

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018141.D
 Acq On : 03 May 2024 14:34
 Operator : SY/MD
 Sample : P2330-21
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-4(0.5-1.5)

Quant Time: May 06 02:57:48 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)

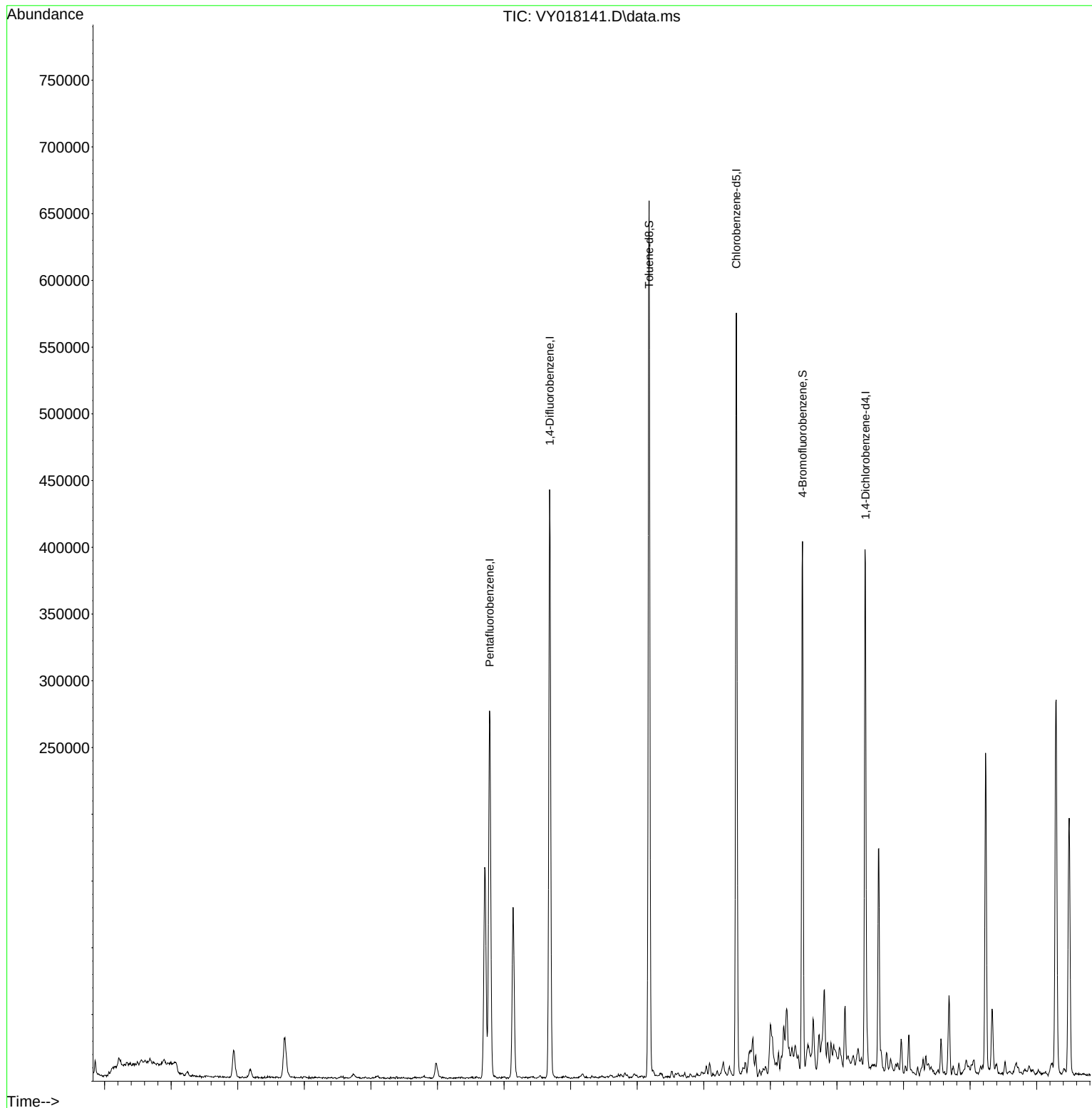
Internal Standards						
1) Pentafluorobenzene	7.783	168	226432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89702	50.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.520%
35) Dibromofluoromethane	7.710	113	116043	49.775	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.179	98	438614	48.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.483	95	119984	38.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.620%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	34028	100.078	ug/l	99
17) Carbon Disulfide	4.192	76	10969	1.697	ug/l	98
20) Methylene Chloride	4.710	84	23992	10.070	ug/l	96
25) 2-Butanone	6.978	43	18479	34.934	ug/l	98
68) m/p-Xylenes	11.703	106	5315	1.128	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	8131	1.255	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	23339	3.678	ug/l	97

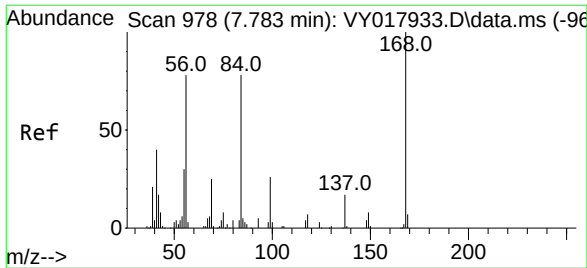
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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H-4(0.5-1.5)

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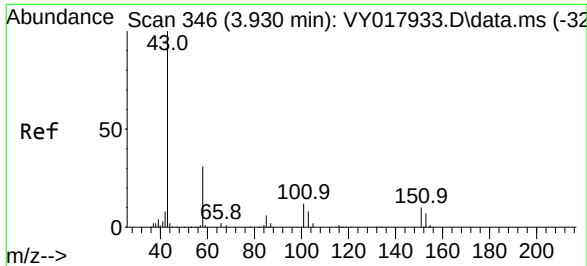
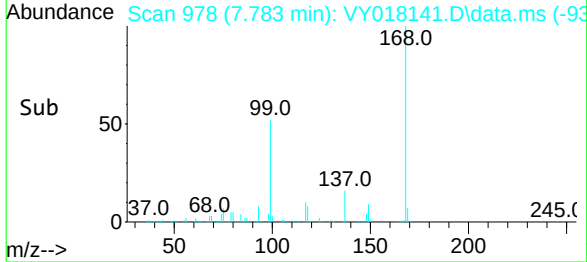
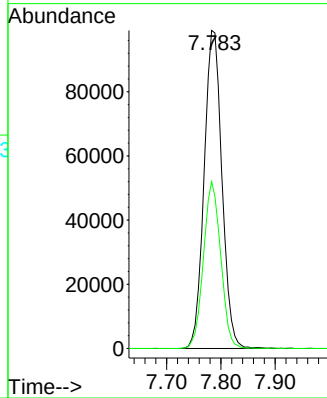
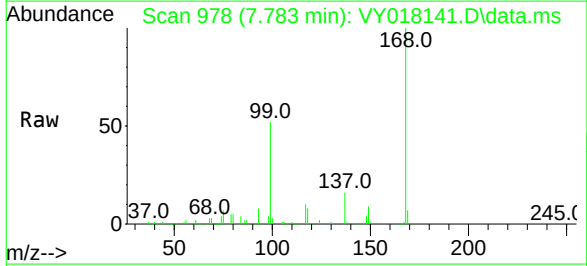




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018141.D
Acq: 03 May 2024 14:34

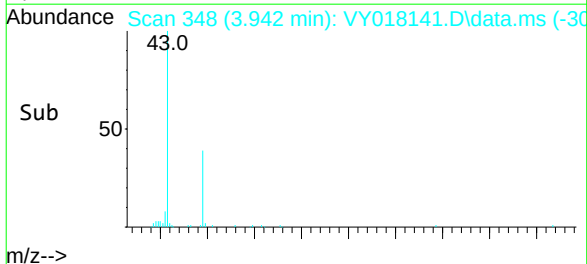
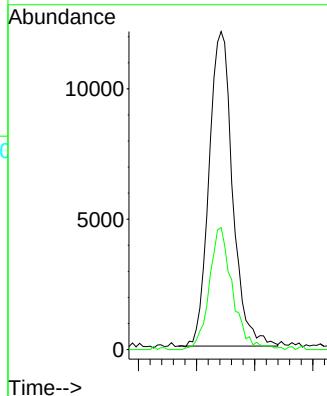
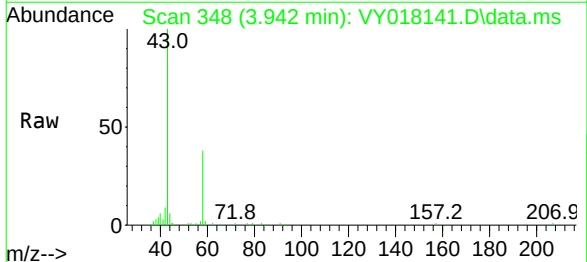
Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

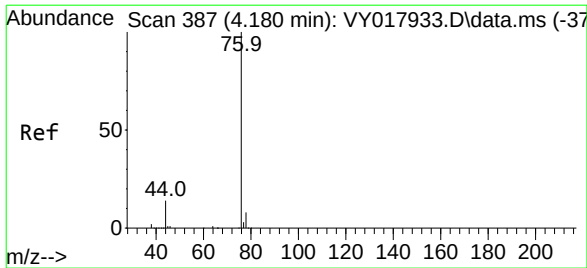
Tgt Ion:168 Resp: 226432
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#16
Acetone
Concen: 100.078 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018141.D
Acq: 03 May 2024 14:34

Tgt Ion: 43 Resp: 34028
Ion Ratio Lower Upper
43 100
58 38.8 31.7 47.5





#17

Carbon Disulfide

Concen: 1.697 ug/l

RT: 4.192 min Scan# 38

Delta R.T. 0.000 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

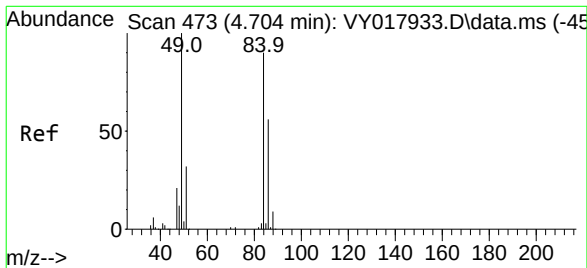
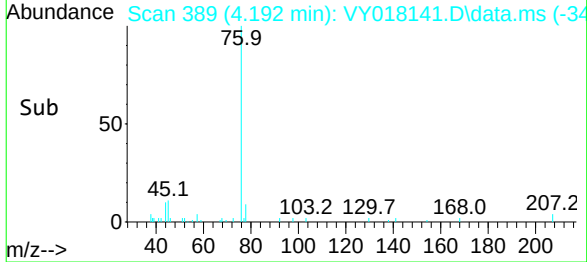
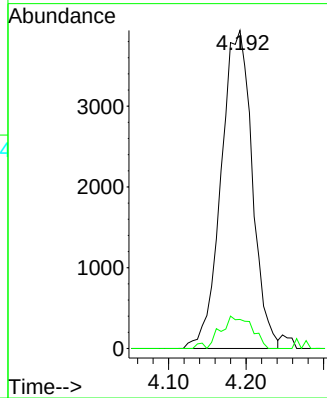
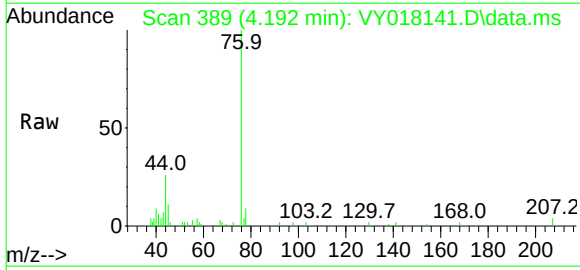
H-4(0.5-1.5)

Tgt Ion: 76 Resp: 10969

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2



#20

Methylene Chloride

Concen: 10.070 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

Tgt Ion: 84 Resp: 23992

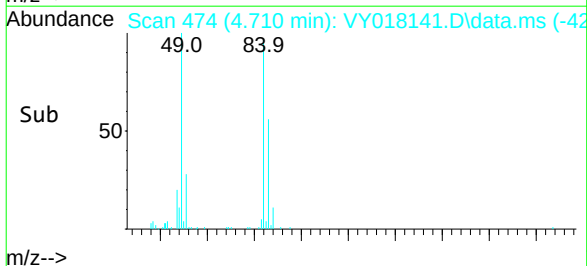
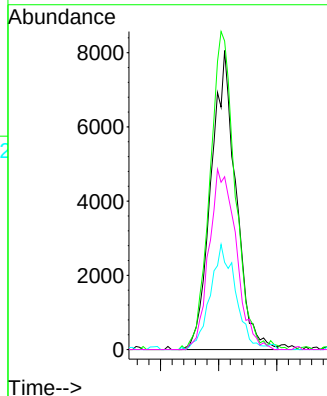
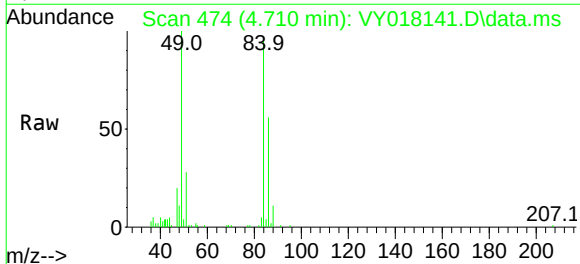
Ion Ratio Lower Upper

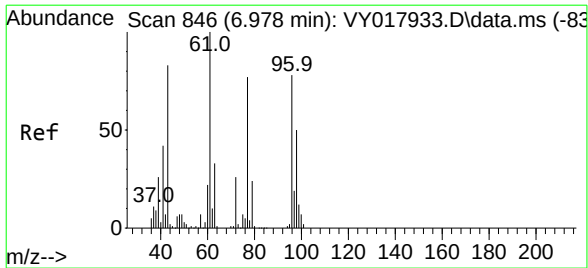
84 100

49 102.3 84.4 126.6

51 29.2 26.0 39.0

86 57.8 49.5 74.3

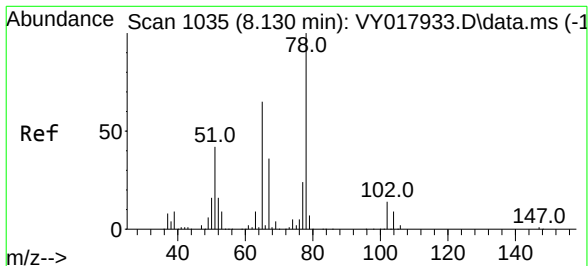
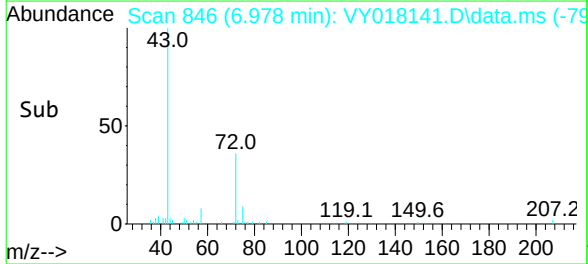
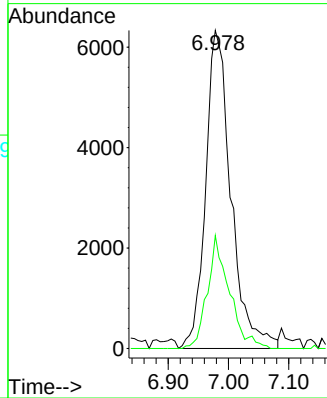
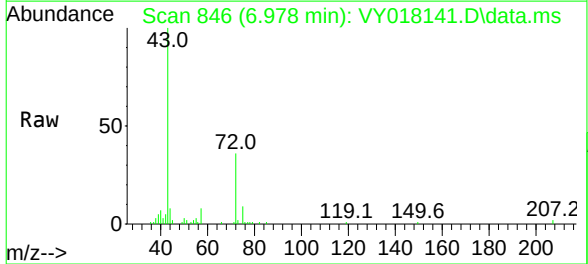




#25
2-Butanone
Concen: 34.934 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018141.D
Acq: 03 May 2024 14:34

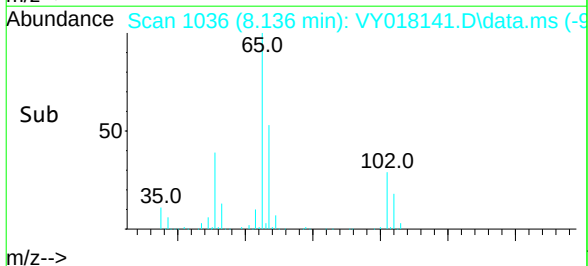
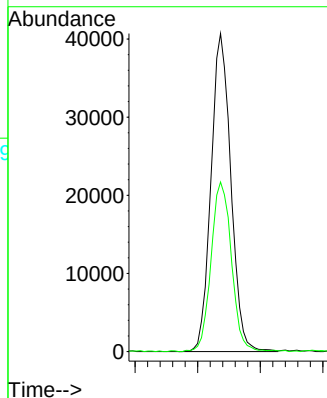
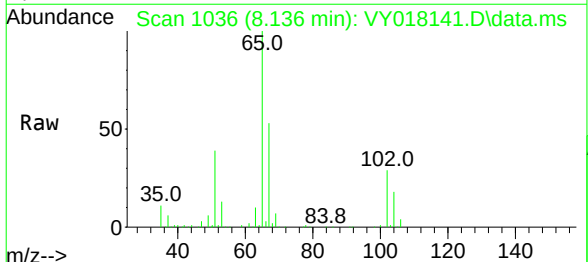
Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)

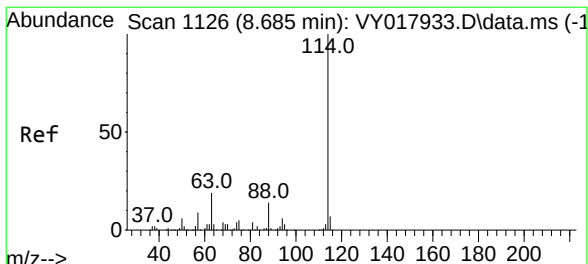
Tgt Ion: 43 Resp: 18479
Ion Ratio Lower Upper
43 100
72 35.5 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 50.258 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018141.D
Acq: 03 May 2024 14:34

Tgt Ion: 65 Resp: 89702
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

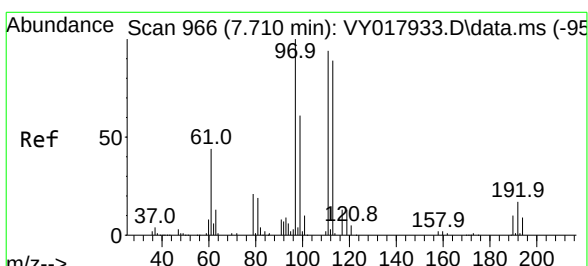
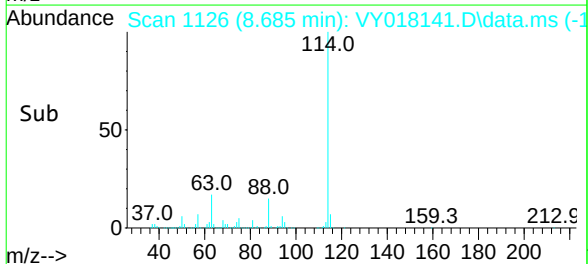
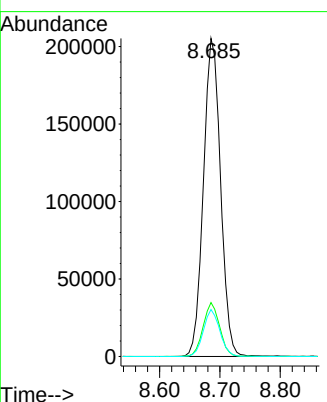
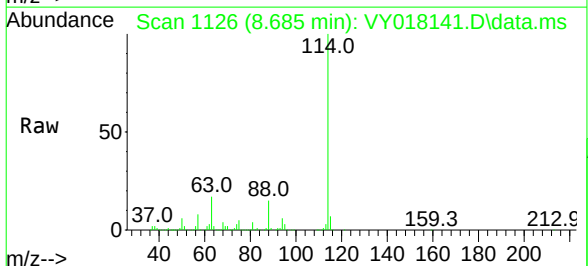




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018141.D
 Acq: 03 May 2024 14:34

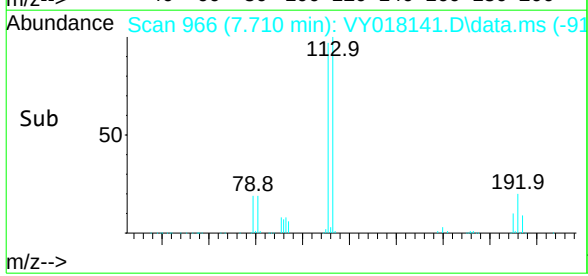
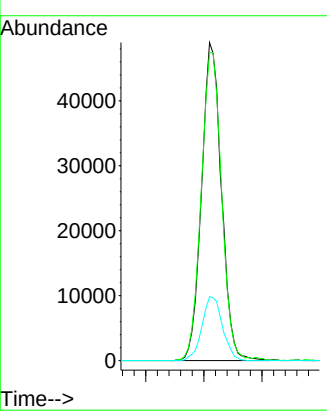
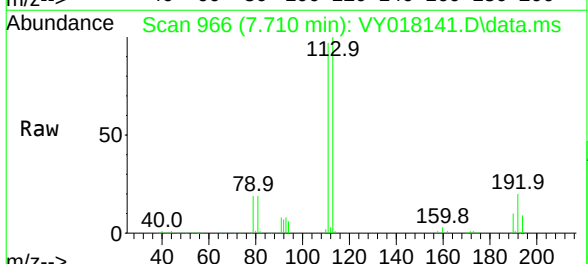
Instrument :
 MSVOA_Y
 ClientSampleId :
 H-4(0.5-1.5)

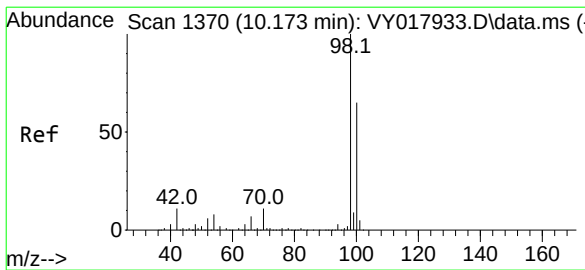
Tgt Ion:	114	Resp:	405687
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	14.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.775 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018141.D
 Acq: 03 May 2024 14:34

Tgt Ion:	113	Resp:	116043
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.2	123.4
192	20.8	15.9	23.9





#50

Toluene-d8

Concen: 48.192 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

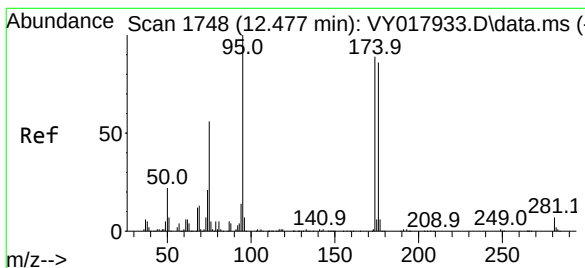
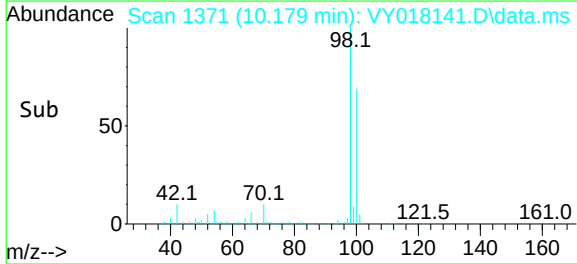
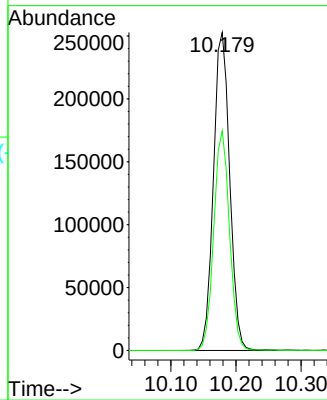
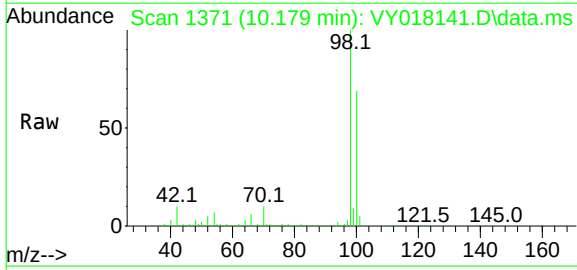
H-4(0.5-1.5)

Tgt Ion: 98 Resp: 438614

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.307 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

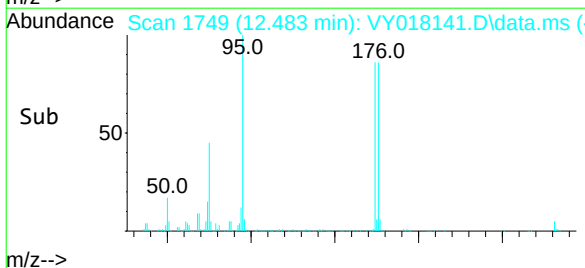
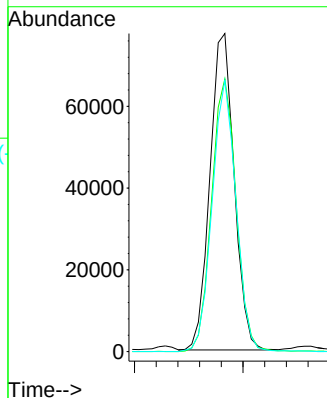
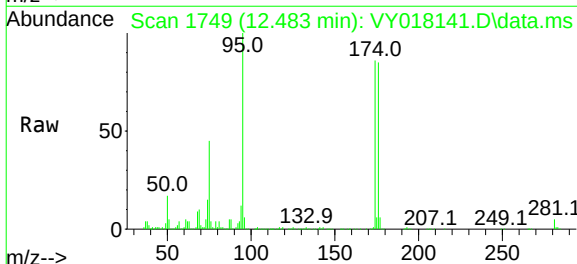
Tgt Ion: 95 Resp: 119984

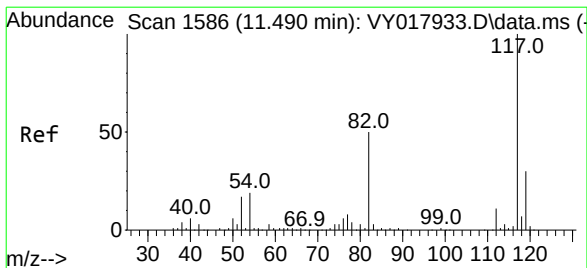
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

H-4(0.5-1.5)

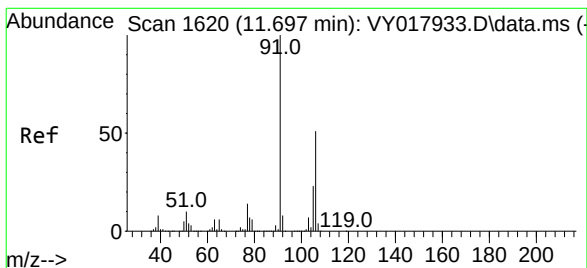
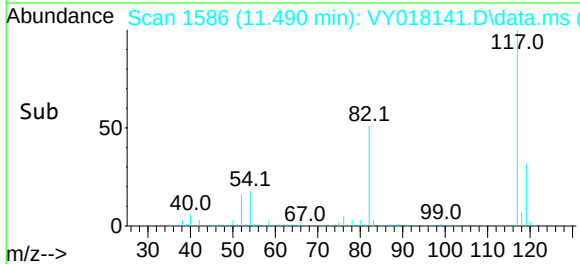
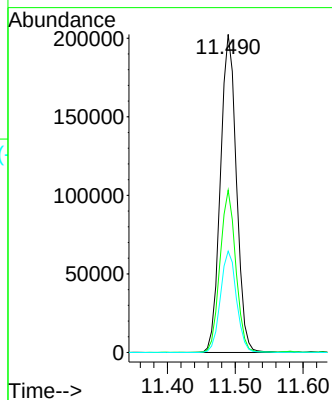
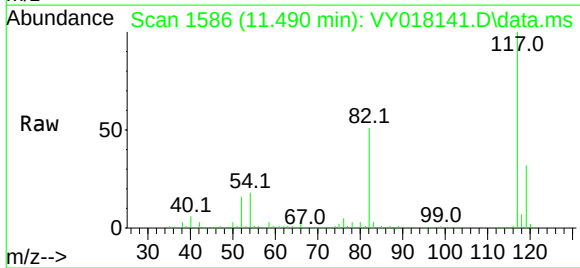
Tgt Ion:117 Resp: 332207

Ion Ratio Lower Upper

117 100

82 51.0 42.4 63.6

119 31.9 25.9 38.9



#68

m/p-Xylenes

Concen: 1.128 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY018141.D

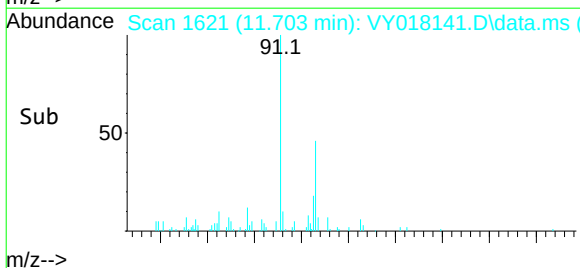
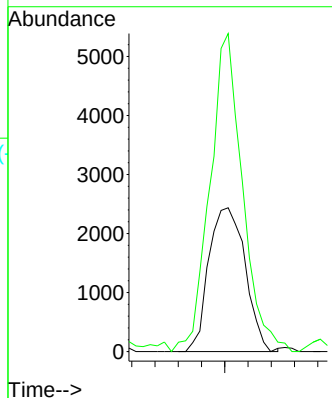
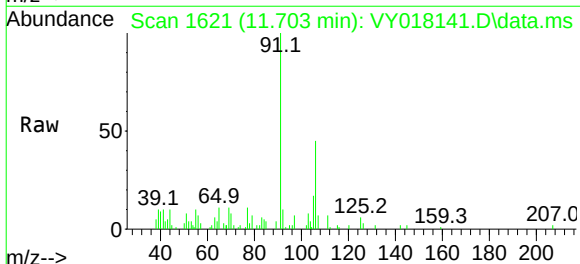
Acq: 03 May 2024 14:34

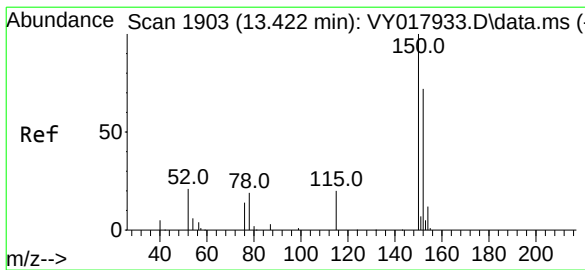
Tgt Ion:106 Resp: 5315

Ion Ratio Lower Upper

106 100

91 197.6 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

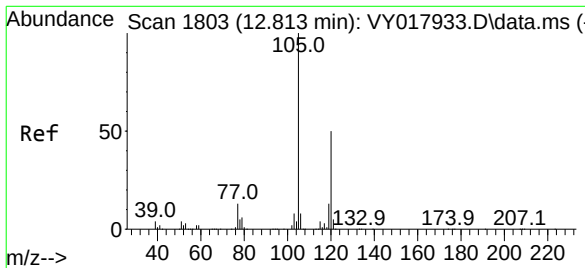
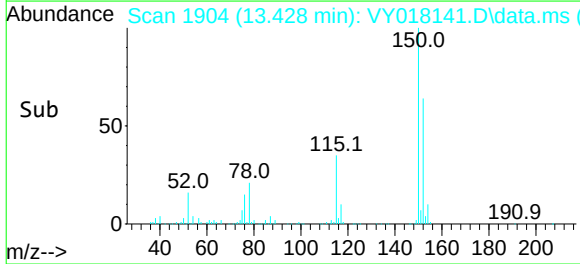
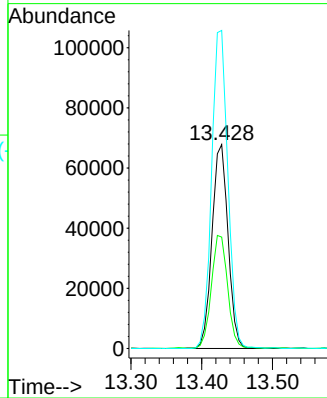
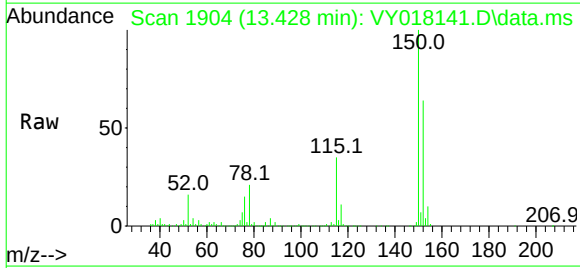
Instrument :

MSVOA_Y

ClientSampleId :

H-4(0.5-1.5)

Tgt Ion:	152	Resp:	106776
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	157.3	0.0	345.6



#80

1,3,5-Trimethylbenzene

Concen: 1.255 ug/l

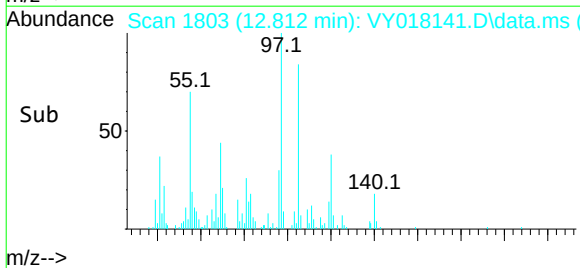
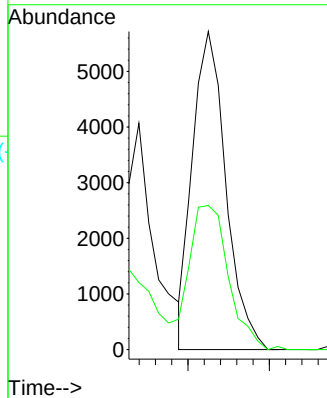
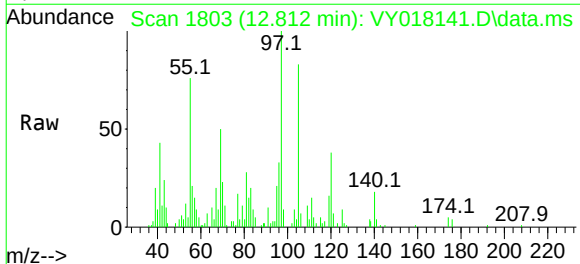
RT: 12.812 min Scan# 1803

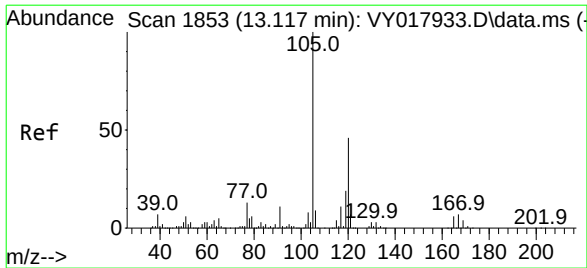
Delta R.T. 0.000 min

Lab File: VY018141.D

Acq: 03 May 2024 14:34

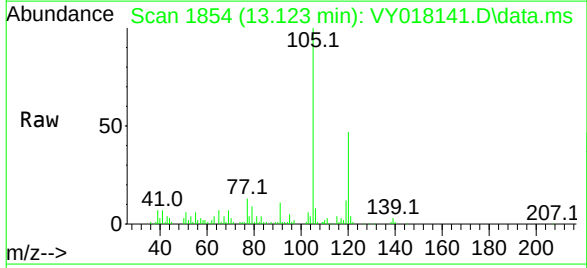
Tgt Ion:	105	Resp:	8131
Ion	Ratio	Lower	Upper
105	100		
120	54.3	25.1	75.2





#84
1,2,4-Trimethylbenzene
Concen: 3.678 ug/l
RT: 13.123 min Scan# 18
Delta R.T. 0.006 min
Lab File: VY018141.D
Acq: 03 May 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :
H-4(0.5-1.5)



Tgt Ion:105 Resp: 23339
Ion Ratio Lower Upper
105 100
120 48.6 23.2 69.6

