

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020694.D
 Acq On : 23 Dec 2024 16:14
 Operator : SY/MD
 Sample : P5330-03
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Dec 23 16:28:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

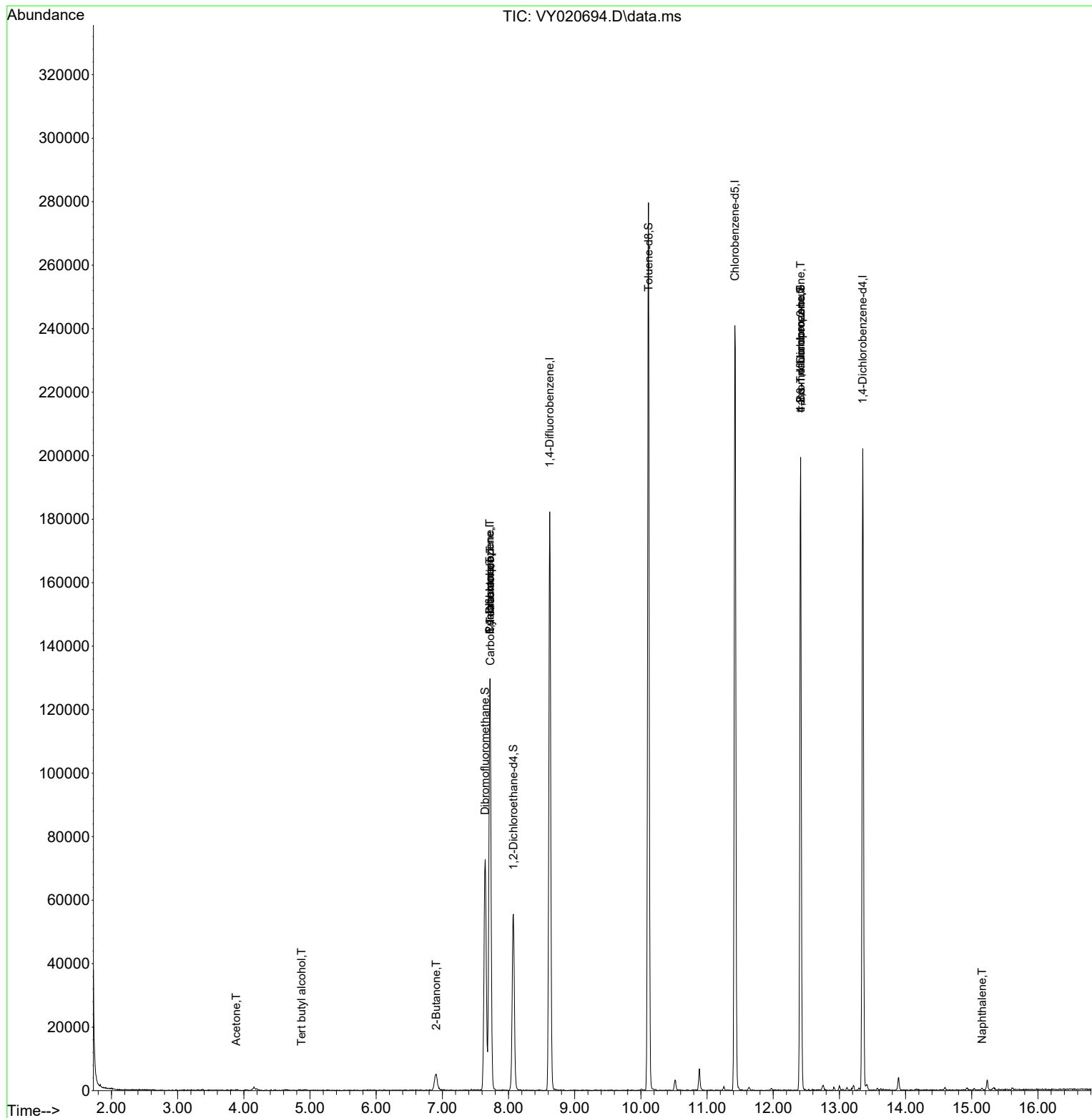
Internal Standards						
1) Pentafluorobenzene	7.720	168	100168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	157230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	132267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	51937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50466	56.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.780%	
35) Dibromofluoromethane	7.646	113	49736	53.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.115	98	183110	54.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.414	95	55089	45.138	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	65	1.003	ug/l #	75
16) Acetone	3.885	43	179	1.767	ug/l #	43
25) 2-Butanone	6.909	43	246	1.728	ug/l #	49
31) Cyclohexane	7.720	56	2041	1.950	ug/l #	34
36) 1,1-Dichloropropene	7.720	75	7150	6.371	ug/l #	53
38) Carbon Tetrachloride	7.726	117	10273	5.657	ug/l #	13
76) 1,2,3-Trichloropropane	12.414	75	31928	89.140	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	31928	193.771	ug/l #	12
95) Naphthalene	15.157	128	671	3.925	ug/l #	69

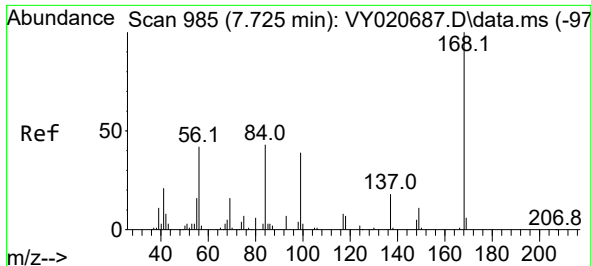
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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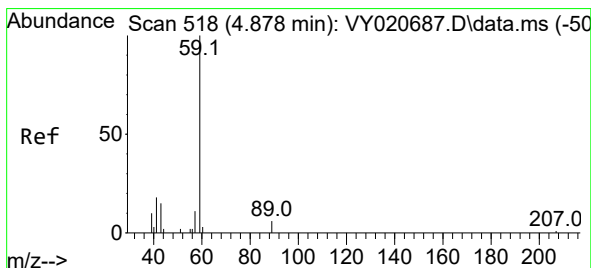
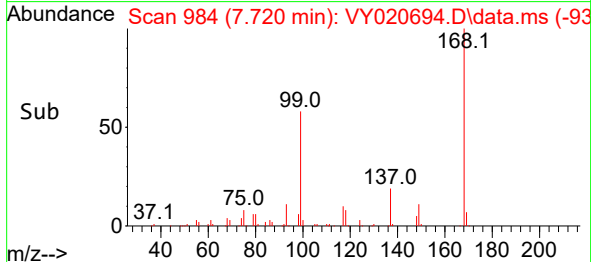
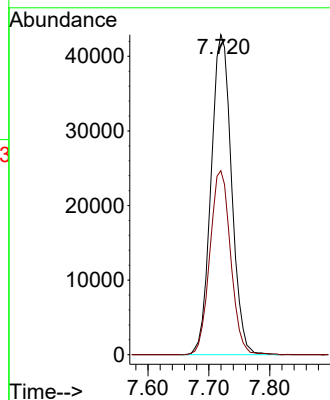
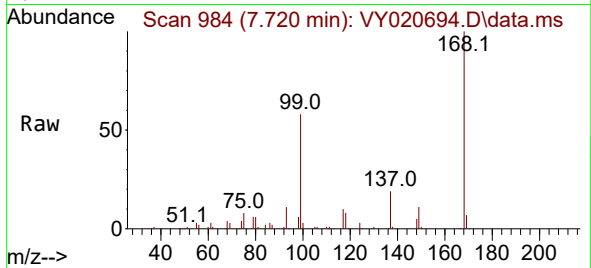




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

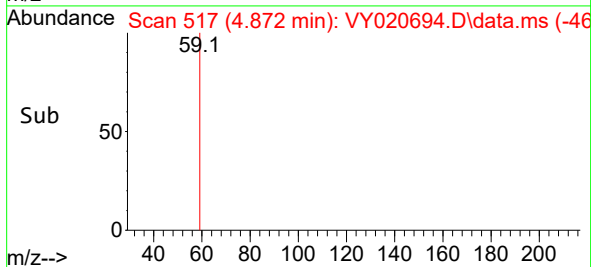
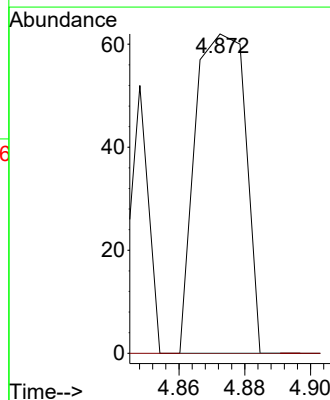
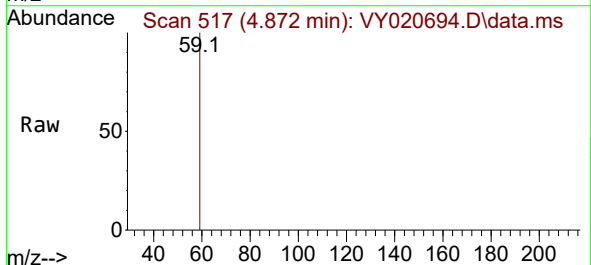
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

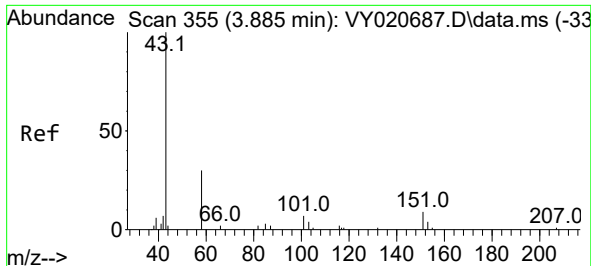
Tgt Ion:168 Resp: 100168
Ion Ratio Lower Upper
168 100
99 57.5 47.0 70.6



#11
Tert butyl alcohol
Concen: 1.003 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

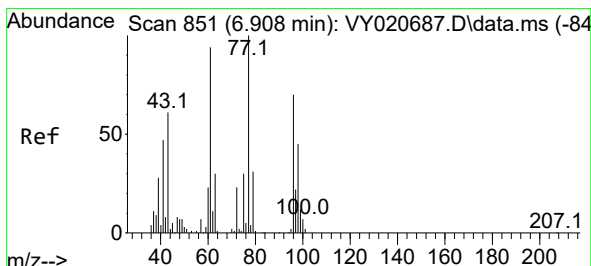
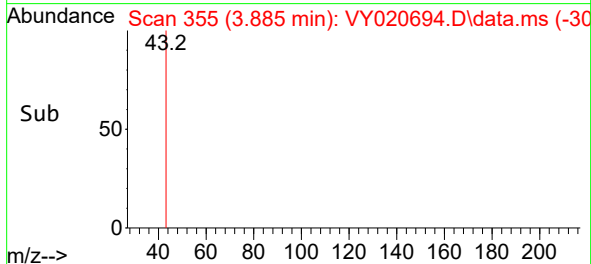
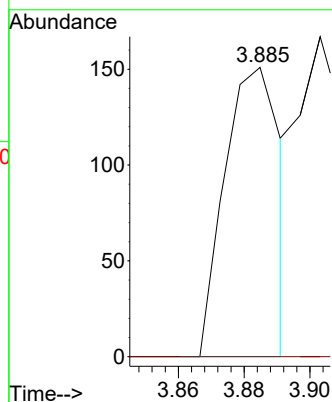
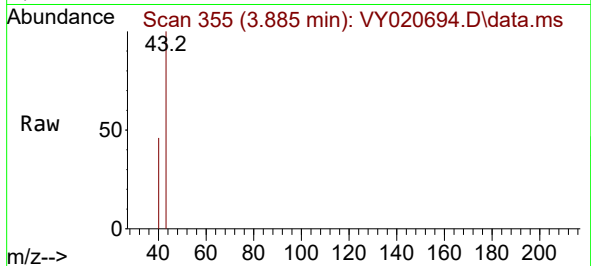




#16
Acetone
Concen: 1.767 ug/l
RT: 3.885 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

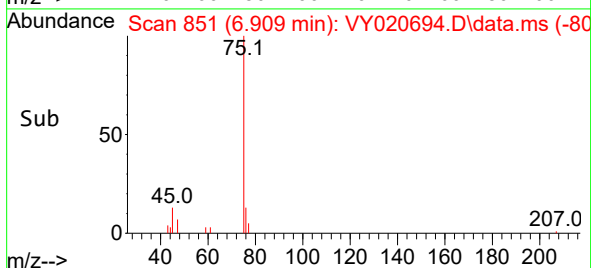
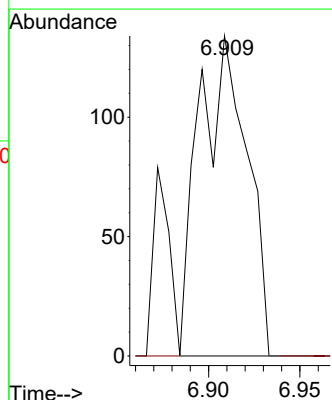
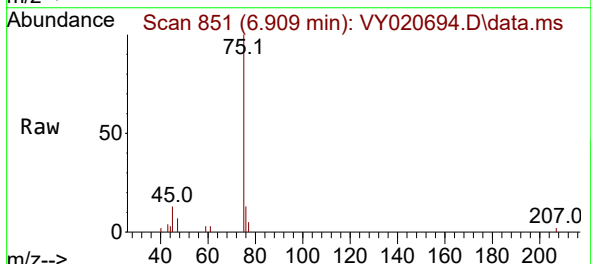
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

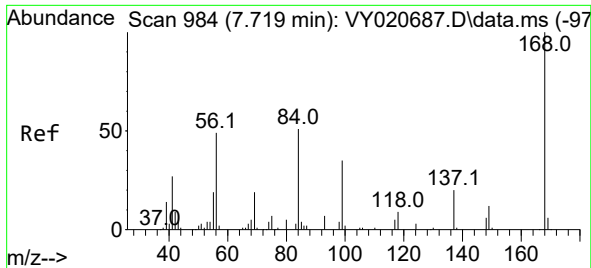
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



#25
2-Butanone
Concen: 1.728 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

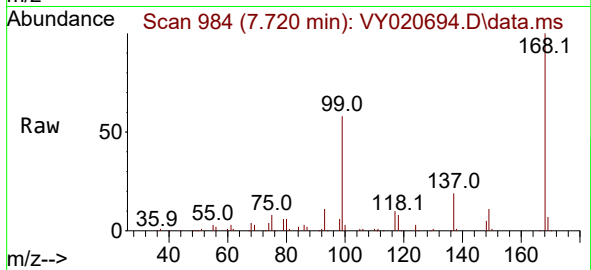
Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



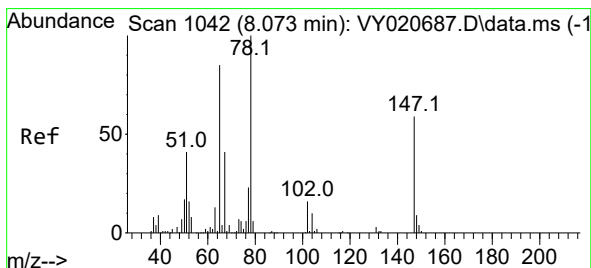
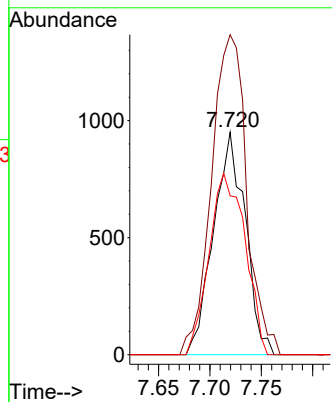
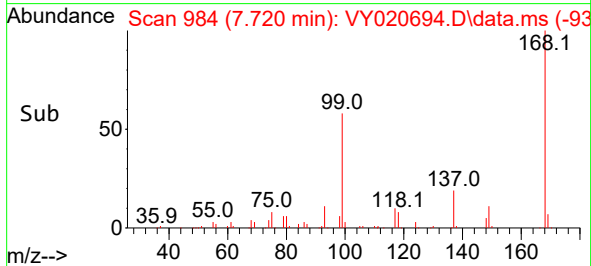


#31
Cyclohexane
Concen: 1.950 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

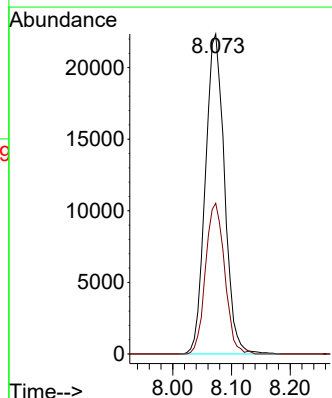
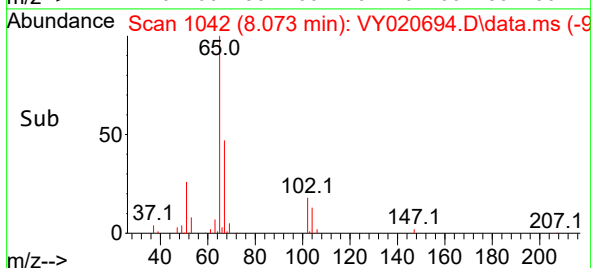
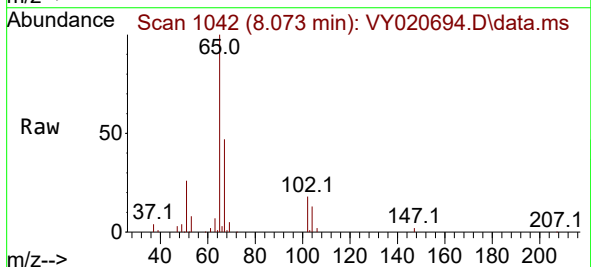


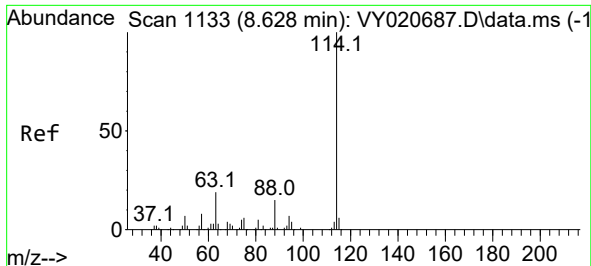
Tgt Ion: 56 Resp: 2041
Ion Ratio Lower Upper
56 100
69 143.9 25.4 38.0#
84 71.5 68.3 102.5



#33
1,2-Dichloroethane-d4
Concen: 56.887 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Tgt Ion: 65 Resp: 50466
Ion Ratio Lower Upper
65 100
67 47.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

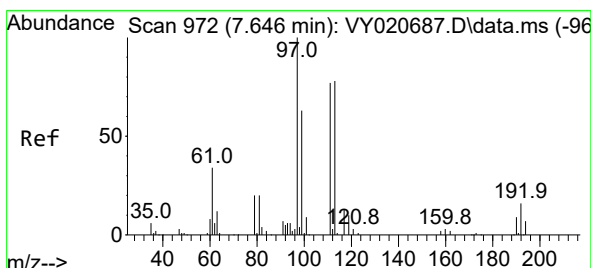
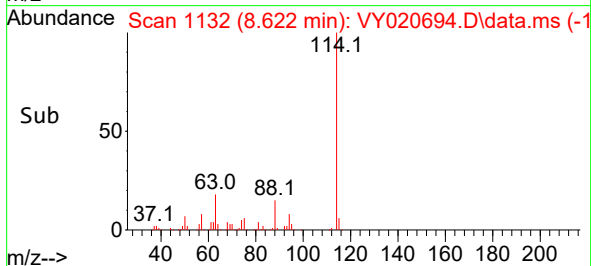
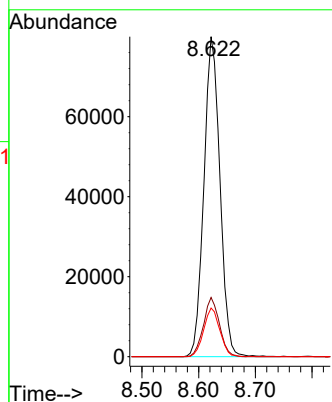
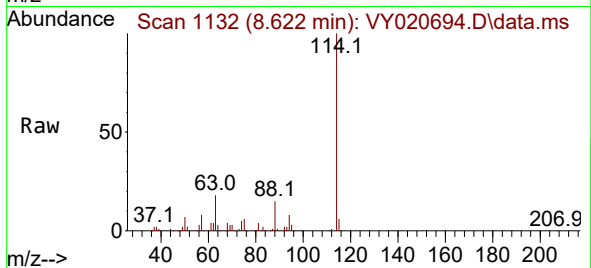
Tgt Ion:114 Resp: 157230

Ion Ratio Lower Upper

114 100

63 18.5 0.0 44.0

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.872 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

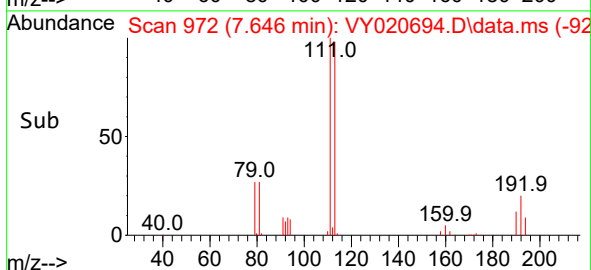
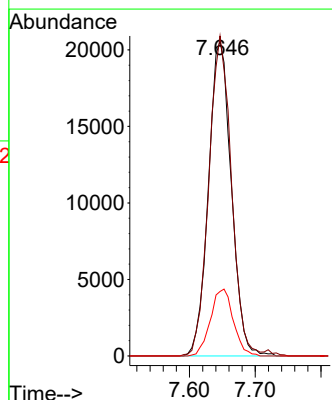
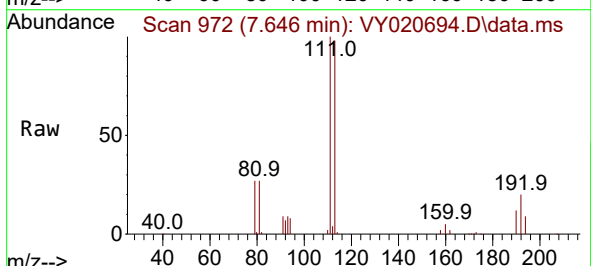
Tgt Ion:113 Resp: 49736

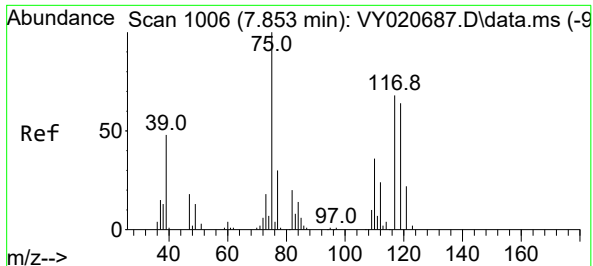
Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

192 21.3 15.7 23.5





#36

1,1-Dichloropropene

Concen: 6.371 ug/l

RT: 7.720 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

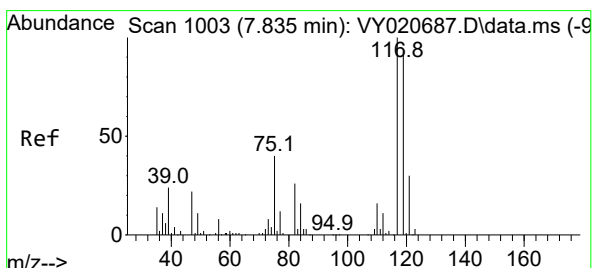
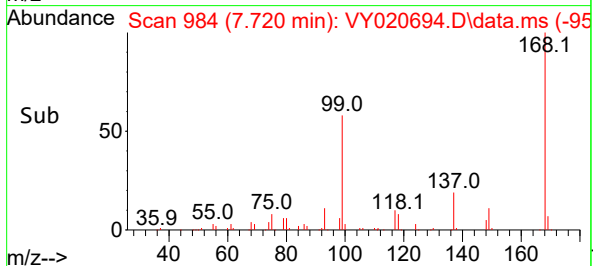
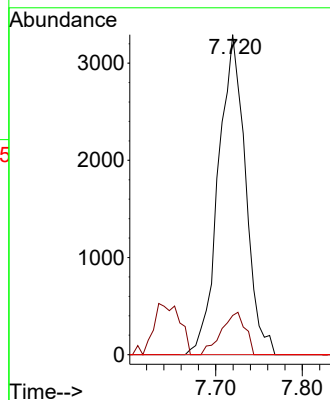
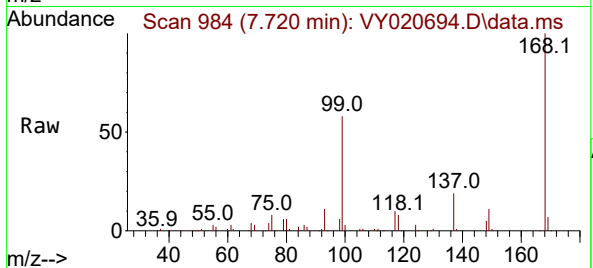
Tgt Ion: 75 Resp: 7150

Ion Ratio Lower Upper

75 100

110 11.7 16.8 50.4#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.657 ug/l

RT: 7.726 min Scan# 985

Delta R.T. -0.110 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

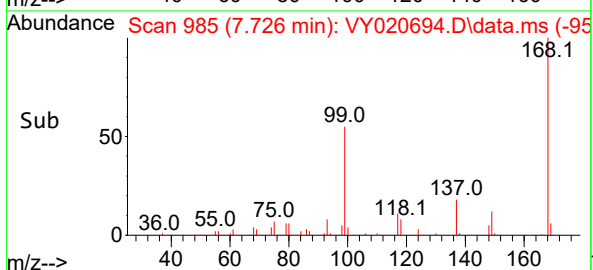
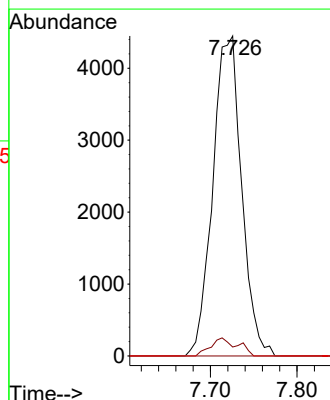
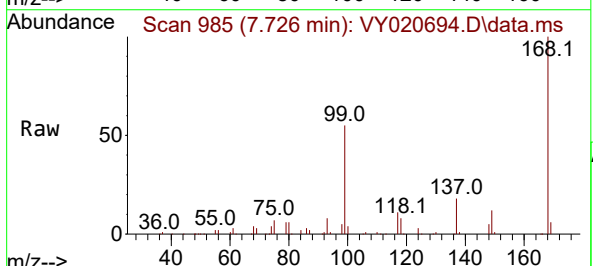
Tgt Ion: 117 Resp: 10273

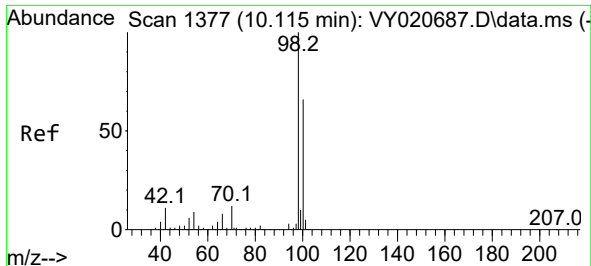
Ion Ratio Lower Upper

117 100

119 2.8 78.3 117.5#

121 0.0 25.1 37.7#

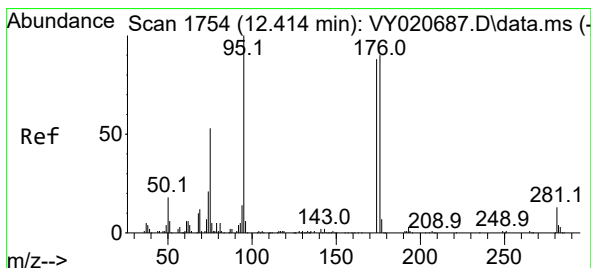
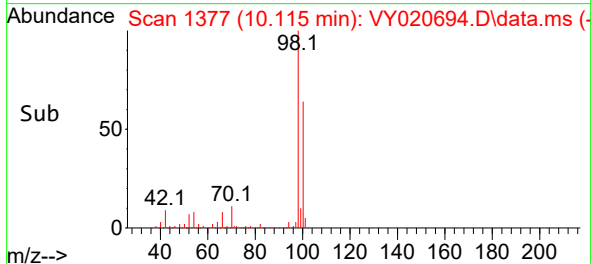
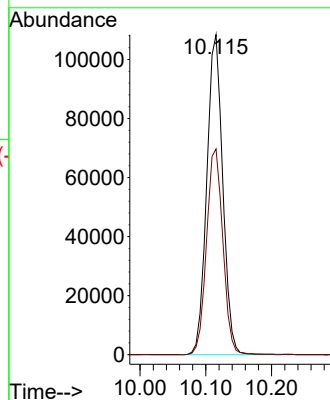
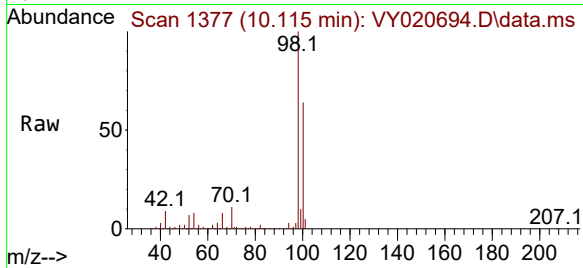




#50
Toluene-d8
Concen: 54.608 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

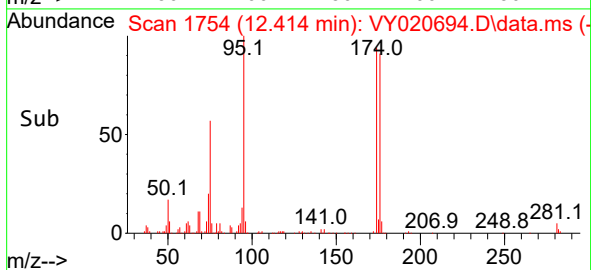
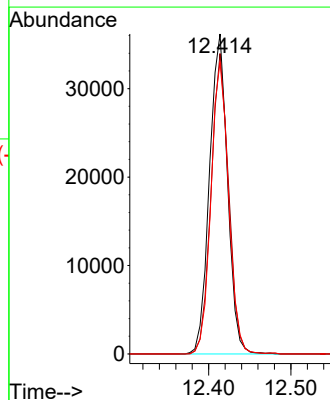
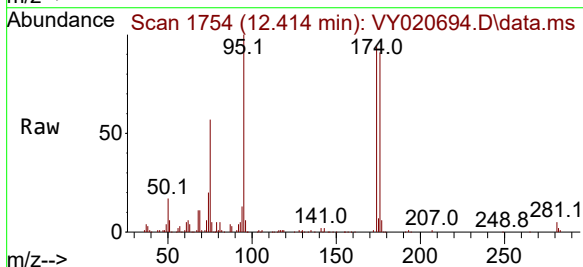
Instrument :
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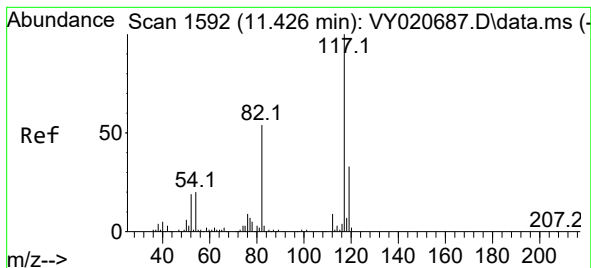
Tgt Ion: 98 Resp: 183110
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Tgt Ion: 95 Resp: 55089
Ion Ratio Lower Upper
95 100
174 91.5 0.0 161.8
176 89.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

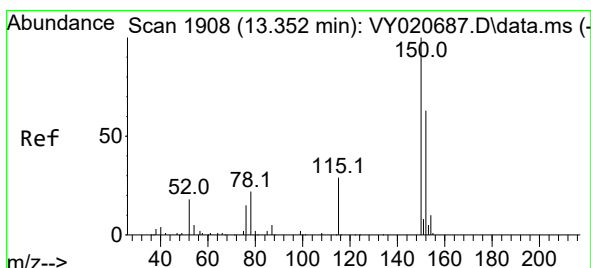
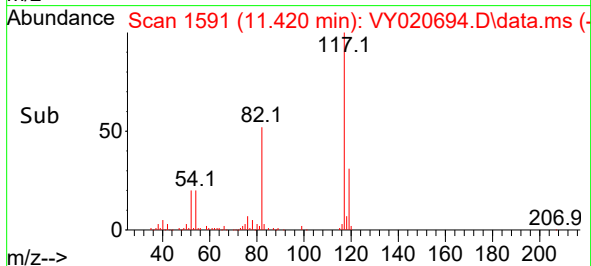
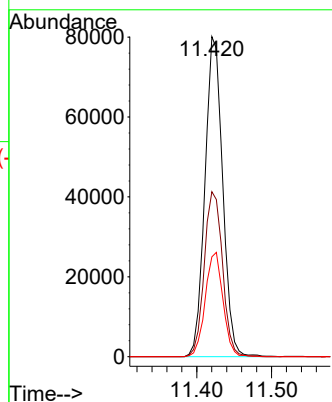
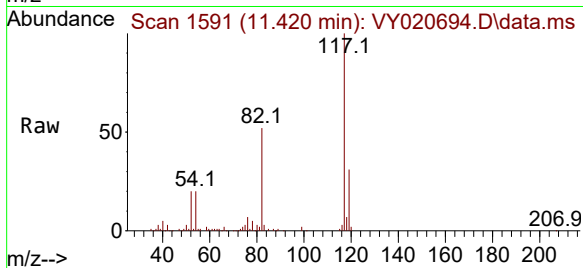
Tgt Ion:117 Resp: 132267

Ion Ratio Lower Upper

117 100

82 51.5 45.8 68.6

119 31.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

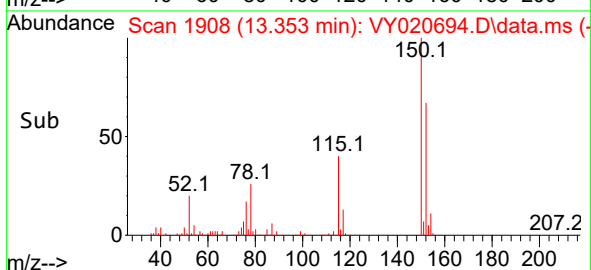
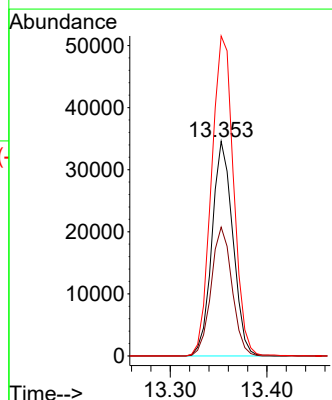
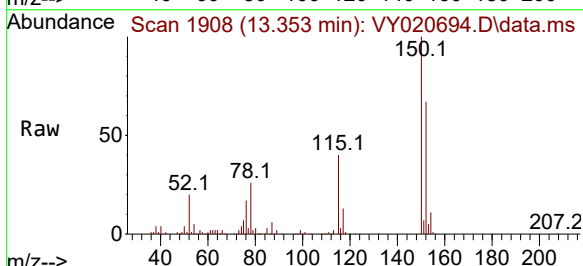
Tgt Ion:152 Resp: 51937

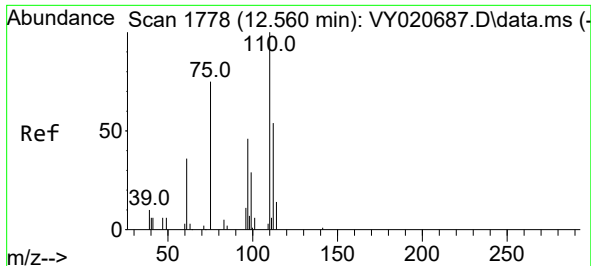
Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 157.5 0.0 355.4

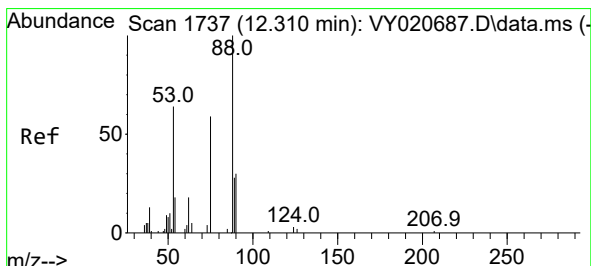
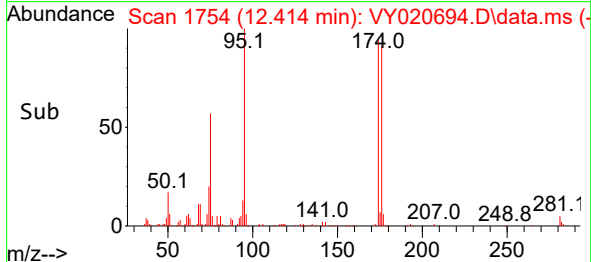
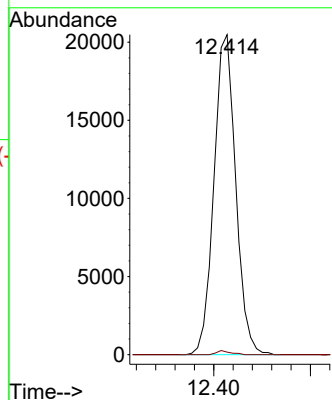
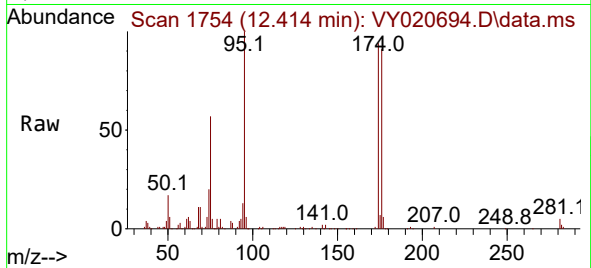




#76
1,2,3-Trichloropropane
Concen: 89.140 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

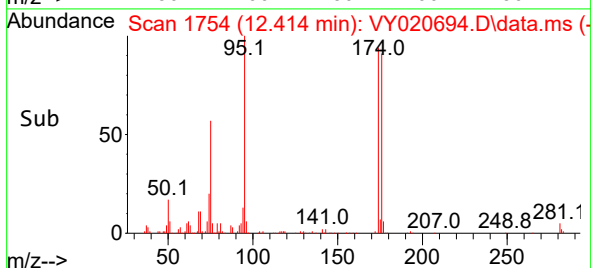
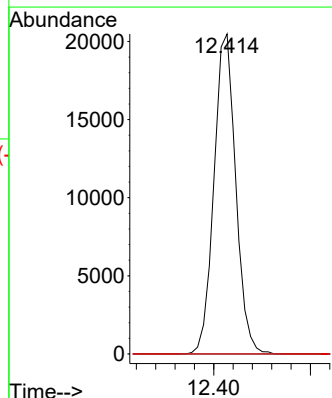
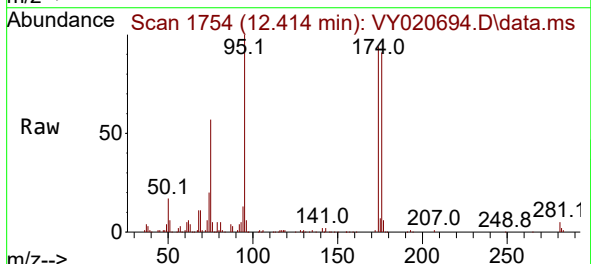
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

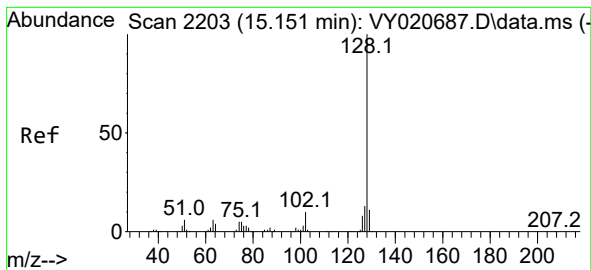
Tgt Ion: 75 Resp: 31928
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 193.771 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

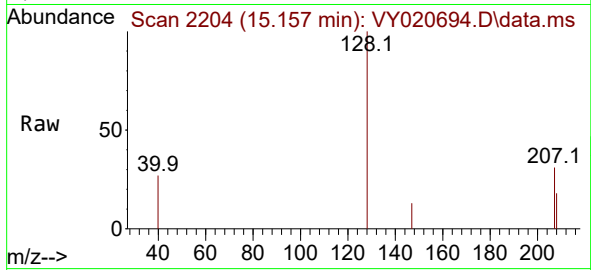
Tgt Ion: 75 Resp: 31928
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.925 ug/l
RT: 15.157 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC



Tgt Ion:128 Resp: 671
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.5 12.7#

