

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016878.D
 Acq On : 27 Dec 2023 15:23
 Operator : SY/MD
 Sample : 05994-12
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-D-GRAB

Quant Time: Dec 28 03:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

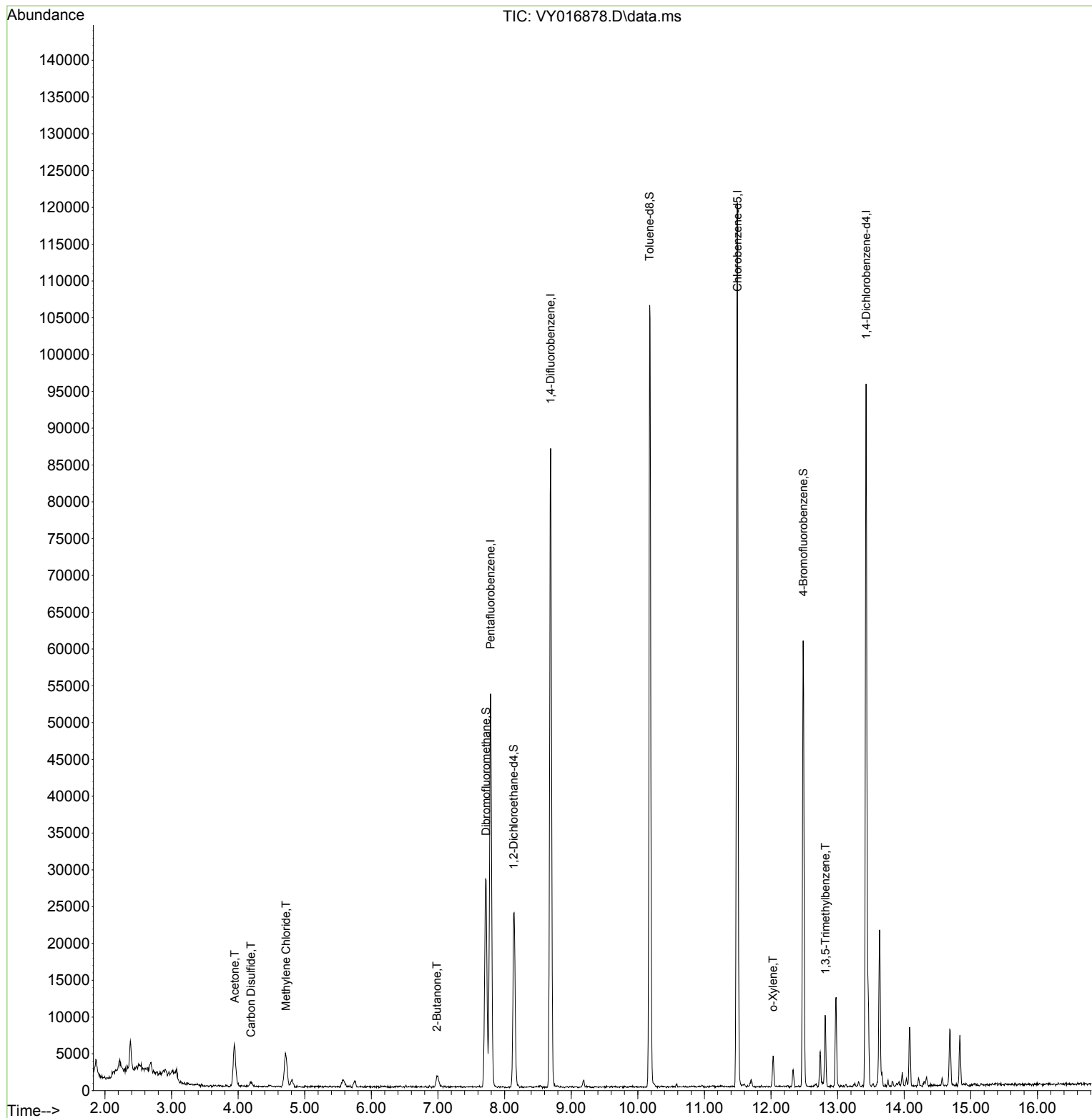
Internal Standards						
1) Pentafluorobenzene	7.789	168	39076	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	72890	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	66103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18728	52.500	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.000%	
35) Dibromofluoromethane	7.722	113	20905	50.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.179	98	71495	47.500	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.000%	
62) 4-Bromofluorobenzene	12.483	95	18907	38.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10234	106.094	ug/l	93
17) Carbon Disulfide	4.192	76	1327	1.322	ug/l #	83
20) Methylene Chloride	4.716	84	3483	4.287	ug/l	96
25) 2-Butanone	6.984	43	3038	22.875	ug/l	92
69) o-Xylene	12.032	106	1244	1.536	ug/l	86
80) 1,3,5-Trimethylbenzene	12.818	105	5230	3.644	ug/l	95

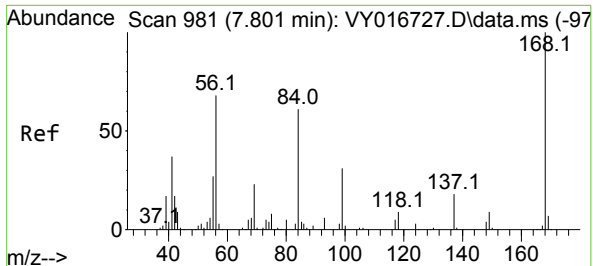
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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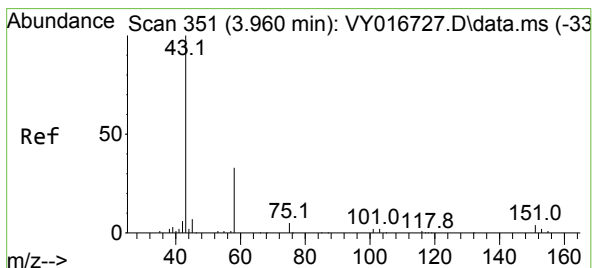
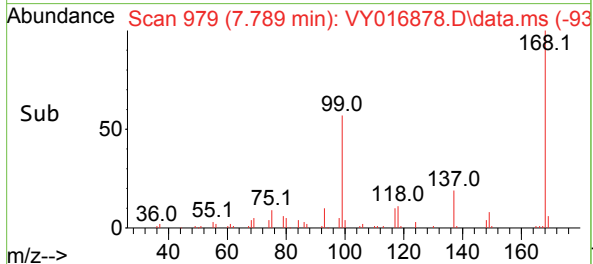
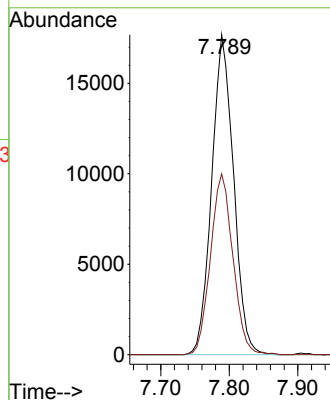
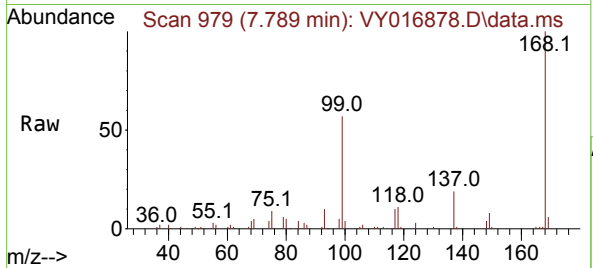




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

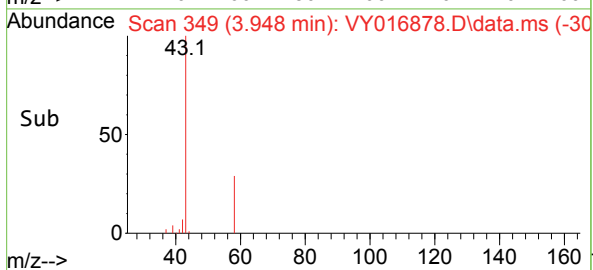
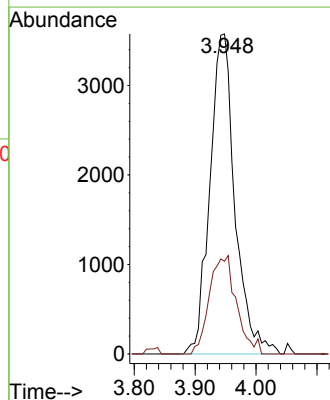
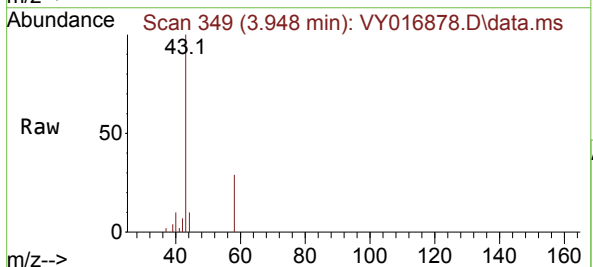
Instrument :
MSVOA_Y
ClientSampleId :
WC-D-GRAB

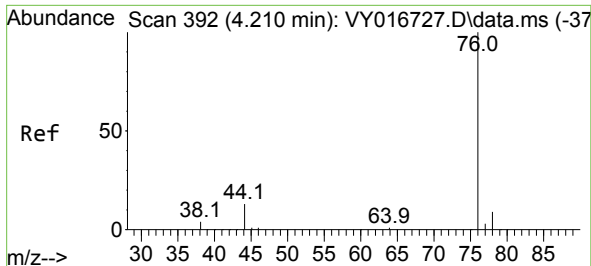
Tgt Ion:168 Resp: 39076
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: 106.094 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

Tgt Ion: 43 Resp: 10234
Ion Ratio Lower Upper
43 100
58 29.0 26.6 39.8

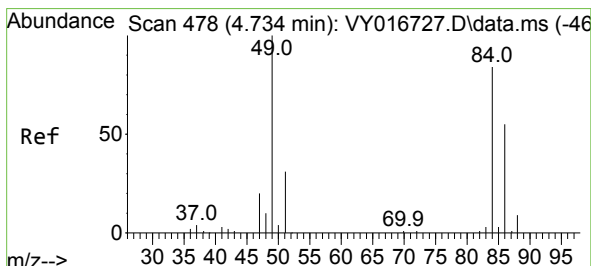
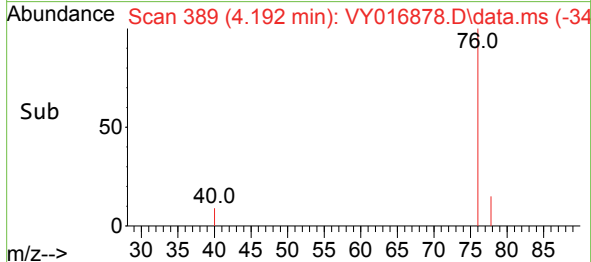
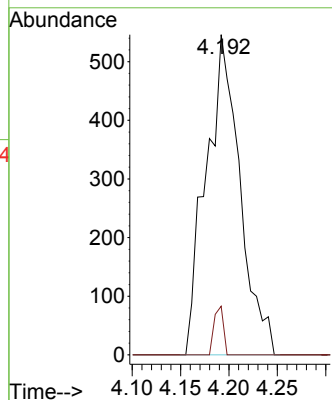
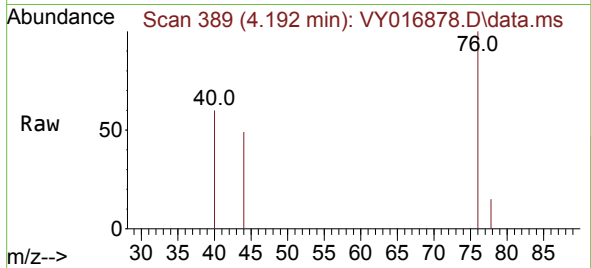




#17
Carbon Disulfide
Concen: 1.322 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

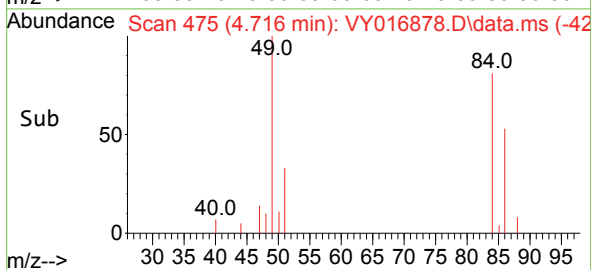
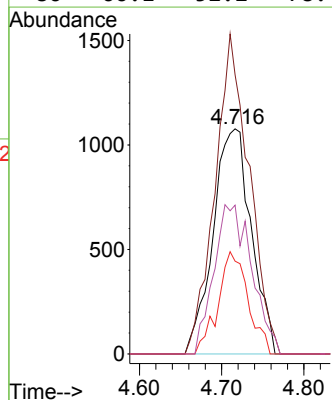
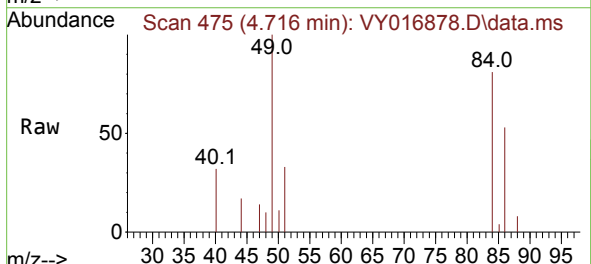
Instrument :
MSVOA_Y
ClientSampleId :
WC-D-GRAB

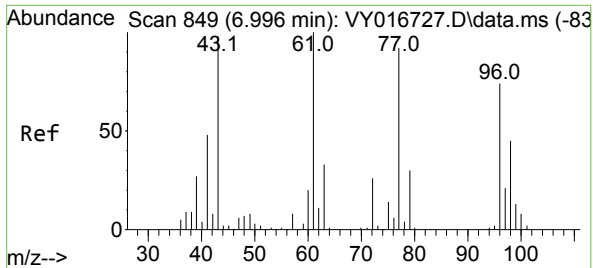
Tgt Ion: 76 Resp: 1327
Ion Ratio Lower Upper
76 100
78 15.2 7.4 11.0#



#20
Methylene Chloride
Concen: 4.287 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

Tgt Ion: 84 Resp: 3483
Ion Ratio Lower Upper
84 100
49 124.0 95.2 142.8
51 41.2 29.9 44.9
86 66.1 52.2 78.4





#25

2-Butanone

Concen: 22.875 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

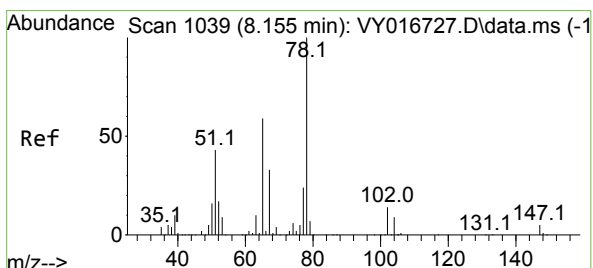
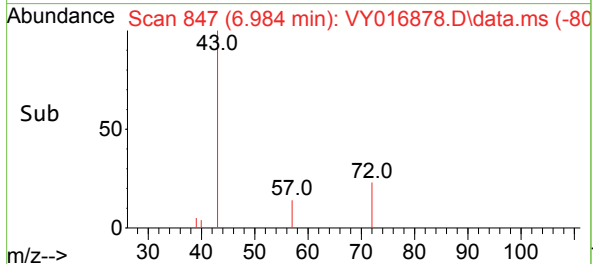
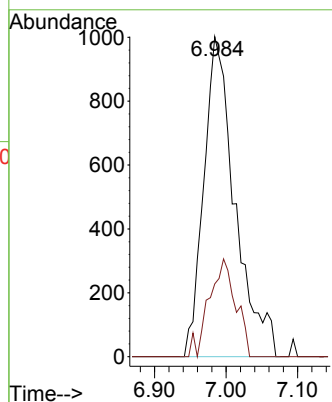
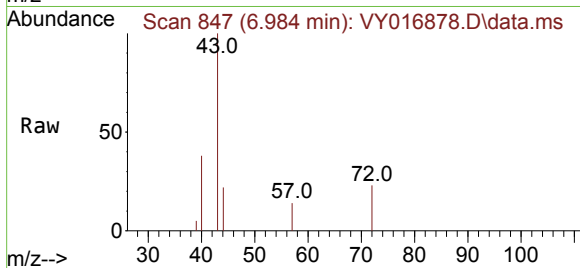
WC-D-GRAB

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

43 100

72 22.8 21.4 32.2



#33

1,2-Dichloroethane-d4

Concen: 52.500 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.018 min

Lab File: VY016878.D

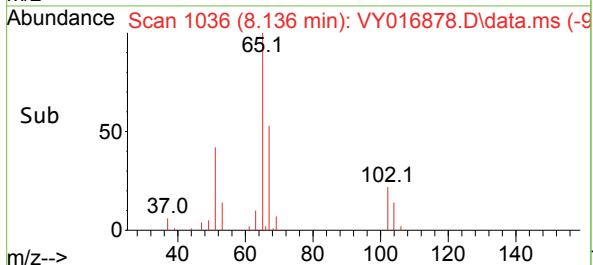
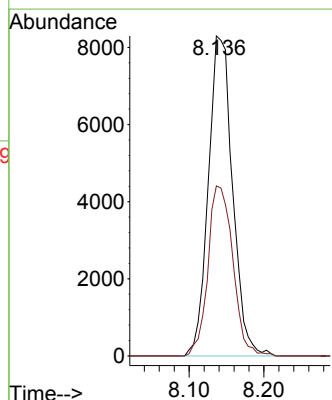
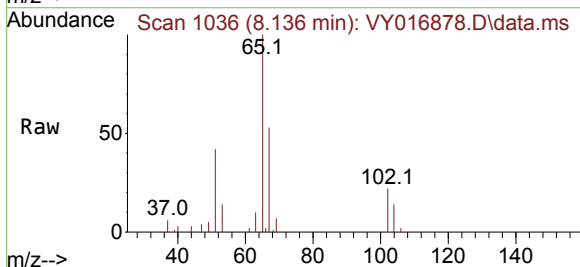
Acq: 27 Dec 2023 15:23

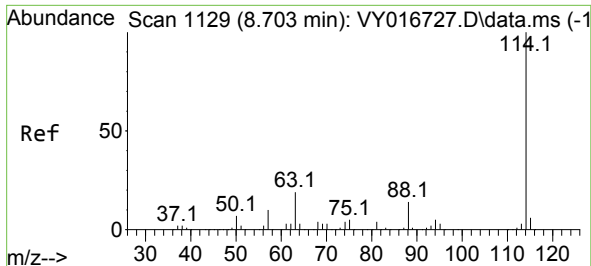
Tgt Ion: 65 Resp: 18728

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-D-GRAB

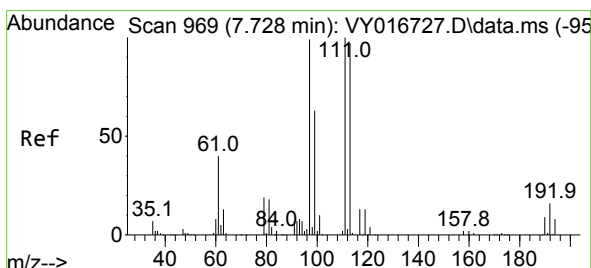
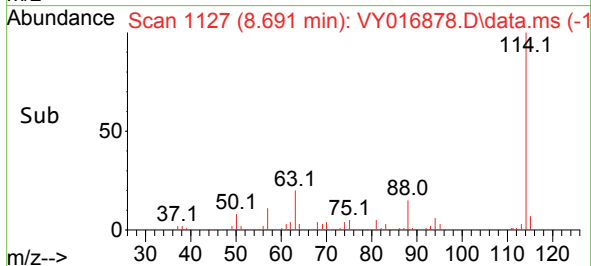
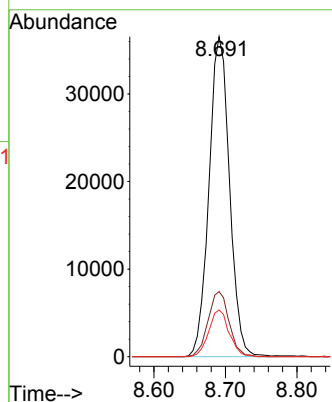
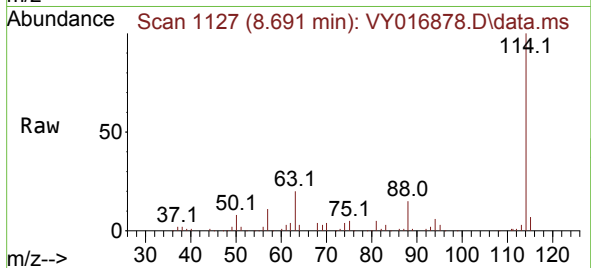
Tgt Ion:114 Resp: 72890

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.068 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

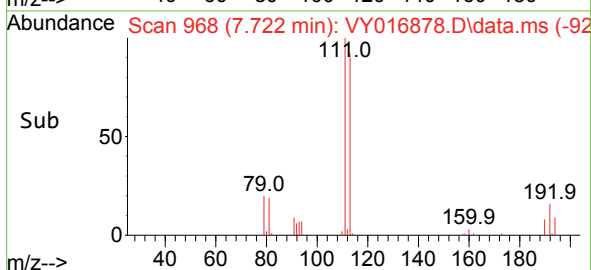
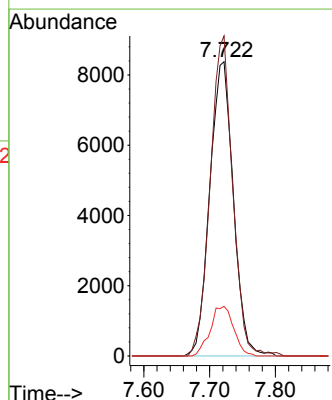
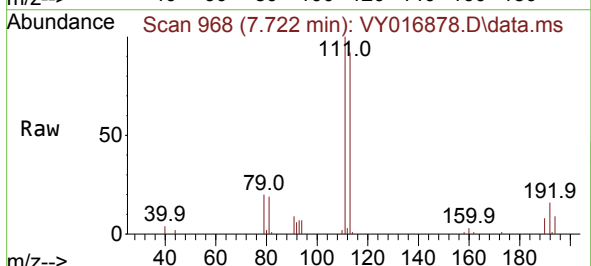
Tgt Ion:113 Resp: 20905

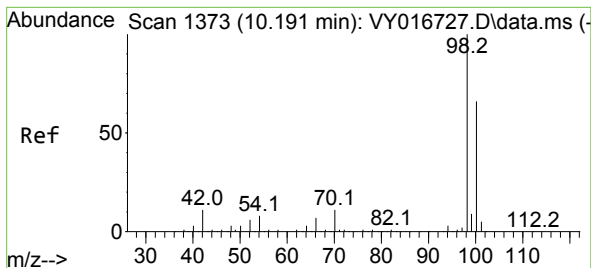
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 16.8 14.5 21.7





#50

Toluene-d8

Concen: 47.500 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

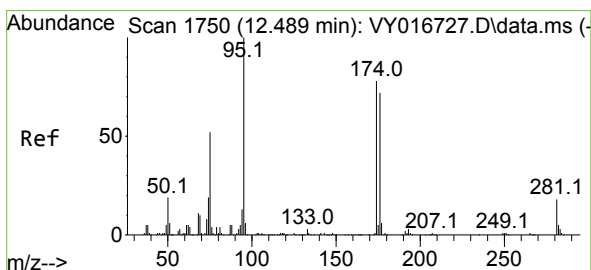
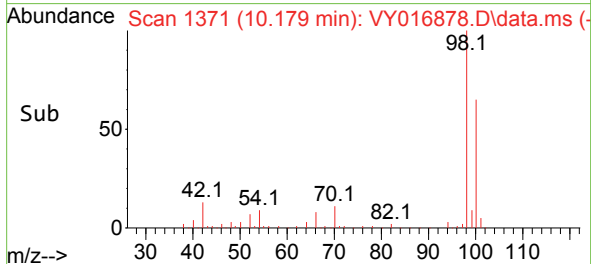
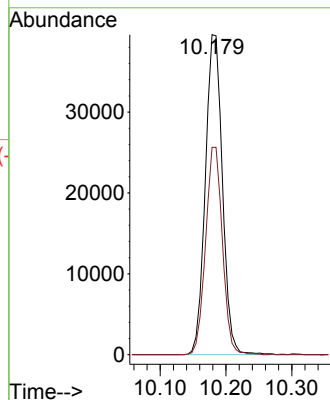
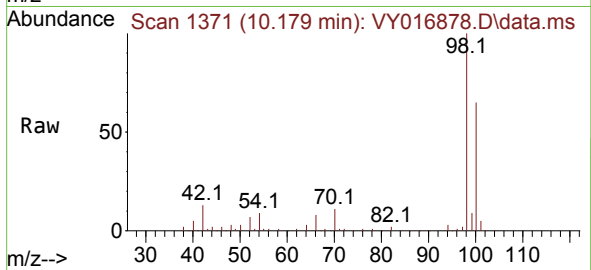
WC-D-GRAB

Tgt Ion: 98 Resp: 71495

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.719 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

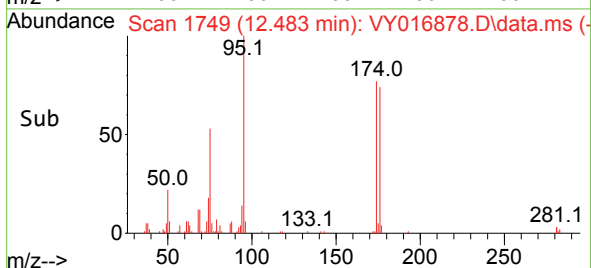
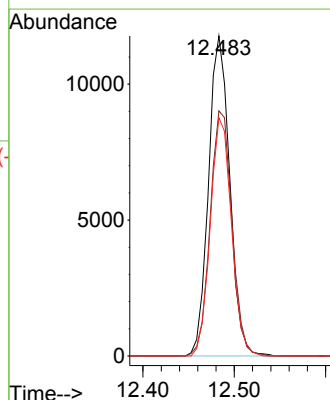
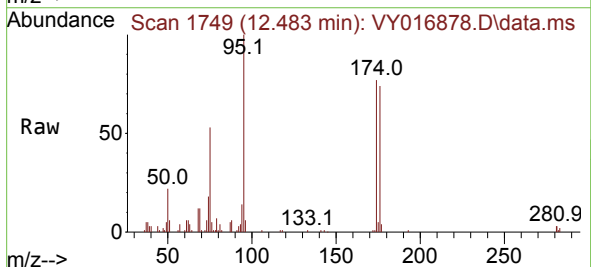
Tgt Ion: 95 Resp: 18907

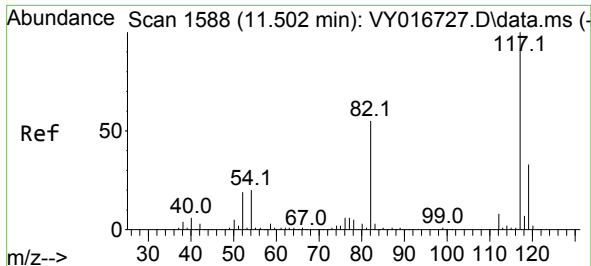
Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.0

176 74.4 0.0 151.8

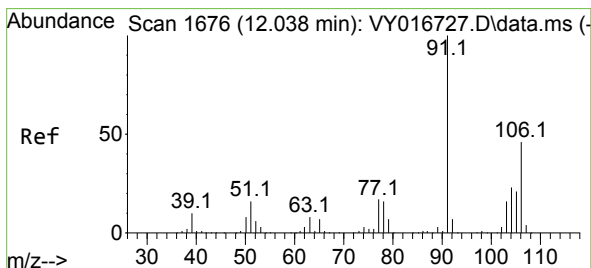
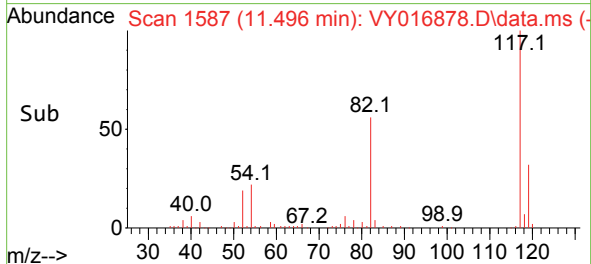
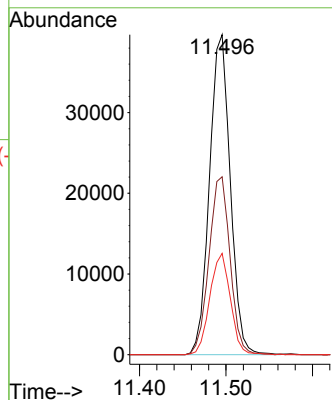
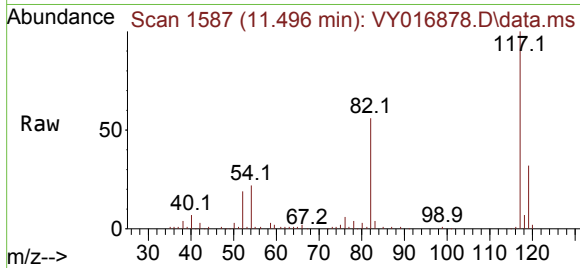




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

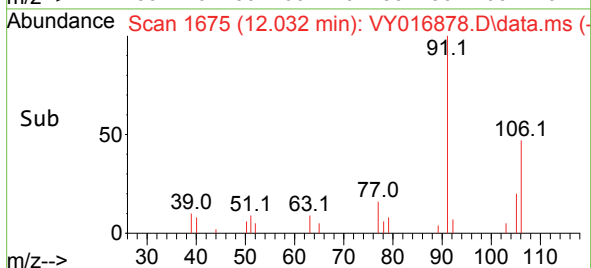
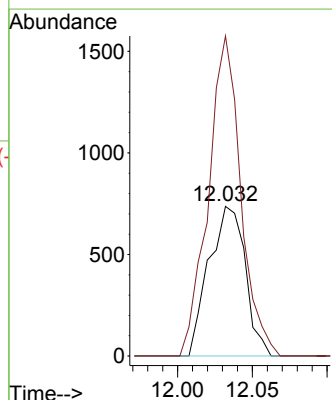
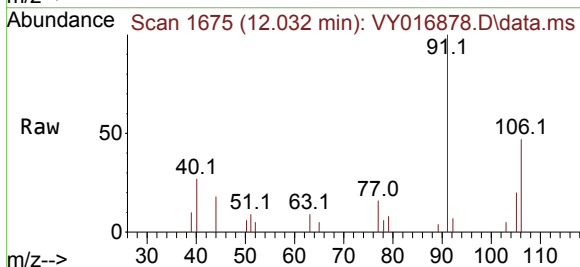
Instrument :
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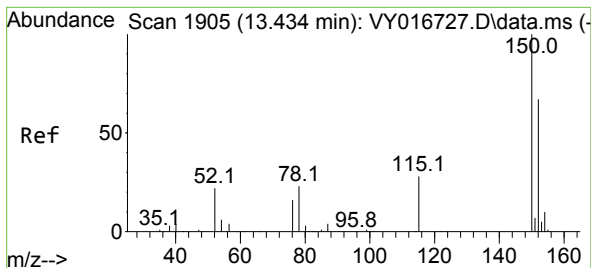
Tgt Ion:117 Resp: 66103
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.6 26.5 39.7



#69
o-Xylene
Concen: 1.536 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016878.D
Acq: 27 Dec 2023 15:23

Tgt Ion:106 Resp: 1244
Ion Ratio Lower Upper
106 100
91 191.1 106.5 319.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-D-GRAB

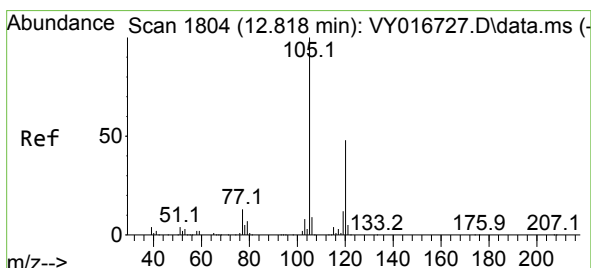
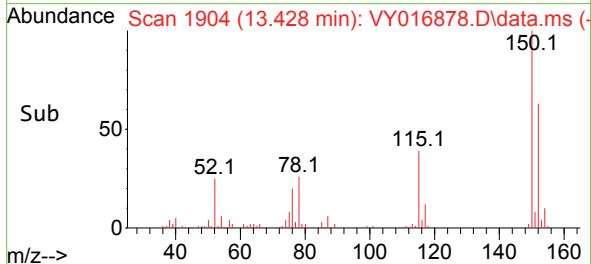
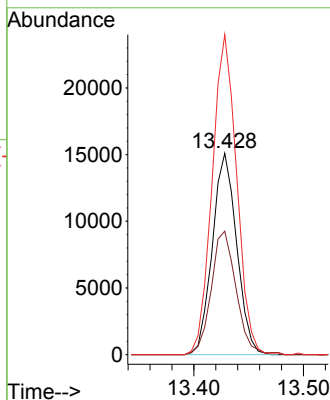
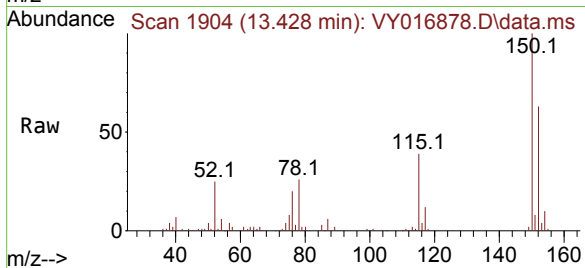
Tgt Ion:152 Resp: 23280

Ion Ratio Lower Upper

152 100

115 62.9 30.0 90.0

150 160.1 0.0 344.6



#80

1,3,5-Trimethylbenzene

Concen: 3.644 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016878.D

Acq: 27 Dec 2023 15:23

Tgt Ion:105 Resp: 5230

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.8

