

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016400.D
 Acq On : 16 Nov 2023 19:11
 Operator : SY/MD
 Sample : 05449-08
 Misc : 3.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SED-03-G

Quant Time: Nov 17 05:20:10 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)

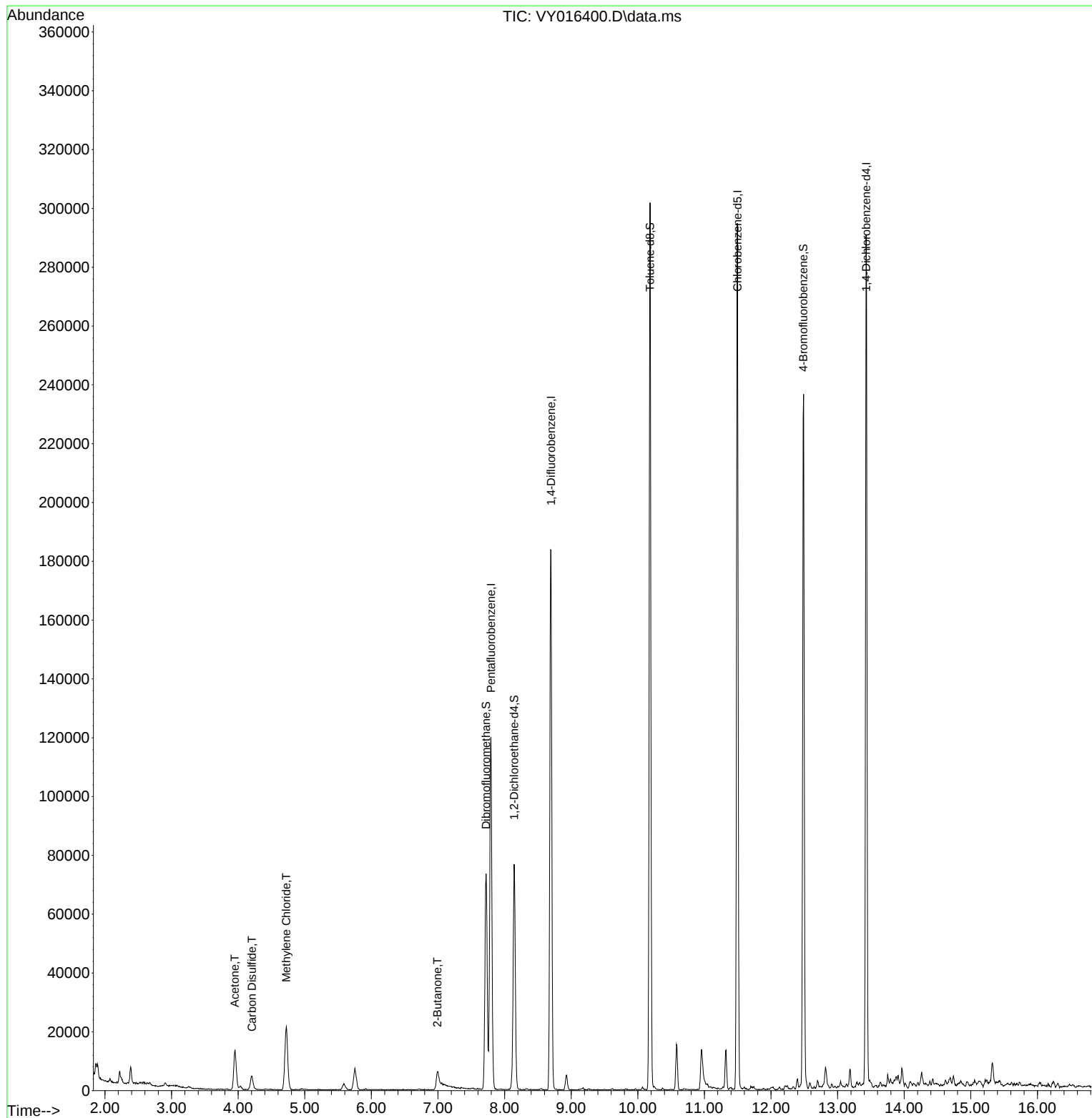
Internal Standards						
1) Pentafluorobenzene	7.795	168	95466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	167225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58172	66.671	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.340%
35) Dibromofluoromethane	7.722	113	52962	55.753	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.500%
50) Toluene-d8	10.185	98	199858	51.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.483	95	70742	56.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.080%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	23550	163.172	ug/l	93
17) Carbon Disulfide	4.204	76	7052	2.423	ug/l	99
20) Methylene Chloride	4.722	84	16554	13.710	ug/l #	84
25) 2-Butanone	6.990	43	9835	38.905	ug/l	100

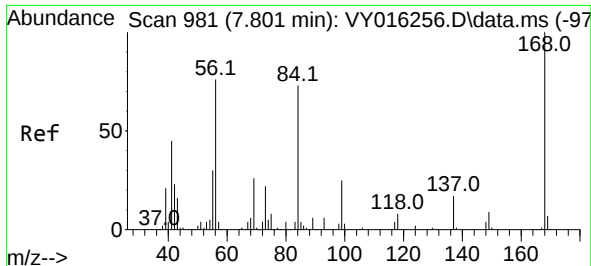
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
Data File : VY016400.D
Acq On : 16 Nov 2023 19:11
Operator : SY/MD
Sample : 05449-08
Misc : 3.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-03-G

Quant Time: Nov 17 05:20:10 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

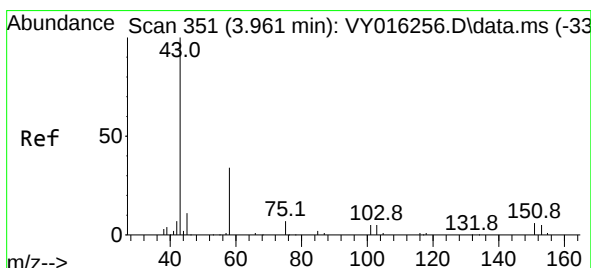
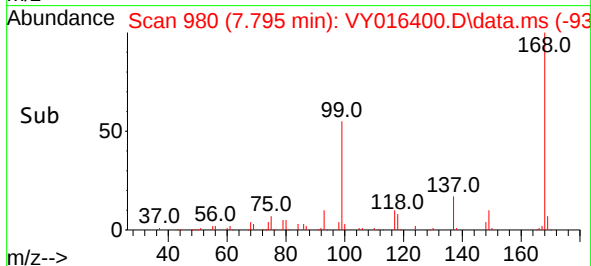
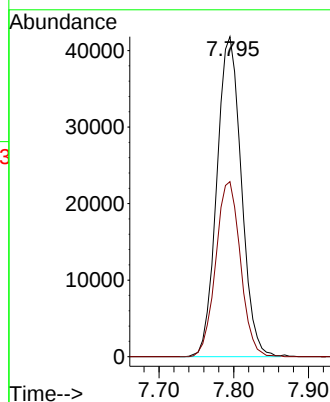
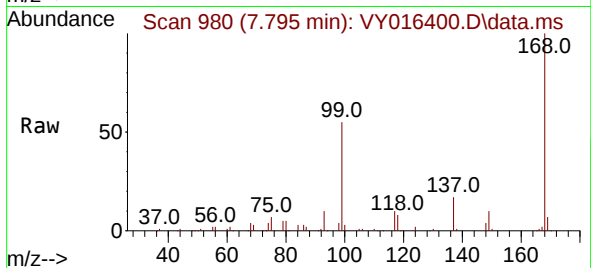




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

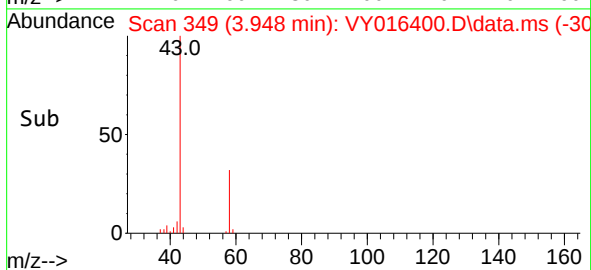
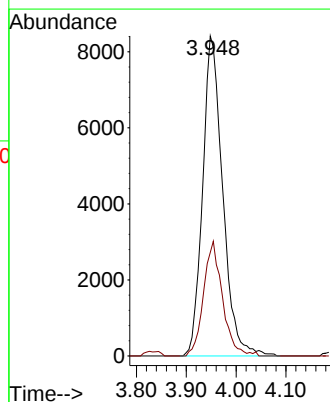
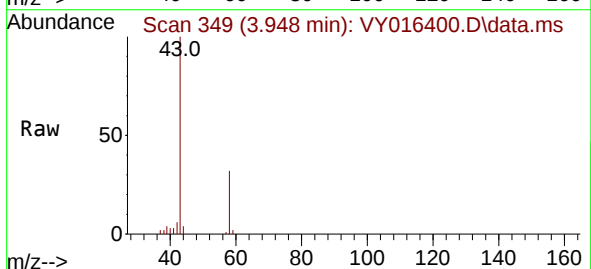
Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-03-G

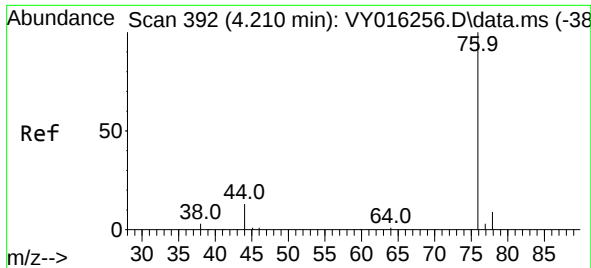
Tgt Ion:168 Resp: 95466
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 163.172 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

Tgt Ion: 43 Resp: 23550
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1





#17

Carbon Disulfide

Concen: 2.423 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

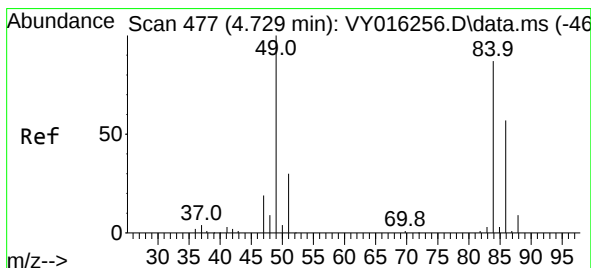
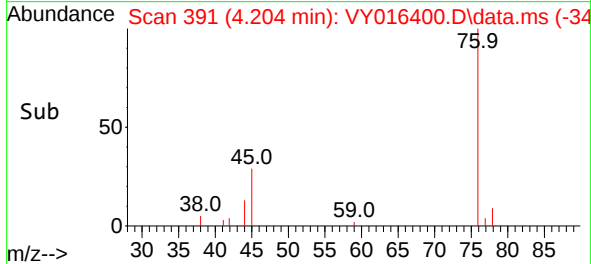
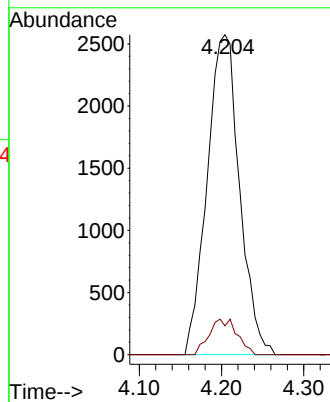
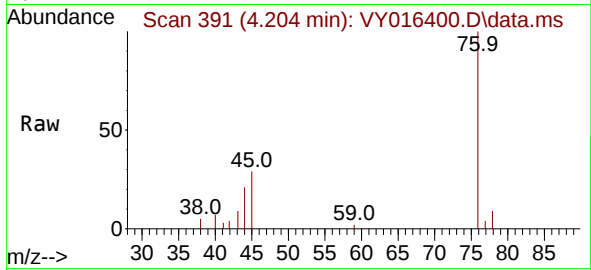
WC-SED-03-G

Tgt Ion: 76 Resp: 7052

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#20

Methylene Chloride

Concen: 13.710 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

Tgt Ion: 84 Resp: 16554

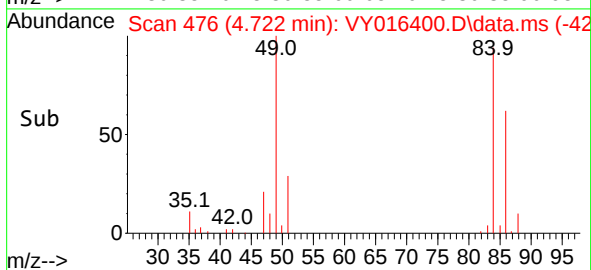
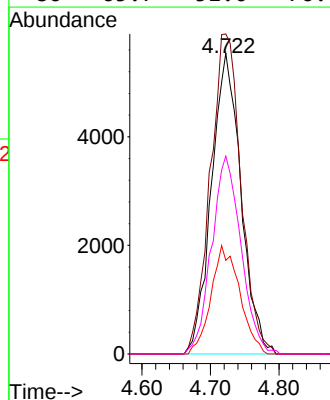
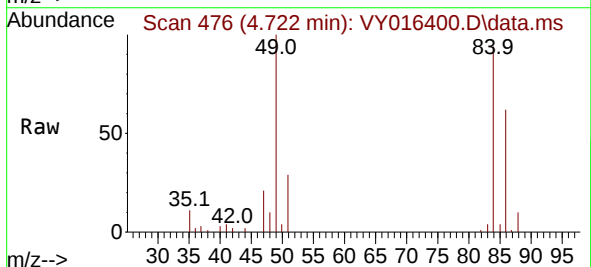
Ion Ratio Lower Upper

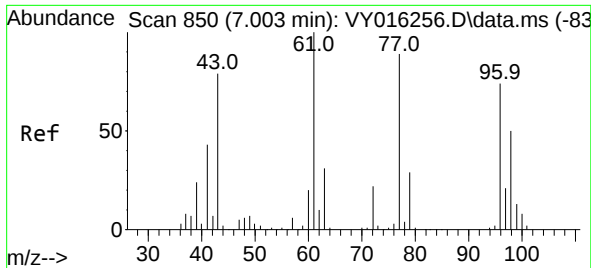
84 100

49 106.4 106.9 160.3#

51 31.1 33.2 49.8#

86 65.7 51.0 76.6

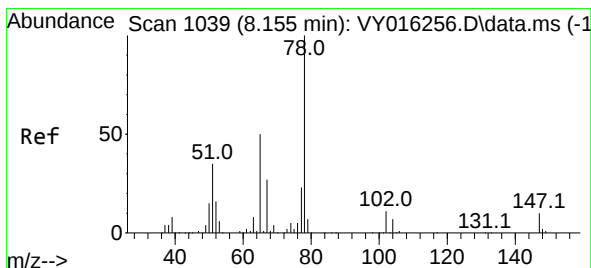
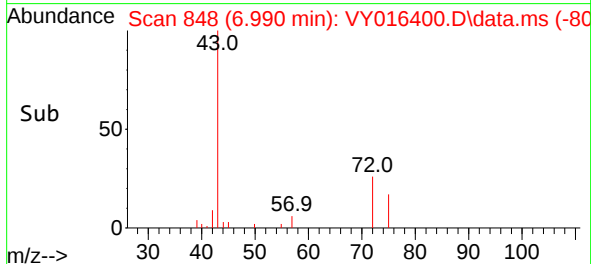
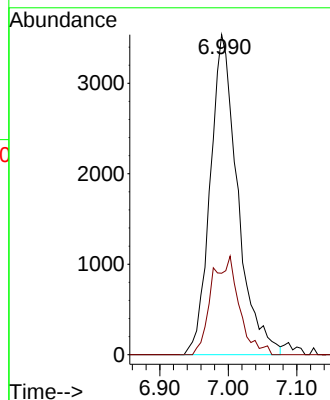
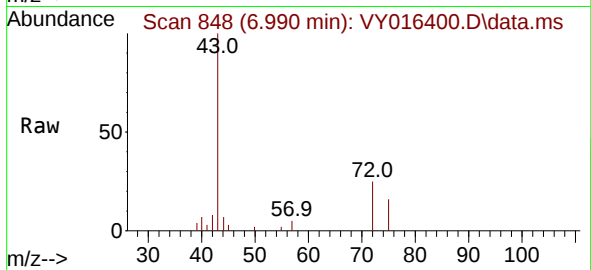




#25
2-Butanone
Concen: 38.905 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

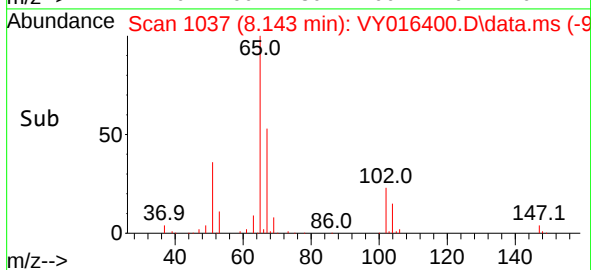
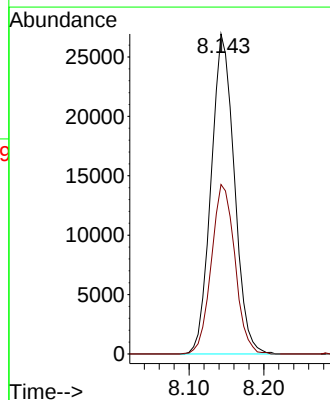
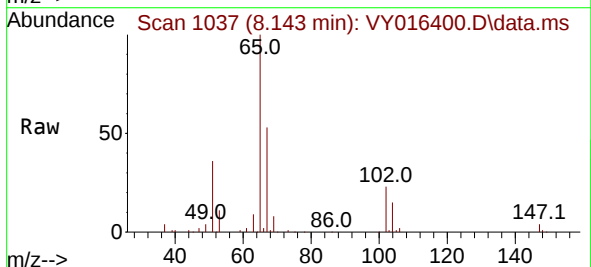
Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-03-G

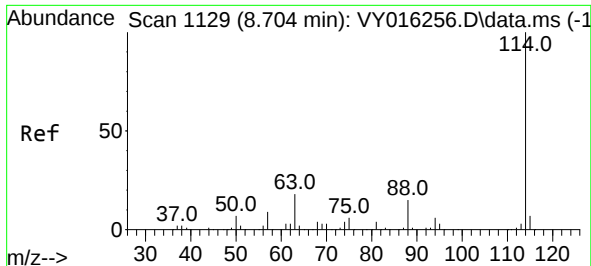
Tgt Ion: 43 Resp: 9835
Ion Ratio Lower Upper
43 100
72 25.4 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 66.671 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

Tgt Ion: 65 Resp: 58172
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-SED-03-G

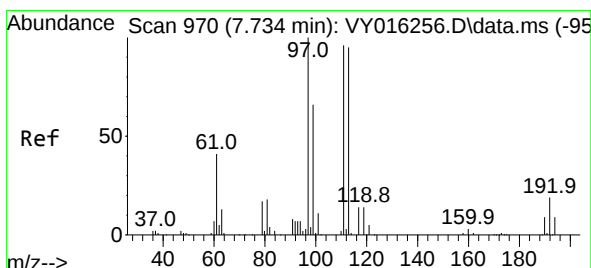
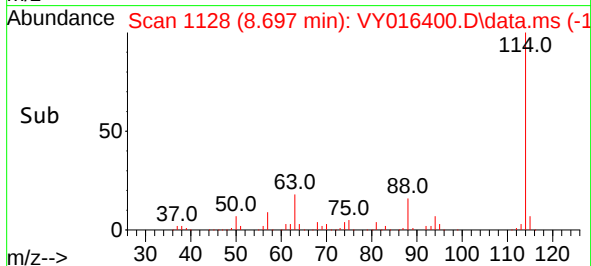
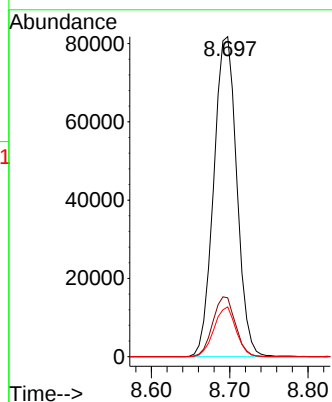
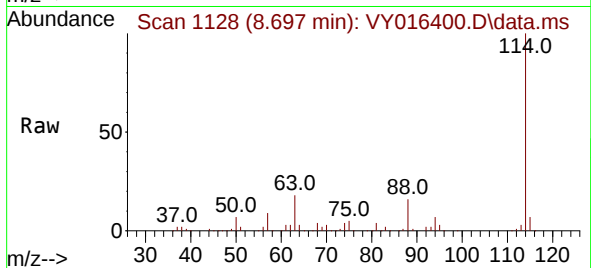
Tgt Ion:114 Resp: 167225

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.753 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

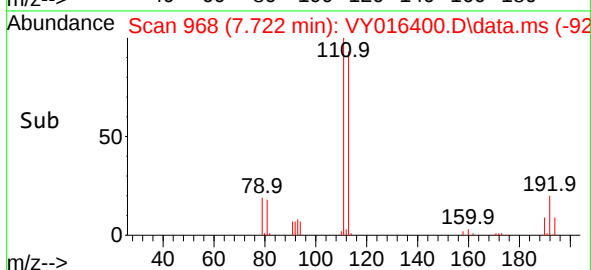
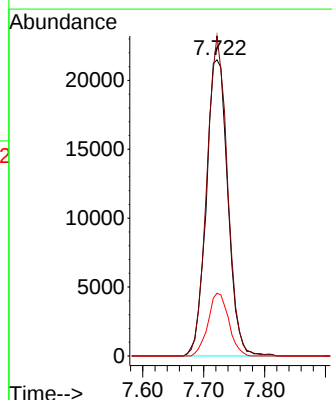
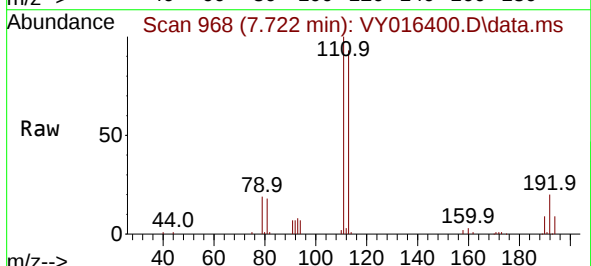
Tgt Ion:113 Resp: 52962

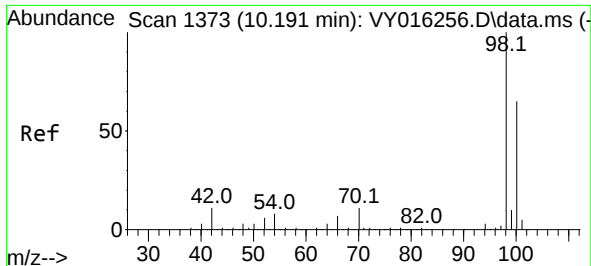
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.3 16.9 25.3

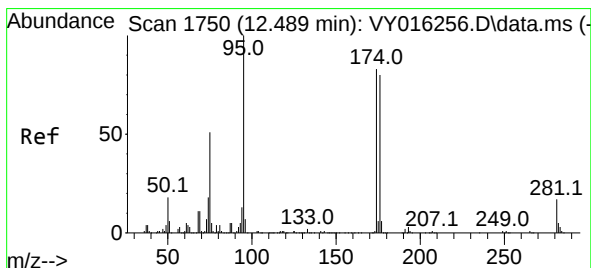
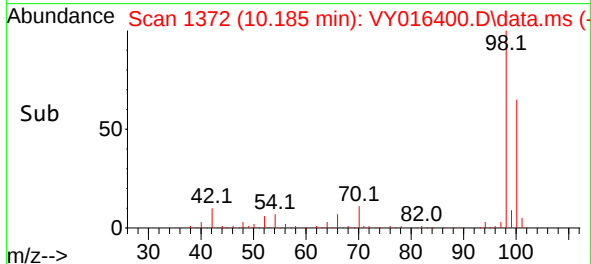
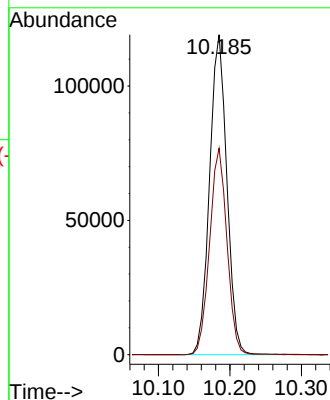
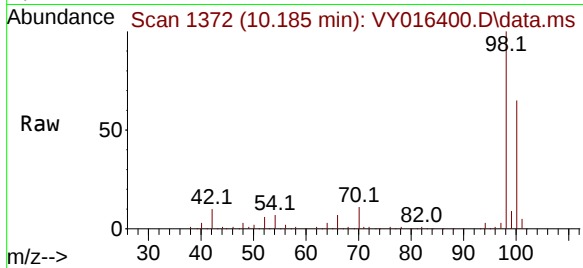




#50
Toluene-d8
Concen: 51.881 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

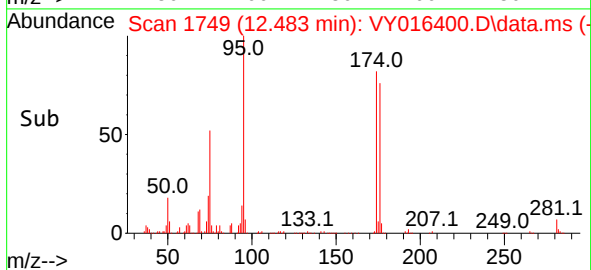
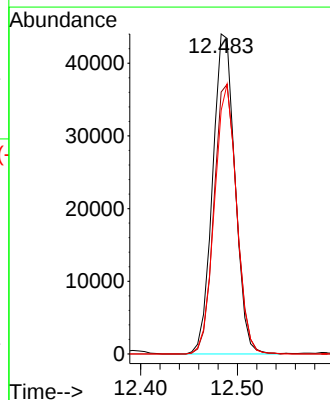
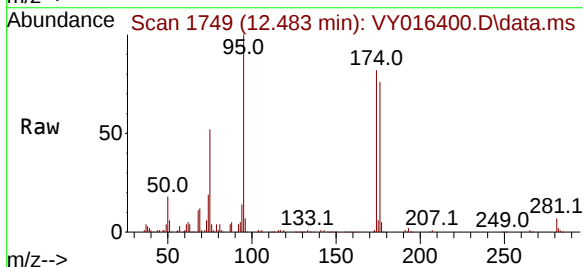
Instrument :
MSVOA_Y
ClientSampleId :
WC-SED-03-G

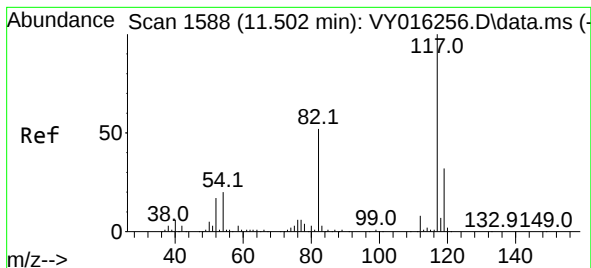
Tgt Ion: 98 Resp: 199858
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.542 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016400.D
Acq: 16 Nov 2023 19:11

Tgt Ion: 95 Resp: 70742
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-SED-03-G

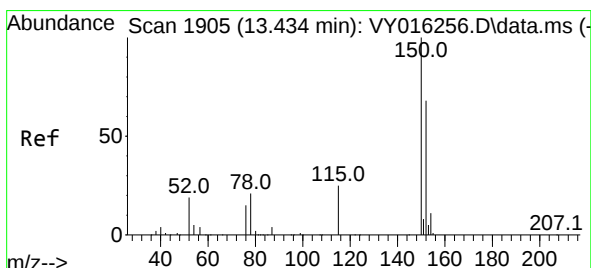
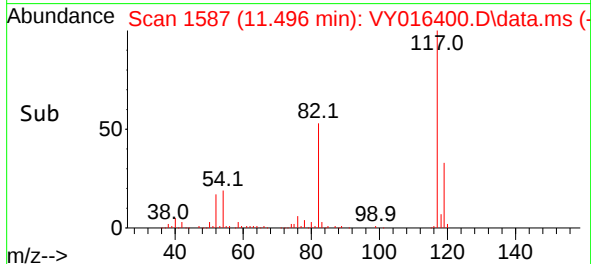
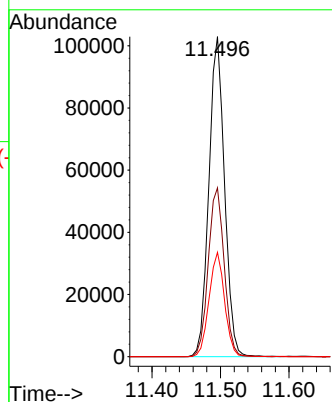
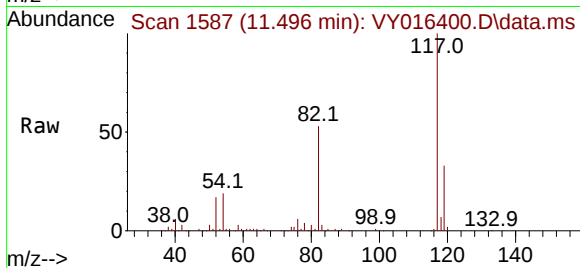
Tgt Ion:117 Resp: 163594

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016400.D

Acq: 16 Nov 2023 19:11

Tgt Ion:152 Resp: 76352

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.8 0.0 348.8

