

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018143.D
 Acq On : 03 May 2024 15:21
 Operator : SY/MD
 Sample : P2354-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V359

Quant Time: May 06 02:58:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

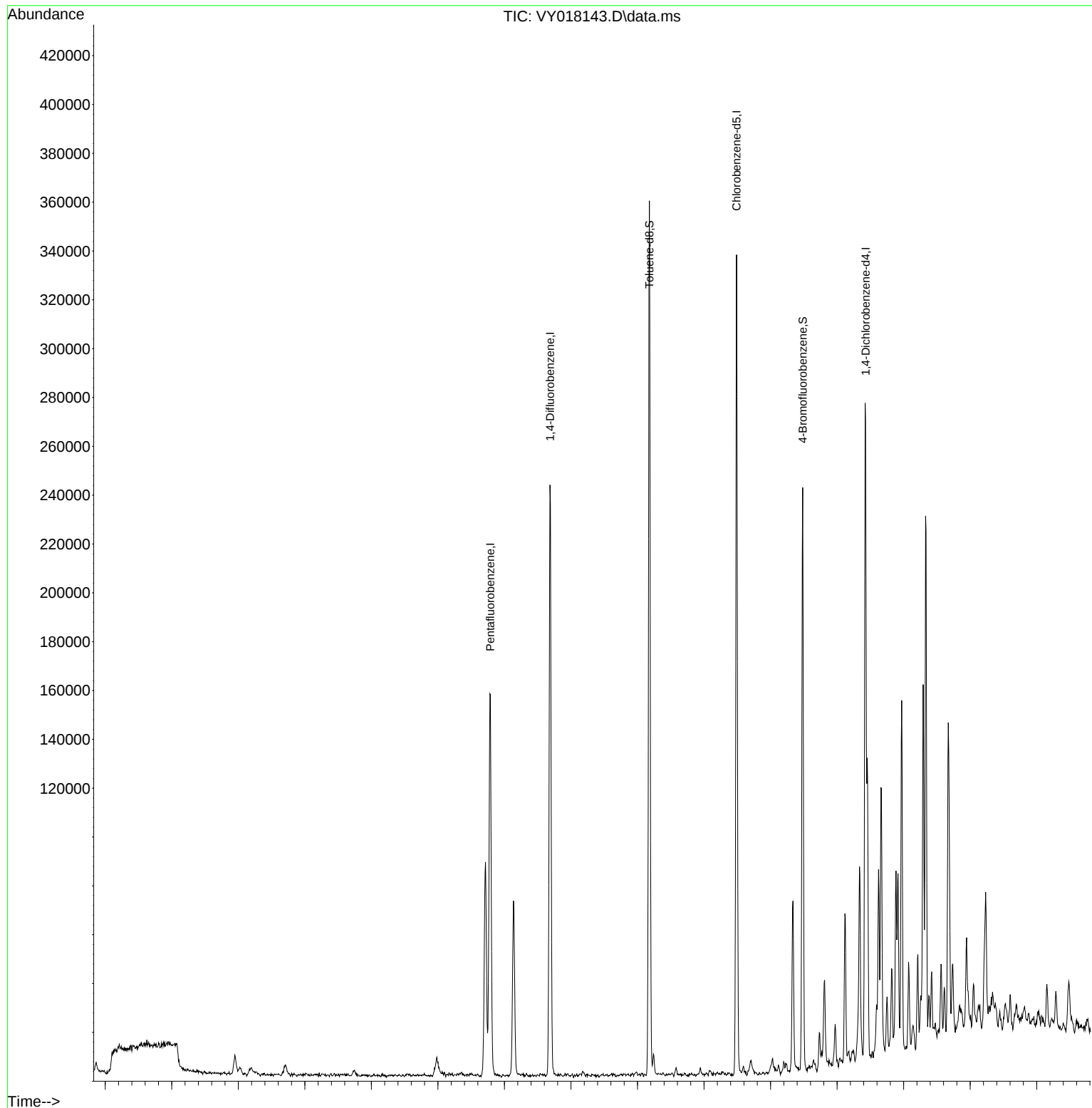
Internal Standards						
1) Pentafluorobenzene	7.789	168	128986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51598	50.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.715	113	62153	48.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.178	98	244384	49.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.483	95	73836	43.042	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.080%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	13220	68.254	ug/l	91
17) Carbon Disulfide	4.186	76	5171	1.404	ug/l #	93
73) Isopropylbenzene	12.330	105	6681	1.174	ug/l	85
80) 1,3,5-Trimethylbenzene	12.812	105	10523	2.294	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	34388	7.653	ug/l	99

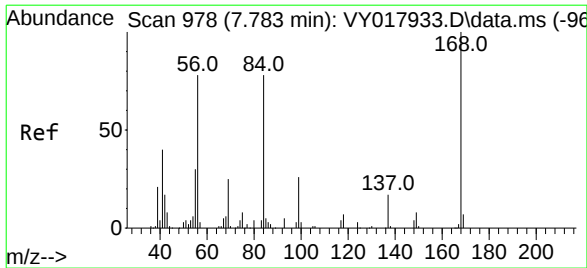
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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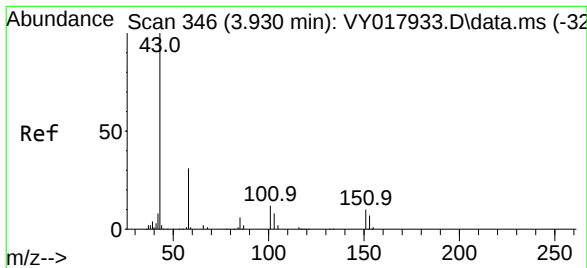
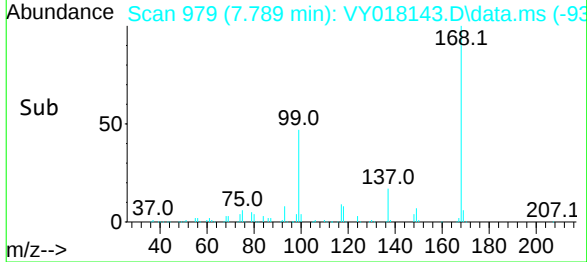
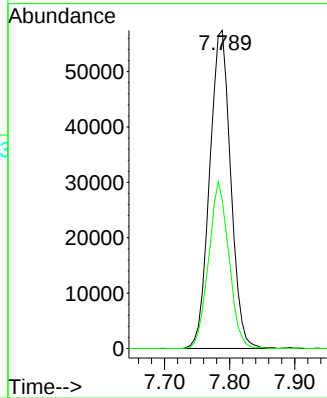
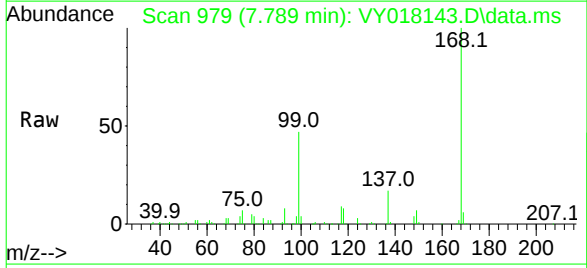




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 97
Delta R.T. -0.000 min
Lab File: VY018143.D
Acq: 03 May 2024 15:21

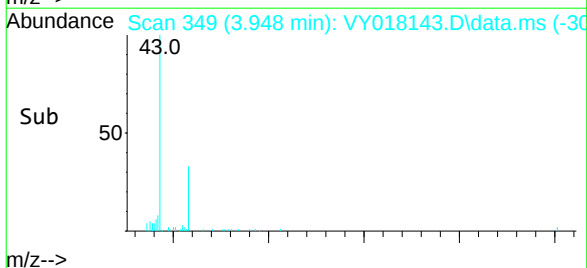
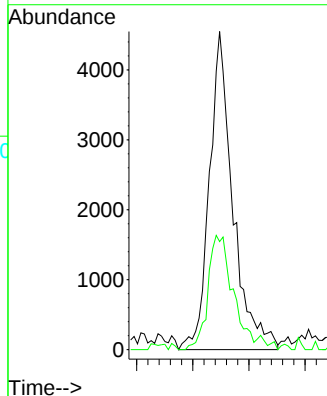
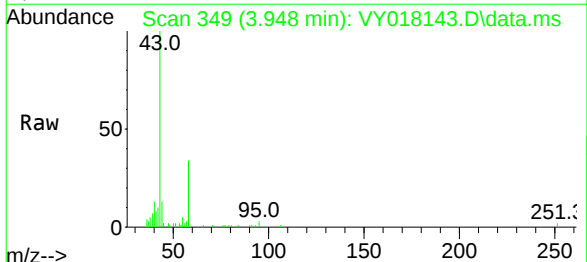
Instrument :
MSVOA_Y
ClientSampleId :
V359

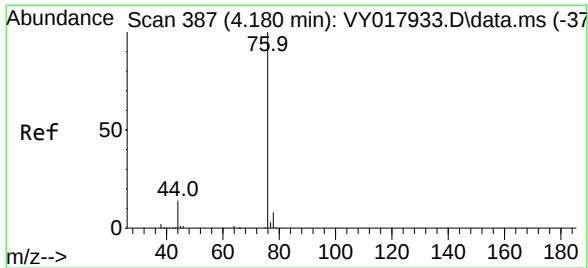
Tgt Ion:168 Resp: 128986
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#16
Acetone
Concen: 68.254 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY018143.D
Acq: 03 May 2024 15:21

Tgt Ion: 43 Resp: 13220
Ion Ratio Lower Upper
43 100
58 34.0 31.7 47.5

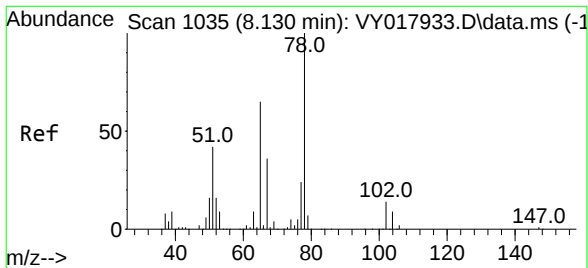
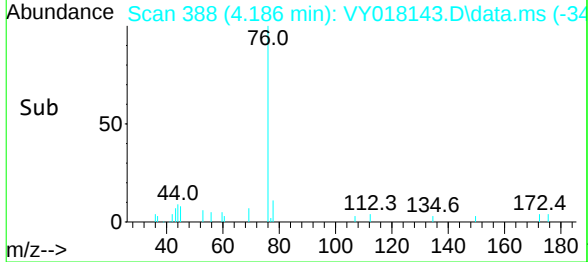
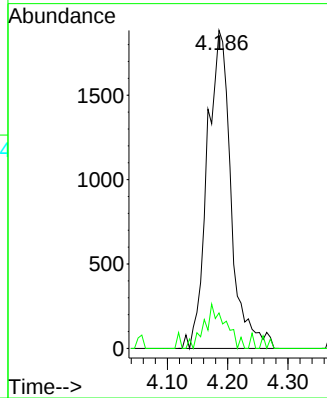
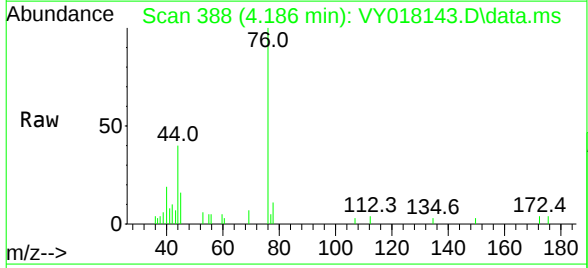




#17
Carbon Disulfide
Concen: 1.404 ug/l
RT: 4.186 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY018143.D
Acq: 03 May 2024 15:21

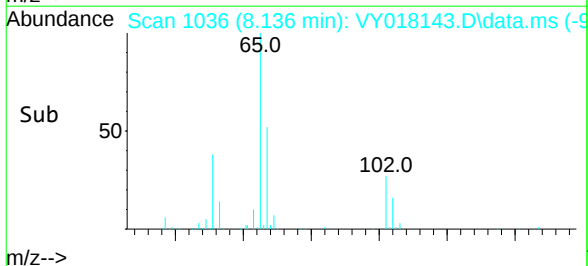
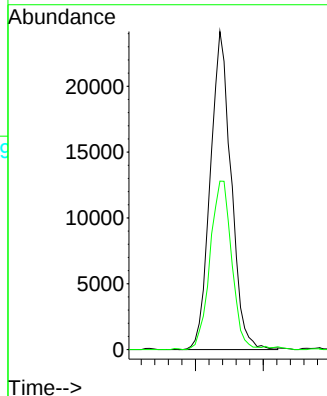
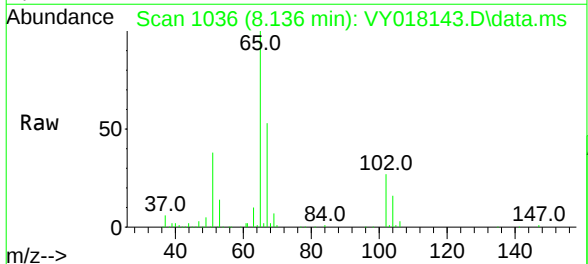
Instrument :
MSVOA_Y
ClientSampleId :
V359

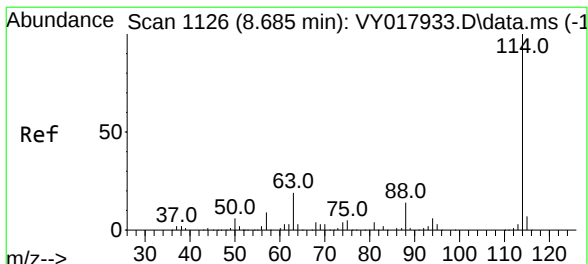
Tgt Ion: 76 Resp: 5171
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 50.750 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018143.D
Acq: 03 May 2024 15:21

Tgt Ion: 65 Resp: 51598
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

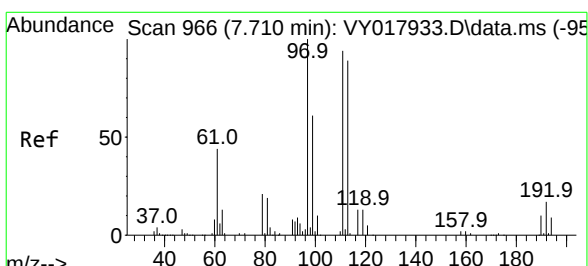
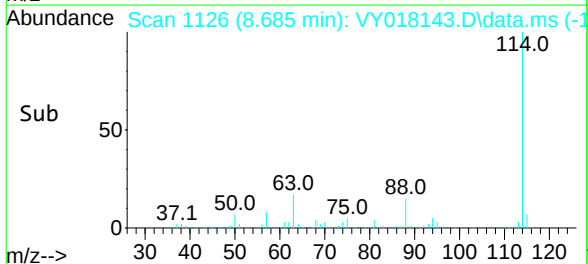
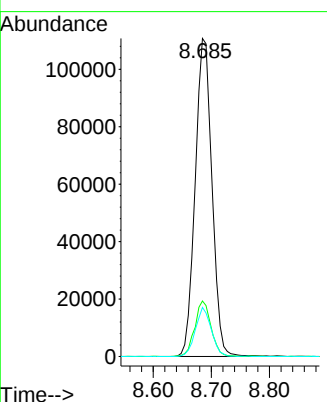
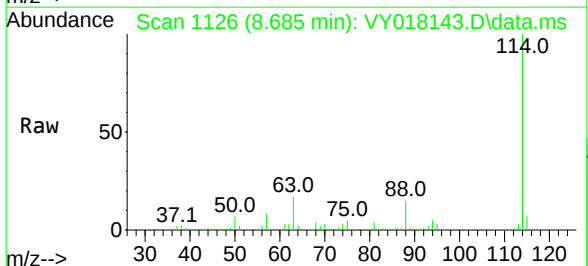




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018143.D
 Acq: 03 May 2024 15:21

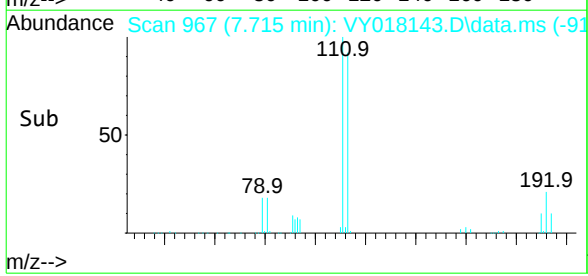
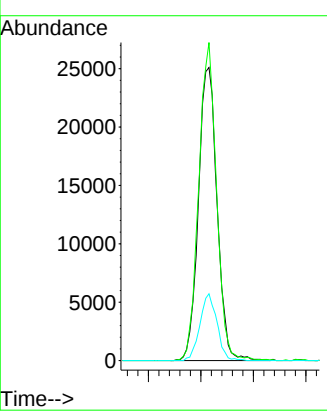
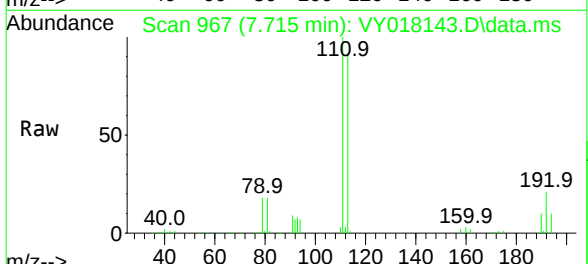
Instrument :
 MSVOA_Y
 ClientSampleId :
 V359

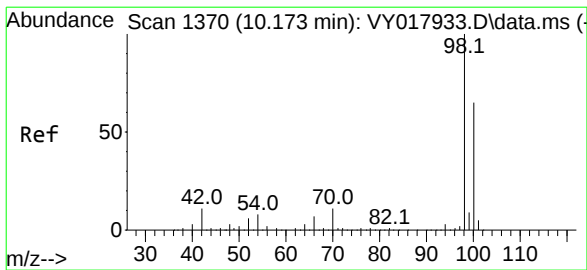
Tgt Ion:	114	Resp:	222187
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.0
88	15.4	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 48.677 ug/l
 RT: 7.715 min Scan# 967
 Delta R.T. -0.007 min
 Lab File: VY018143.D
 Acq: 03 May 2024 15:21

Tgt Ion:	113	Resp:	62153
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	20.8	15.9	23.9





#50

Toluene-d8

Concen: 49.027 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY018143.D

Acq: 03 May 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

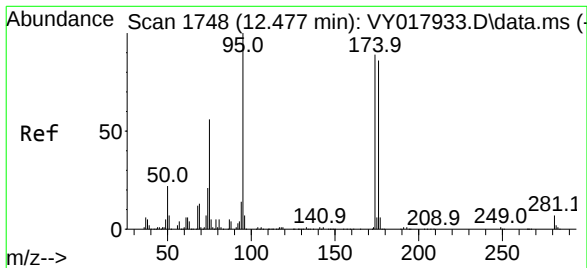
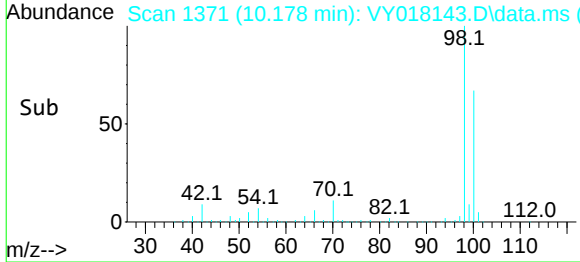
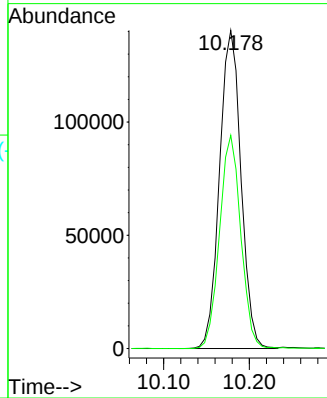
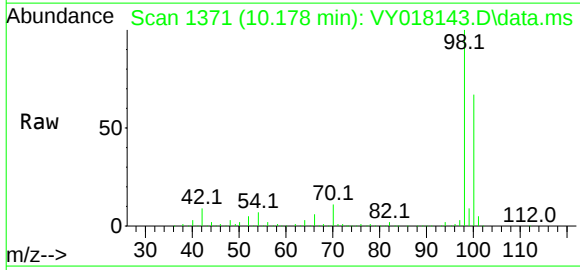
V359

Tgt Ion: 98 Resp: 244384

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.042 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018143.D

Acq: 03 May 2024 15:21

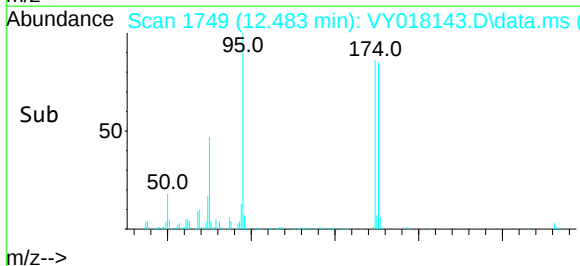
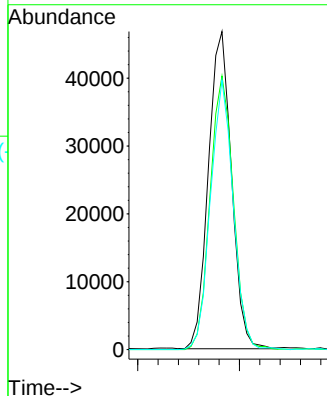
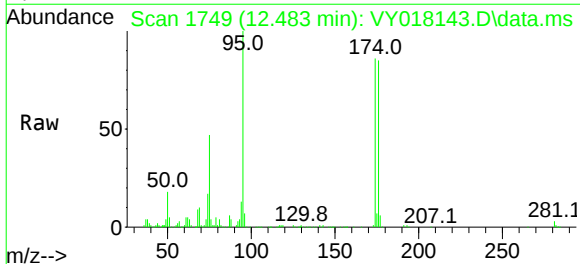
Tgt Ion: 95 Resp: 73836

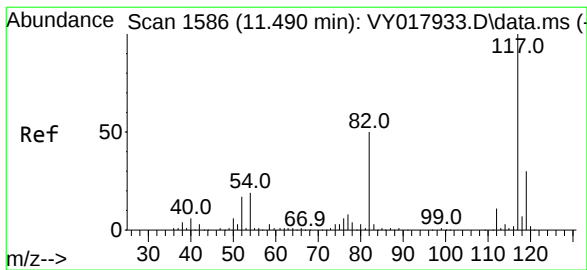
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 83.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018143.D

Acq: 03 May 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

V359

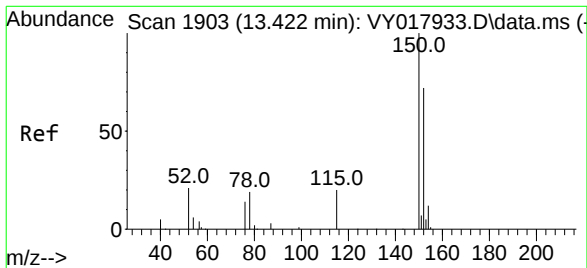
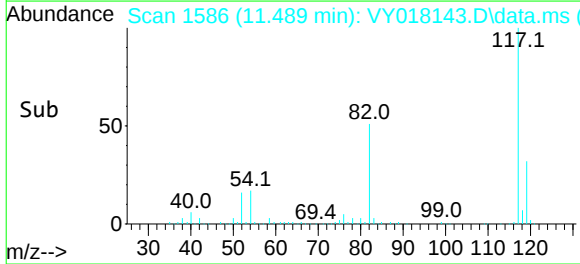
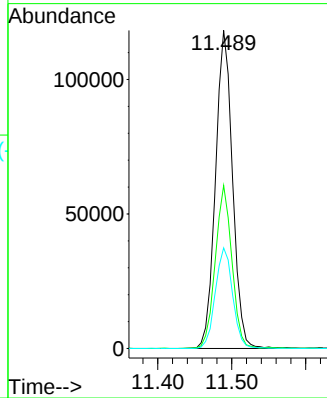
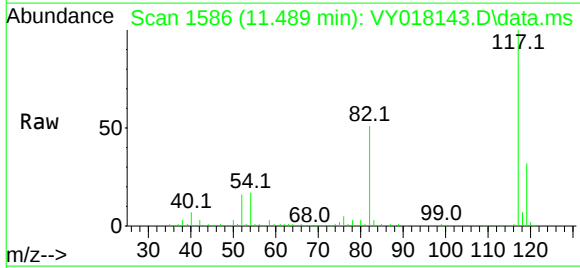
Tgt Ion:117 Resp: 189014

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY018143.D

Acq: 03 May 2024 15:21

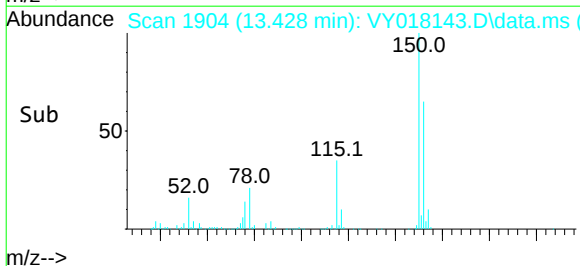
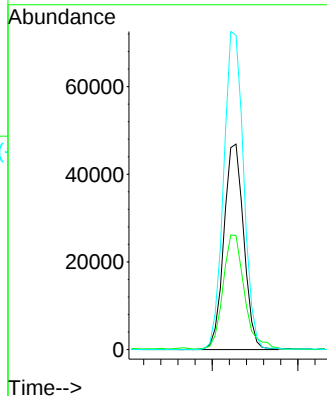
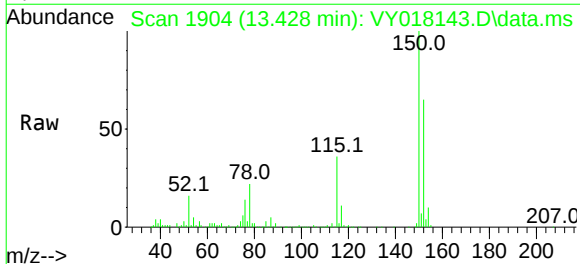
Tgt Ion:152 Resp: 75614

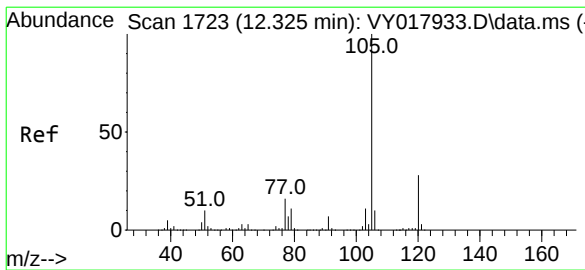
Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 155.4 0.0 345.6





#73

Isopropylbenzene

Concen: 1.174 ug/l

RT: 12.330 min Scan# 1724

Delta R.T. -0.001 min

Lab File: VY018143.D

Acq: 03 May 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

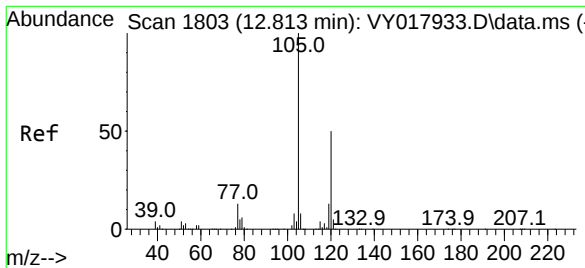
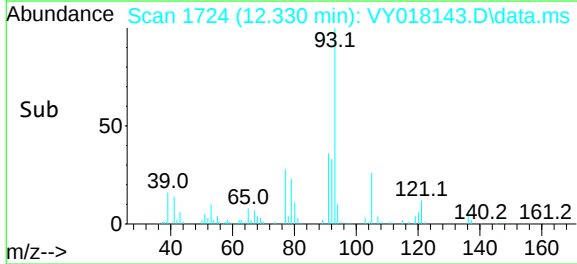
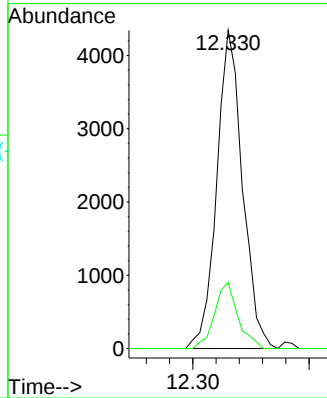
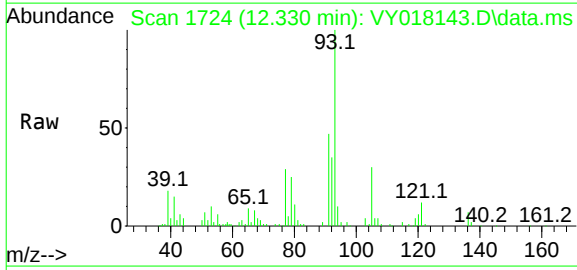
V359

Tgt Ion:105 Resp: 6681

Ion Ratio Lower Upper

105 100

120 18.9 13.4 40.1



#80

1,3,5-Trimethylbenzene

Concen: 2.294 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018143.D

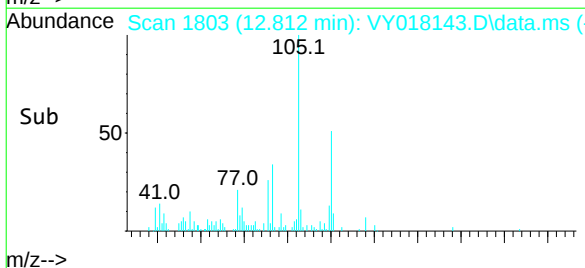
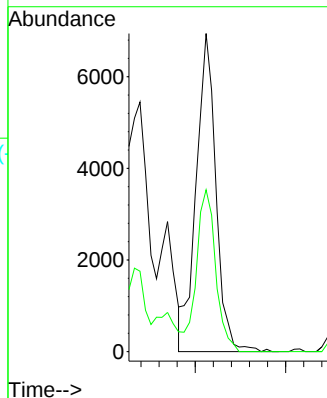
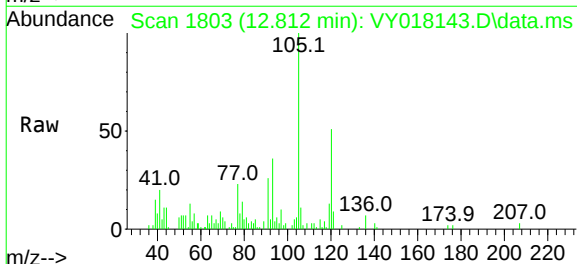
Acq: 03 May 2024 15:21

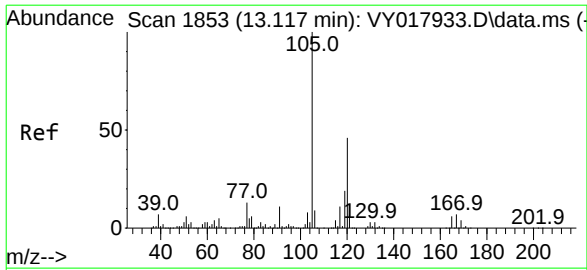
Tgt Ion:105 Resp: 10523

Ion Ratio Lower Upper

105 100

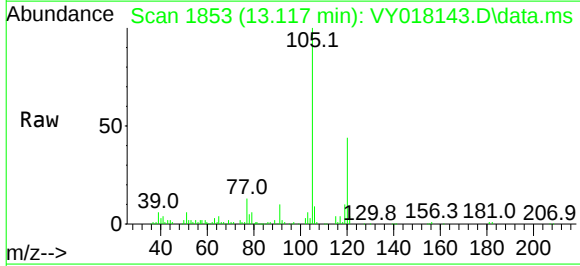
120 48.9 25.1 75.2





#84
 1,2,4-Trimethylbenzene
 Concen: 7.653 ug/l
 RT: 13.117 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VY018143.D
 Acq: 03 May 2024 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 V359



Tgt Ion:105 Resp: 34388
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.2 69.6

