

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016331.D
 Acq On : 13 Nov 2023 18:29
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:39:15 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)

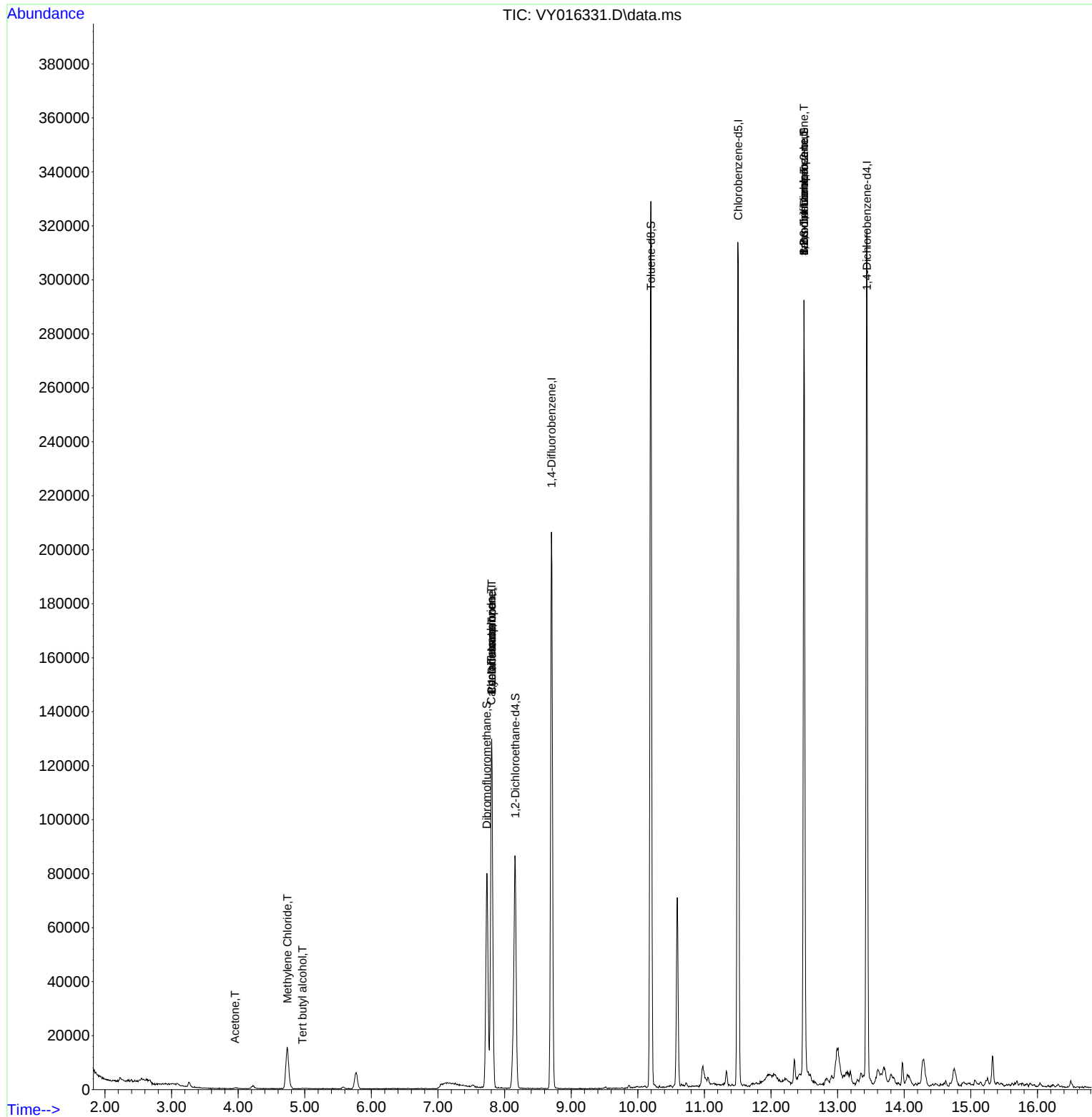
Internal Standards						
1) Pentafluorobenzene	7.807	168	102323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	180804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	178176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	83631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62409	66.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.460%	
35) Dibromofluoromethane	7.734	113	56604	55.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.220%	
50) Toluene-d8	10.197	98	215015	51.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.495	95	79362	58.668	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	385	5.257	ug/l #	89
16) Acetone	3.954	43	411	2.657	ug/l #	77
20) Methylene Chloride	4.741	84	12203	8.261	ug/l #	82
31) Cyclohexane	7.807	56	1900	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	8276	4.640	ug/l #	51
38) Carbon Tetrachloride	7.801	117	10055	5.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	41910	52.240	ug/l #	100
77) Bromobenzene	12.495	156	3546	2.317	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.495	75	41910	113.391	ug/l #	11

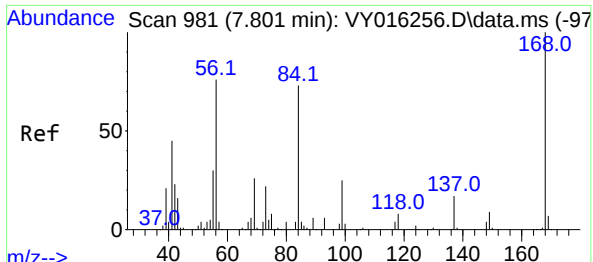
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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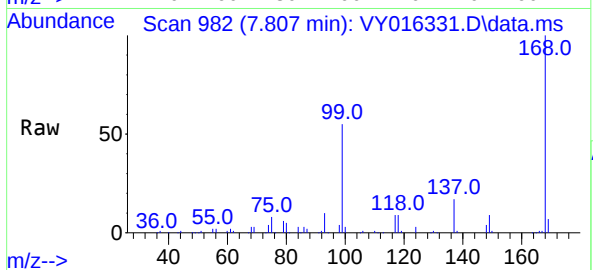
Quant Time: Nov 14 04:39:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



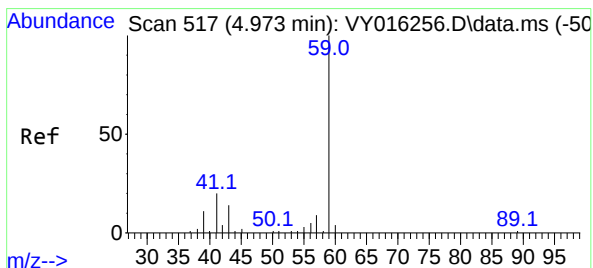
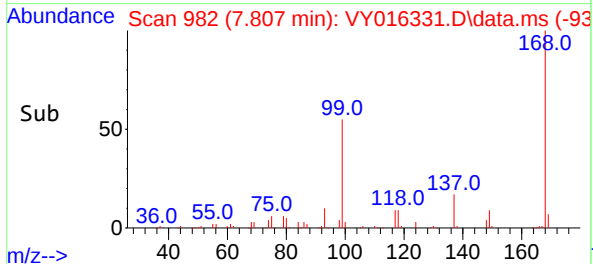
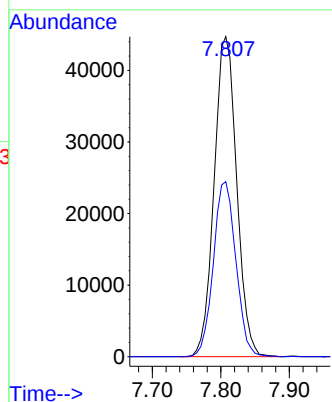


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :

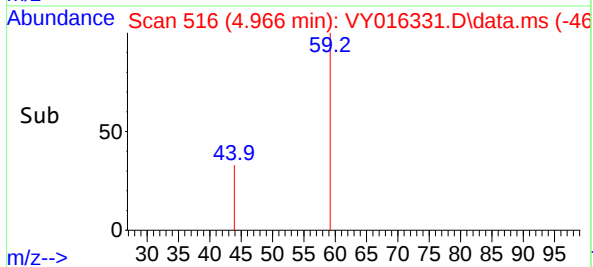
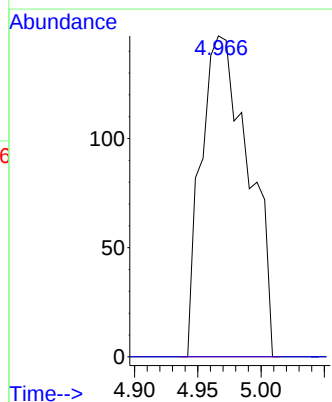
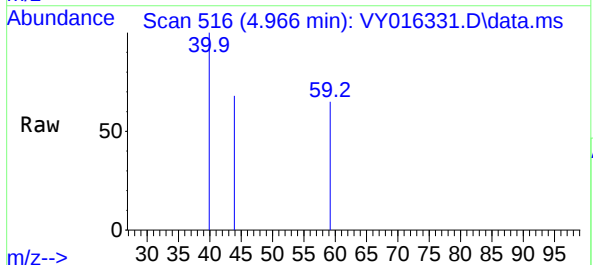


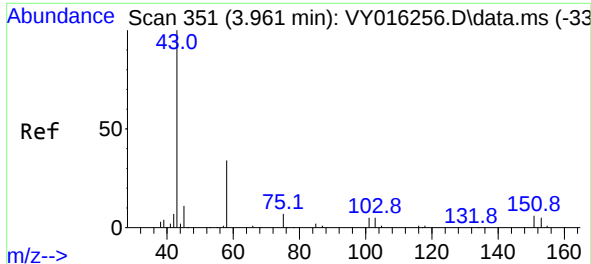
Tgt Ion:168 Resp: 102323
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.257 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 2.657 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016331.D

Acq: 13 Nov 2023 18:29

Instrument :

MSVOA_Y

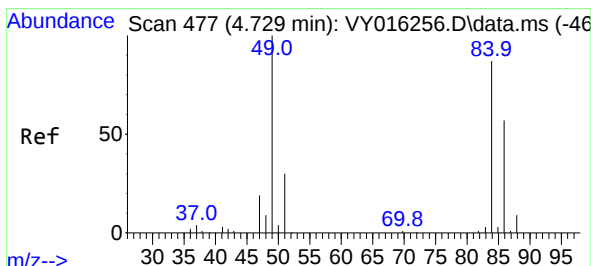
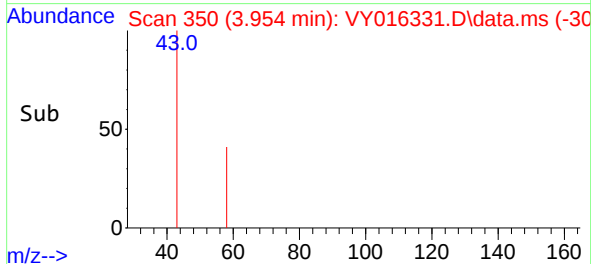
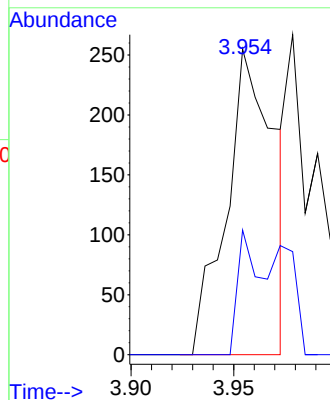
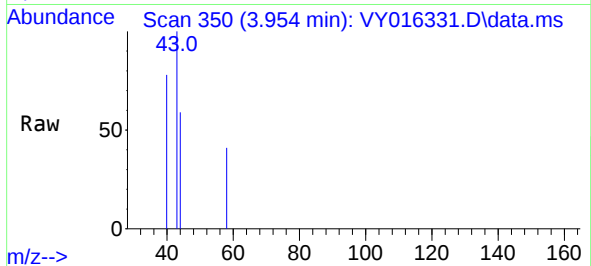
ClientSampleId :

Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

58 40.8 22.7 34.1#



#20

Methylene Chloride

Concen: 8.261 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.012 min

Lab File: VY016331.D

Acq: 13 Nov 2023 18:29

Tgt Ion: 84 Resp: 12203

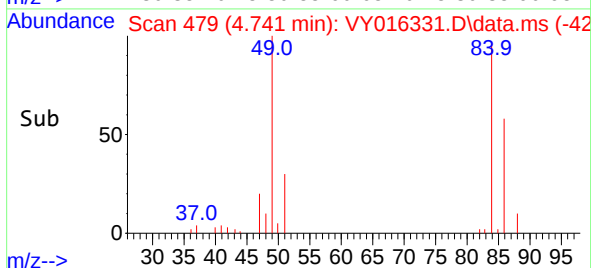
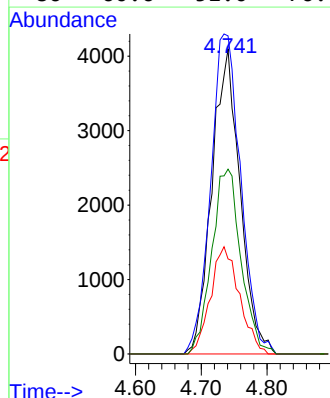
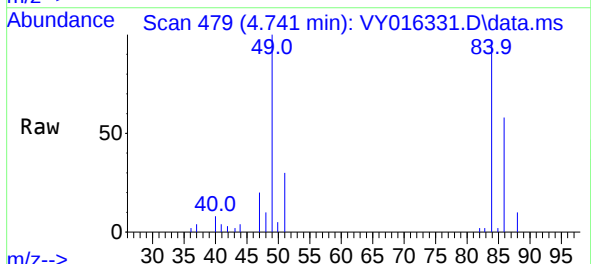
Ion Ratio Lower Upper

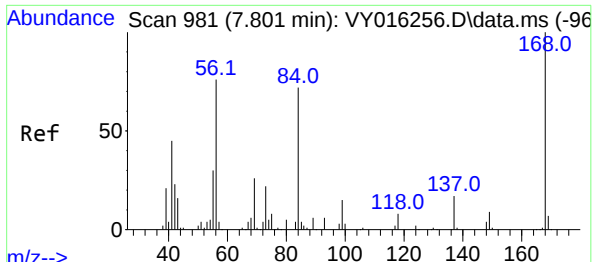
84 100

49 104.3 106.9 160.3#

51 31.2 33.2 49.8#

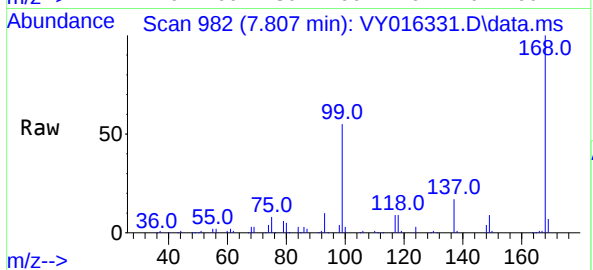
86 60.6 51.0 76.6



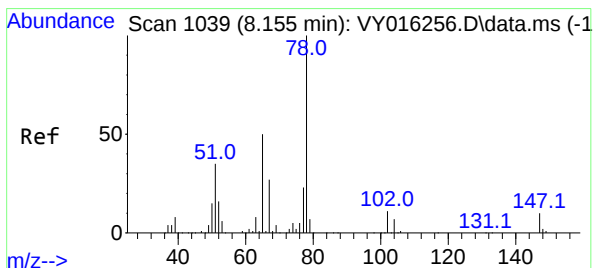
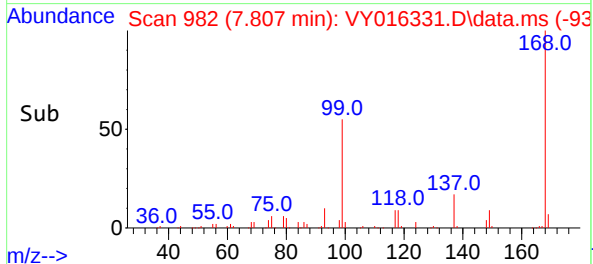
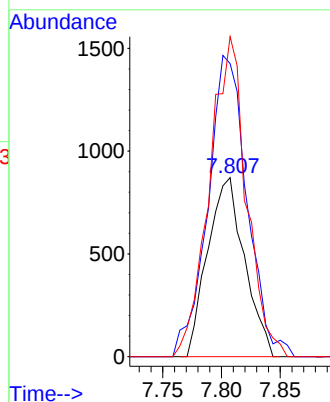


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :

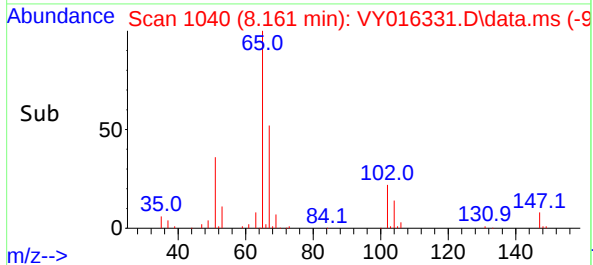
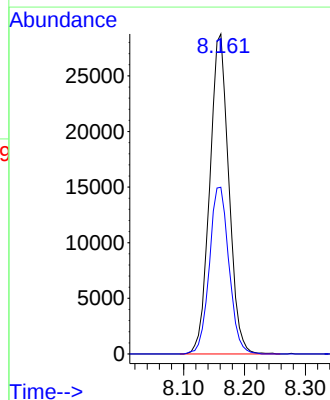
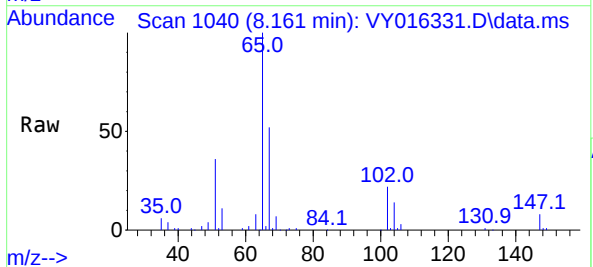


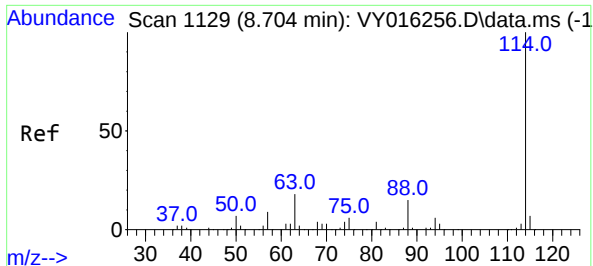
Tgt Ion: 56 Resp: 1900
Ion Ratio Lower Upper
56 100
69 154.5 27.8 41.6#
84 172.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.734 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Tgt Ion: 65 Resp: 62409
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

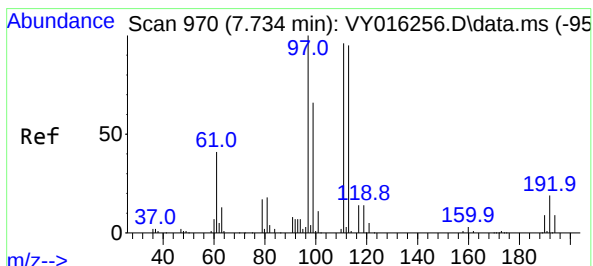
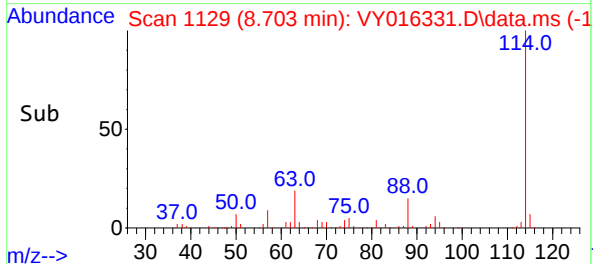
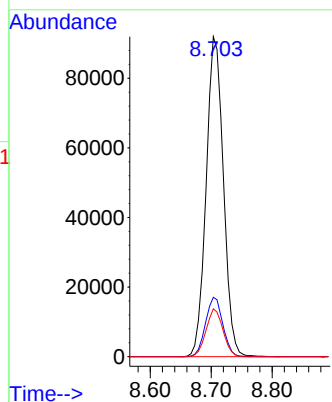
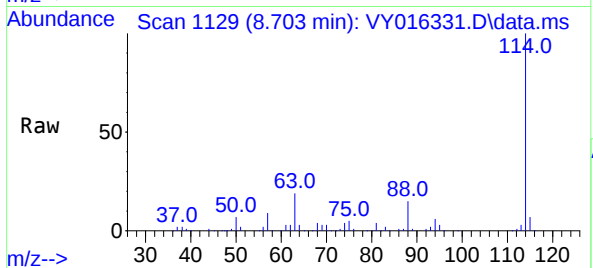




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

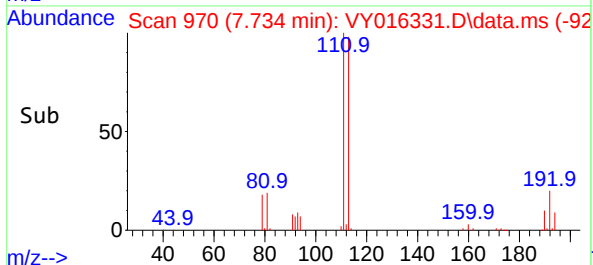
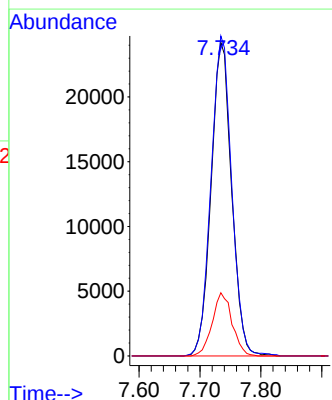
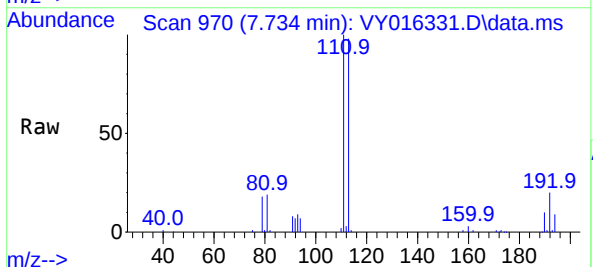
Instrument :
MSVOA_Y
ClientSampleId :

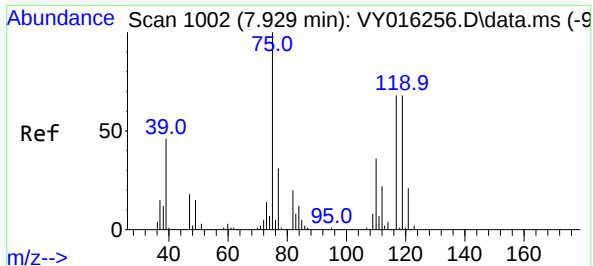
Tgt Ion:114 Resp: 180804
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.112 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Tgt Ion:113 Resp: 56604
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.640 ug/l

RT: 7.807 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY016331.D

Acq: 13 Nov 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

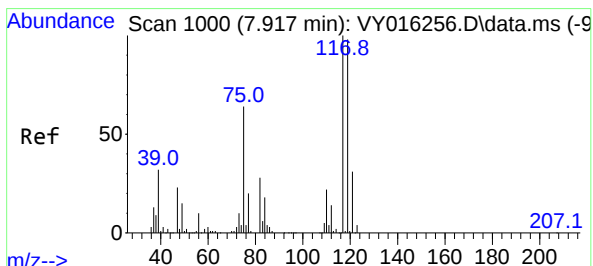
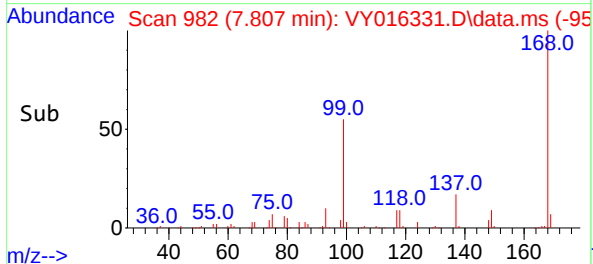
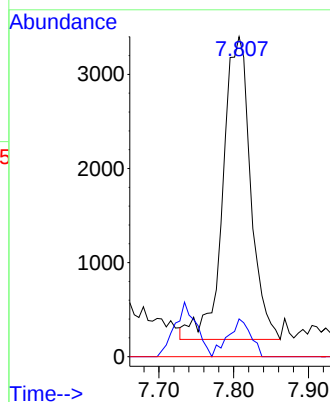
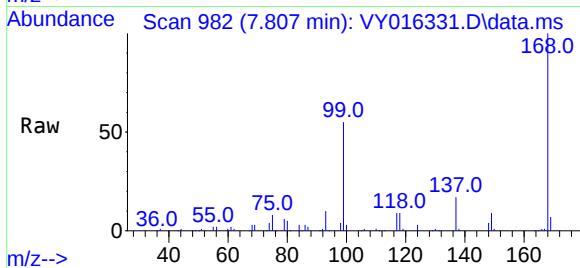
Tgt Ion: 75 Resp: 8276

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.432 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016331.D

Acq: 13 Nov 2023 18:29

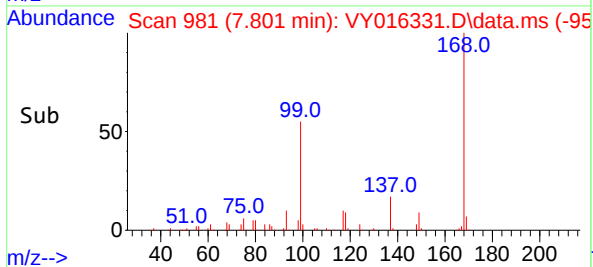
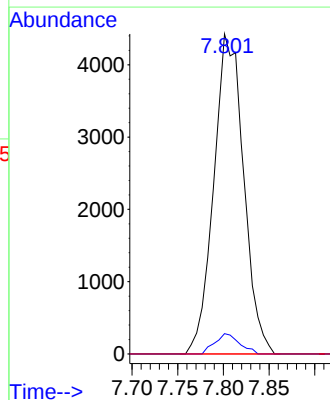
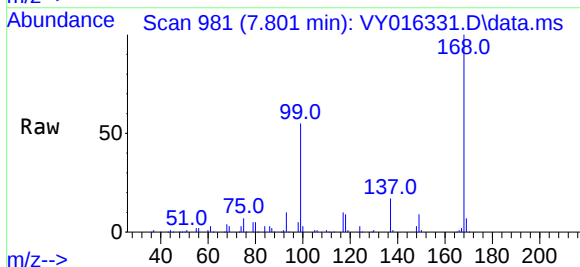
Tgt Ion: 117 Resp: 10055

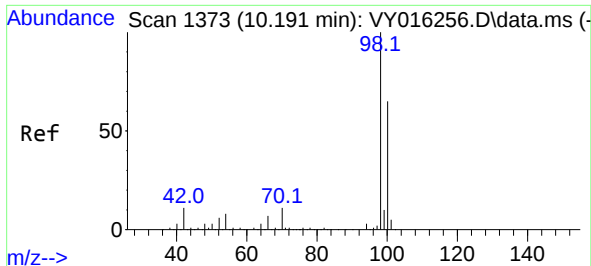
Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#

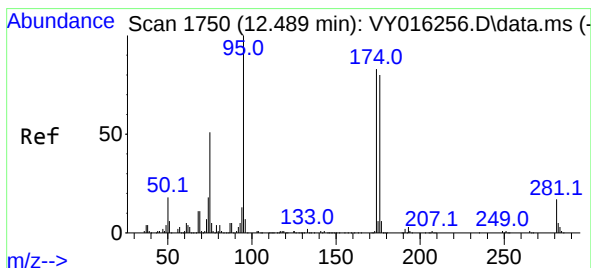
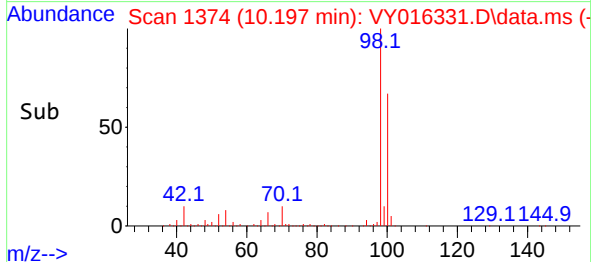
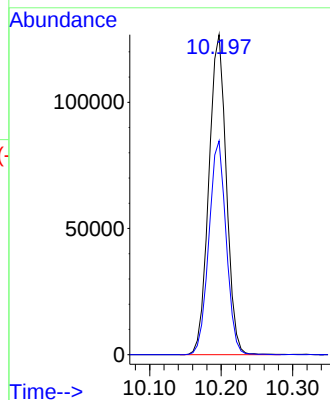
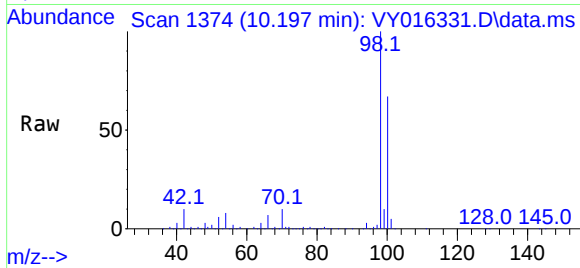




#50
Toluene-d8
Concen: 51.624 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

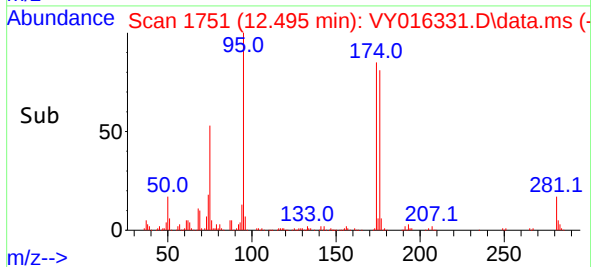
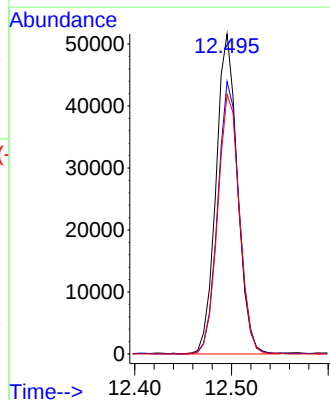
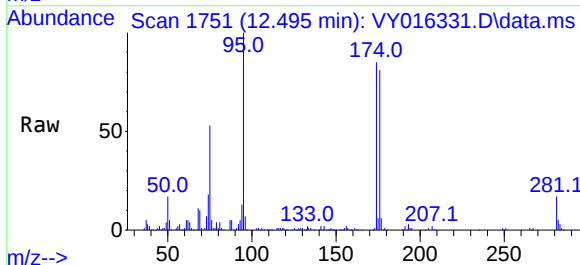
Instrument :
MSVOA_Y
ClientSampleId :

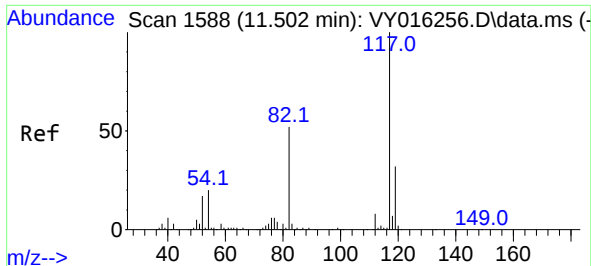
Tgt Ion: 98 Resp: 215015
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 58.668 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

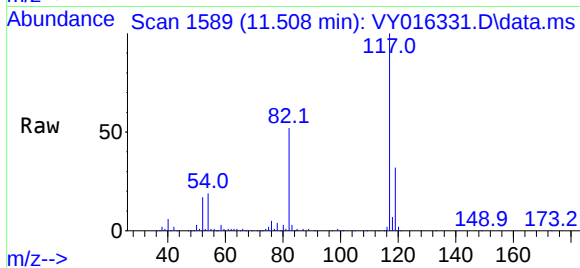
Tgt Ion: 95 Resp: 79362
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.1 0.0 173.8



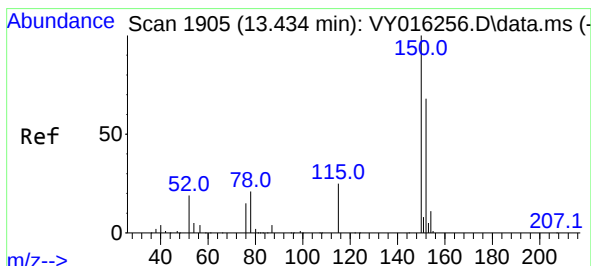
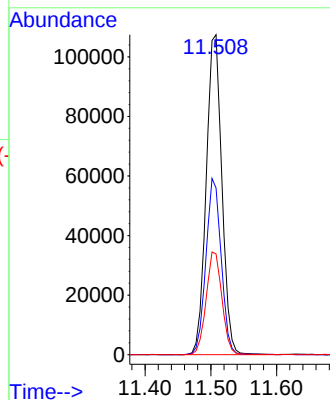
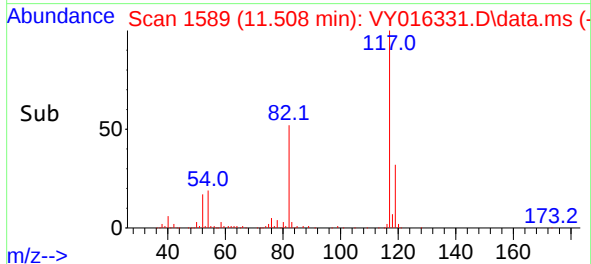


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :

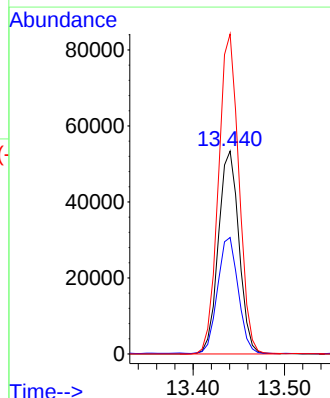
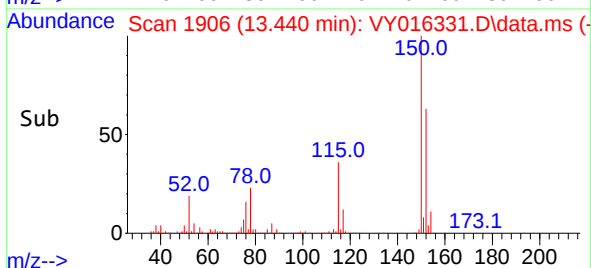
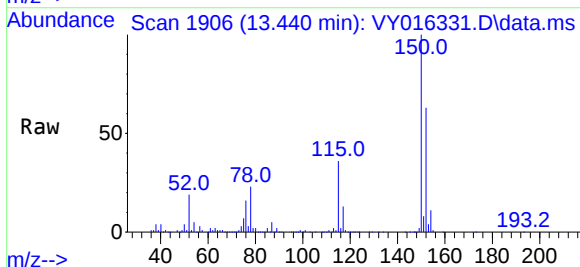


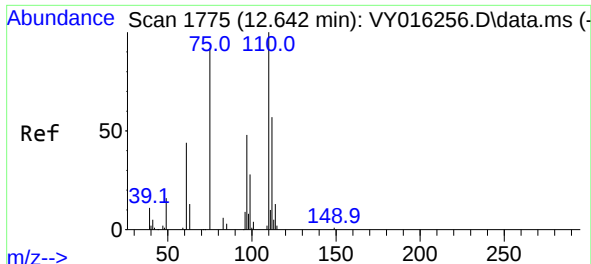
Tgt Ion:117 Resp: 178176
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

Tgt Ion:152 Resp: 83631
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 157.0 0.0 348.8

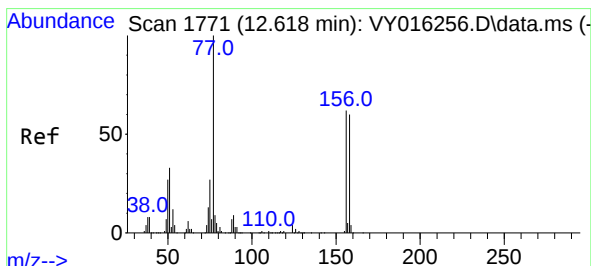
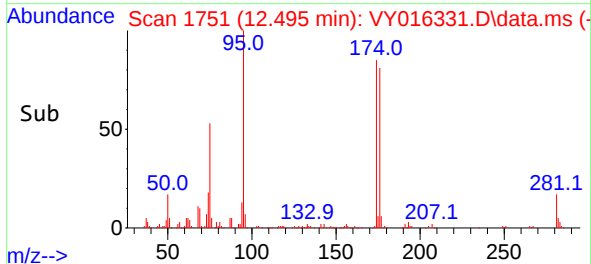
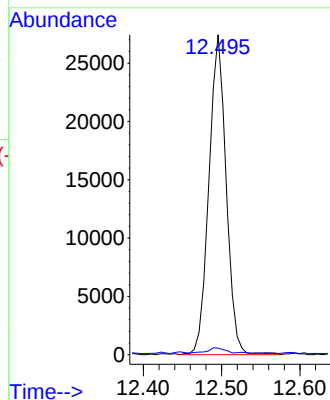
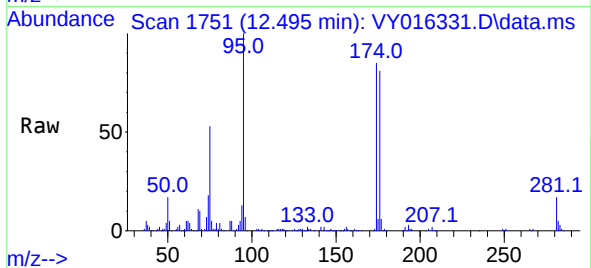




#76
1,2,3-Trichloropropane
Concen: 52.240 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

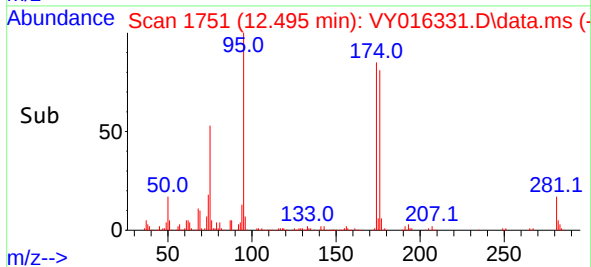
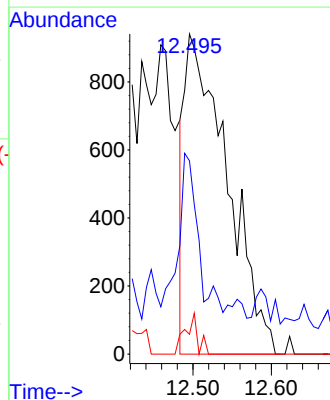
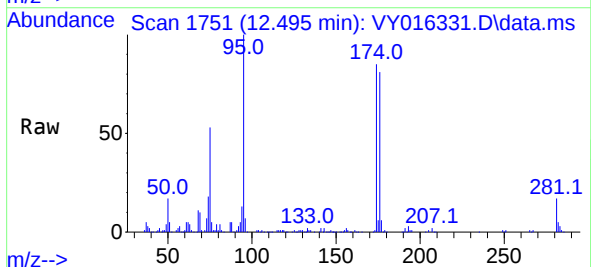
Instrument :
MSVOA_Y
ClientSampleId :

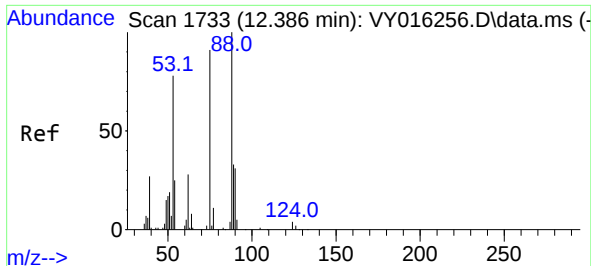
Tgt Ion: 75 Resp: 41910
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#77
Bromobenzene
Concen: 2.317 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.122 min
Lab File: VY016331.D
Acq: 13 Nov 2023 18:29

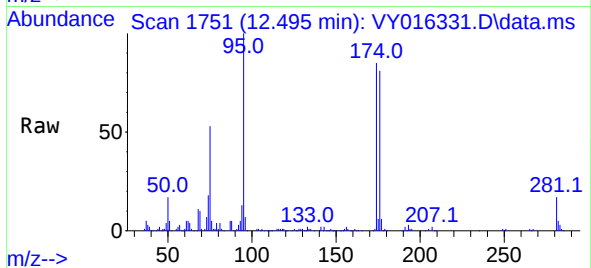
Tgt Ion:156 Resp: 3546
Ion Ratio Lower Upper
156 100
77 18.8 92.8 278.6#
158 3.8 48.4 145.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.391 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016331.D
 Acq: 13 Nov 2023 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 41910
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.7 37.4 56.0#

