

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018048.D
 Acq On : 25 Apr 2024 13:58
 Operator : SY/MD
 Sample : P2261-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-RBR200059

Quant Time: Apr 26 02:01:46 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	7.795	168	1854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	3467	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	3155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1819	113.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	226.760%#
35) Dibromofluoromethane	7.728	113	1550	72.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.940%
50) Toluene-d8	10.185	98	4185	51.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.483	95	603	23.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.980%

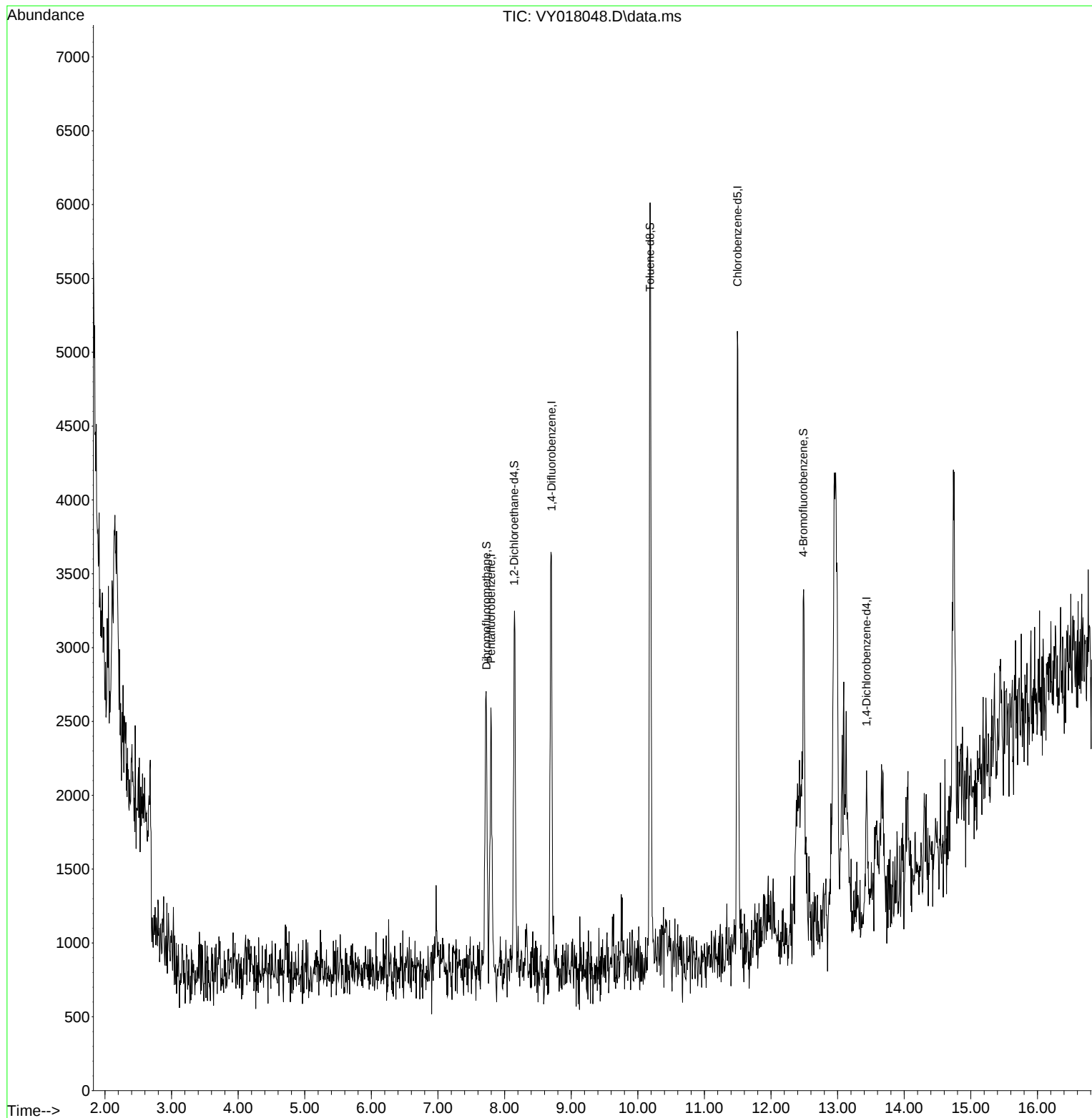
Target Compounds	Qvalue

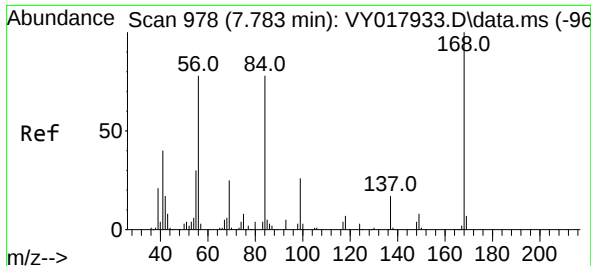
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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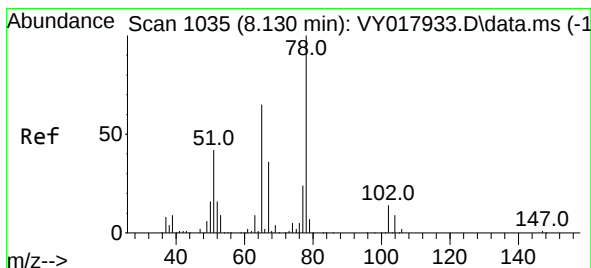
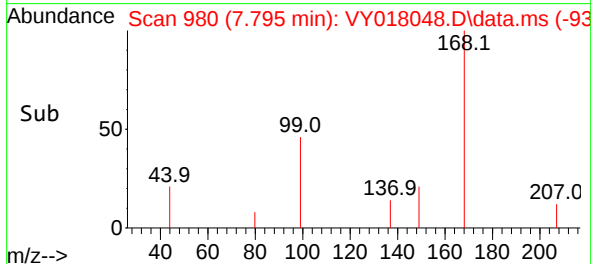
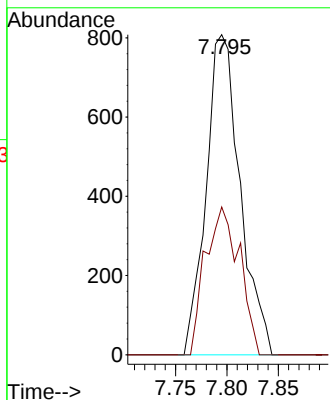
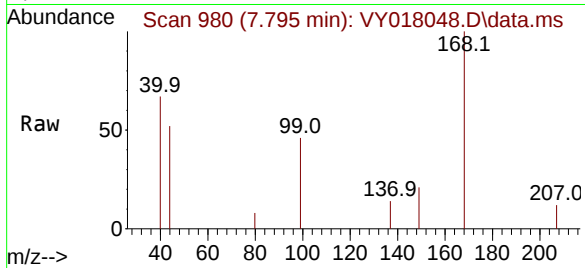




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018048.D
Acq: 25 Apr 2024 13:58

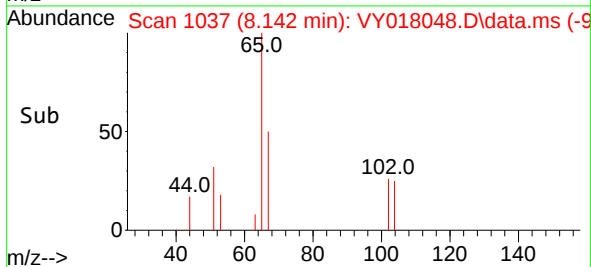
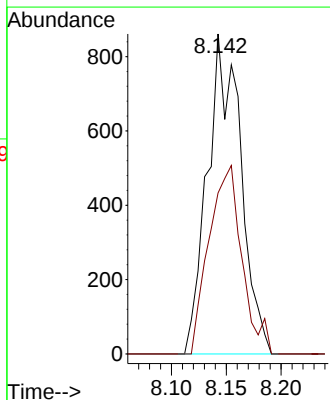
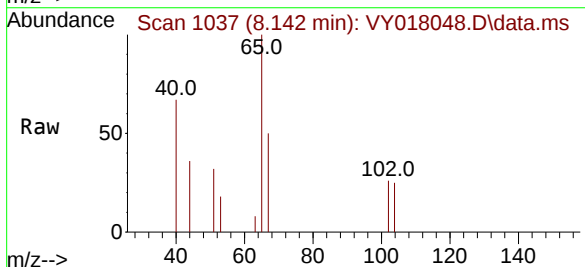
Instrument :
MSVOA_Y
ClientSampleId :
RO-RBR200059

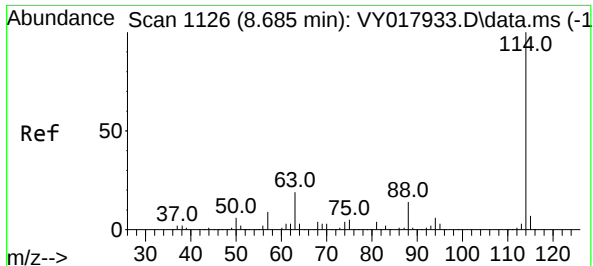
Tgt Ion:168 Resp: 1854
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 113.376 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018048.D
Acq: 25 Apr 2024 13:58

Tgt Ion: 65 Resp: 1819
Ion Ratio Lower Upper
65 100
67 58.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY018048.D

Acq: 25 Apr 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

RO-RBR200059

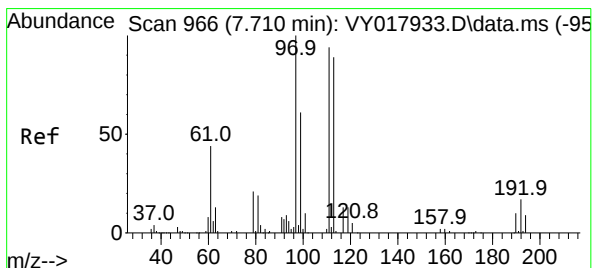
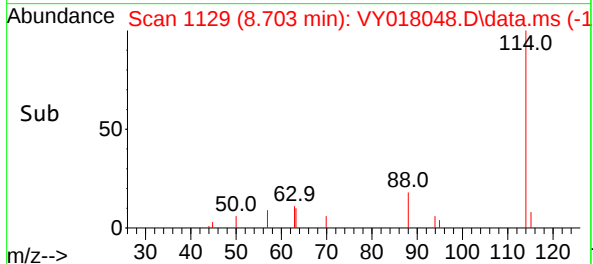
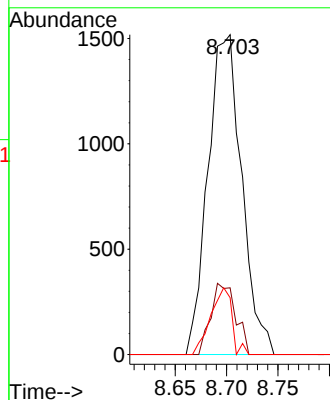
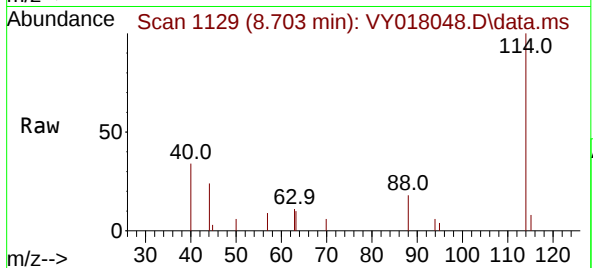
Tgt Ion:114 Resp: 3467

Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

88 17.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 72.466 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018048.D

Acq: 25 Apr 2024 13:58

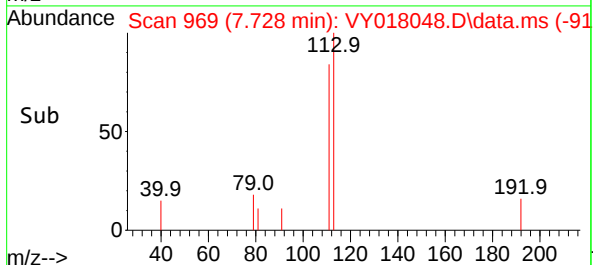
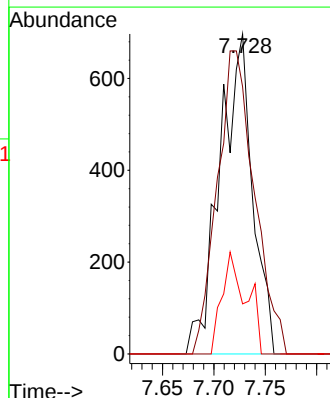
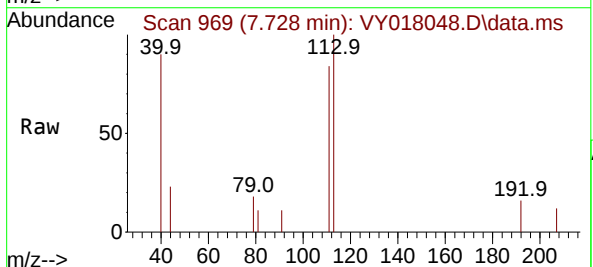
Tgt Ion:113 Resp: 1550

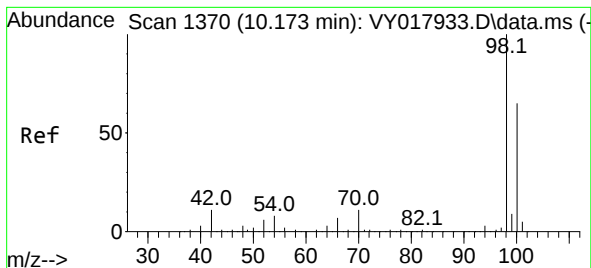
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 23.5 15.9 23.9





#50

Toluene-d8

Concen: 51.564 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018048.D

Acq: 25 Apr 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

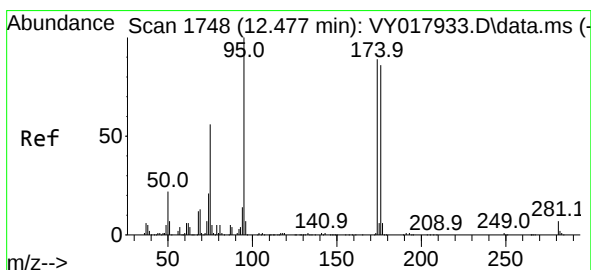
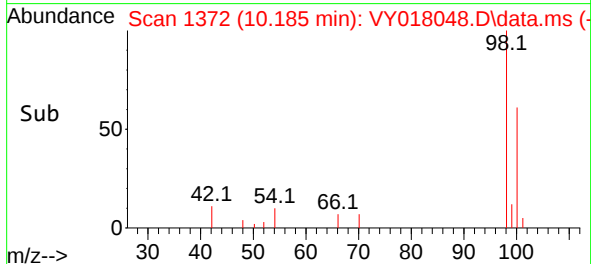
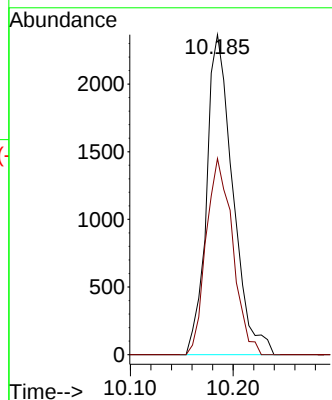
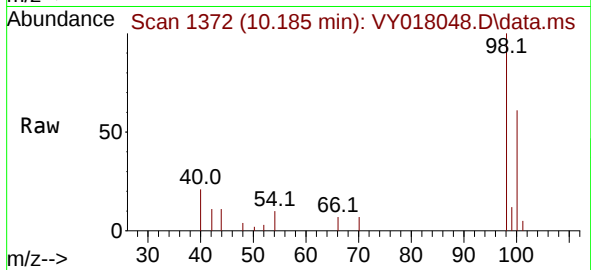
RO-RBR200059

Tgt Ion: 98 Resp: 4185

Ion Ratio Lower Upper

98 100

100 62.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 23.989 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018048.D

Acq: 25 Apr 2024 13:58

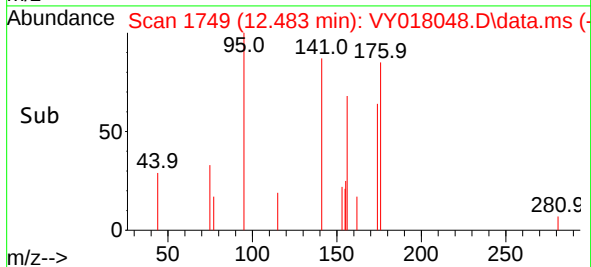
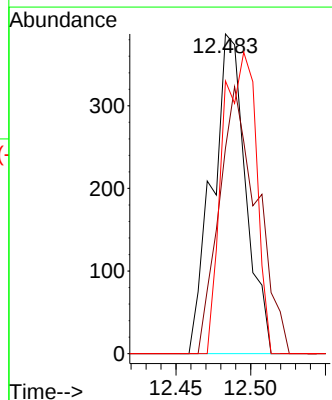
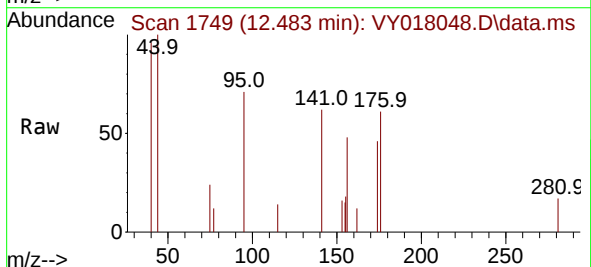
Tgt Ion: 95 Resp: 603

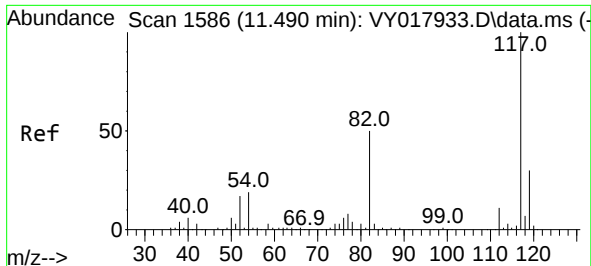
Ion Ratio Lower Upper

95 100

174 94.2 0.0 175.6

176 94.7 0.0 171.4

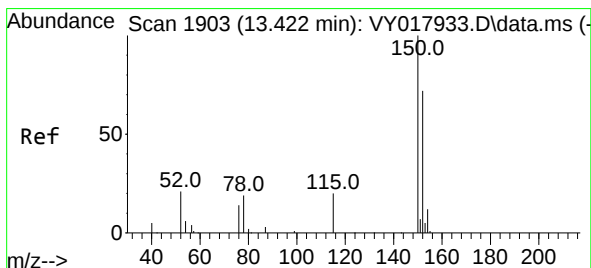
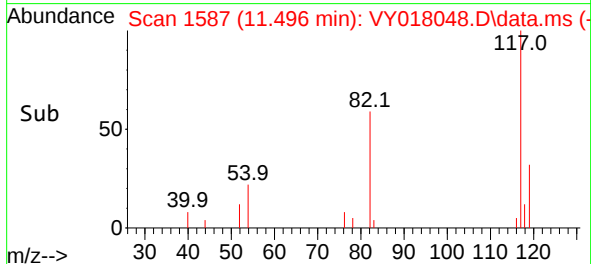
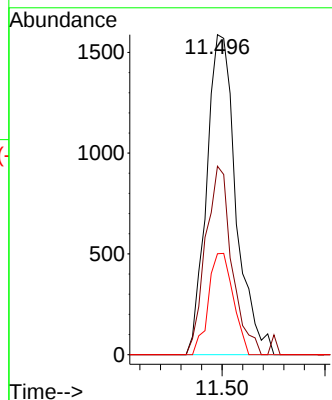
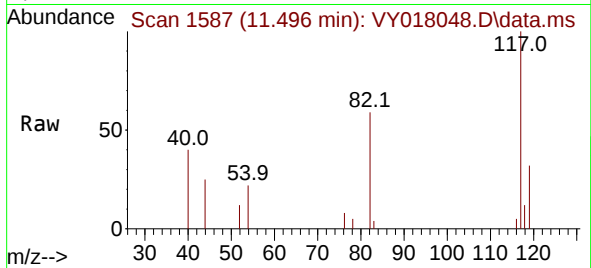




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018048.D
Acq: 25 Apr 2024 13:58

Instrument :
MSVOA_Y
ClientSampleId :
RO-RBR200059

Tgt Ion:	117	Resp:	3155
Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	31.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018048.D
Acq: 25 Apr 2024 13:58

Tgt Ion:	152	Resp:	463
Ion	Ratio	Lower	Upper
152	100		
115	47.1	28.2	84.7
150	129.6	0.0	345.6

