

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018051.D
 Acq On : 25 Apr 2024 15:17
 Operator : SY/MD
 Sample : P2261-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-RBR200059

Quant Time: Apr 26 02:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

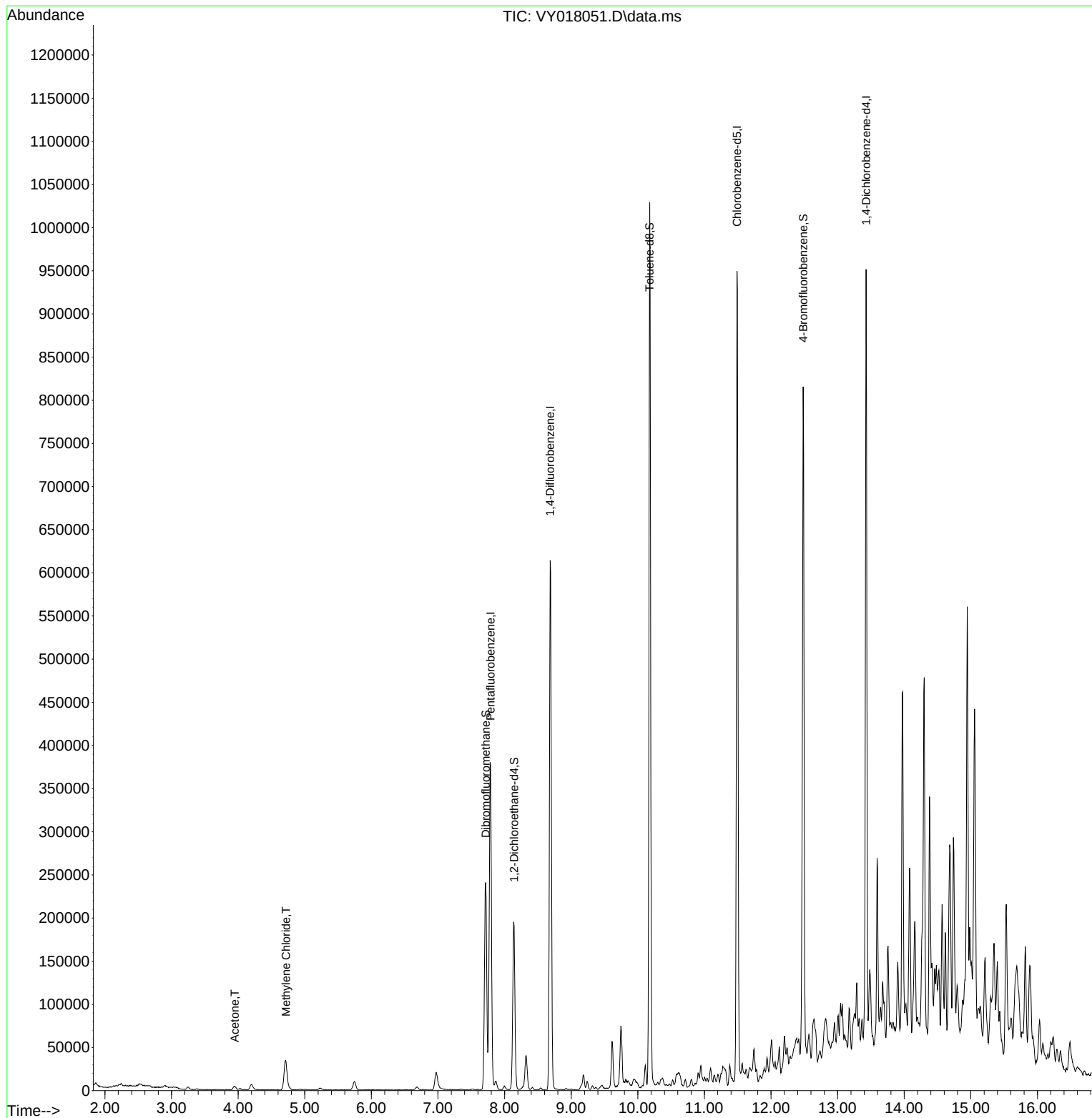
Internal Standards						
1) Pentafluorobenzene	7.789	168	326184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	575293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	557554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	247601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147179	52.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.715	113	177845	50.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.178	98	689903	51.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.483	95	227647	54.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	7754	13.903	ug/l	97
20) Methylene Chloride	4.716	84	28065	7.427	ug/l	94

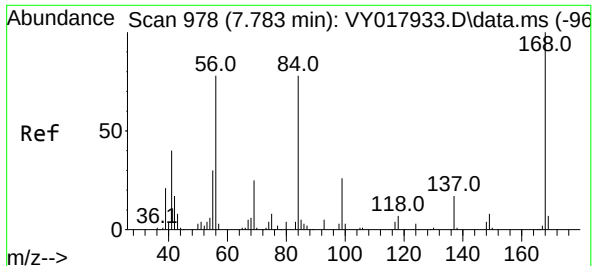
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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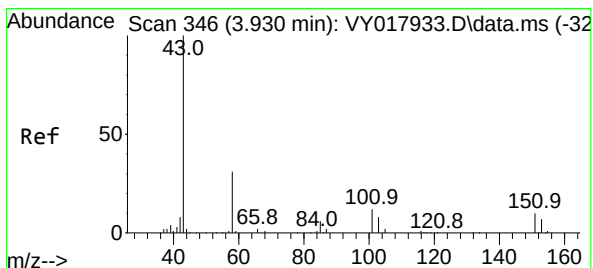
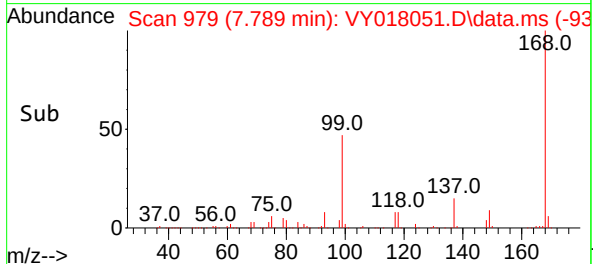
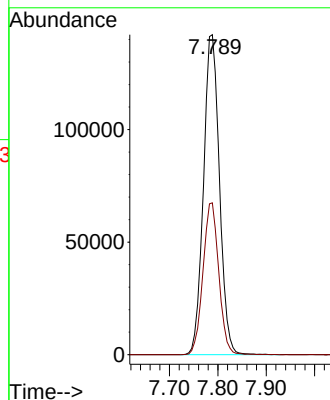
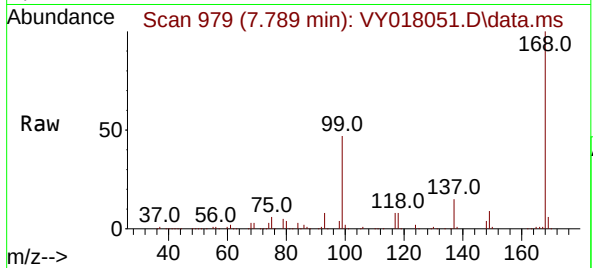




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

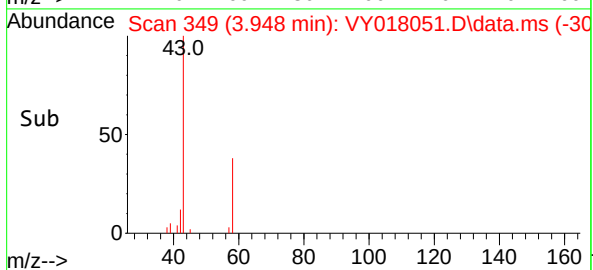
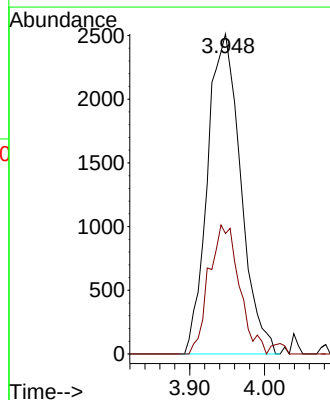
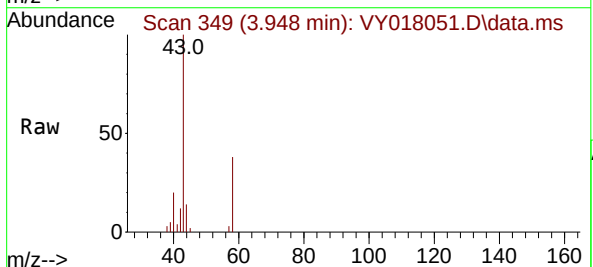
Instrument :
MSVOA_Y
ClientSampleId :
RO-RBR200059

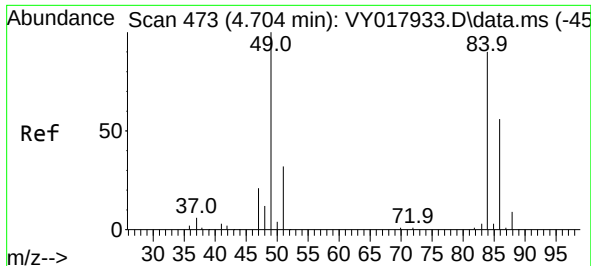
Tgt Ion:168 Resp: 326184
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#16
Acetone
Concen: 13.903 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 43 Resp: 7754
Ion Ratio Lower Upper
43 100
58 37.7 31.7 47.5



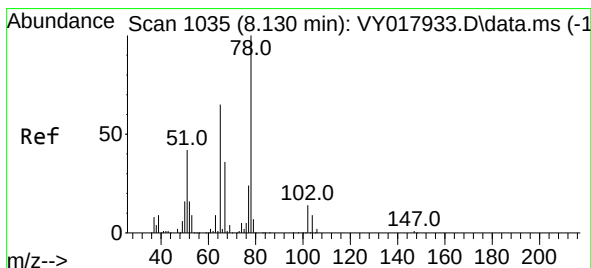
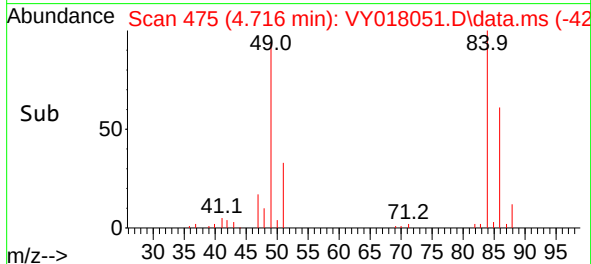
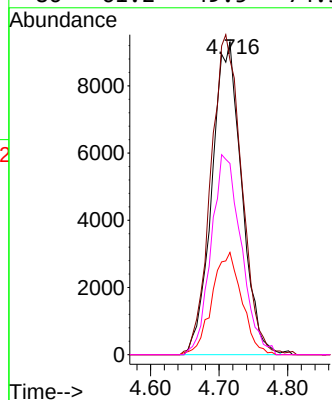
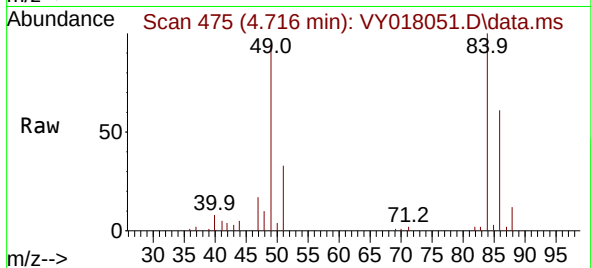


#20
Methylene Chloride
Concen: 7.427 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :
RO-RBR200059

Tgt Ion: 84 Resp: 28065

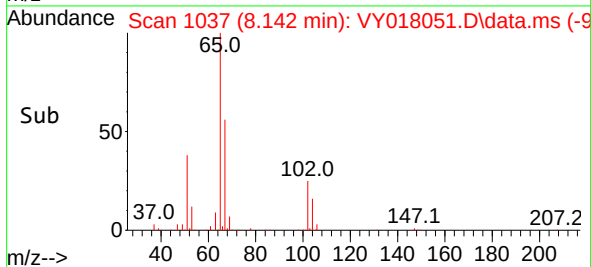
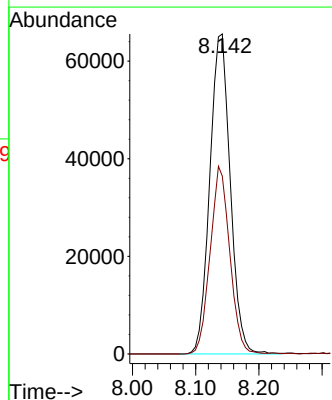
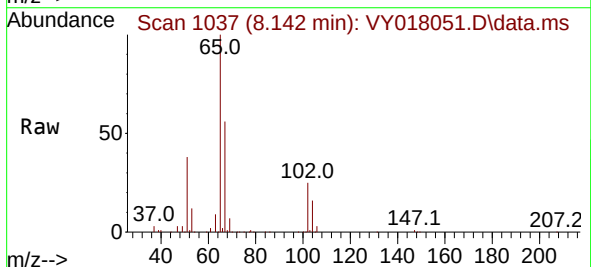
Ion	Ratio	Lower	Upper
84	100		
49	94.4	84.4	126.6
51	32.7	26.0	39.0
86	61.2	49.5	74.3

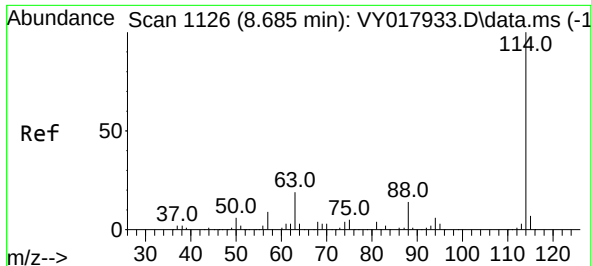


#33
1,2-Dichloroethane-d4
Concen: 52.141 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 65 Resp: 147179

Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

RO-RBR200059

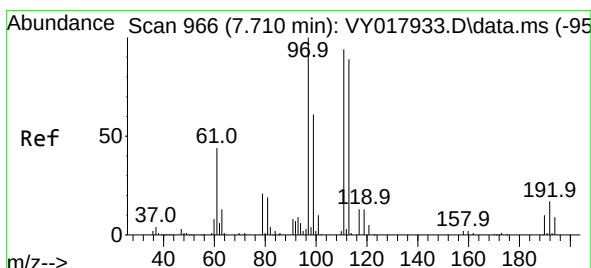
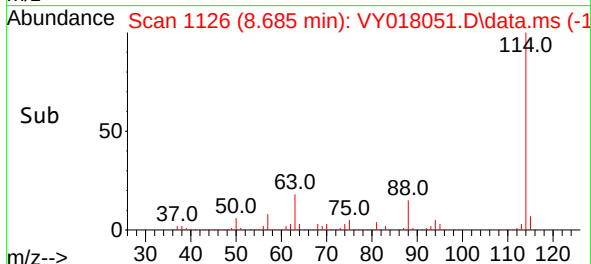
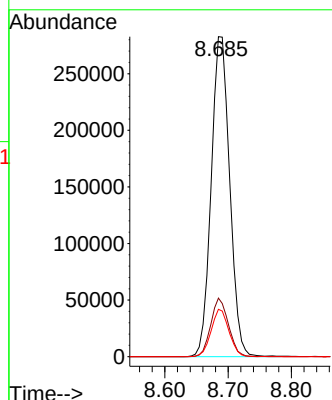
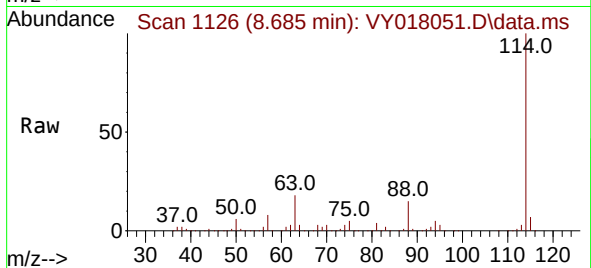
Tgt Ion:114 Resp: 575293

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.108 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

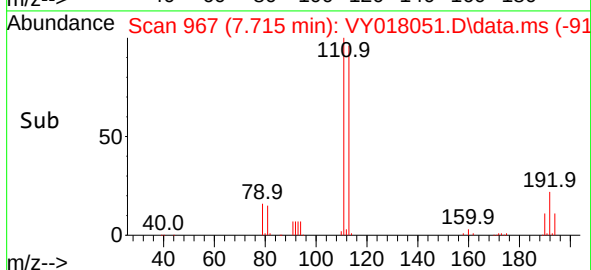
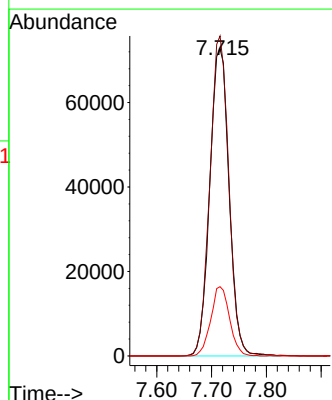
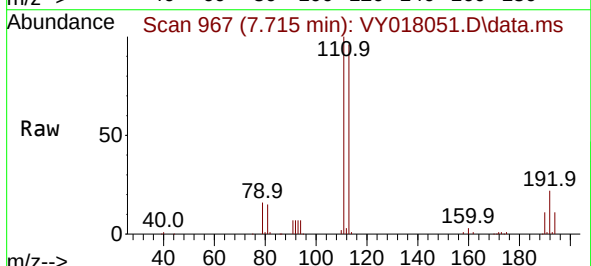
Tgt Ion:113 Resp: 177845

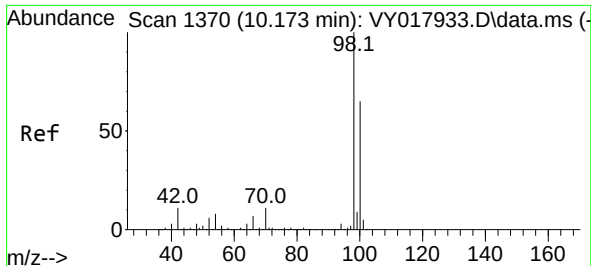
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 21.9 15.9 23.9

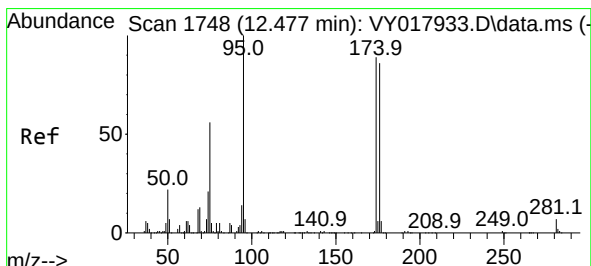
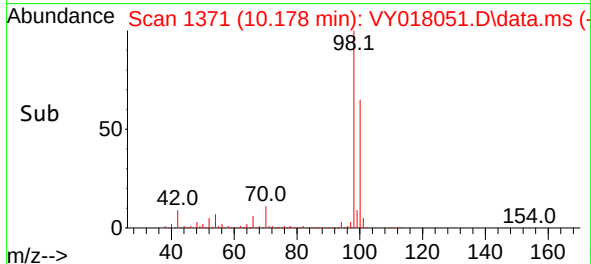
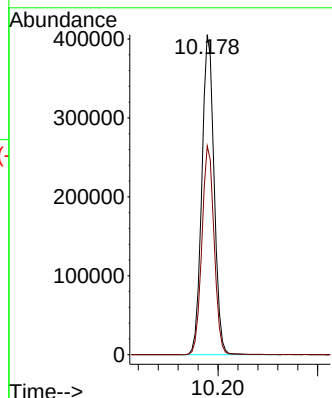
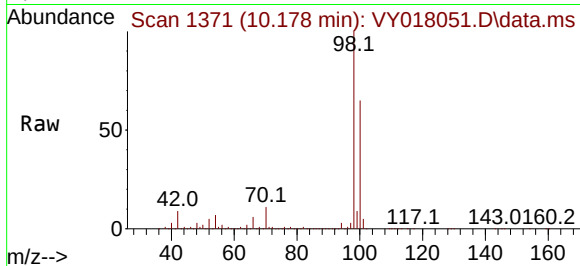




#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

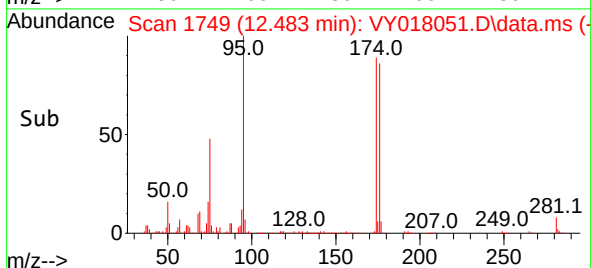
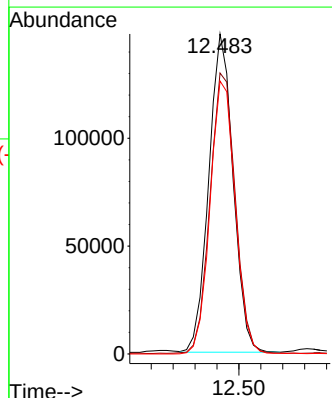
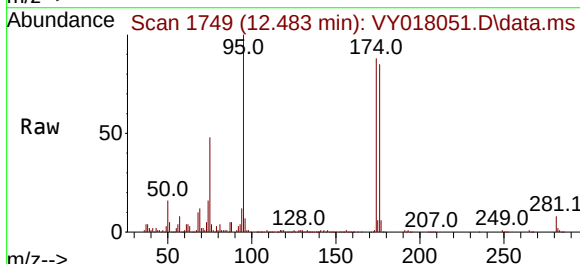
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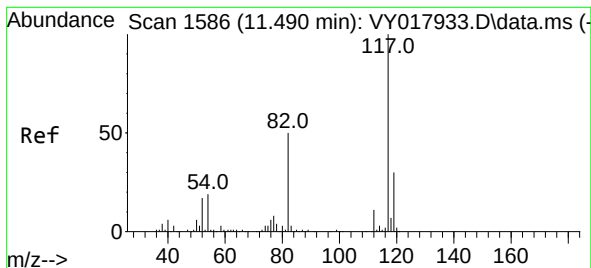
Tgt Ion: 98 Resp: 689903
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018051.D
Acq: 25 Apr 2024 15:17

Tgt Ion: 95 Resp: 227647
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018051.D

Acq: 25 Apr 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

RO-RBR200059

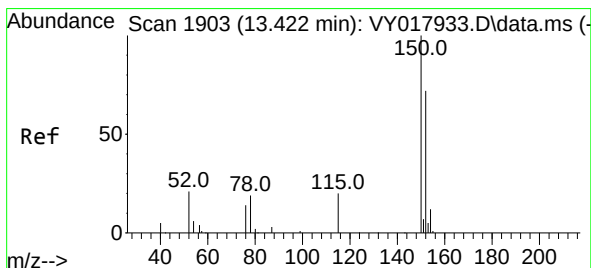
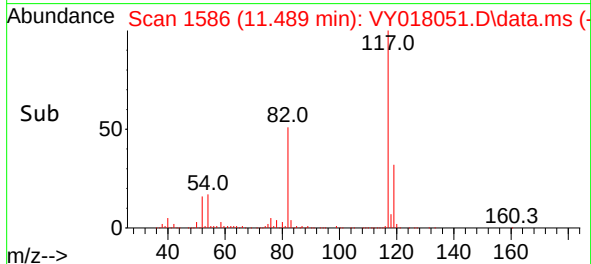
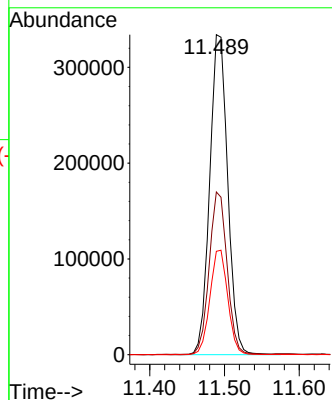
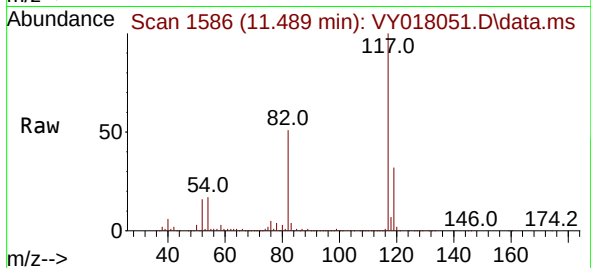
Tgt Ion:117 Resp: 557554

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 32.3 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: VY018051.D

Acq: 25 Apr 2024 15:17

Tgt Ion:152 Resp: 247601

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 156.2 0.0 345.6

