

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016369.D
 Acq On : 15 Nov 2023 16:21
 Operator : SY/MD
 Sample : 05402-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:06:05 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)

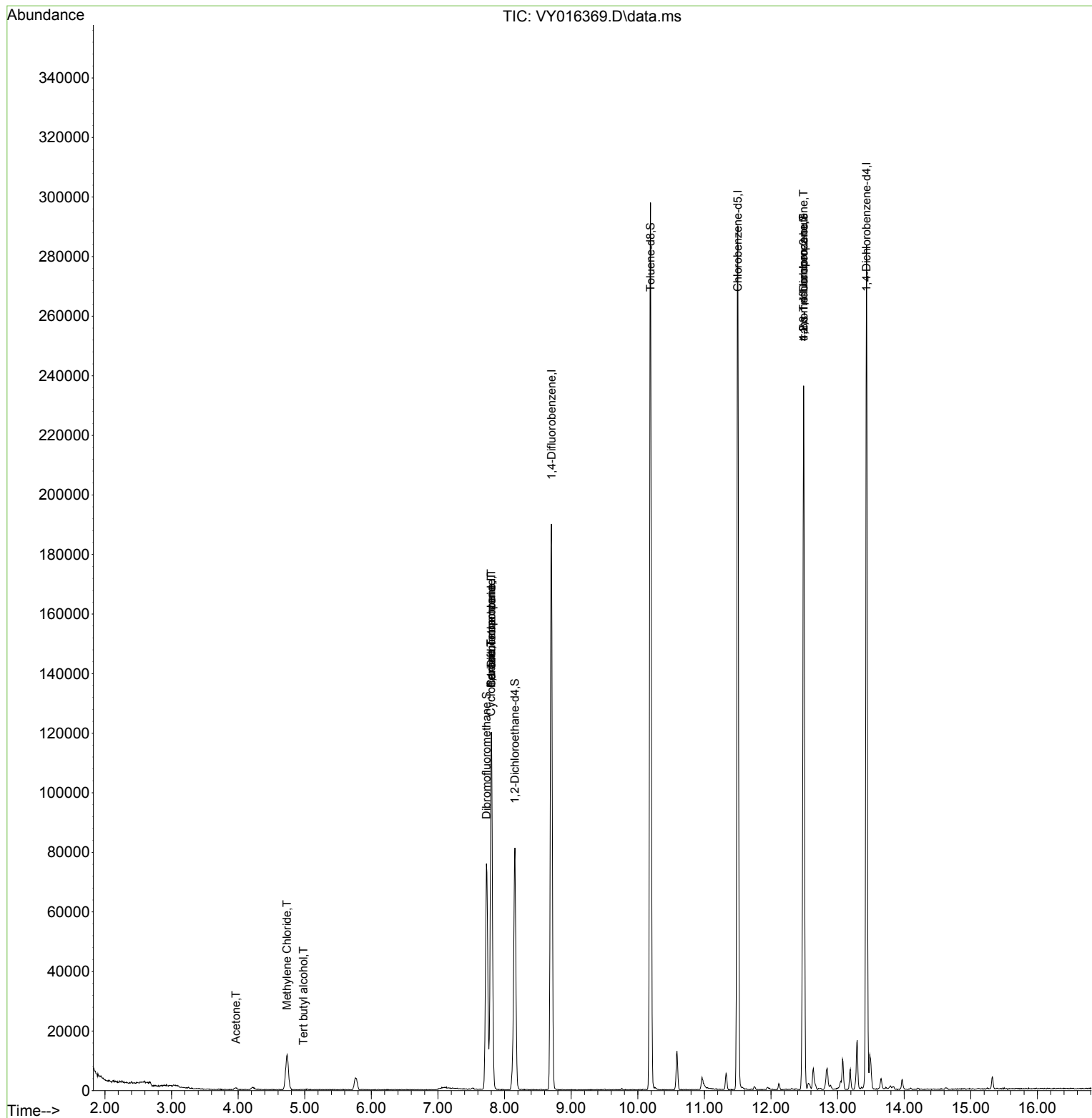
Internal Standards						
1) Pentafluorobenzene	7.801	168	94449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	169432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60803	70.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.880%	
35) Dibromofluoromethane	7.728	113	54389	56.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.020%	
50) Toluene-d8	10.191	98	199567	51.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.489	95	69689	54.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	169	2.500	ug/l #	89
16) Acetone	3.967	43	1233	8.635	ug/l #	89
20) Methylene Chloride	4.735	84	9186	6.047	ug/l #	81
31) Cyclohexane	7.795	56	1819	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7007	4.193	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9187	5.297	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	36090	50.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36090	110.326	ug/l #	11

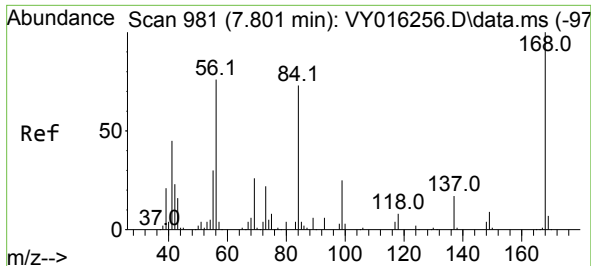
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
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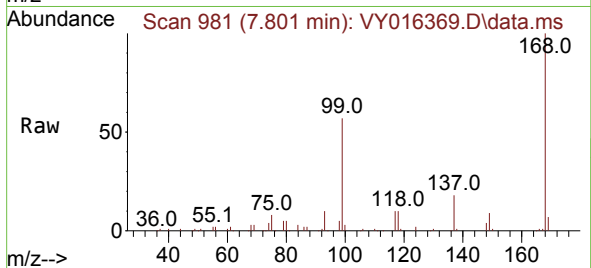
Quant Time: Nov 16 00:06:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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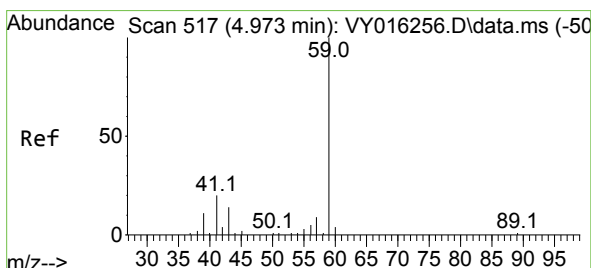
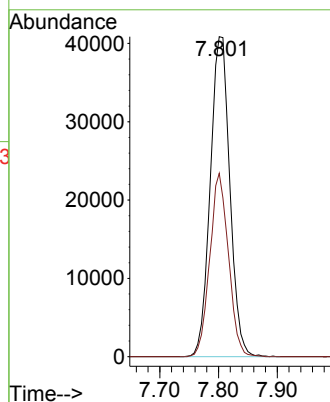
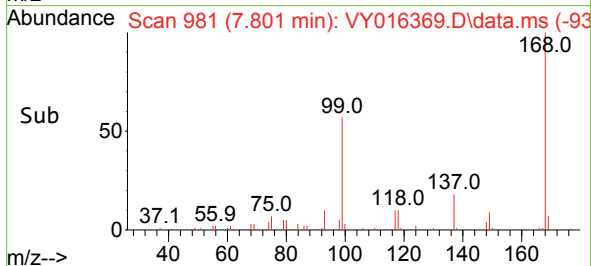


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

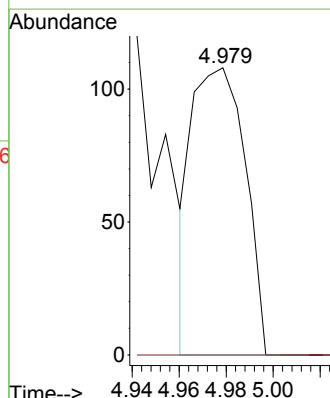
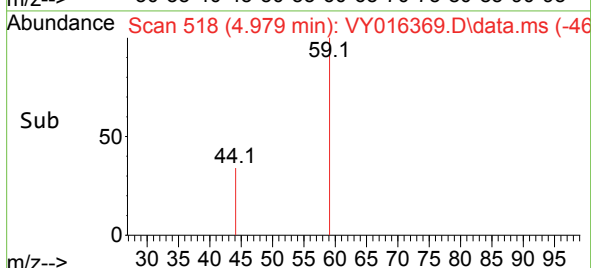
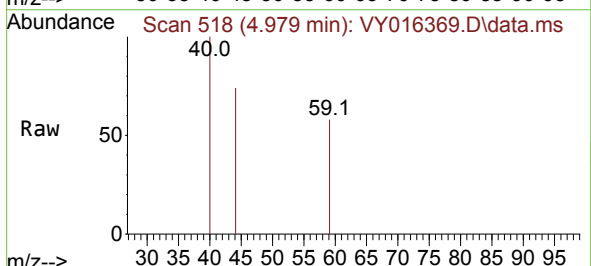


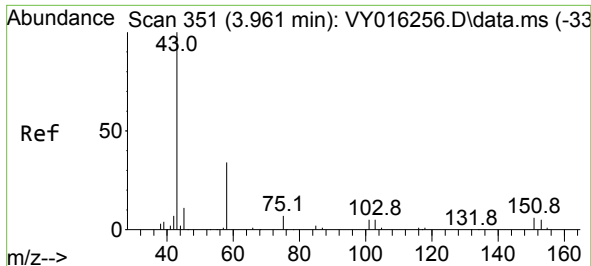
Tgt Ion:168 Resp: 94449
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.500 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

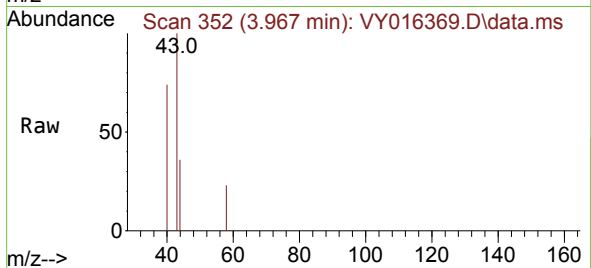
Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



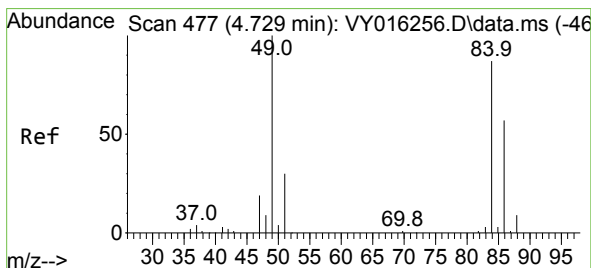
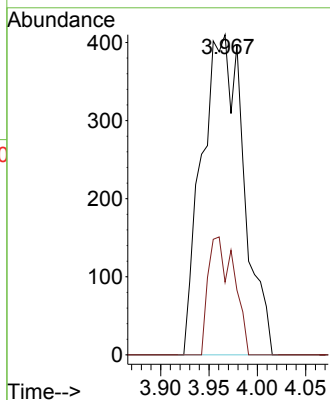
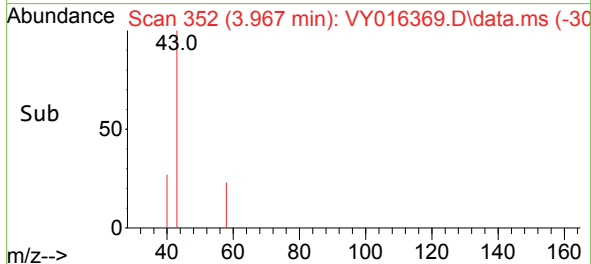


#16
Acetone
Concen: 8.635 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

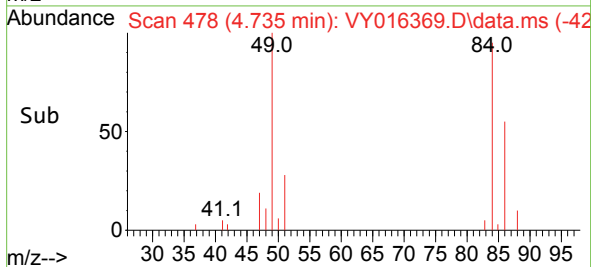
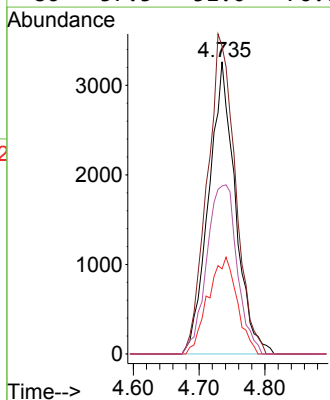
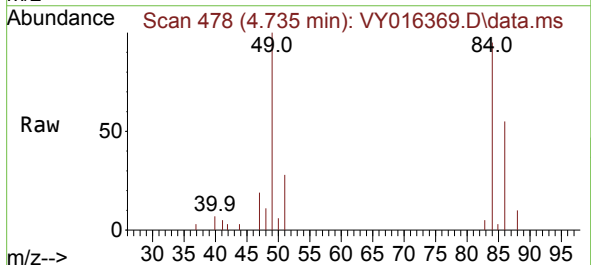


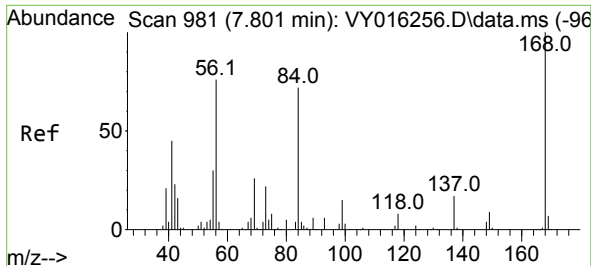
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 22.7 22.7 34.1#



#20
Methylene Chloride
Concen: 6.047 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

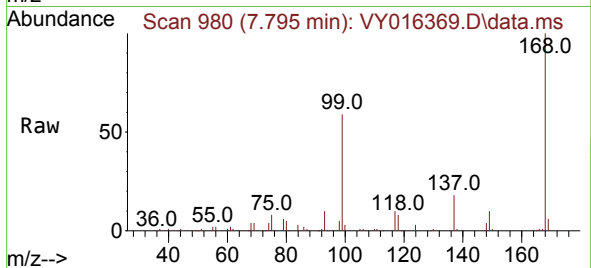
Tgt Ion: 84 Resp: 9186
Ion Ratio Lower Upper
84 100
49 105.4 106.9 160.3#
51 29.1 33.2 49.8#
86 57.5 51.0 76.6



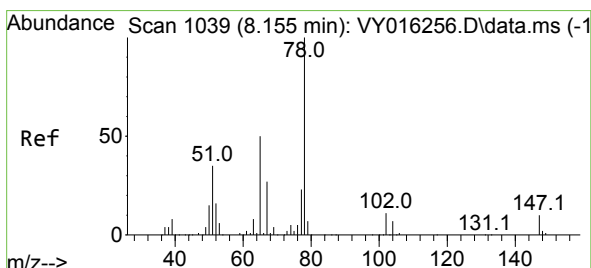
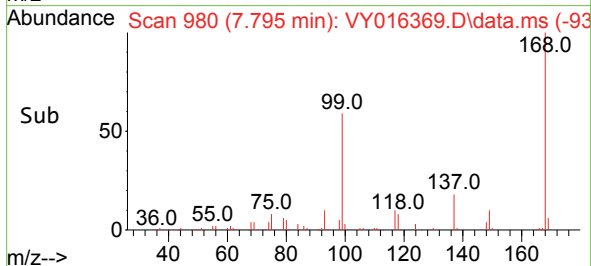
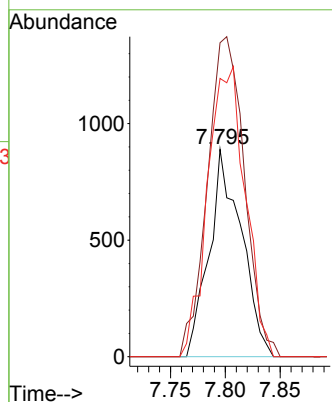


#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

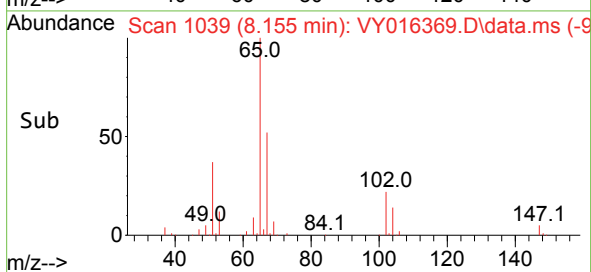
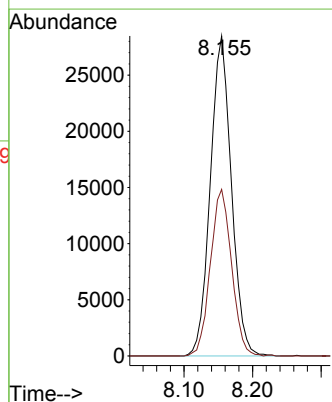
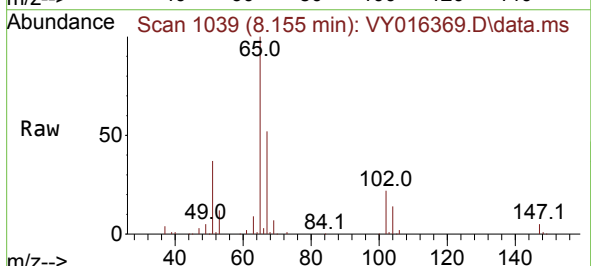


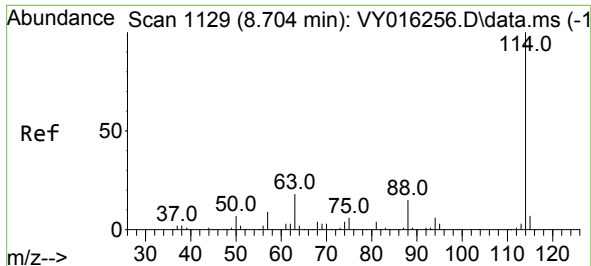
Tgt Ion: 56 Resp: 1819
Ion Ratio Lower Upper
56 100
69 151.3 27.8 41.6#
84 134.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.437 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 65 Resp: 60803
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

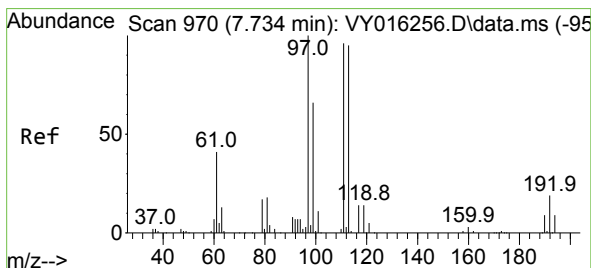
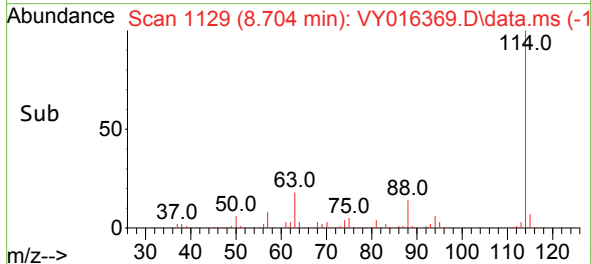
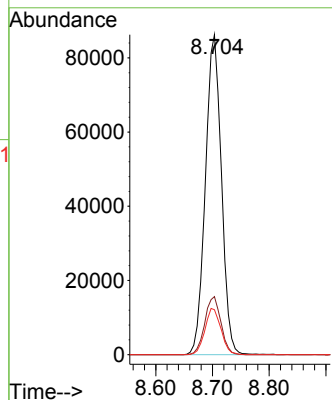
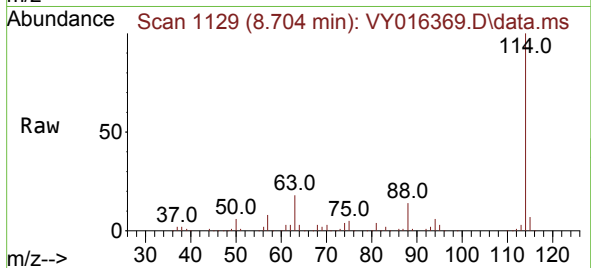
Tgt Ion:114 Resp: 169432

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.509 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

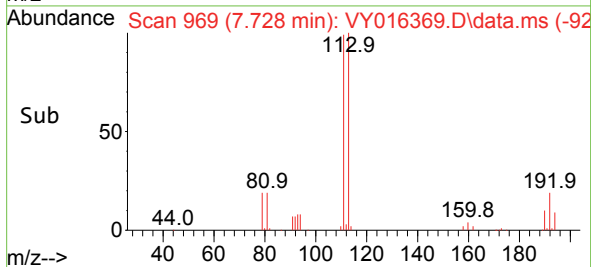
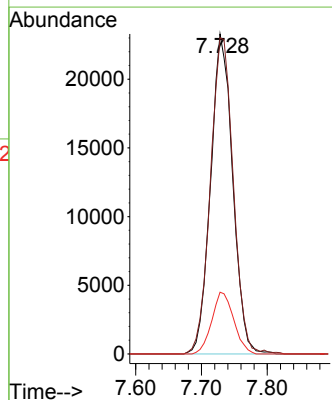
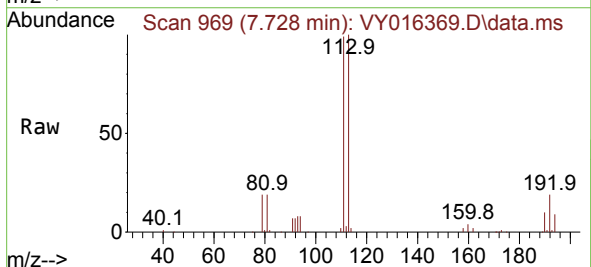
Tgt Ion:113 Resp: 54389

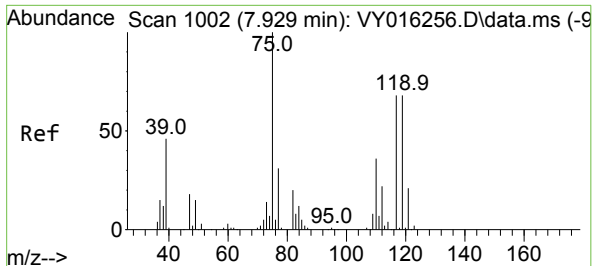
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.193 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

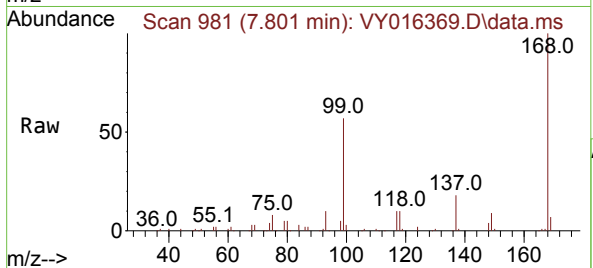
Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

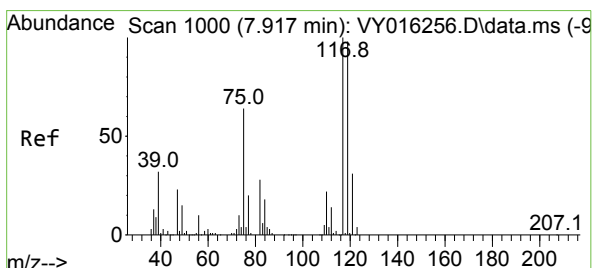
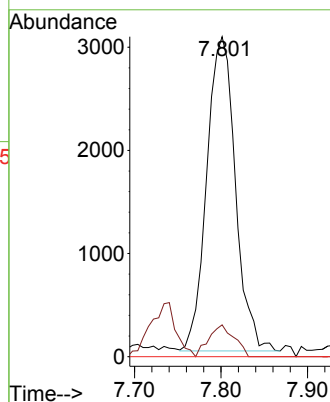
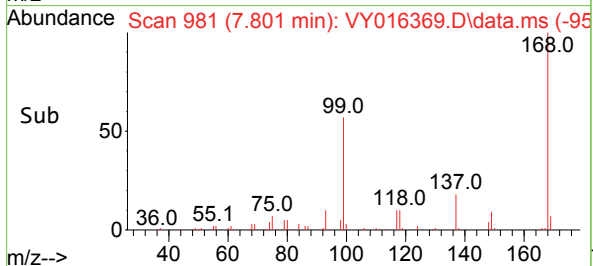
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7007
Ion Ratio	Lower Upper
75	100
110	8.9 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.297 ug/l

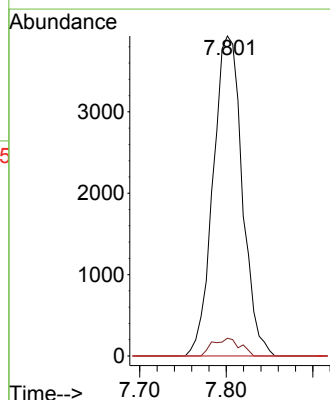
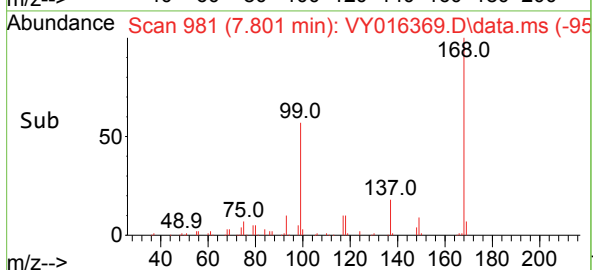
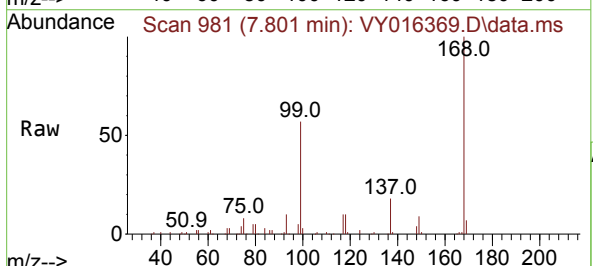
RT: 7.801 min Scan# 981

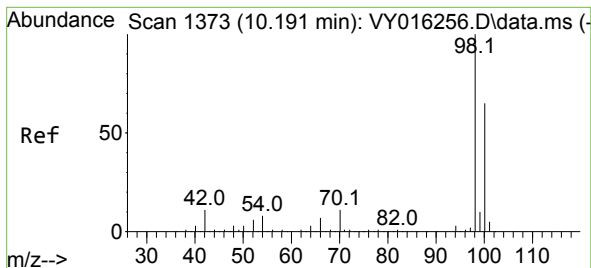
Delta R.T. -0.116 min

Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

Tgt Ion: 117	Resp: 9187
Ion Ratio	Lower Upper
117	100
119	5.6 76.4 114.6#
121	0.0 25.8 38.6#

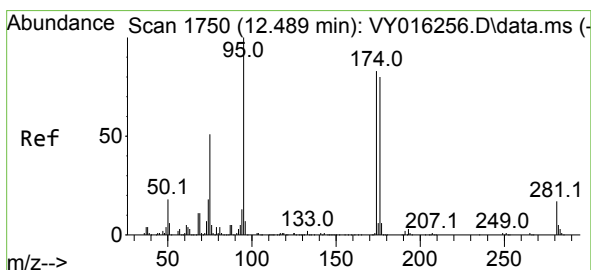
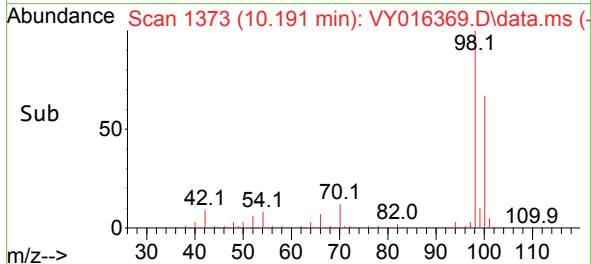
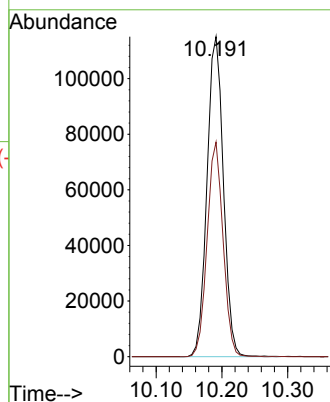
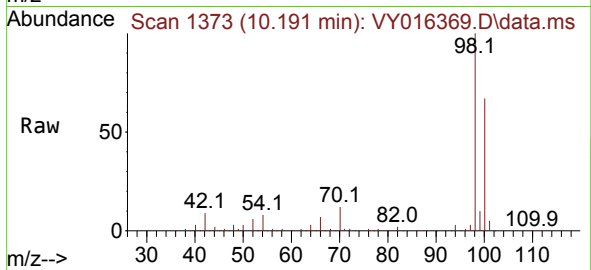




#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

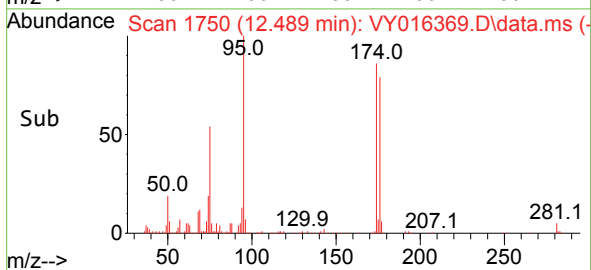
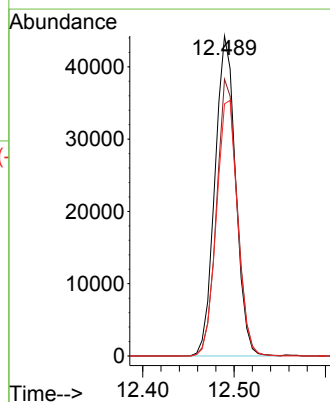
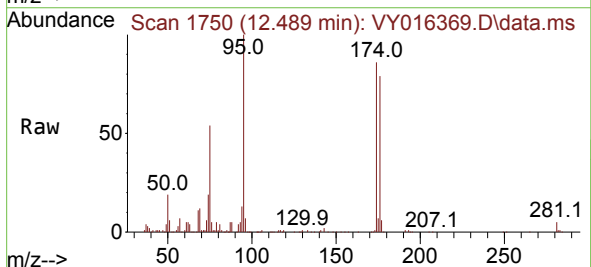
Instrument :
MSVOA_Y
ClientSampleId :

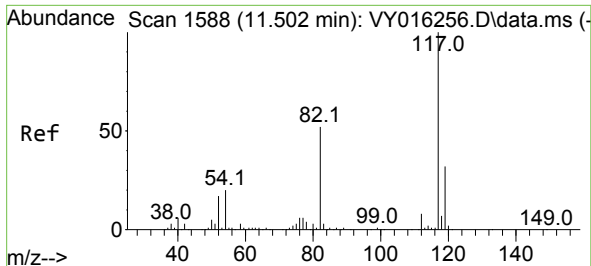
Tgt Ion: 98 Resp: 199567
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.975 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 95 Resp: 69689
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

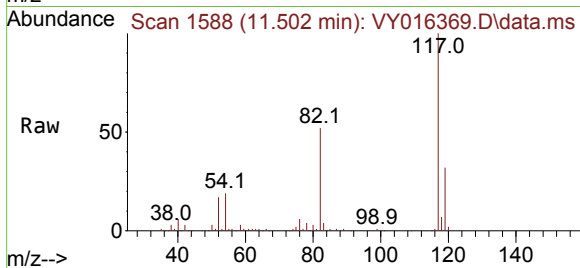
Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :



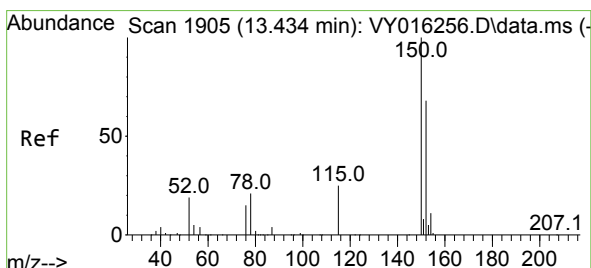
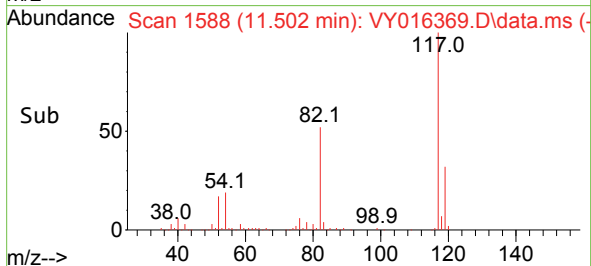
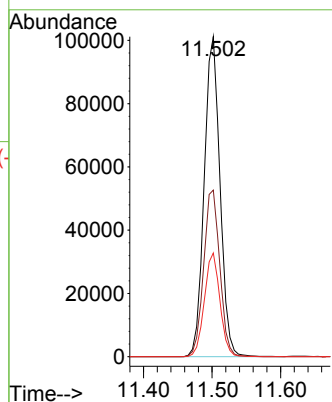
Tgt Ion:117 Resp: 162463

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 32.4 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: VY016369.D

Acq: 15 Nov 2023 16:21

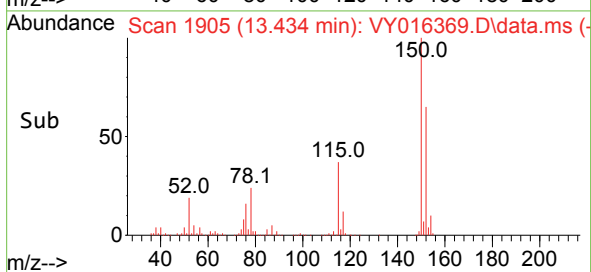
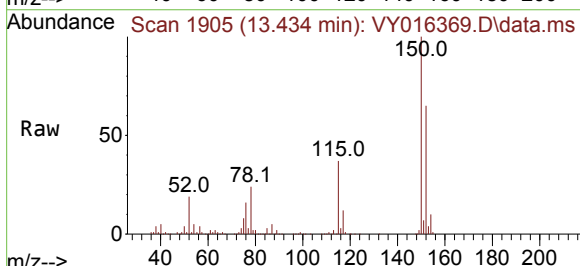
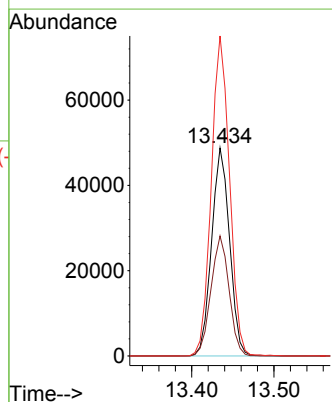
Tgt Ion:152 Resp: 74018

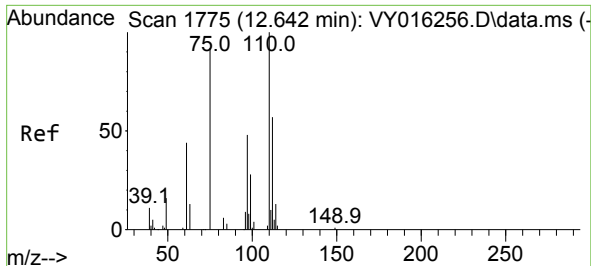
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 155.8 0.0 348.8

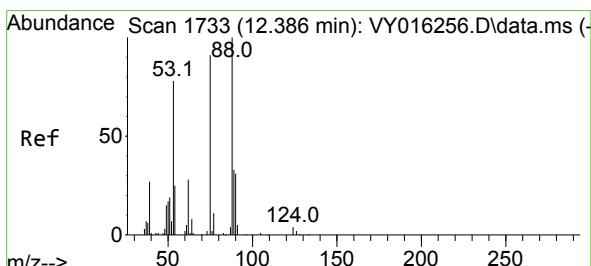
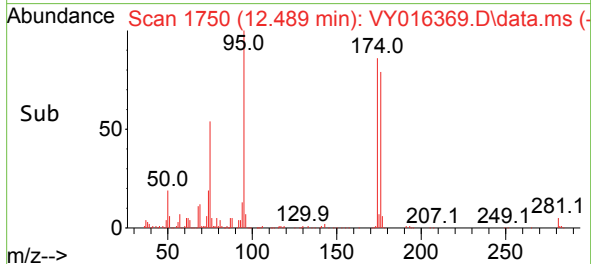
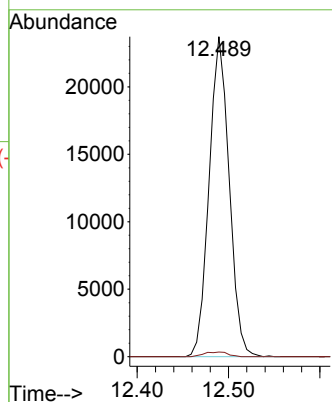
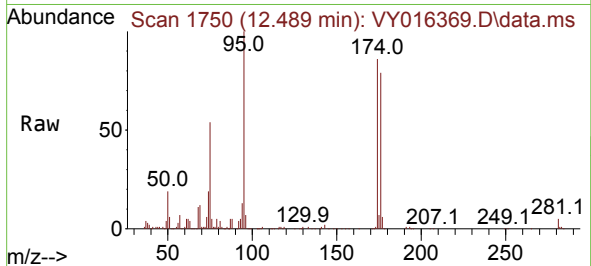




#76
1,2,3-Trichloropropane
Concen: 50.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36090
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.326 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 75 Resp: 36090
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

