

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016362.D
 Acq On : 15 Nov 2023 13:37
 Operator : SY/MD
 Sample : 05408-09
 Misc : 8.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

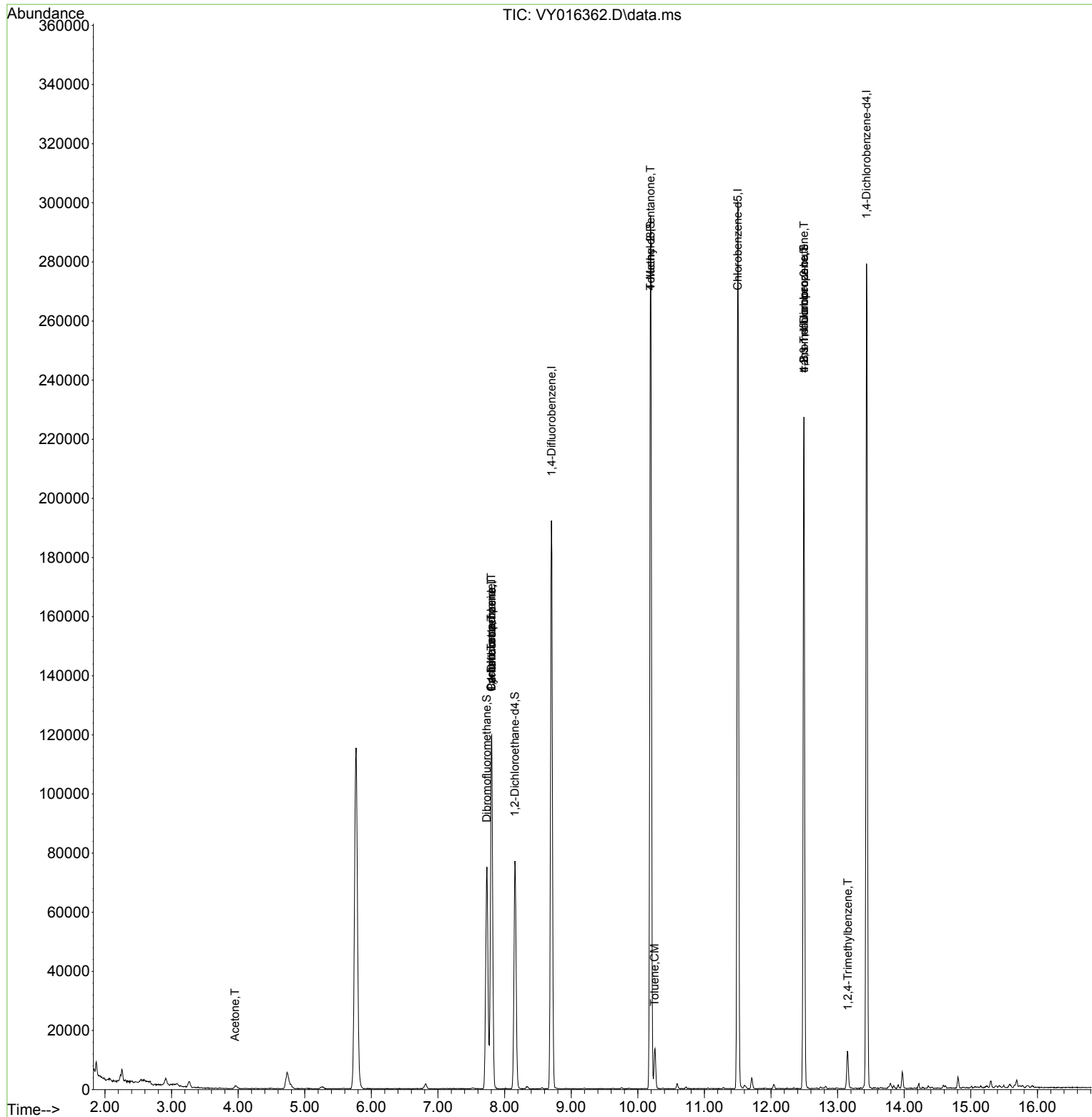
Internal Standards						
1) Pentafluorobenzene	7.807	168	94872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	168532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	163304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61638	71.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.180%	
35) Dibromofluoromethane	7.734	113	54312	56.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.460%	
50) Toluene-d8	10.191	98	199966	51.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.495	95	67869	53.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1929	13.449	ug/l #	88
31) Cyclohexane	7.801	56	2168	1.270	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	6919	4.162	ug/l #	49
38) Carbon Tetrachloride	7.801	117	9385	5.440	ug/l #	15
51) 4-Methyl-2-Pentanone	10.191	43	716	1.091	ug/l #	1
52) Toluene	10.252	92	5945	2.014	ug/l	95
76) 1,2,3-Trichloropropane	12.495	75	35135	49.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35135	107.583	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.154	105	5355	1.127	ug/l #	40

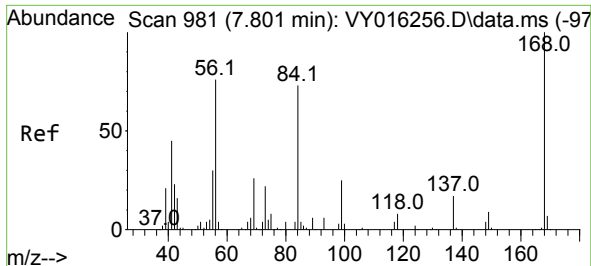
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

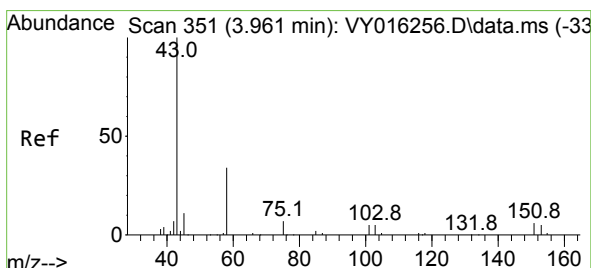
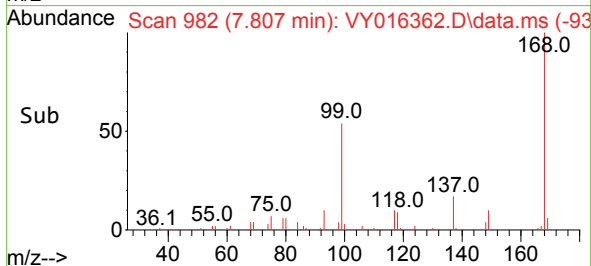
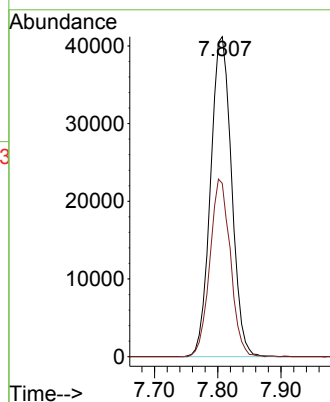
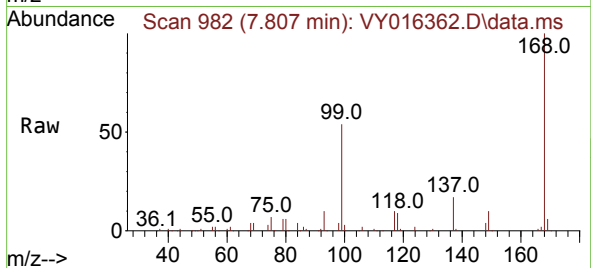




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

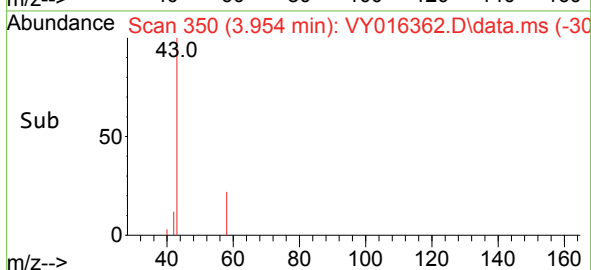
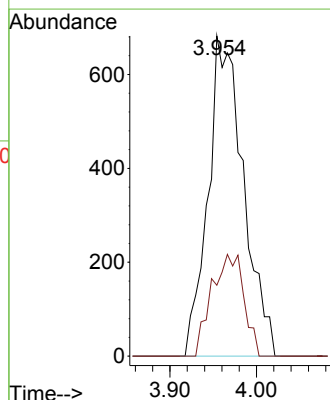
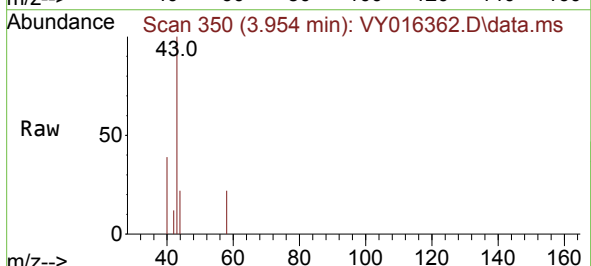
Instrument :
MSVOA_Y
ClientSampleId :

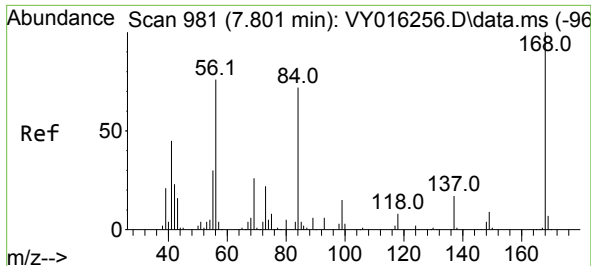
Tgt Ion:168 Resp: 94872
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 13.449 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

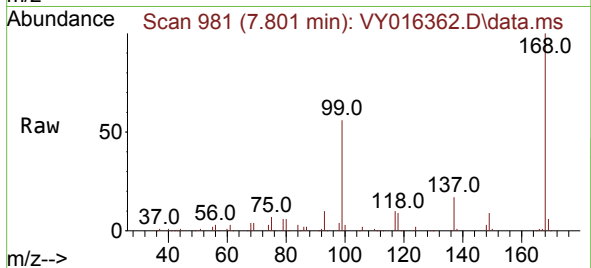
Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 22.1 22.7 34.1#



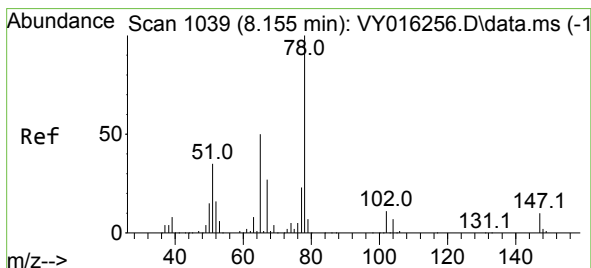
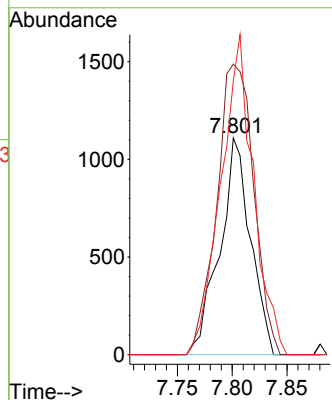
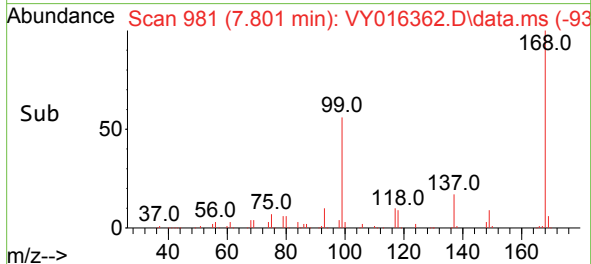


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :

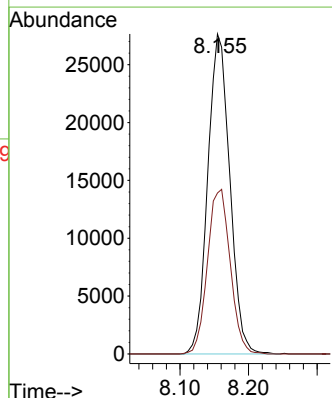
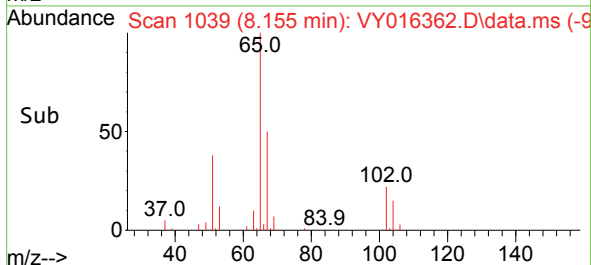
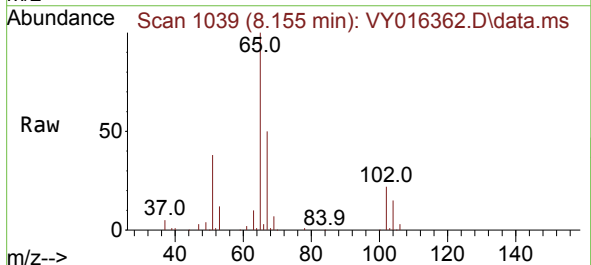


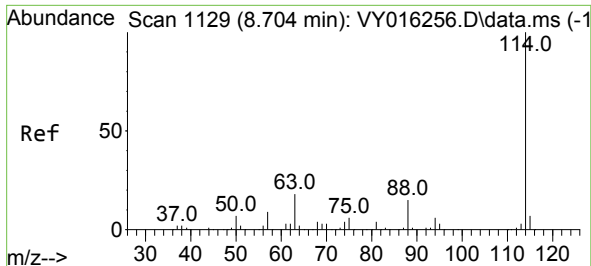
Tgt Ion: 56 Resp: 2168
Ion Ratio Lower Upper
56 100
69 134.0 27.8 41.6#
84 126.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 71.086 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion: 65 Resp: 61638
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

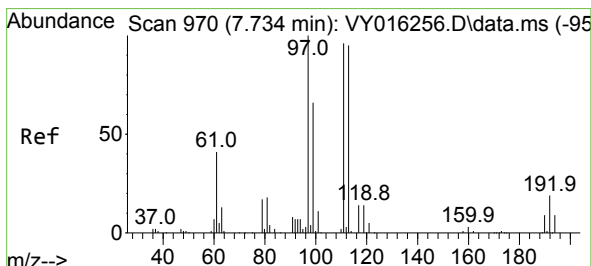
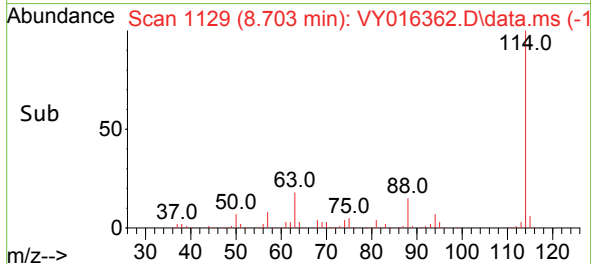
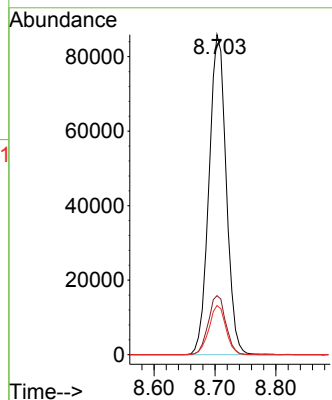
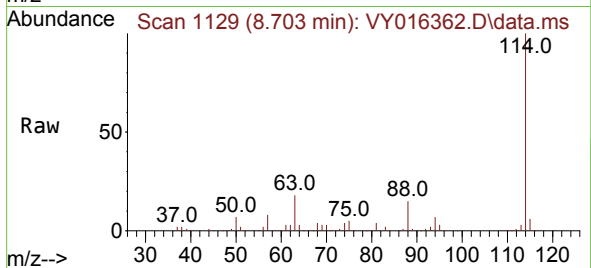
Tgt Ion:114 Resp: 168532

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.731 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

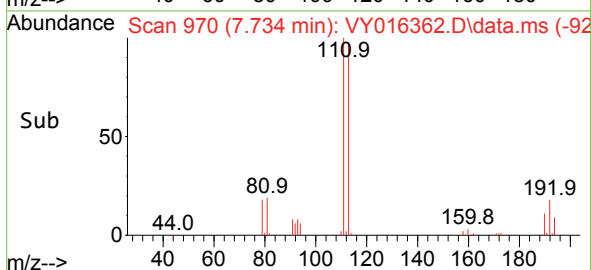
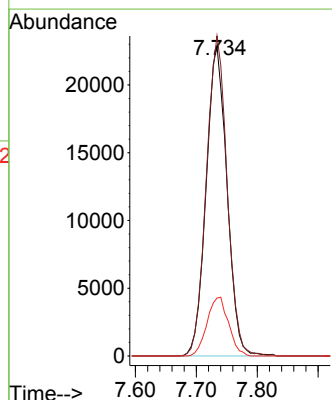
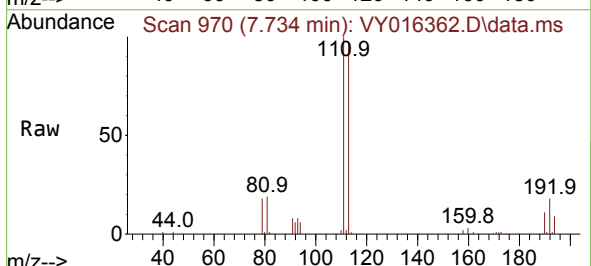
Tgt Ion:113 Resp: 54312

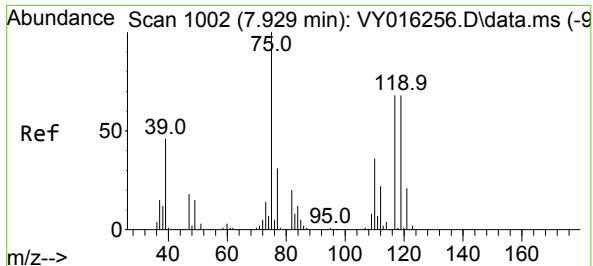
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.162 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

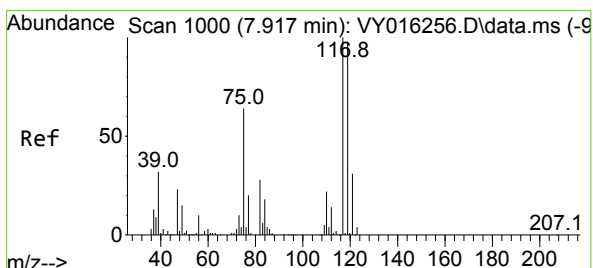
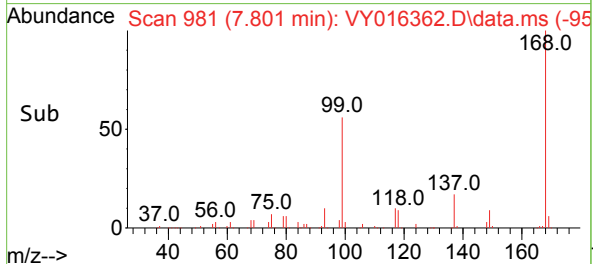
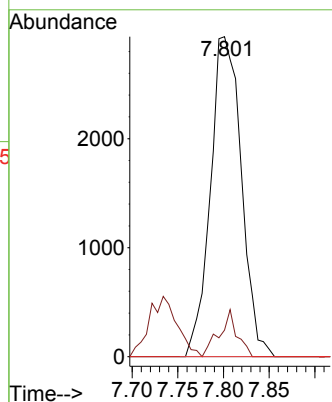
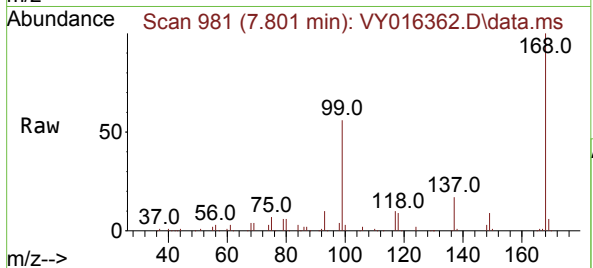
Tgt Ion: 75 Resp: 6919

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.440 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

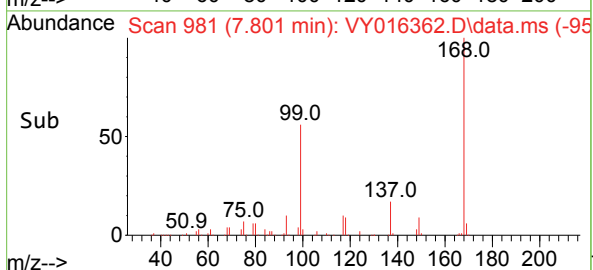
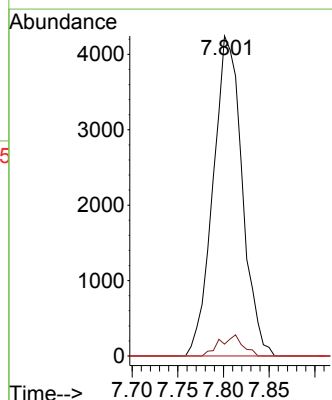
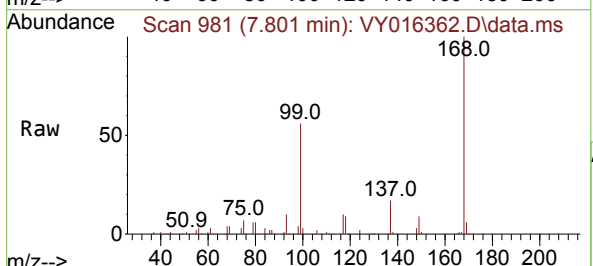
Tgt Ion: 117 Resp: 9385

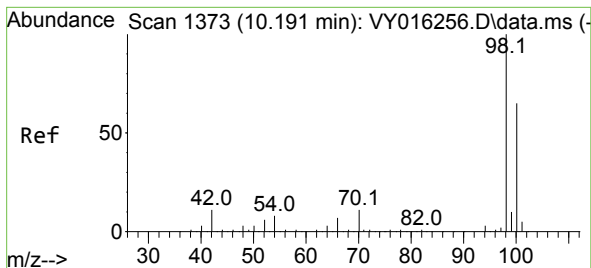
Ion Ratio Lower Upper

117 100

119 3.7 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.507 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

Instrument :

MSVOA_Y

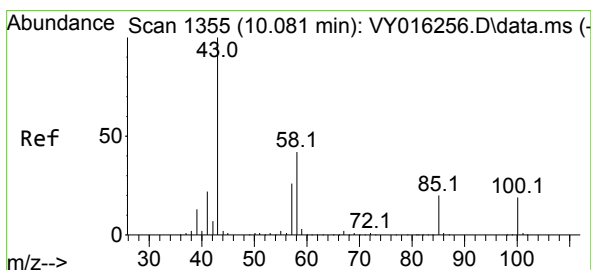
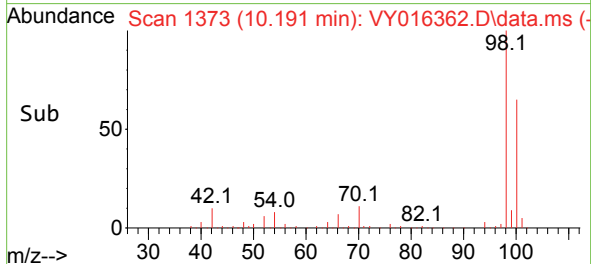
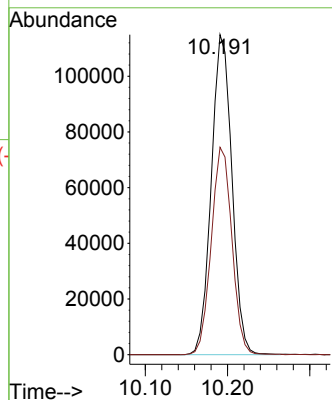
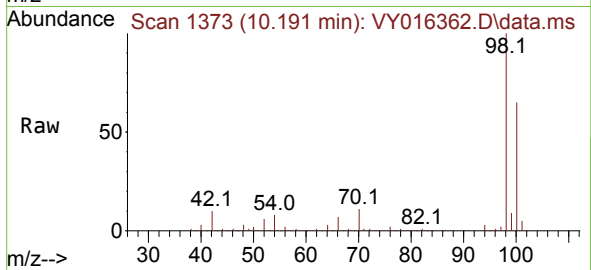
ClientSampleId :

Tgt Ion: 98 Resp: 199966

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.091 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.109 min

Lab File: VY016362.D

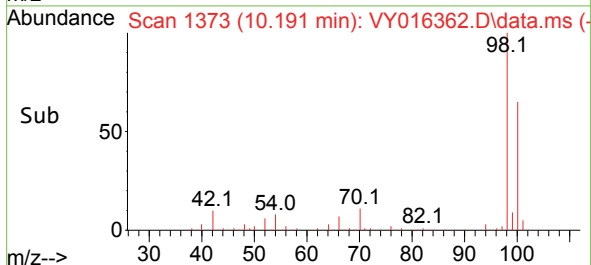
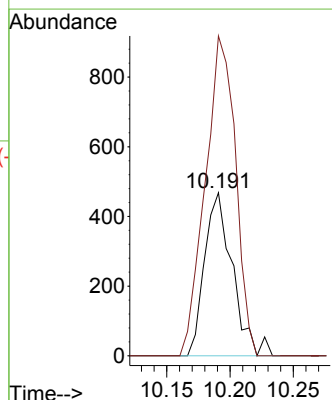
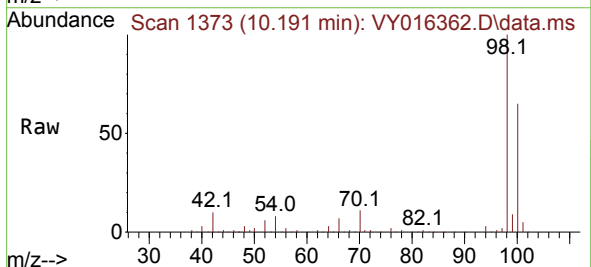
Acq: 15 Nov 2023 13:37

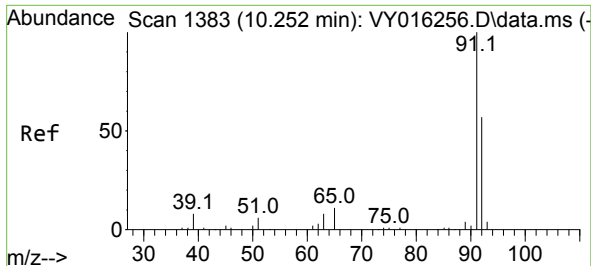
Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

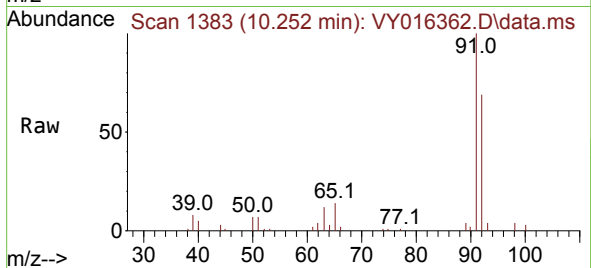
58 213.4 29.0 43.6#



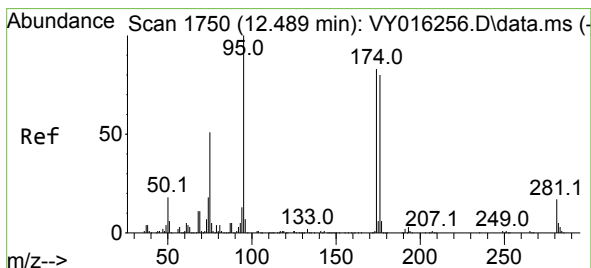
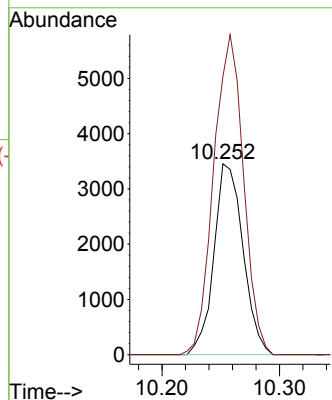
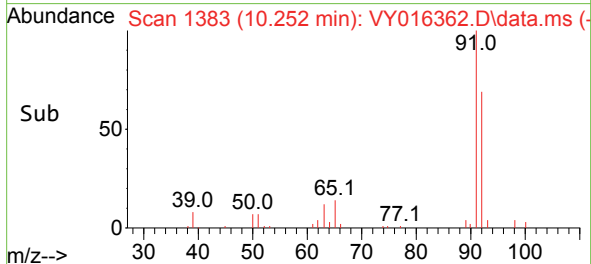


#52
Toluene
Concen: 2.014 ug/l
RT: 10.252 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

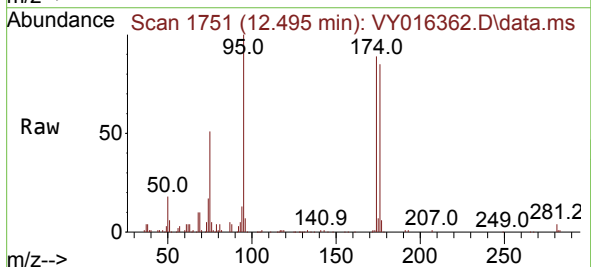
Instrument :
MSVOA_Y
ClientSampleId :



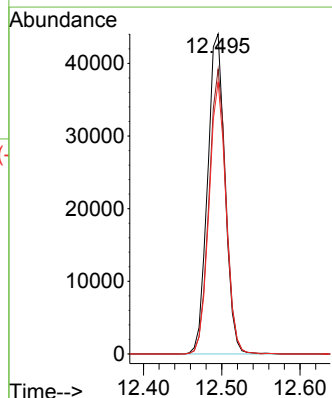
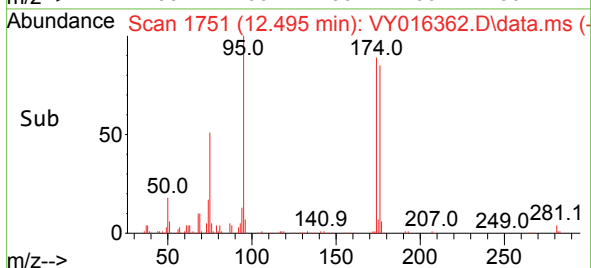
Tgt Ion: 92 Resp: 5945
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

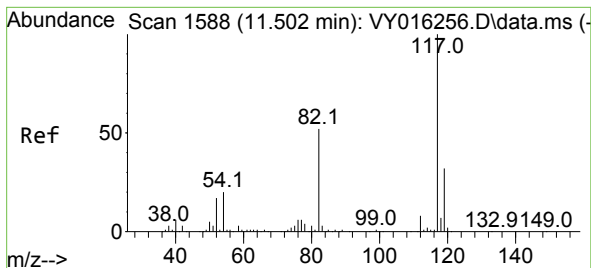


#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37



Tgt Ion: 95 Resp: 67869
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016362.D

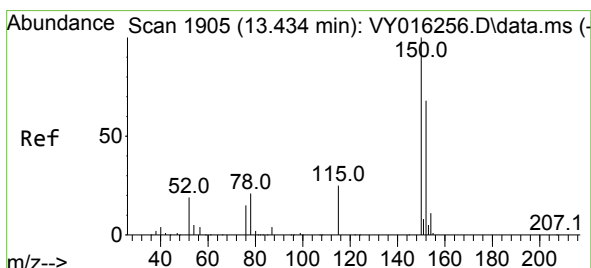
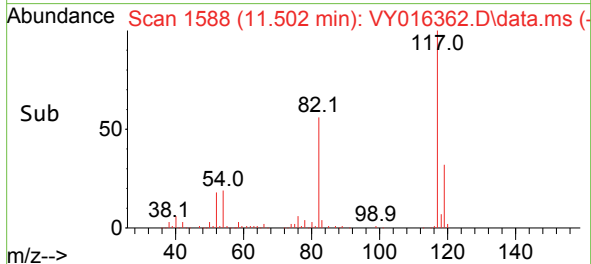
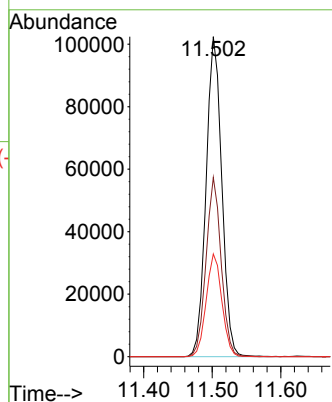
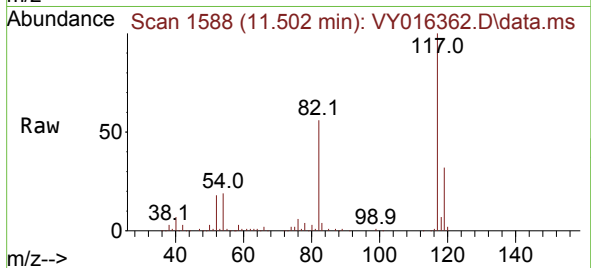
Acq: 15 Nov 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	163304
Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.4	65.0
119	32.1	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

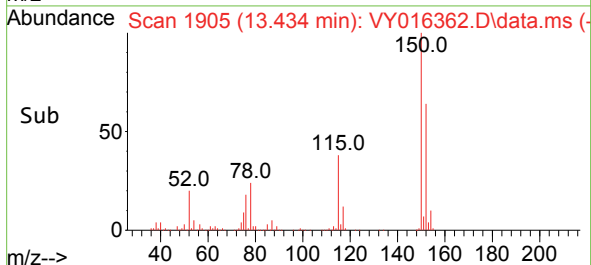
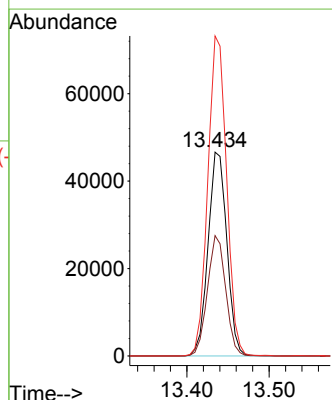
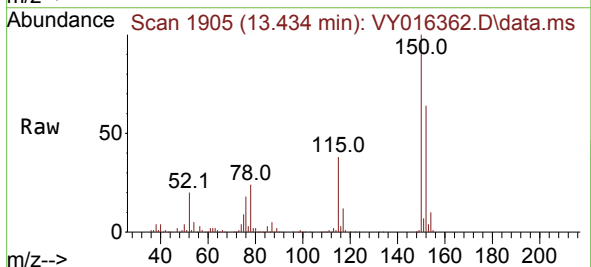
RT: 13.434 min Scan# 1905

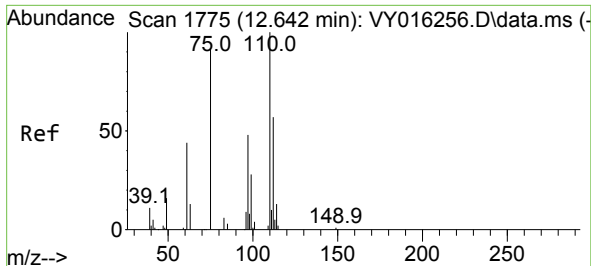
Delta R.T. -0.000 min

Lab File: VY016362.D

Acq: 15 Nov 2023 13:37

Tgt Ion:	152	Resp:	73896
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.8	86.5
150	157.0	0.0	348.8

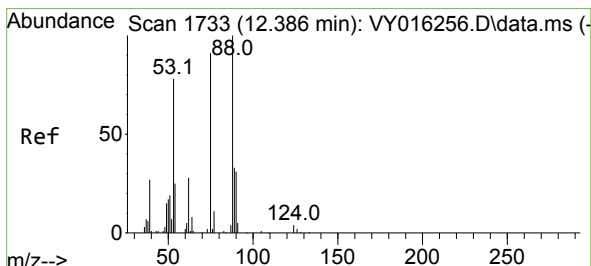
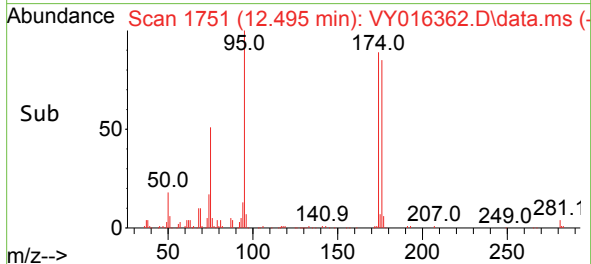
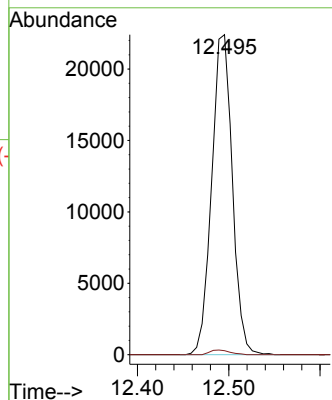
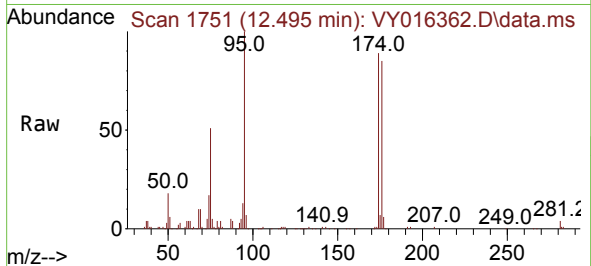




#76
1,2,3-Trichloropropane
Concen: 49.564 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

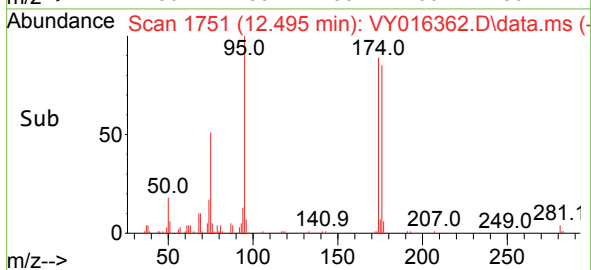
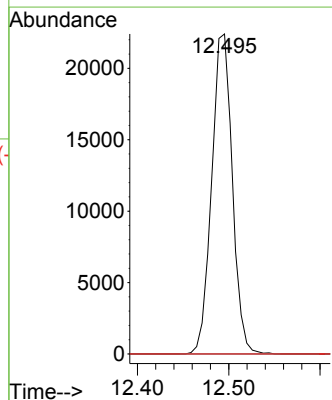
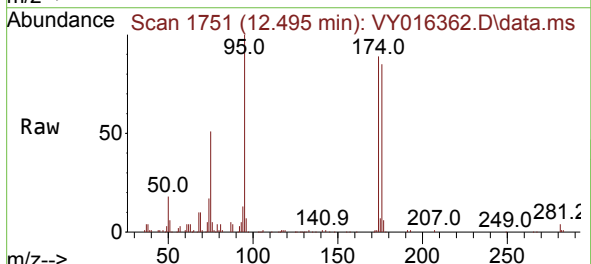
Instrument :
MSVOA_Y
ClientSampleId :

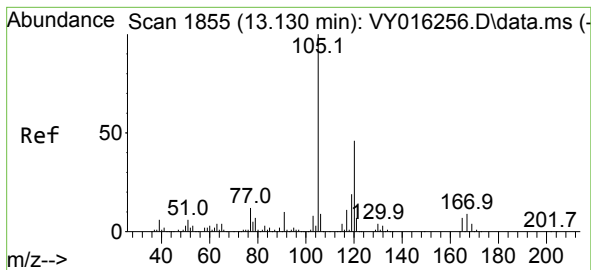
Tgt Ion: 75 Resp: 35135
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.583 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion: 75 Resp: 35135
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.127 ug/l
 RT: 13.154 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: VY016362.D
 Acq: 15 Nov 2023 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 5355
 Ion Ratio Lower Upper
 105 100
 120 5.4 22.2 66.6#

