

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013181.D
 Acq On : 03 Apr 2023 17:19
 Operator : KP/MD
 Sample : 02165-06
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6B

Quant Time: Apr 03 23:11:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

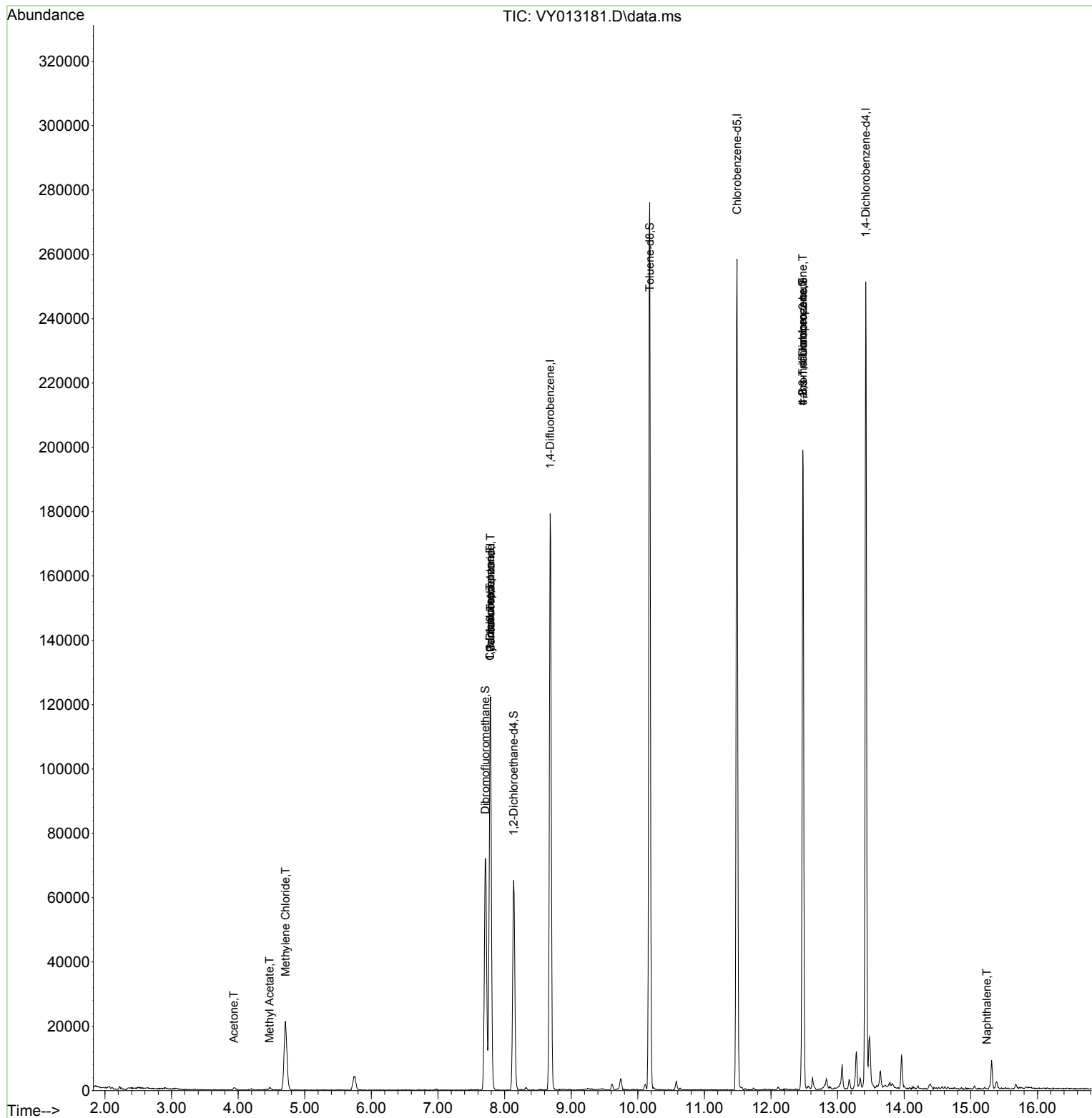
Internal Standards						
1) Pentafluorobenzene	7.789	168	97593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53538	51.046	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.100%		
35) Dibromofluoromethane	7.710	113	50651	50.268	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.540%		
50) Toluene-d8	10.179	98	182454	47.965	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 95.920%		
62) 4-Bromofluorobenzene	12.477	95	57638	46.551	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 93.100%		
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1456	4.540	ug/l #	77
18) Methyl Acetate	4.472	43	1302	1.288	ug/l	91
20) Methylene Chloride	4.710	84	15822	9.994	ug/l	89
31) Cyclohexane	7.783	56	1788	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6583	4.340	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9441	5.641	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	30276	40.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30276	89.551	ug/l #	13
95) Naphthalene	15.239	128	114	3.276	ug/l #	69

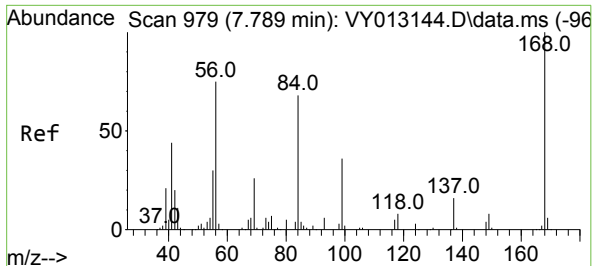
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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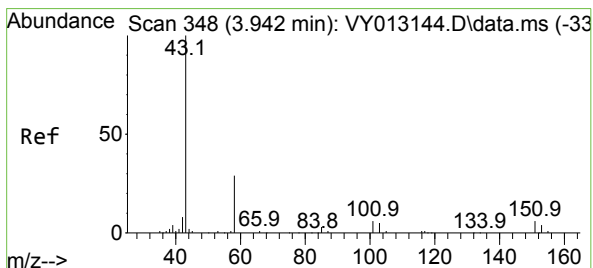
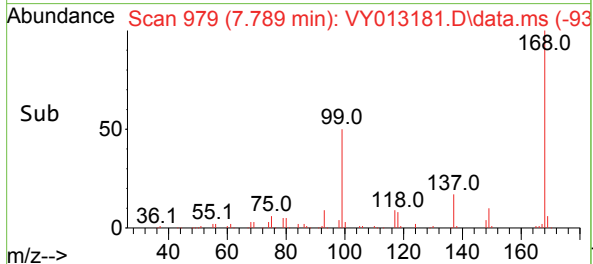
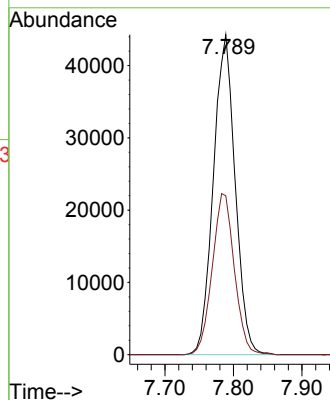
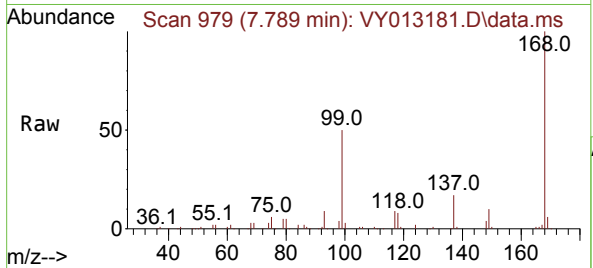




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

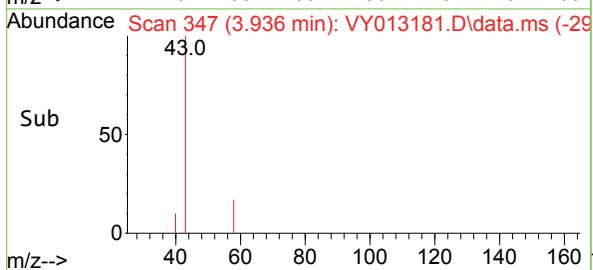
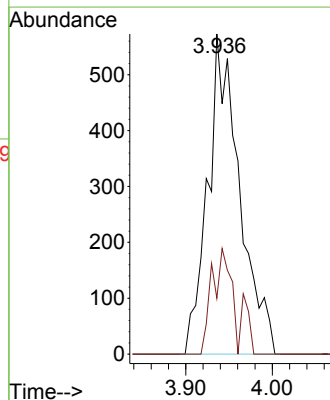
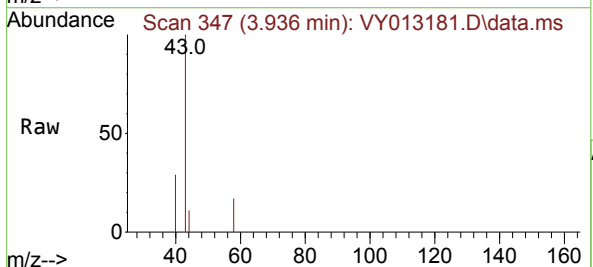
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

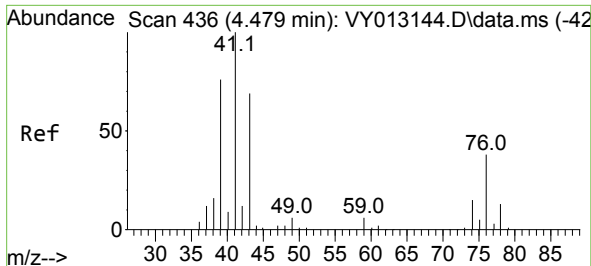
Tgt Ion:168 Resp: 97593
Ion Ratio Lower Upper
168 100
99 49.7 41.7 62.5



#16
Acetone
Concen: 4.540 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 17.5 24.2 36.2#

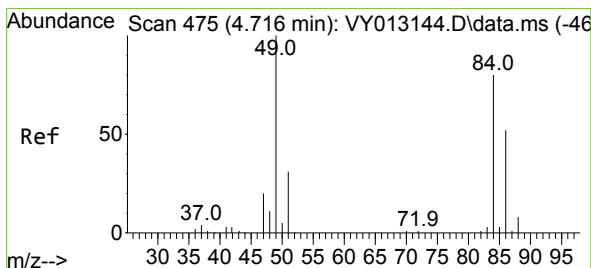
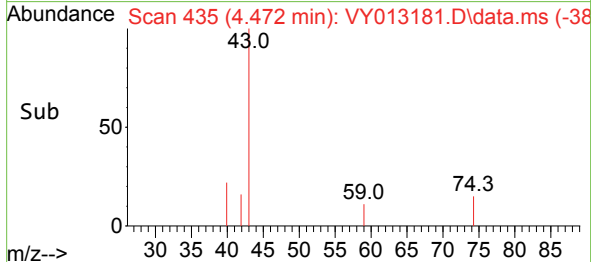
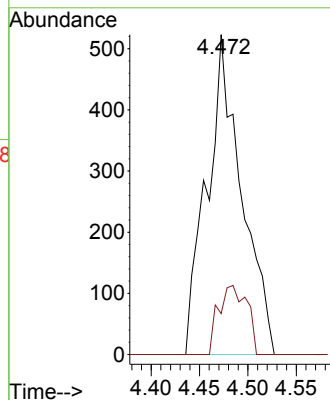
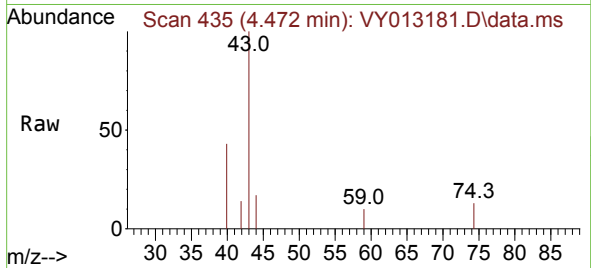




#18
Methyl Acetate
Concen: 1.288 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

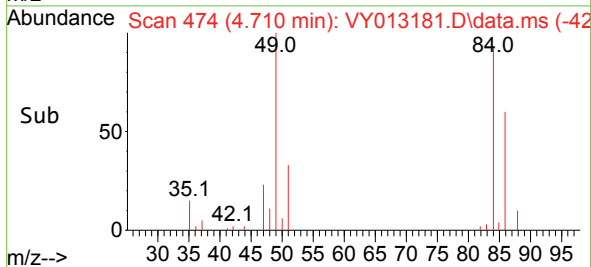
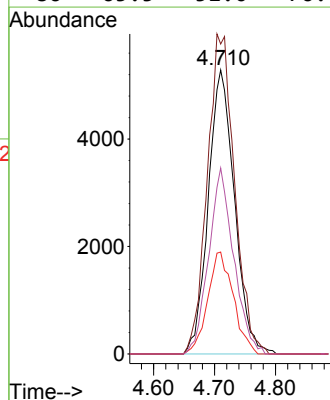
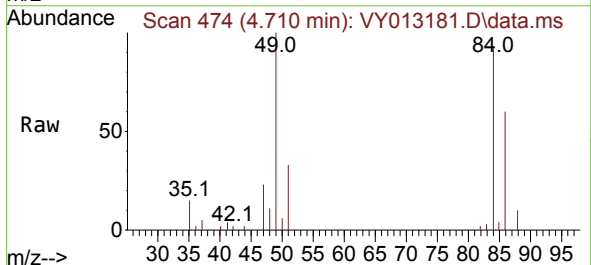
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

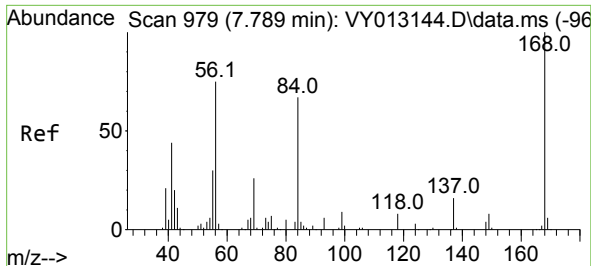
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
74 17.7 17.4 26.0



#20
Methylene Chloride
Concen: 9.994 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 84 Resp: 15822
Ion Ratio Lower Upper
84 100
49 109.1 102.6 154.0
51 35.9 31.9 47.9
86 65.5 51.0 76.6

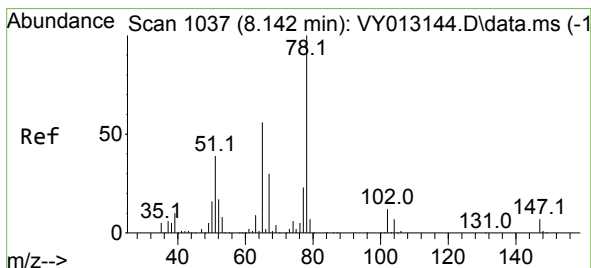
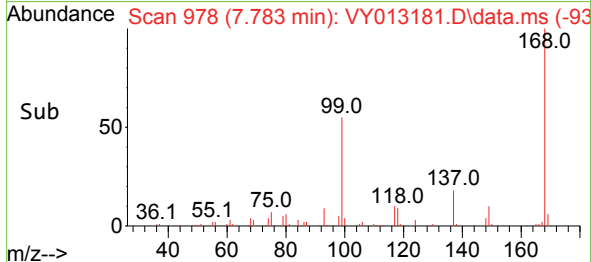
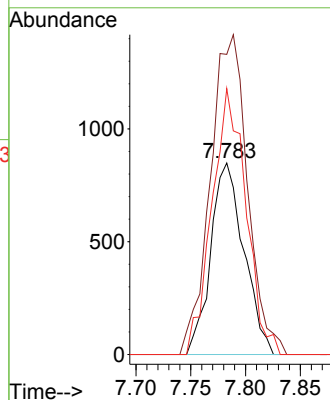
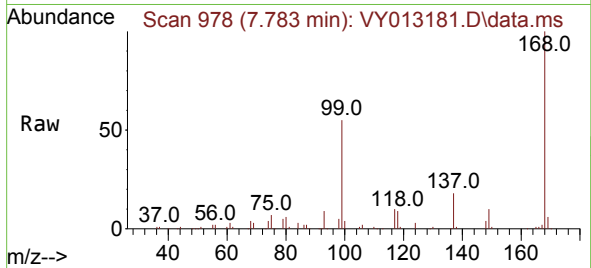




#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

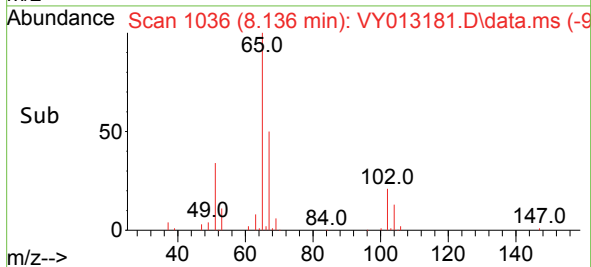
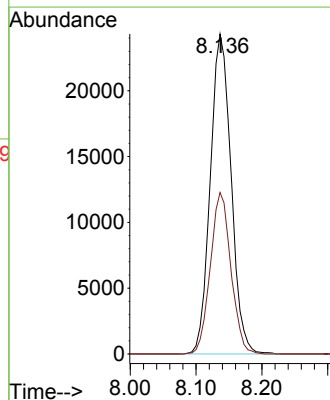
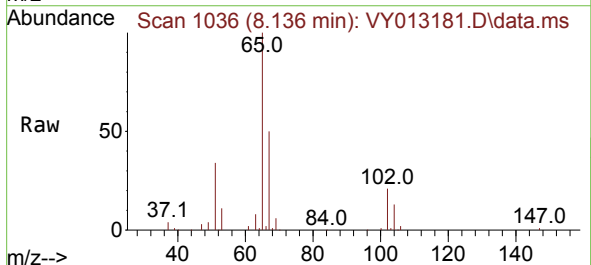
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

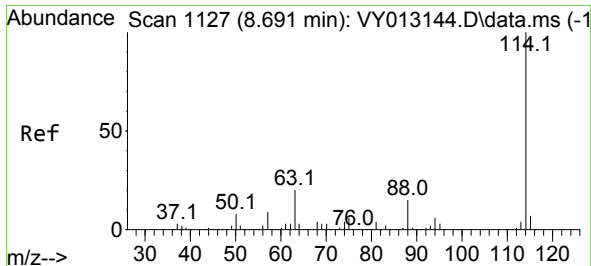
Tgt Ion: 56 Resp: 1788
Ion Ratio Lower Upper
56 100
69 156.8 25.7 38.5#
84 138.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 51.046 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 65 Resp: 53538
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B

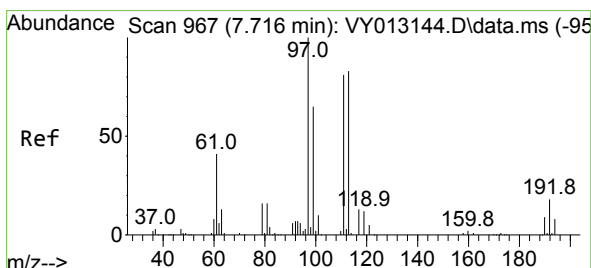
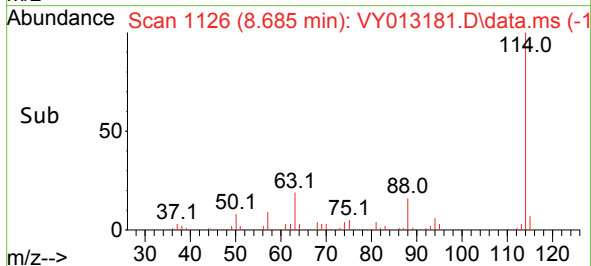
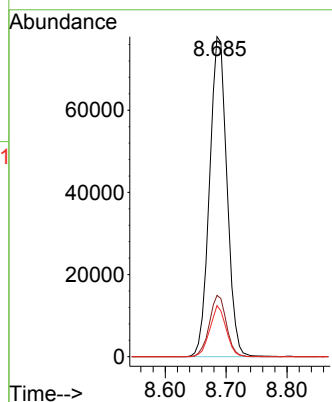
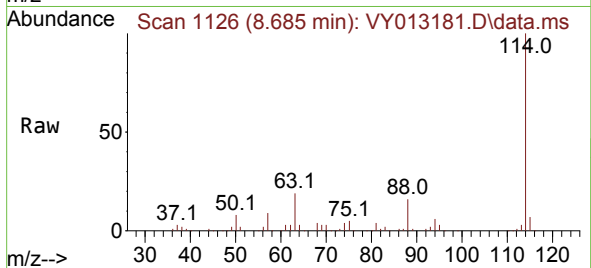
Tgt Ion:114 Resp: 154243

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 16.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.268 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

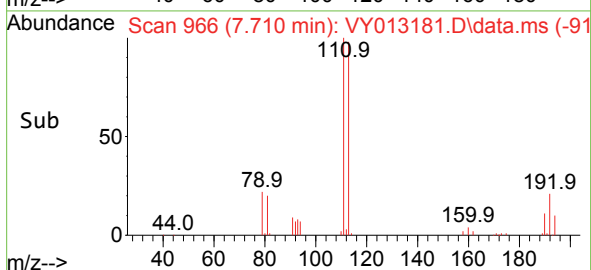
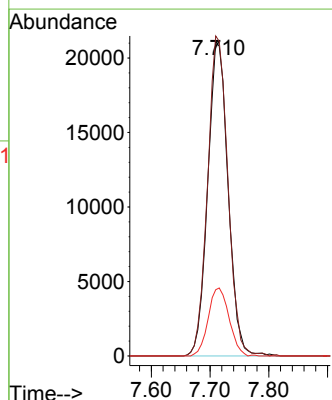
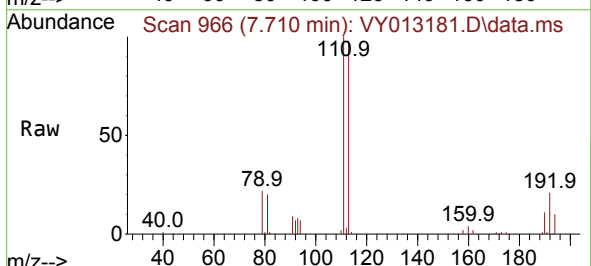
Tgt Ion:113 Resp: 50651

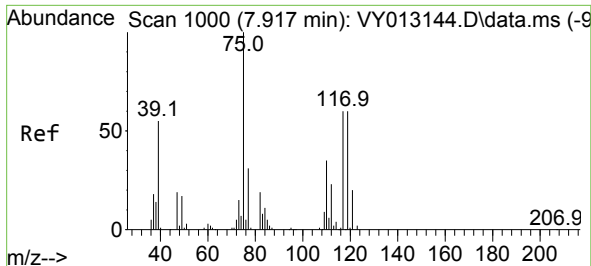
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 22.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.340 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B

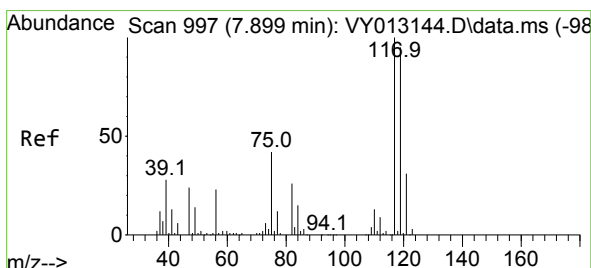
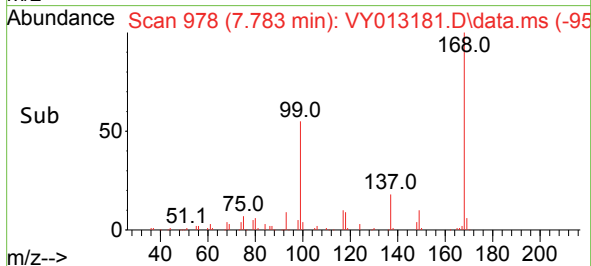
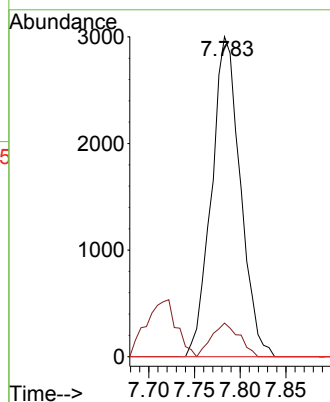
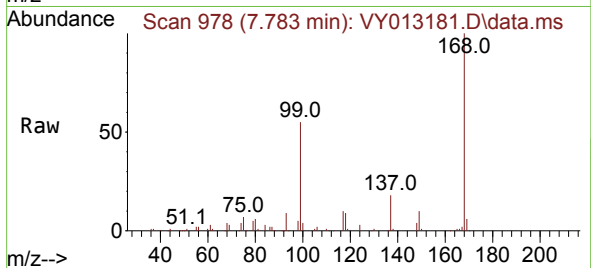
Tgt Ion: 75 Resp: 6583

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.641 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

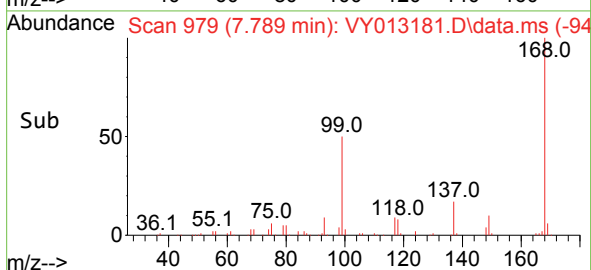
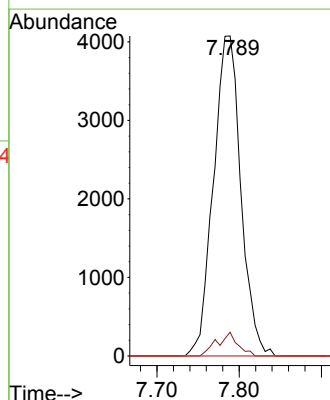
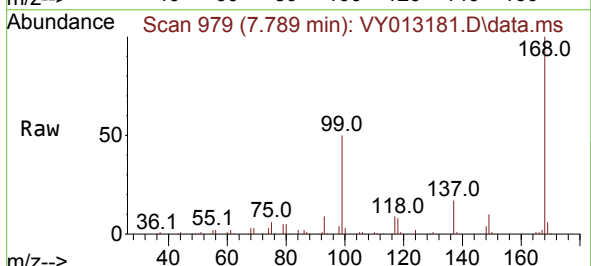
Tgt Ion: 117 Resp: 9441

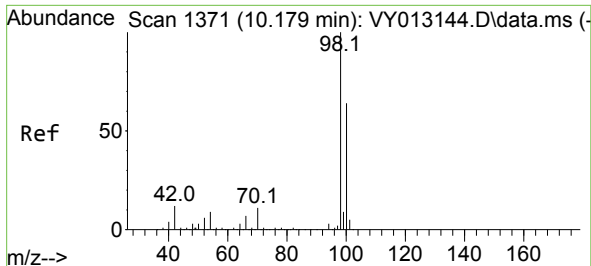
Ion Ratio Lower Upper

117 100

119 7.4 77.2 115.8#

121 0.0 24.7 37.1#

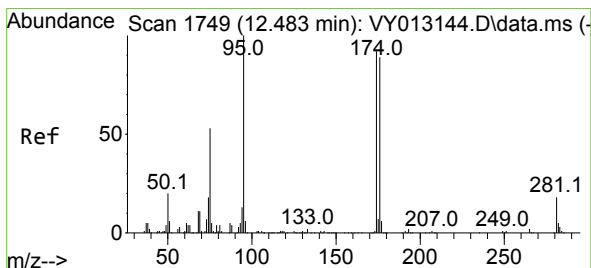
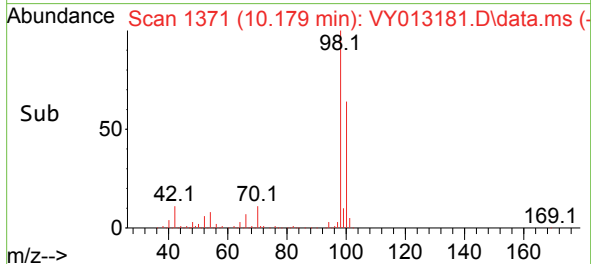
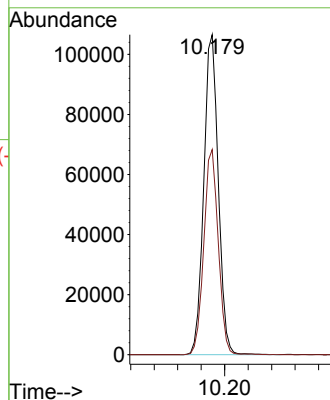
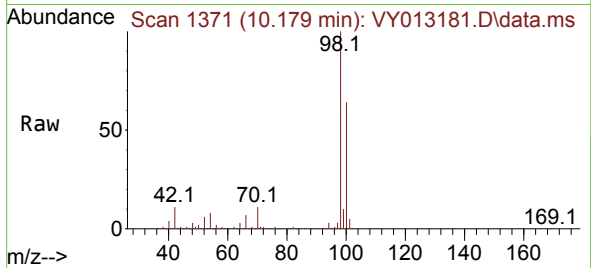




#50
Toluene-d8
Concen: 47.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

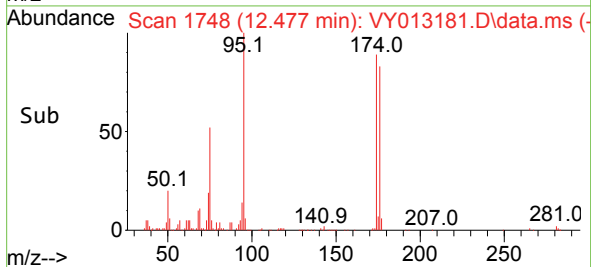
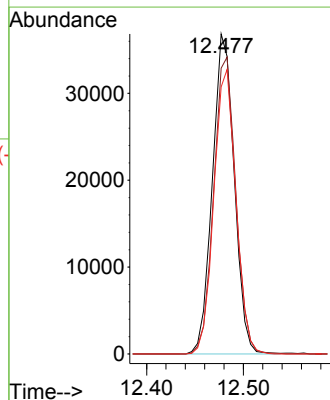
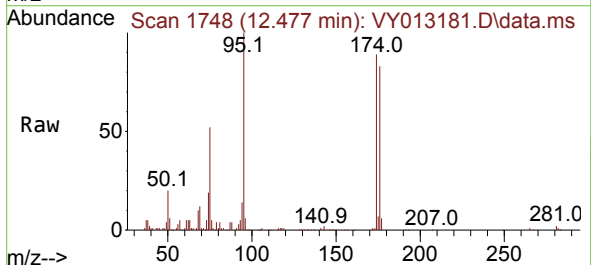
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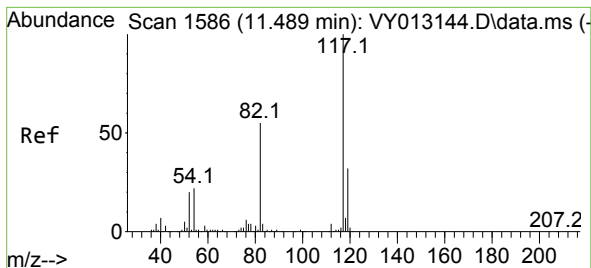
Tgt Ion: 98 Resp: 182454
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 95 Resp: 57638
Ion Ratio Lower Upper
95 100
174 94.1 0.0 176.6
176 89.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B

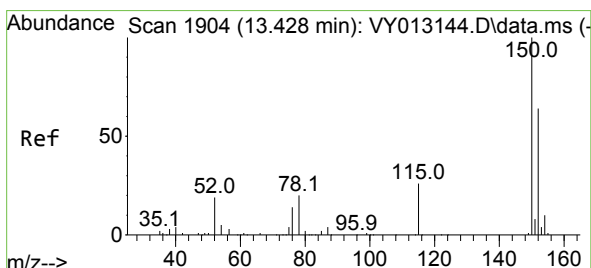
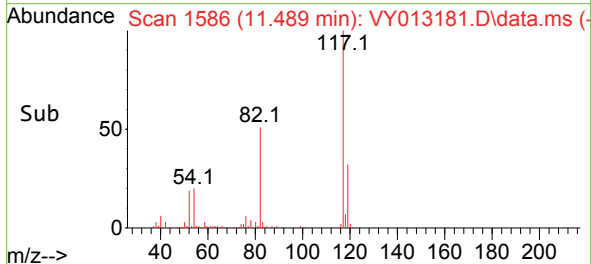
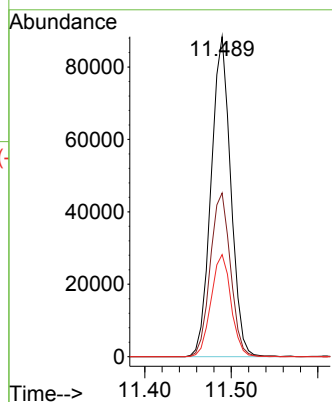
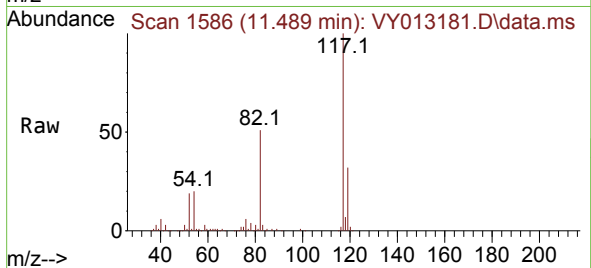
Tgt Ion:117 Resp: 139214

Ion Ratio Lower Upper

117 100

82 51.1 45.4 68.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013181.D

Acq: 03 Apr 2023 17:19

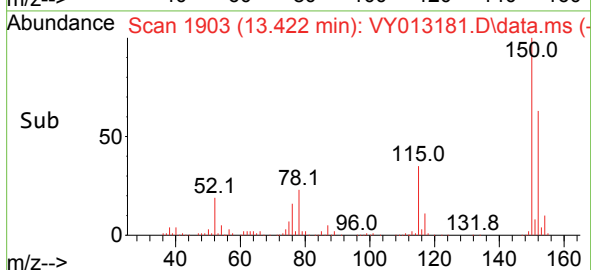
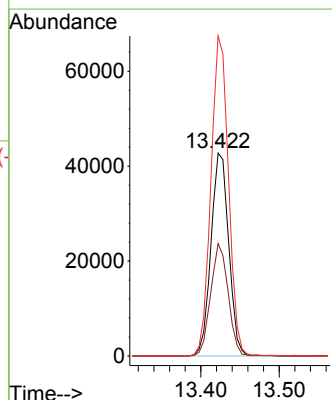
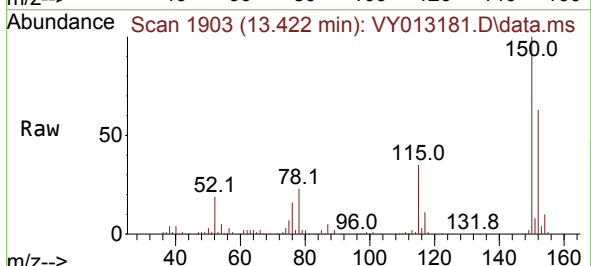
Tgt Ion:152 Resp: 67116

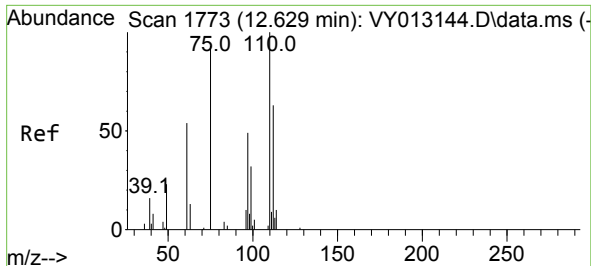
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 156.0 0.0 347.8

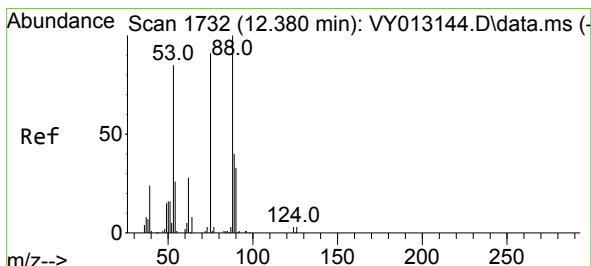
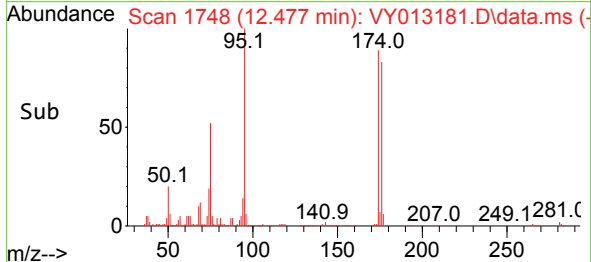
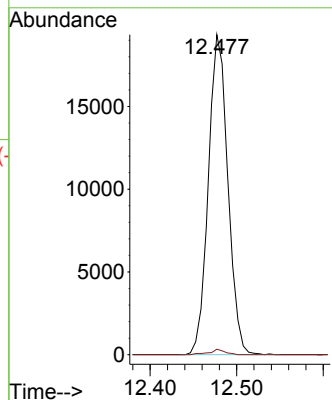
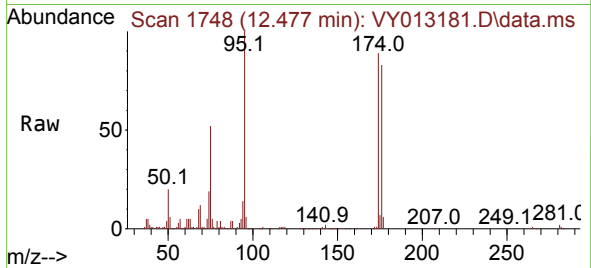




#76
1,2,3-Trichloropropane
Concen: 40.155 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

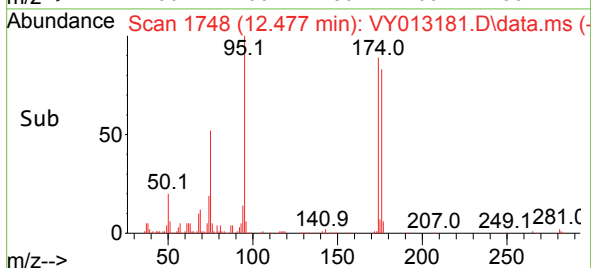
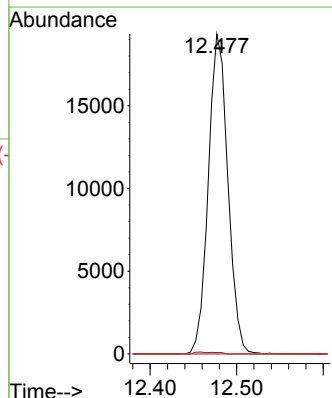
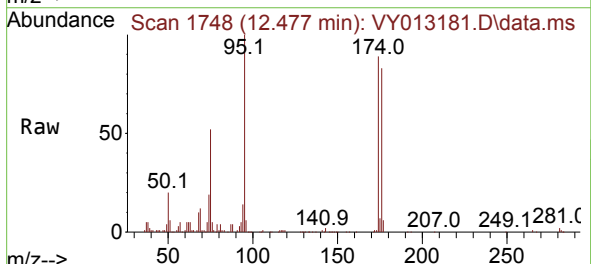
Instrument :
MSVOA_Y
ClientSampleId :
SB-6B

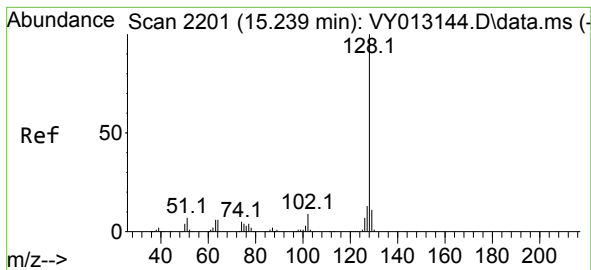
Tgt Ion: 75 Resp: 30276
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.551 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013181.D
Acq: 03 Apr 2023 17:19

Tgt Ion: 75 Resp: 30276
Ion Ratio Lower Upper
75 100
53 0.7 73.4 110.0#
89 0.0 36.6 55.0#





#95

Naphthalene

Concen: 3.276 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013181.D

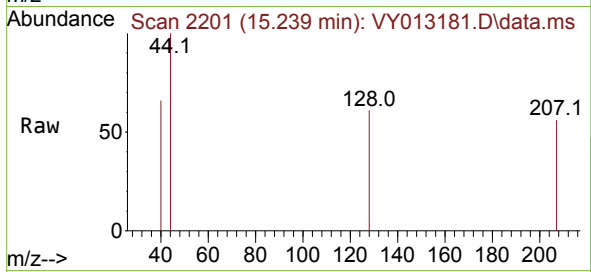
Acq: 03 Apr 2023 17:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-6B



Tgt Ion:128 Resp: 114

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

