

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014477.D
 Acq On : 28 Jun 2023 13:50
 Operator : KP/MD
 Sample : 03429-01
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-COMP-0627

Quant Time: Jun 29 02:17:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

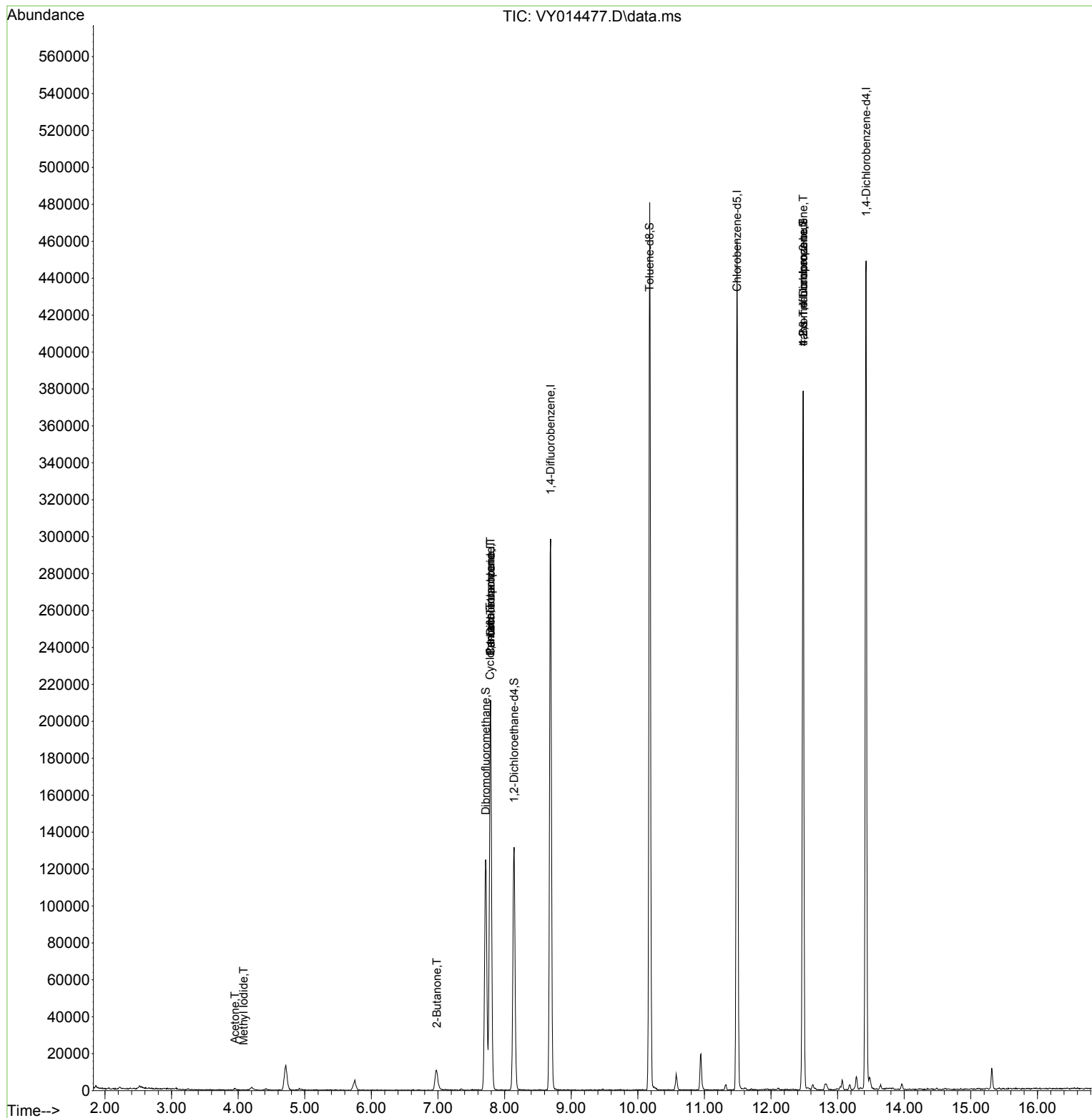
Internal Standards						
1) Pentafluorobenzene	7.789	168	164555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	247548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114576	56.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.160%	
35) Dibromofluoromethane	7.716	113	81981	51.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.179	98	307080	48.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.483	95	100637	44.931	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	19	2.884	ug/l #	38
11) Tert butyl alcohol	4.936	59	455	Below Cal	#	89
16) Acetone	3.954	43	1334	2.075	ug/l	96
20) Methylene Chloride	4.716	84	10070	Below Cal	#	86
25) 2-Butanone	6.984	43	955	1.193	ug/l #	80
31) Cyclohexane	7.783	56	3390	1.343	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	11113	4.569	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15605	5.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	56186	36.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56186	84.158	ug/l #	11

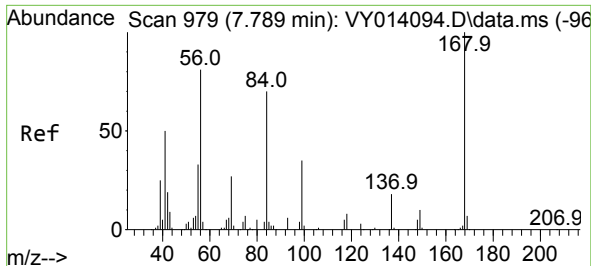
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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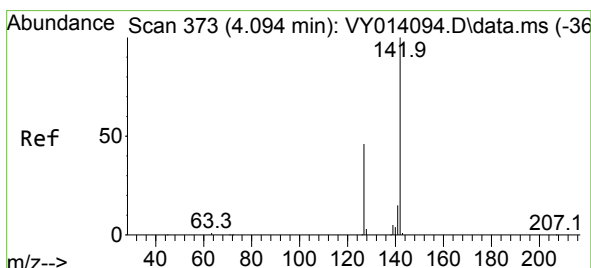
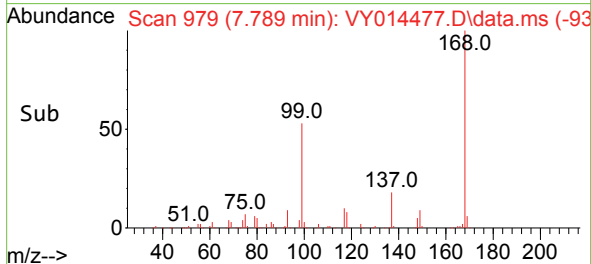
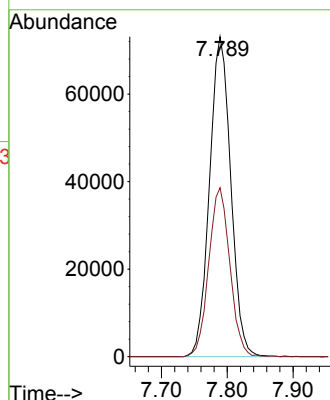
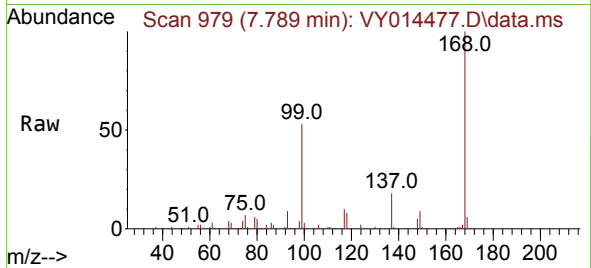




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

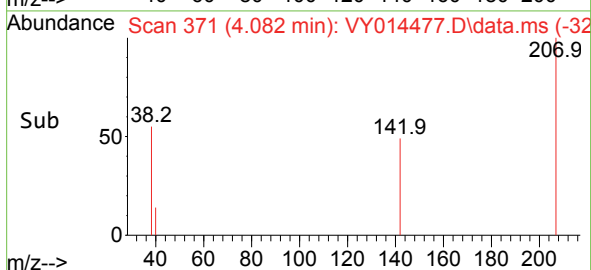
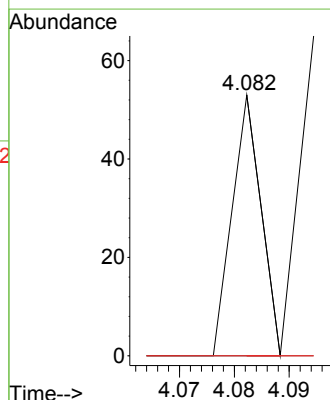
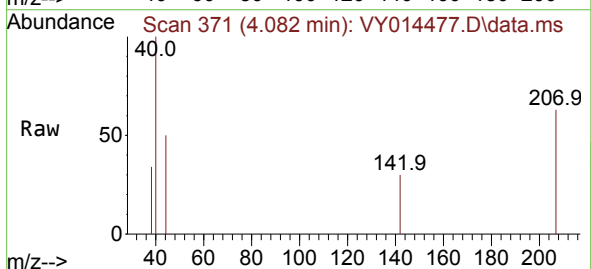
Instrument :
MSVOA_Y
ClientSampleId :
SB-COMP-0627

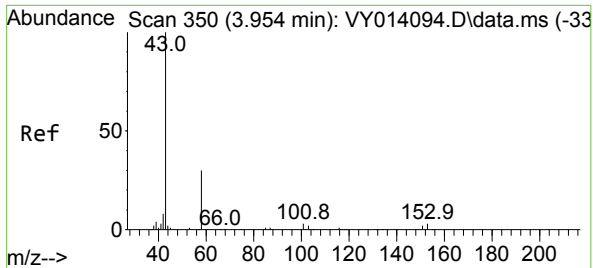
Tgt Ion:168 Resp: 164555
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.884 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

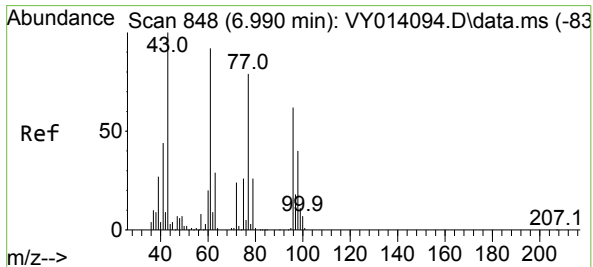
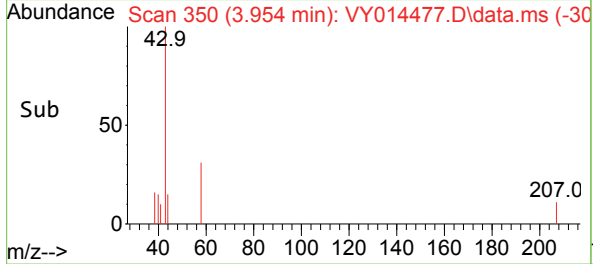
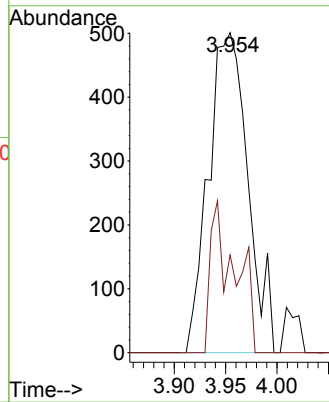
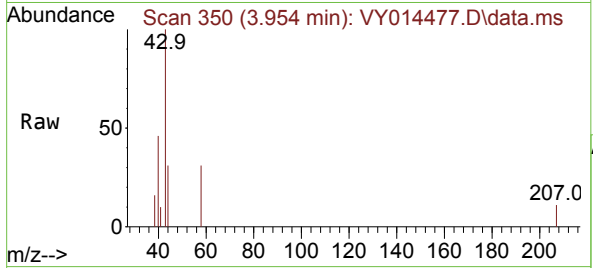




#16
Acetone
Concen: 2.075 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

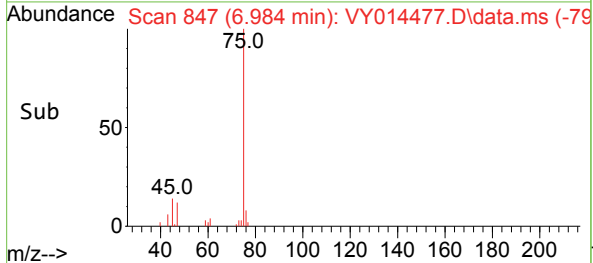
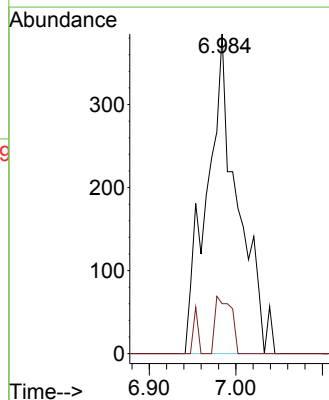
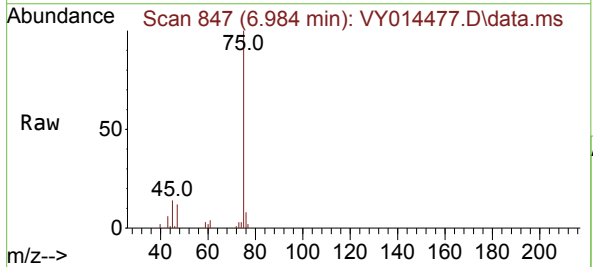
Instrument :
MSVOA_Y
ClientSampleId :
SB-COMP-0627

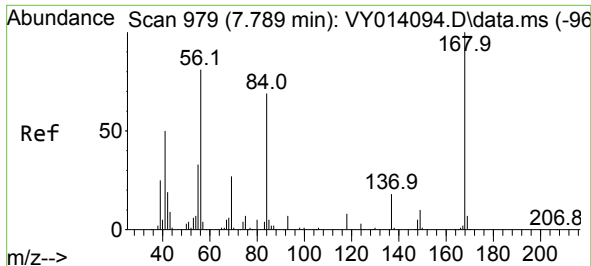
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 30.5 22.7 34.1



#25
2-Butanone
Concen: 1.193 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
72 15.6 20.5 30.7#

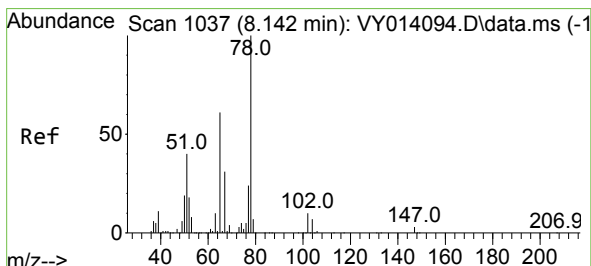
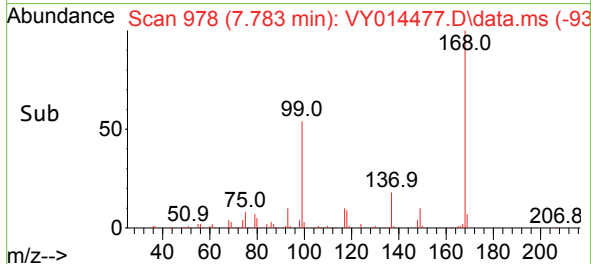
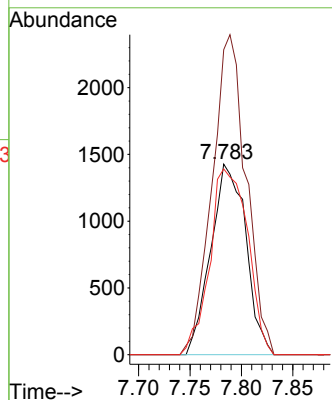
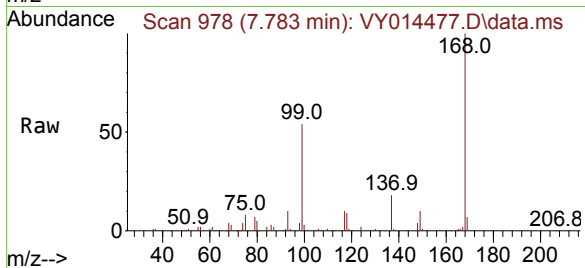




#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

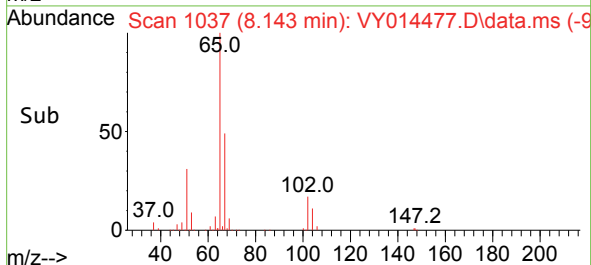
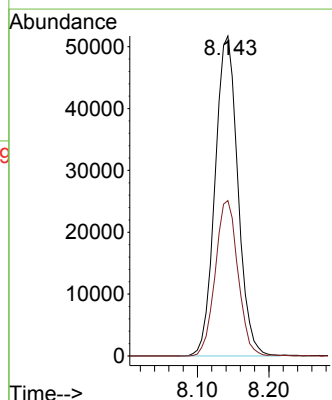
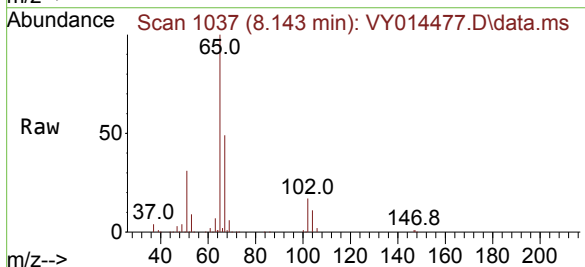
Instrument :
MSVOA_Y
ClientSampleId :
SB-COMP-0627

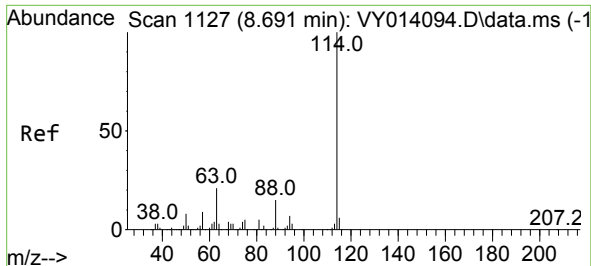
Tgt Ion: 56 Resp: 3390
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.6#
84 97.5 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 56.080 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Tgt Ion: 65 Resp: 114576
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-COMP-0627

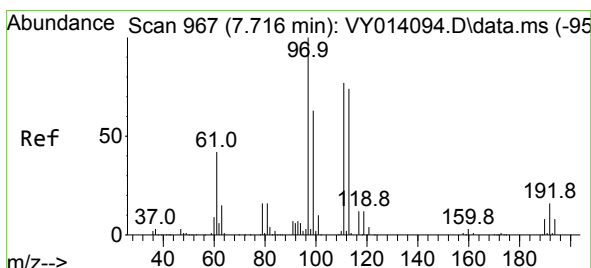
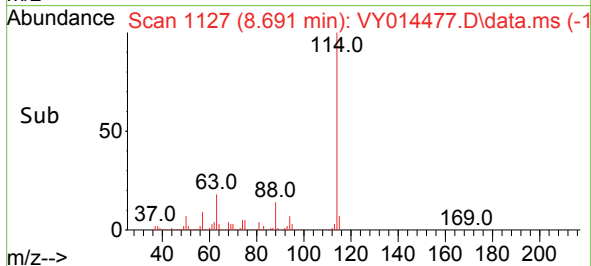
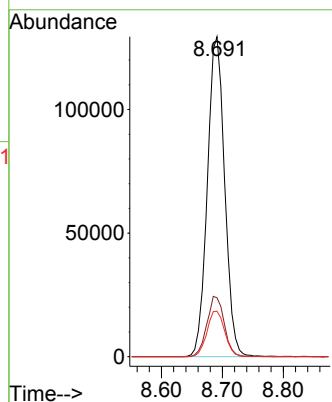
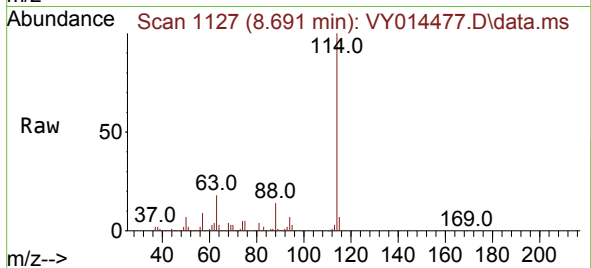
Tgt Ion:114 Resp: 255463

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.942 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

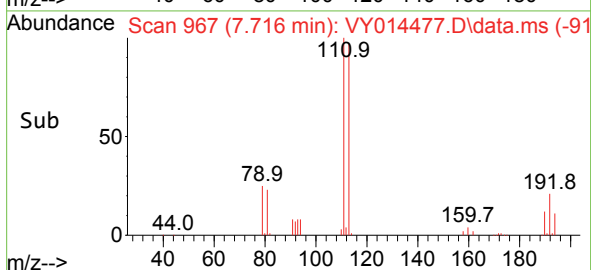
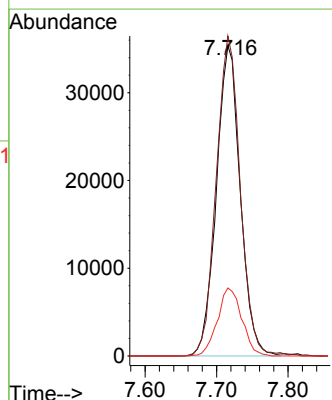
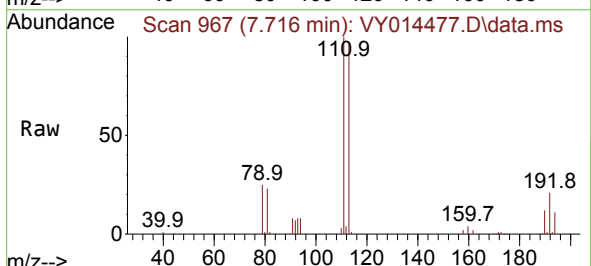
Tgt Ion:113 Resp: 81981

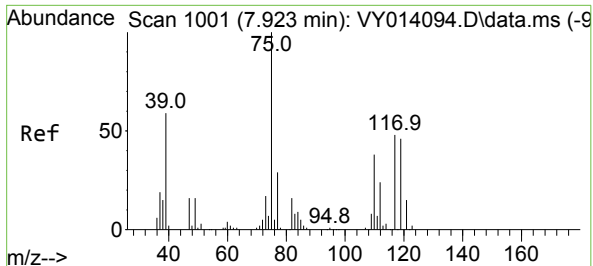
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 22.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.569 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-COMP-0627

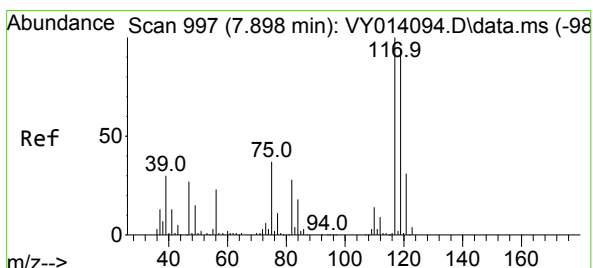
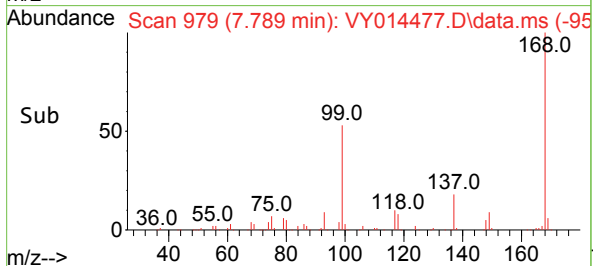
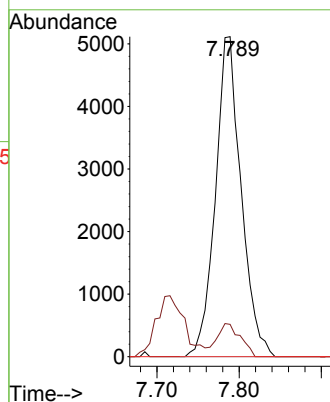
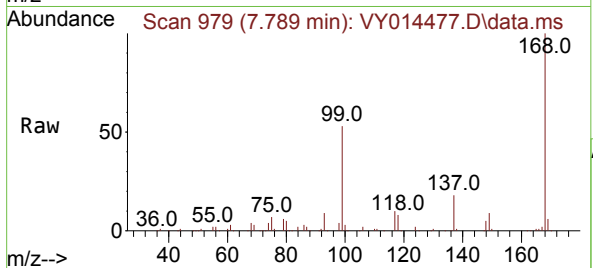
Tgt Ion: 75 Resp: 11113

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.099 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

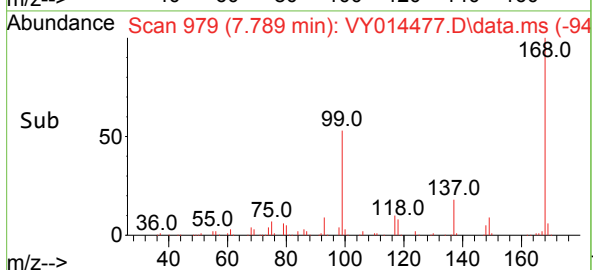
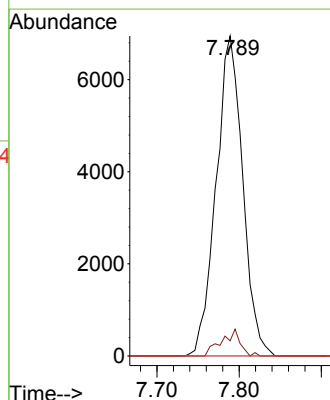
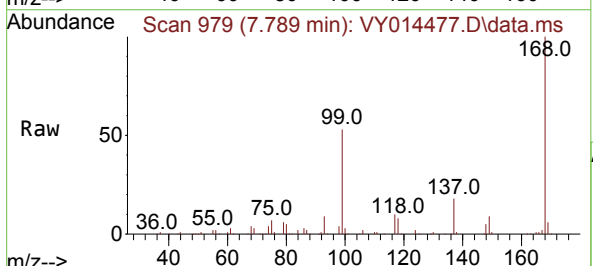
Tgt Ion: 117 Resp: 15605

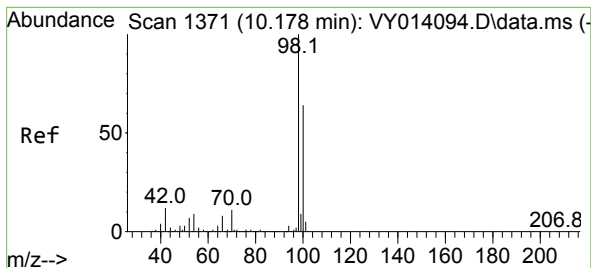
Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#

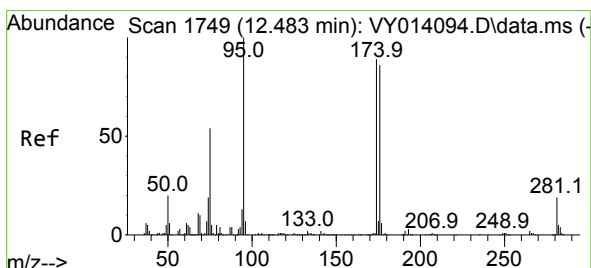
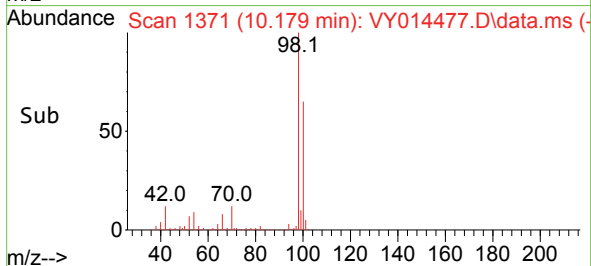
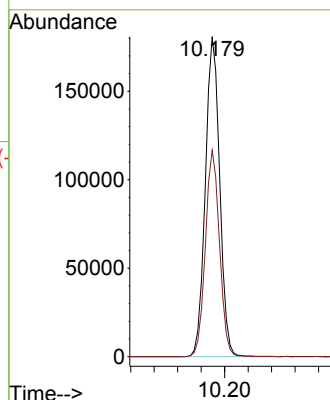
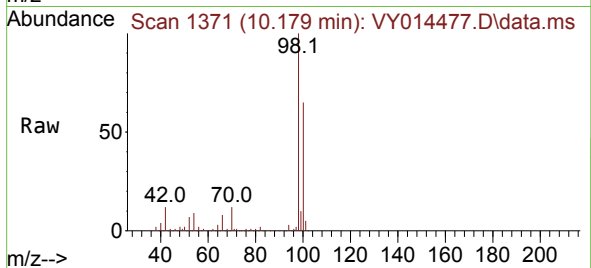




#50
Toluene-d8
Concen: 48.945 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

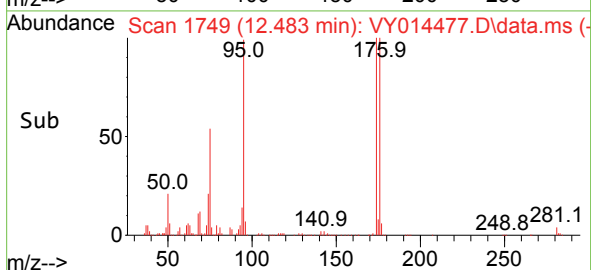
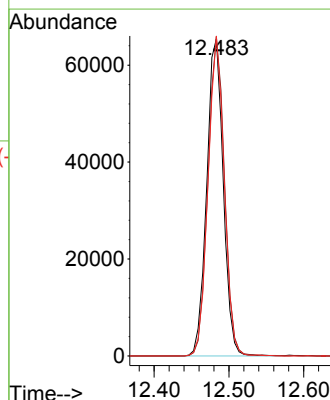
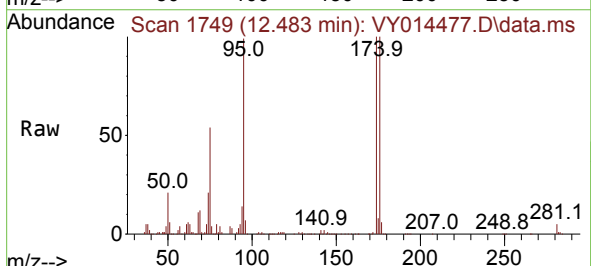
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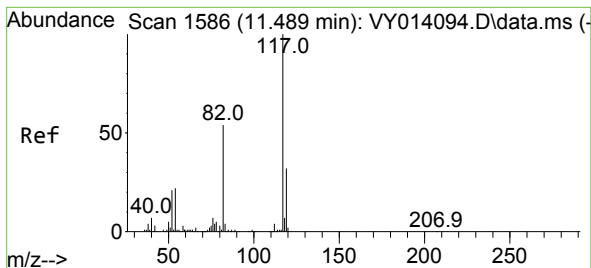
Tgt Ion: 98 Resp: 307080
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.931 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Tgt Ion: 95 Resp: 100637
Ion Ratio Lower Upper
95 100
174 100.5 0.0 178.2
176 98.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-COMP-0627

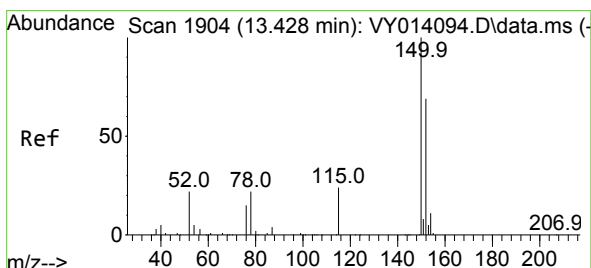
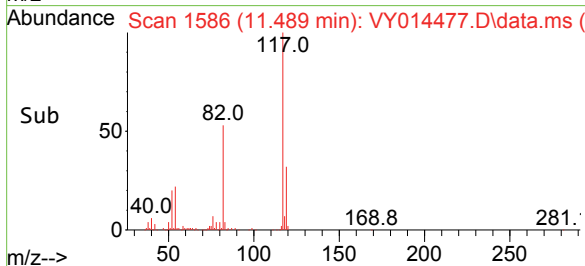
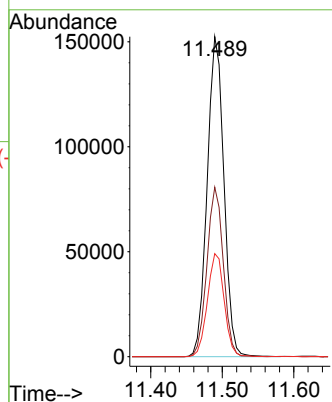
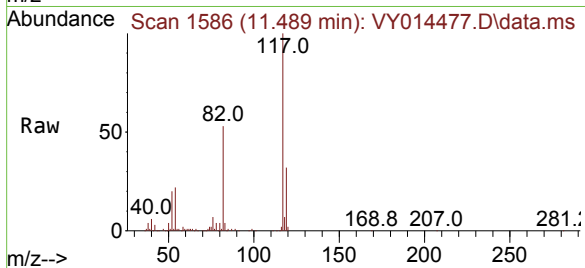
Tgt Ion:117 Resp: 247548

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014477.D

Acq: 28 Jun 2023 13:50

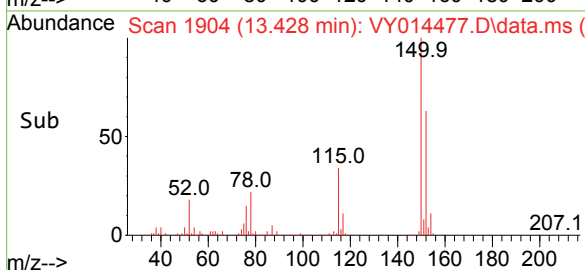
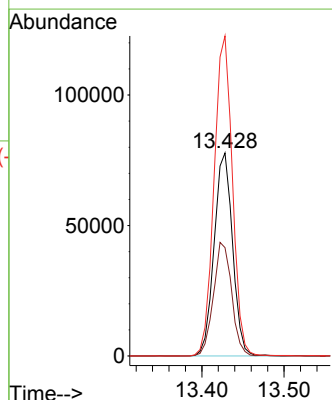
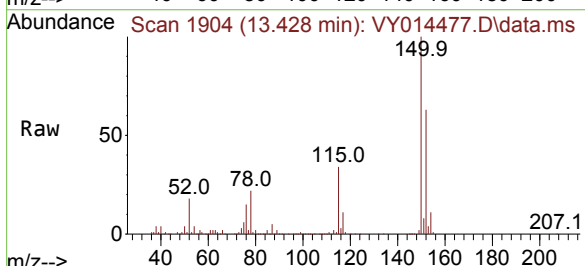
Tgt Ion:152 Resp: 121168

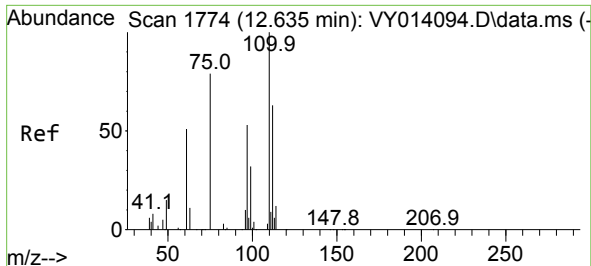
Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 156.9 0.0 348.8

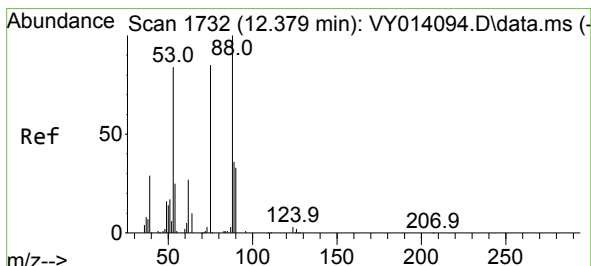
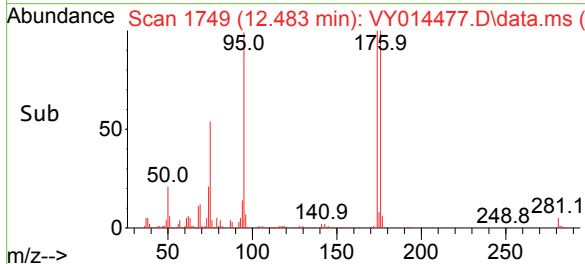
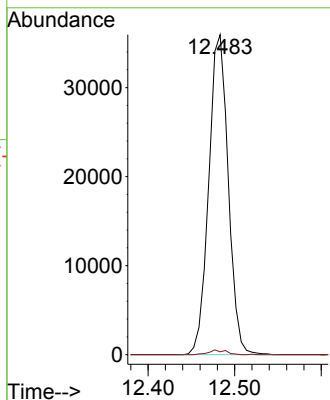
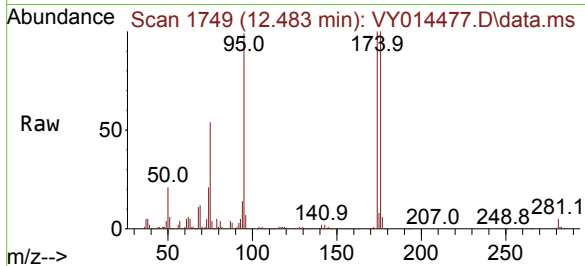




#76
1,2,3-Trichloropropane
Concen: 36.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-COMP-0627

Tgt Ion: 75 Resp: 56186
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014477.D
Acq: 28 Jun 2023 13:50

Tgt Ion: 75 Resp: 56186
Ion Ratio Lower Upper
75 100
53 0.5 77.8 116.8#
89 0.0 37.4 56.0#

