96
 1,2,3-Trichlorobenzene
 Concen: 2.438 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY013834.D
 Acq: 23 May 2023 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:	180	Resp:	6582
Ion	Ratio	Lower	Upper
180	100		
182	101.6	47.4	142.2
145	31.8	15.5	46.5

