

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013843.D
 Acq On : 24 May 2023 14:01
 Operator : KP/MD
 Sample : 02899-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06B

Quant Time: May 25 07:08:17 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)

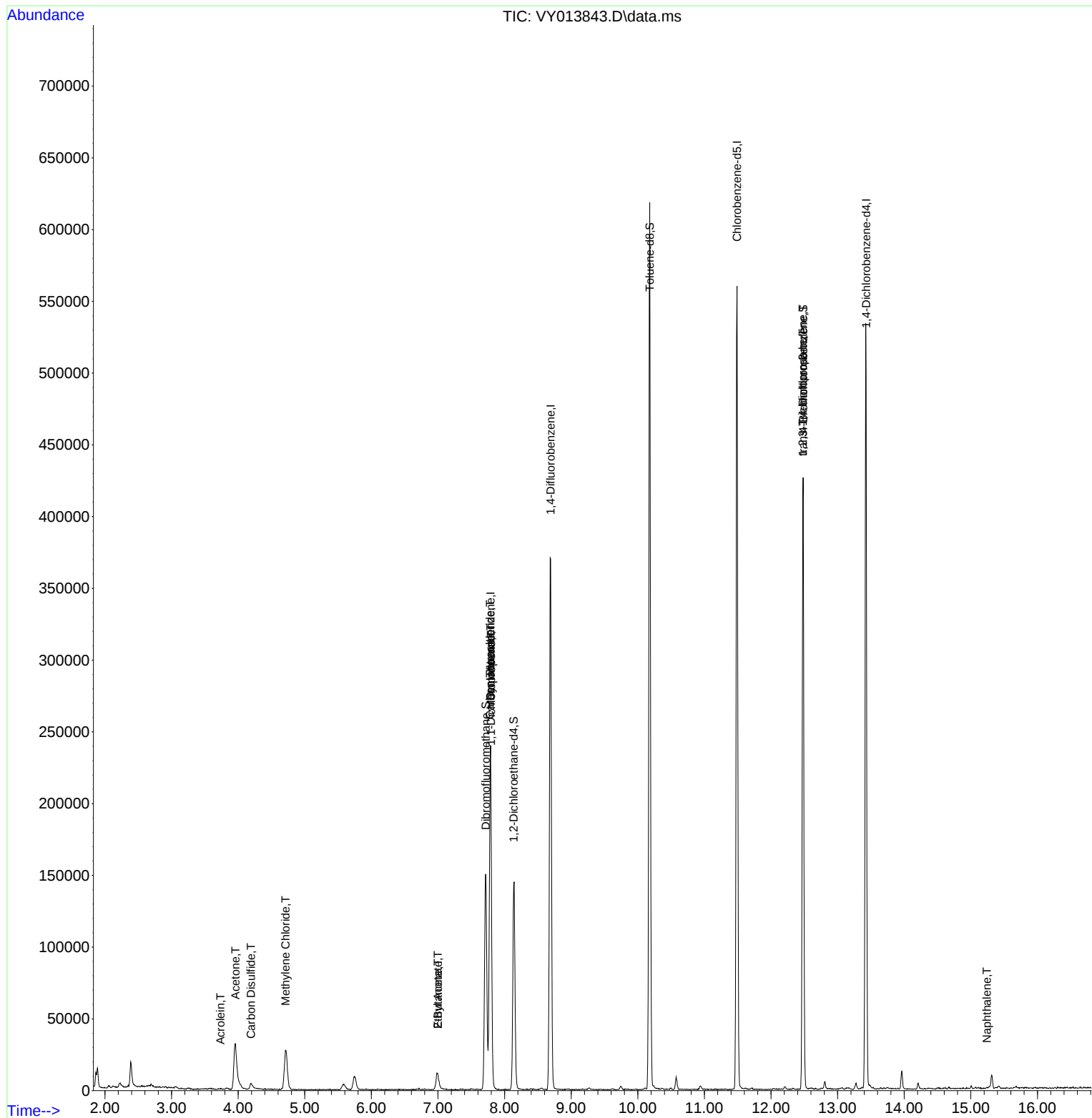
Internal Standards						
1) Pentafluorobenzene	7.789	168	184007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	313807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116652	54.798	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.600%			
35) Dibromofluoromethane	7.716	113	105320	51.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.940%			
50) Toluene-d8	10.179	98	382957	49.719	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.483	95	121975	47.641	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.280%			
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	698	2.845	ug/l #	49
16) Acetone	3.960	43	71572	113.279	ug/l	99
17) Carbon Disulfide	4.192	76	7666	1.427	ug/l #	90
20) Methylene Chloride	4.710	84	20561	6.993	ug/l	95
25) 2-Butanone	6.996	43	20426	26.494	ug/l	95
31) Cyclohexane	7.789	56	4385	1.341	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	14346	4.648	ug/l #	51
37) Ethyl Acetate	6.996	43	20426	10.848	ug/l #	71
38) Carbon Tetrachloride	7.783	117	18326	5.221	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	66189	41.783	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66189	90.699	ug/l #	10
95) Naphthalene	15.239	128	980	4.704	ug/l #	93

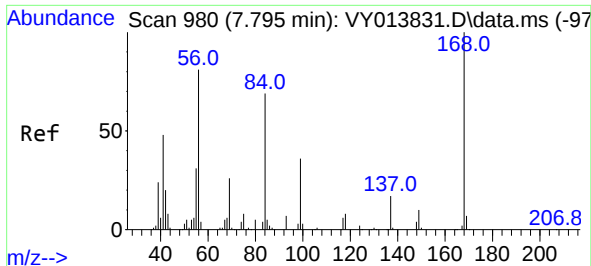
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 24 05:25:47 2023
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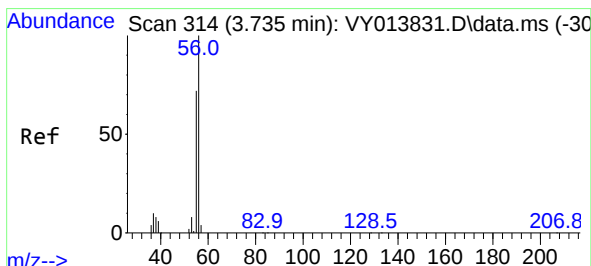
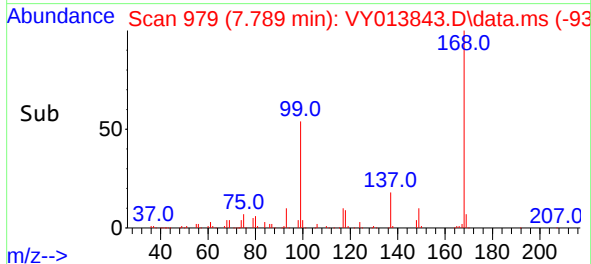
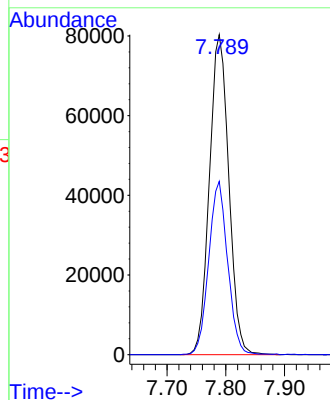
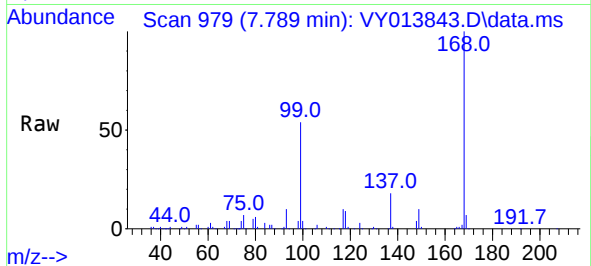




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

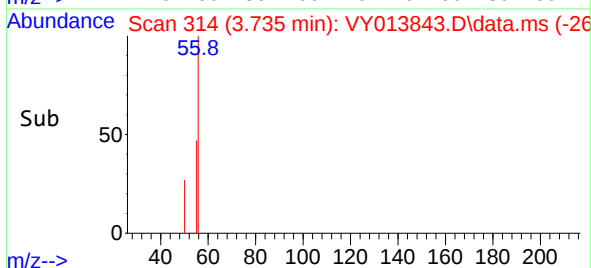
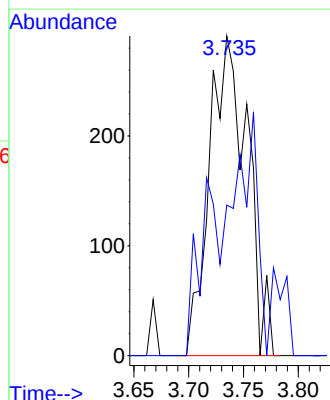
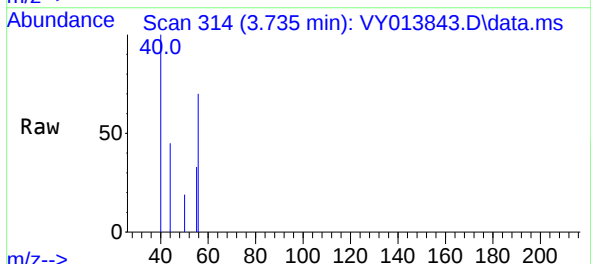
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

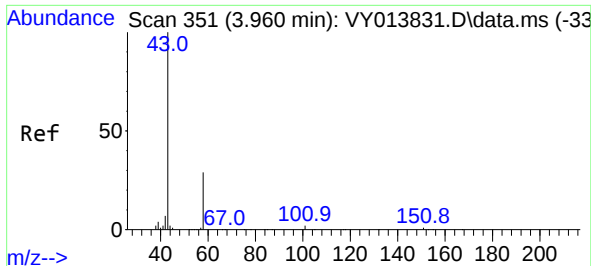
Tgt Ion:168 Resp: 184007
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.2



#13
Acrolein
Concen: 2.845 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 56 Resp: 698
Ion Ratio Lower Upper
56 100
55 28.7 56.2 84.2#

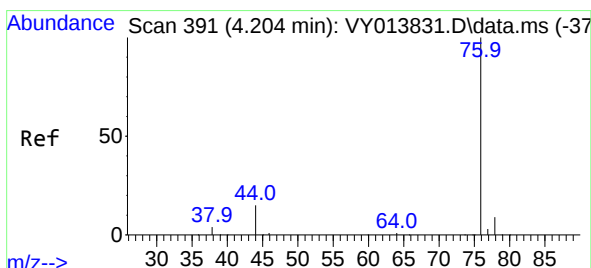
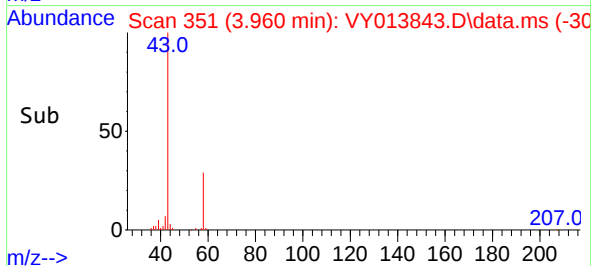
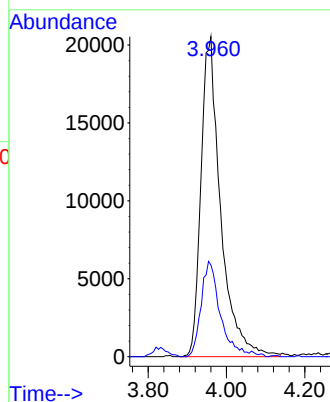
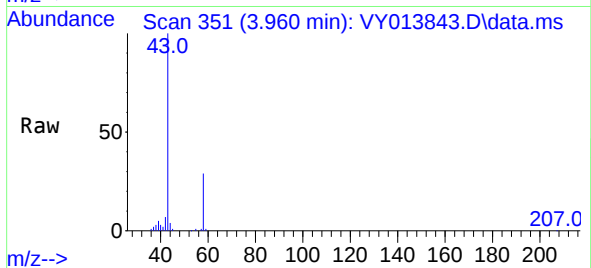




#16
Acetone
Concen: 113.279 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

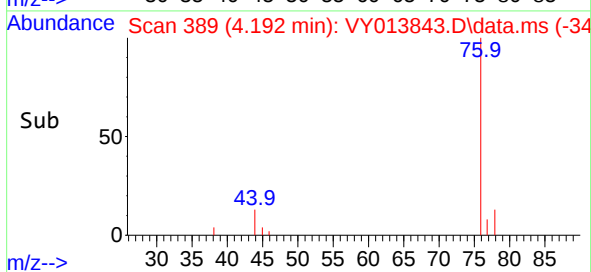
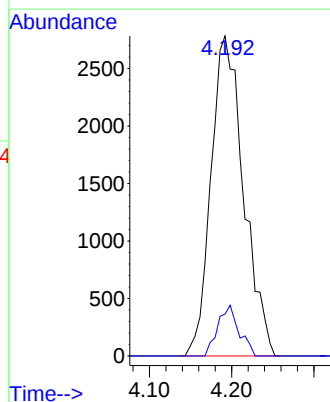
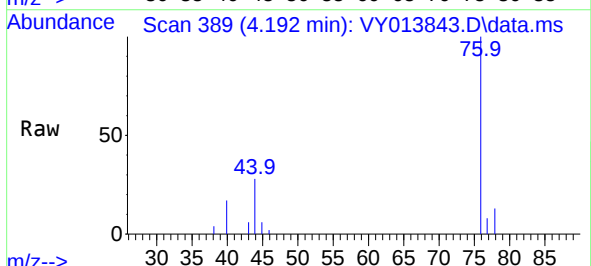
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

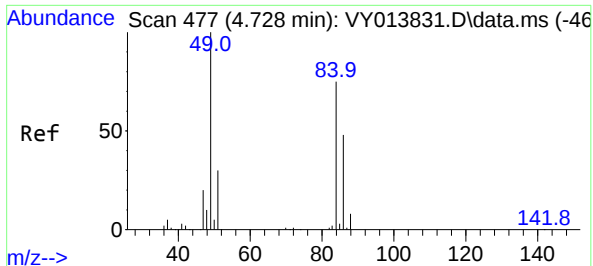
Tgt Ion: 43 Resp: 71572
Ion Ratio Lower Upper
43 100
58 28.7 23.3 34.9



#17
Carbon Disulfide
Concen: 1.427 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.012 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

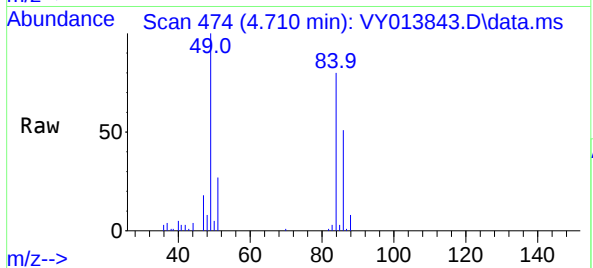
Tgt Ion: 76 Resp: 7666
Ion Ratio Lower Upper
76 100
78 13.0 7.5 11.3#





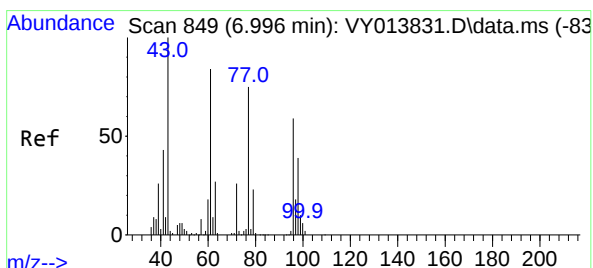
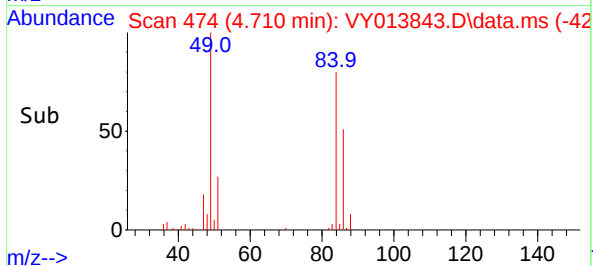
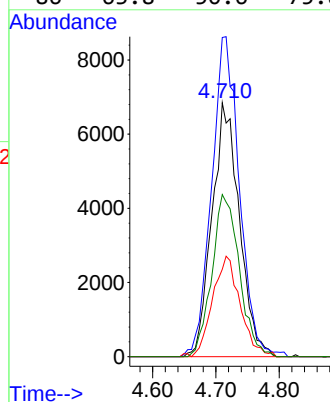
#20
Methylene Chloride
Concen: 6.993 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SB06B



Tgt Ion: 84 Resp: 20561

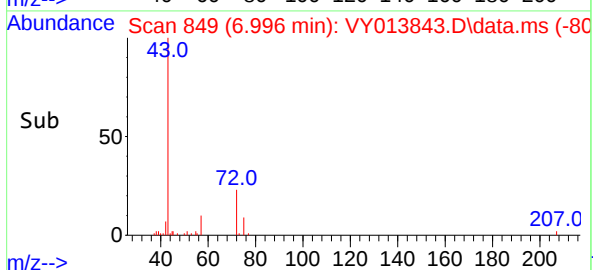
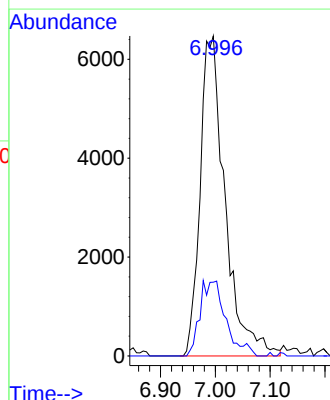
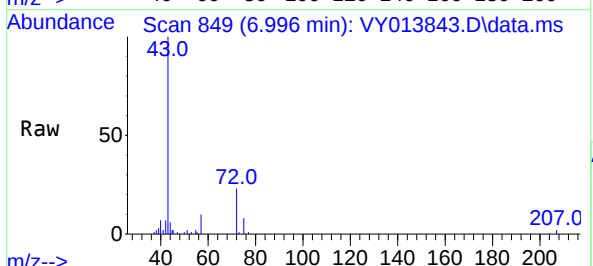
Ion	Ratio	Lower	Upper
84	100		
49	125.7	106.2	159.2
51	34.4	31.4	47.0
86	63.8	50.6	75.8

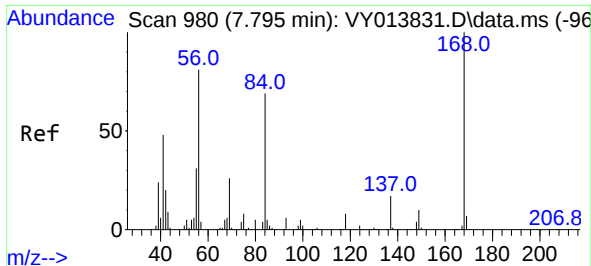


#25
2-Butanone
Concen: 26.494 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 43 Resp: 20426

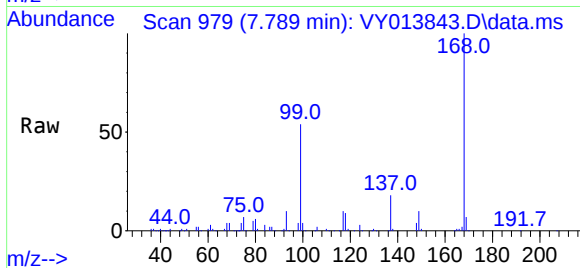
Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.5	30.7



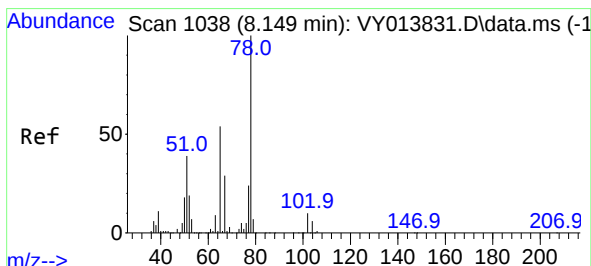
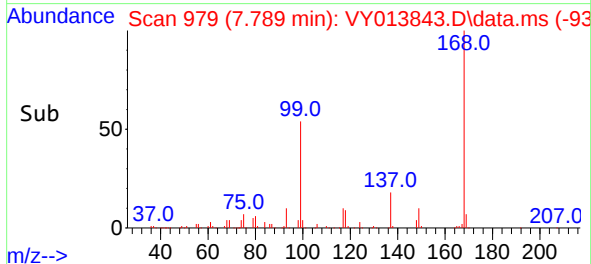
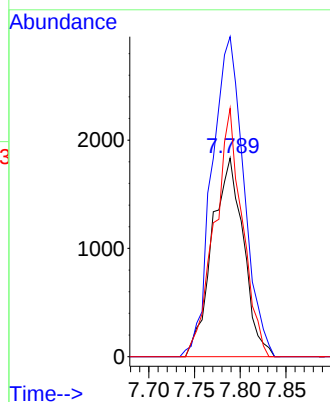


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SB06B

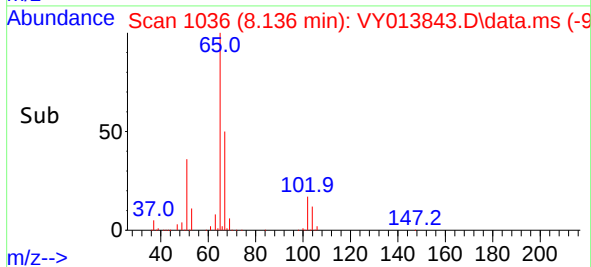
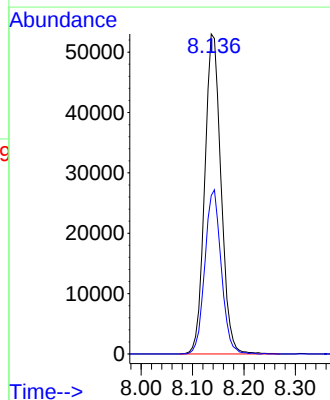
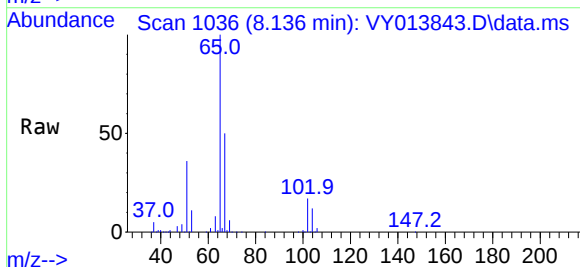


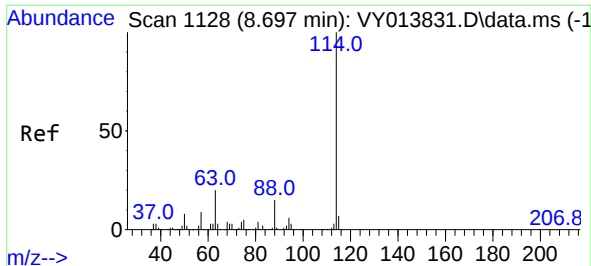
Tgt Ion: 56 Resp: 4385
Ion Ratio Lower Upper
56 100
69 161.0 25.8 38.8#
84 124.9 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 54.798 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 65 Resp: 116652
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

SB06B

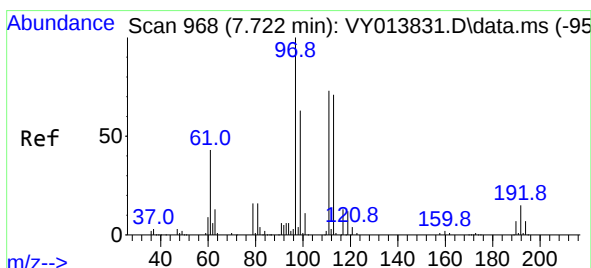
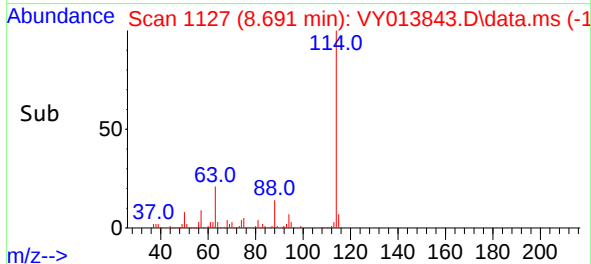
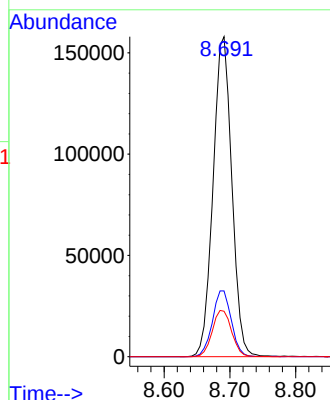
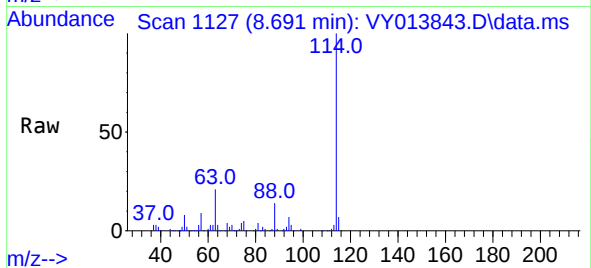
Tgt Ion:114 Resp: 313807

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.969 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

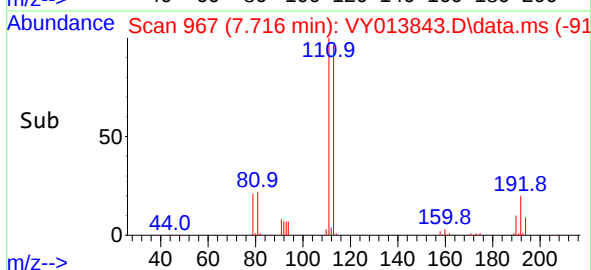
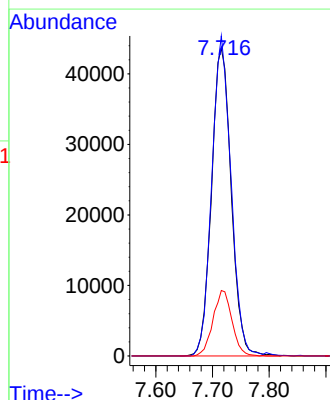
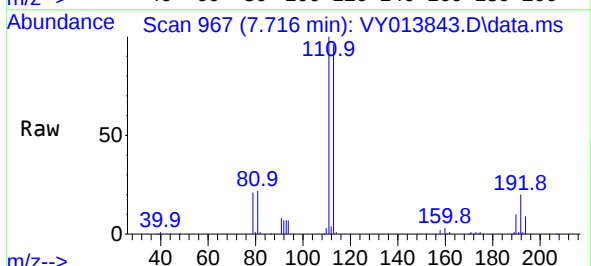
Tgt Ion:113 Resp: 105320

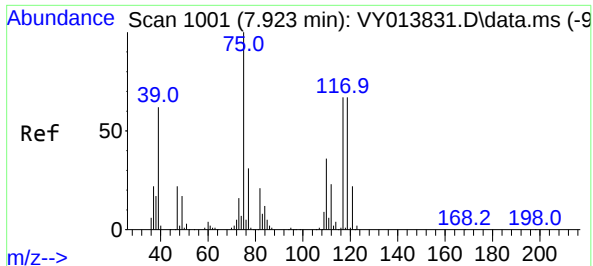
Ion Ratio Lower Upper

113 100

111 101.1 80.4 120.6

192 20.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

SB06B

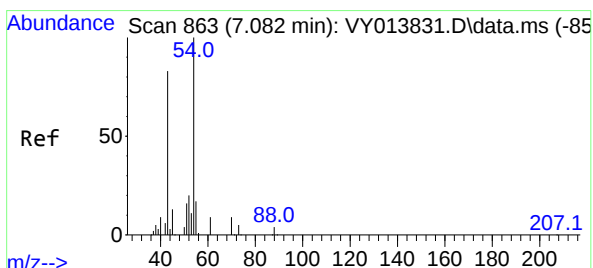
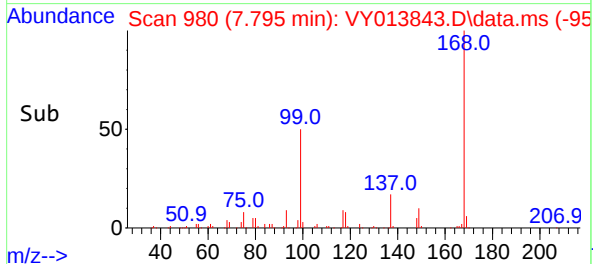
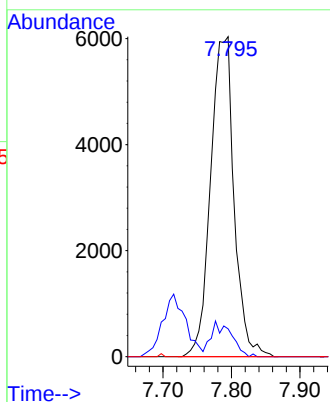
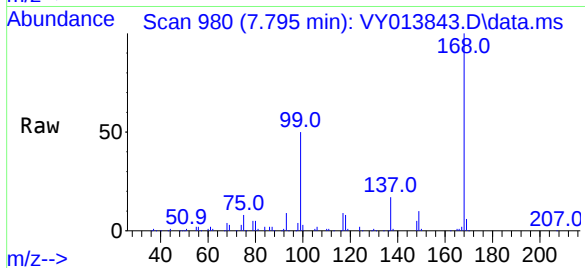
Tgt Ion: 75 Resp: 14346

Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.6#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 10.848 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.085 min

Lab File: VY013843.D

Acq: 24 May 2023 14:01

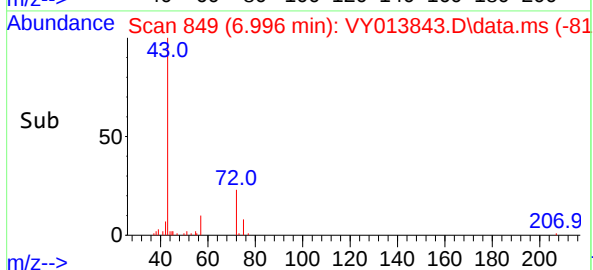
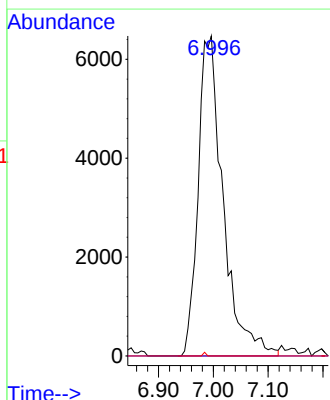
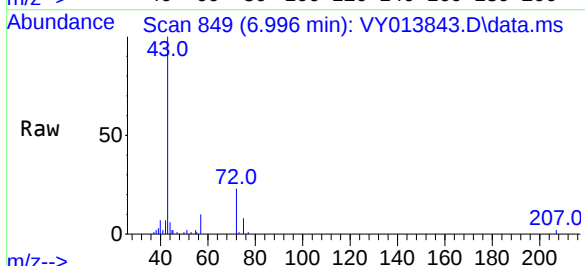
Tgt Ion: 43 Resp: 20426

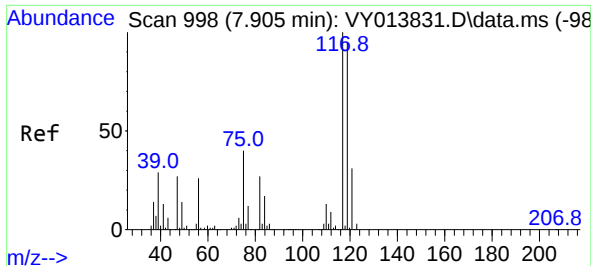
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.1 6.9 10.3#

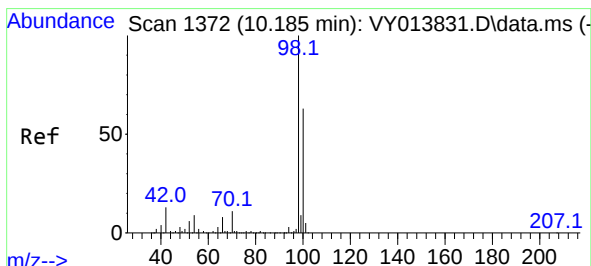
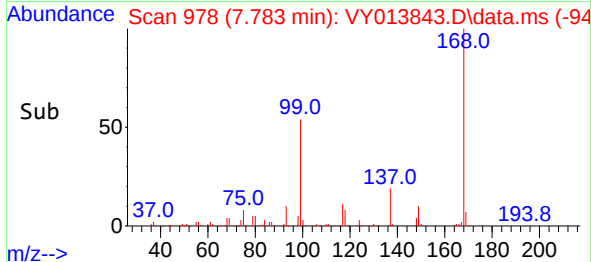
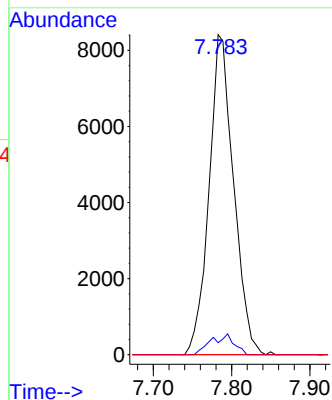
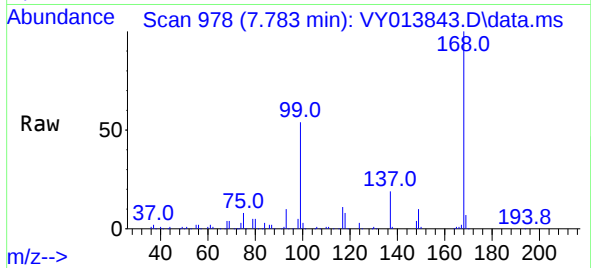




#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

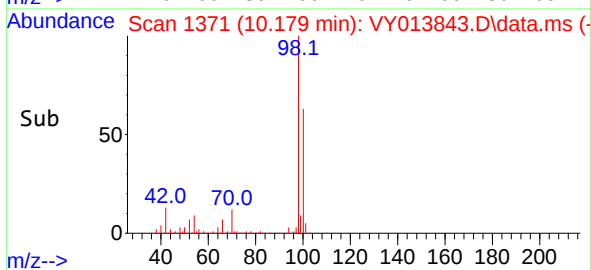
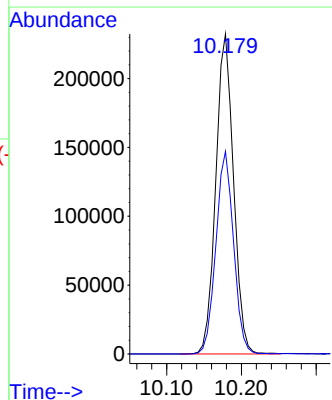
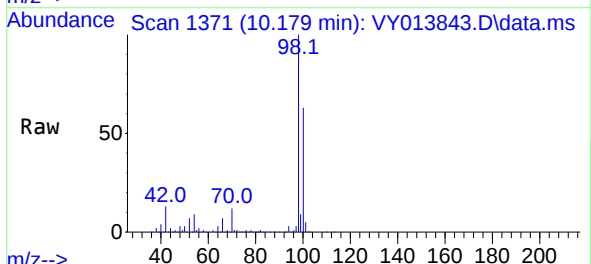
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

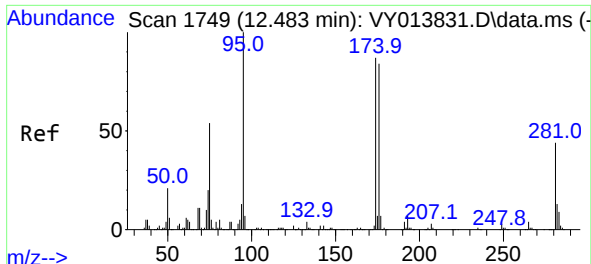
Tgt Ion:117 Resp: 18326
Ion Ratio Lower Upper
117 100
119 3.8 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 98 Resp: 382957
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2

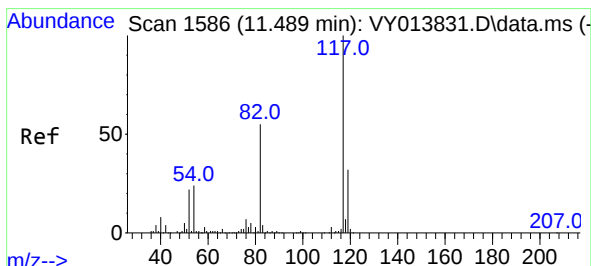
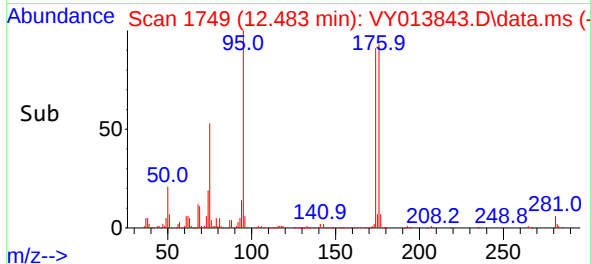
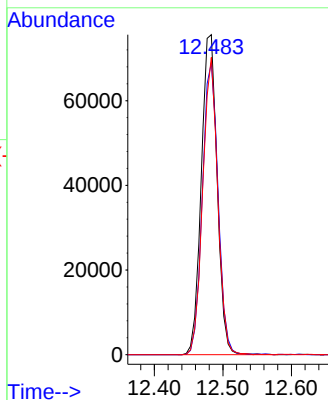
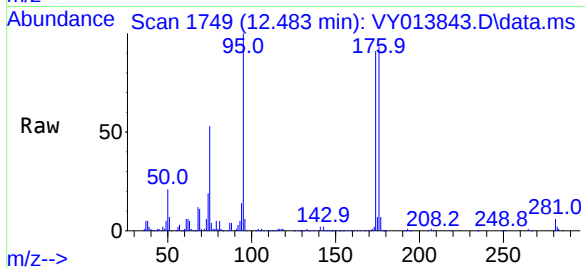




#62
4-Bromofluorobenzene
Concen: 47.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

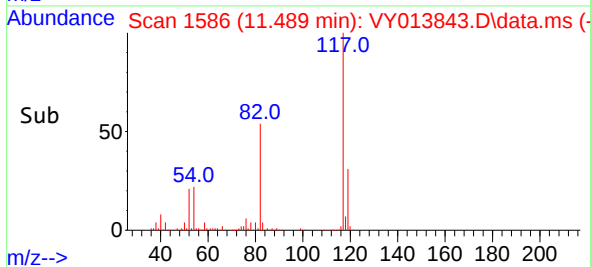
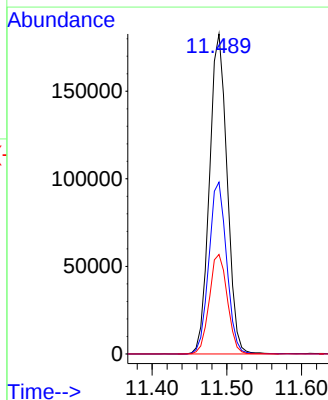
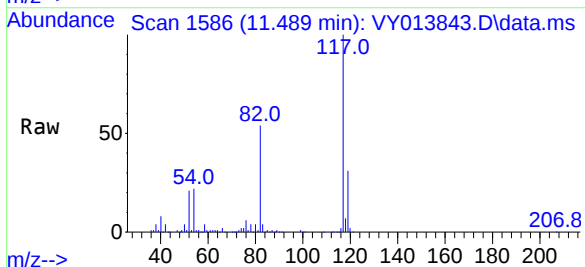
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

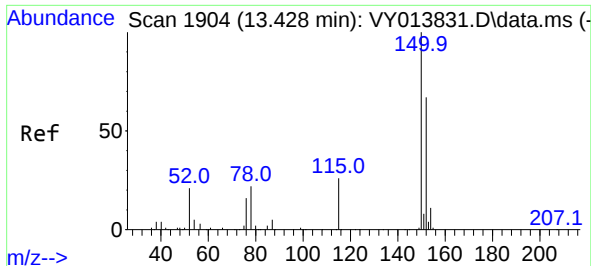
Tgt Ion: 95 Resp: 121975
Ion Ratio Lower Upper
95 100
174 90.0 0.0 176.0
176 88.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 117 Resp: 299995
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 31.1 25.7 38.5

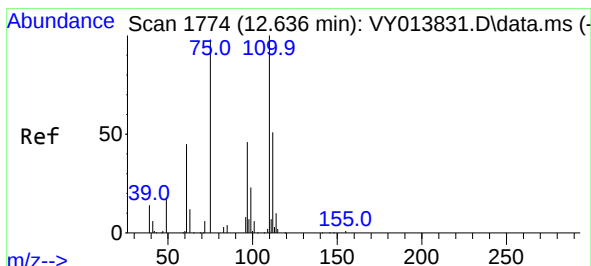
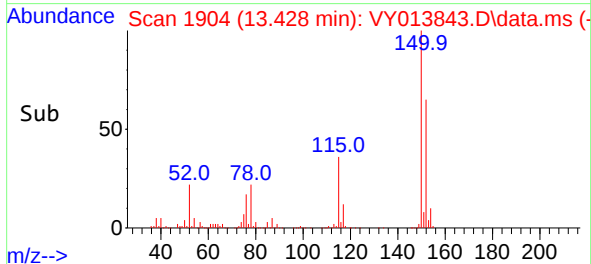
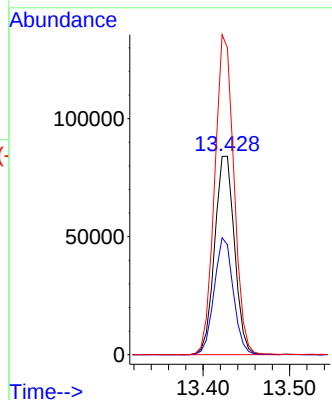
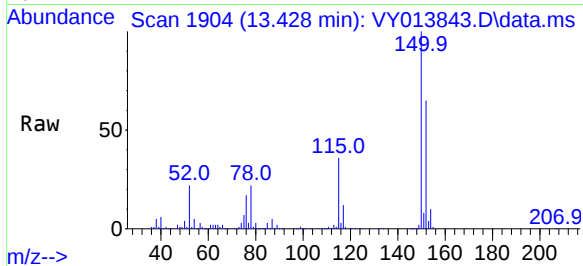




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

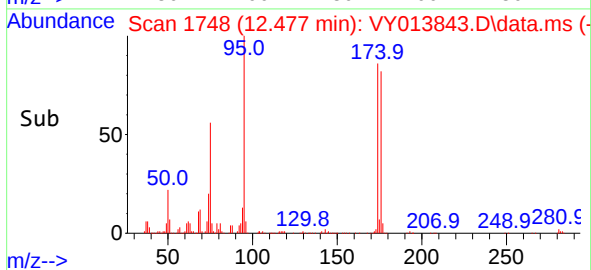
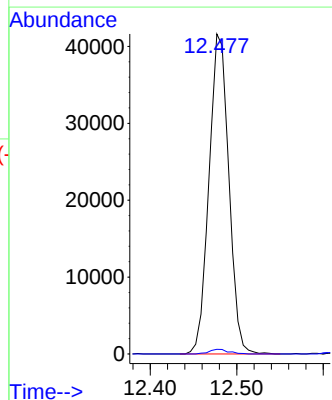
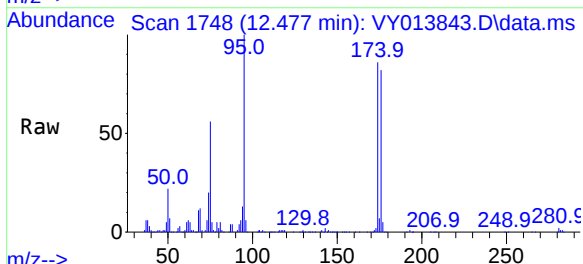
Instrument :
MSVOA_Y
ClientSampleId :
SB06B

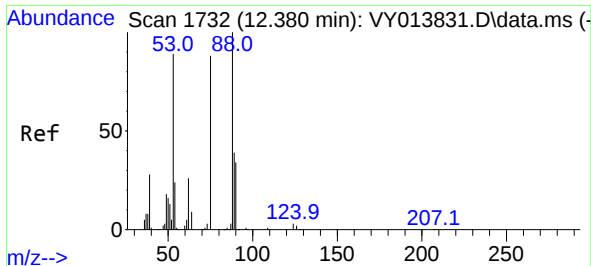
Tgt Ion:152 Resp: 134344
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 156.2 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 41.783 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 75 Resp: 66189
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

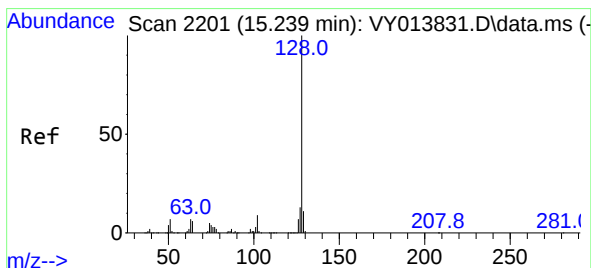
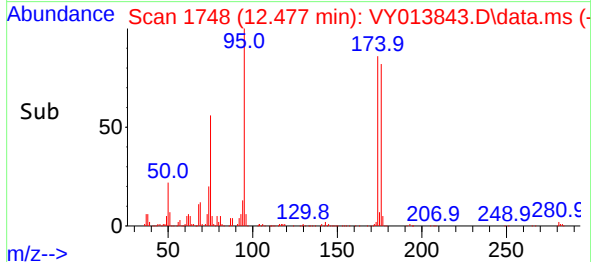
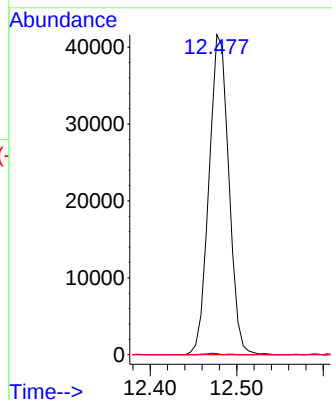
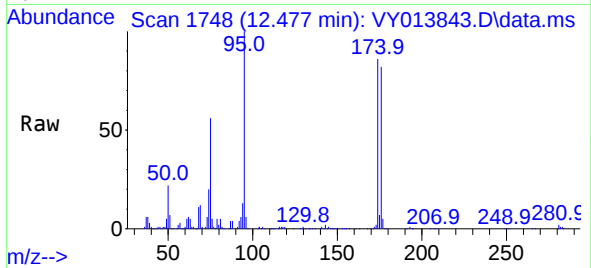




#81
trans-1,4-Dichloro-2-butene
Concen: 90.699 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
SB06B

Tgt Ion: 75 Resp: 66189
Ion Ratio Lower Upper
75 100
53 0.3 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 4.704 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013843.D
Acq: 24 May 2023 14:01

Tgt Ion: 128 Resp: 980
Ion Ratio Lower Upper
128 100
127 12.2 10.7 16.1
129 6.7 9.0 13.4#

