

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017618.D
 Acq On : 08 Mar 2024 12:11
 Operator : SY/MD
 Sample : P1705-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Mar 08 22:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	7890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	282	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	913	12.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	24.420%#
35) Dibromofluoromethane	7.710	113	1890	29.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.440%
50) Toluene-d8	10.185	98	8136	36.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.200%
62) 4-Bromofluorobenzene	12.483	95	387	5.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.080%#

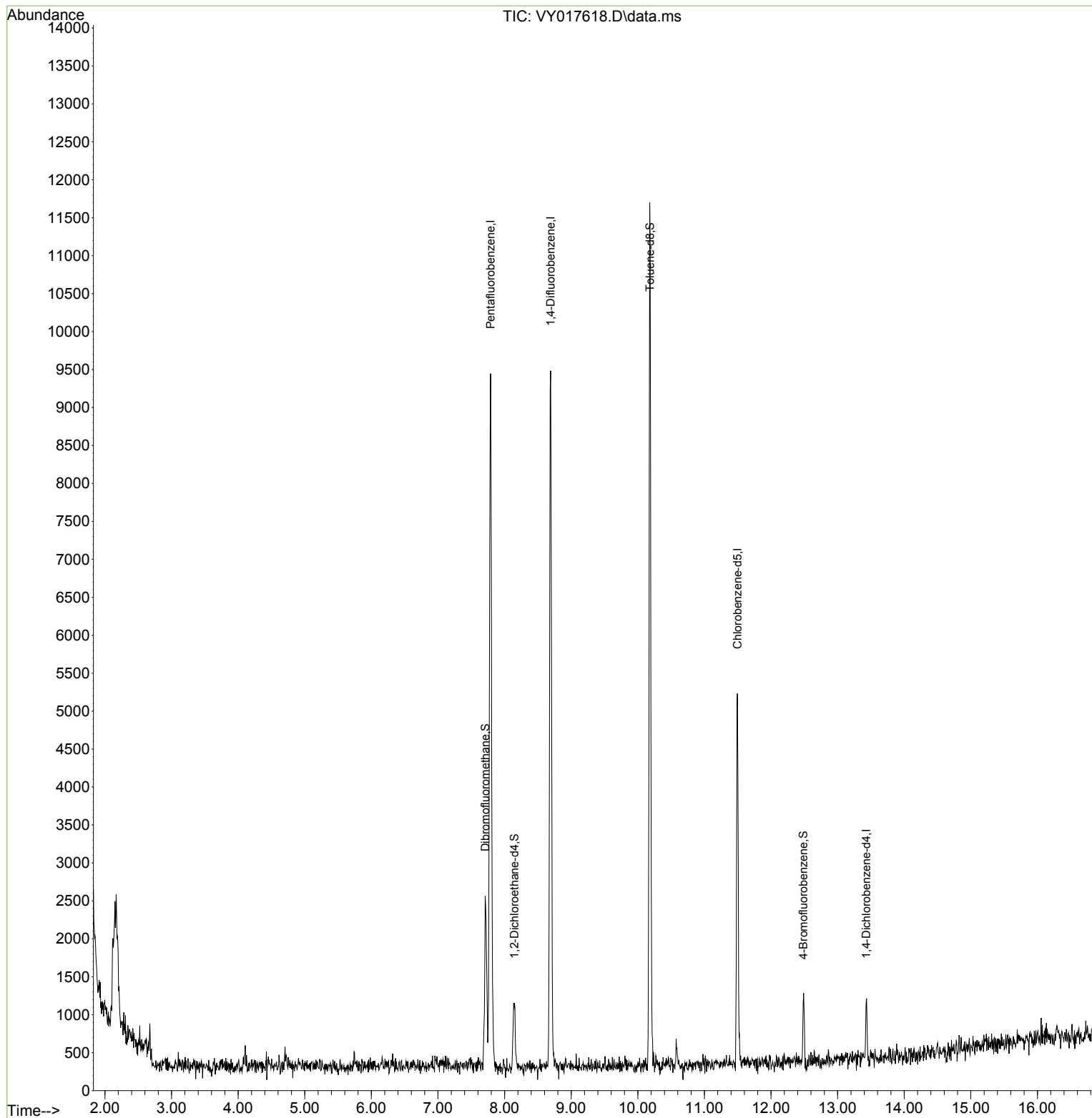
Target Compounds	Qvalue

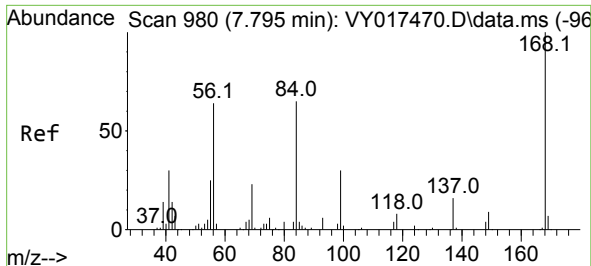
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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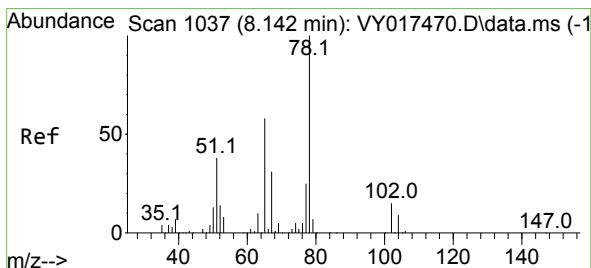
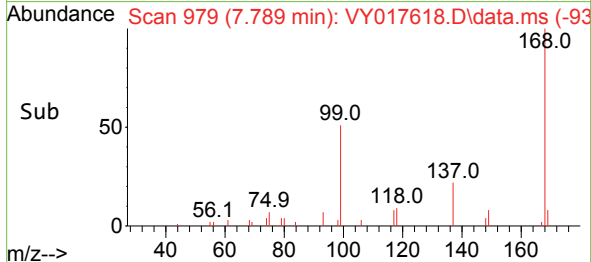
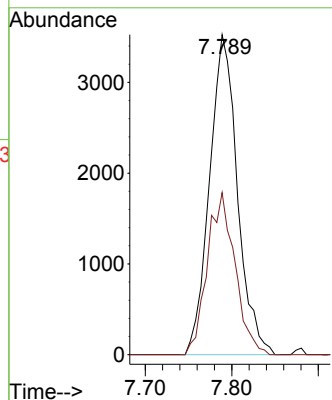
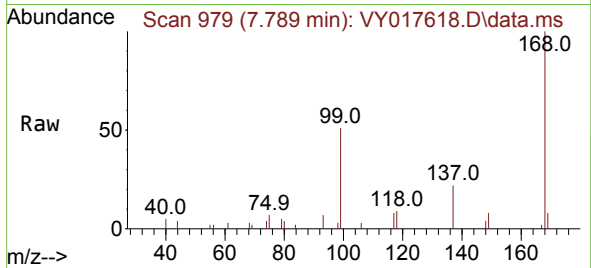




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

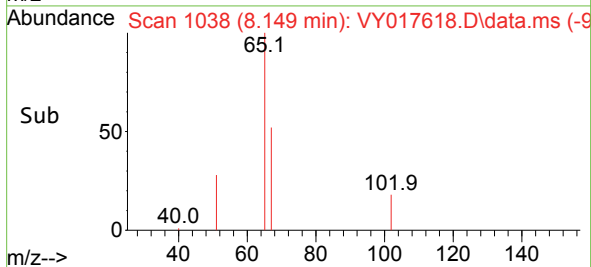
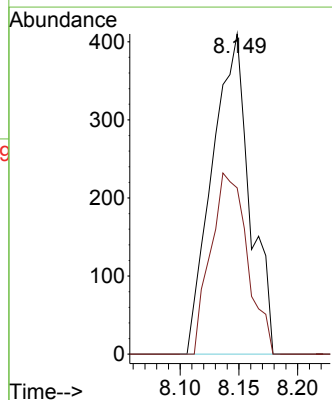
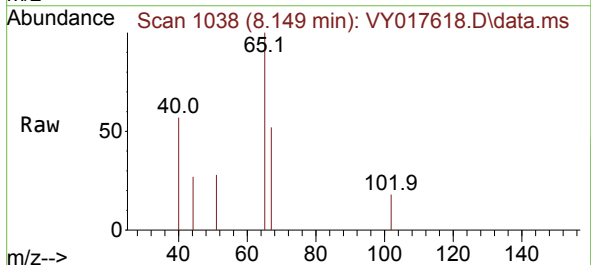
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

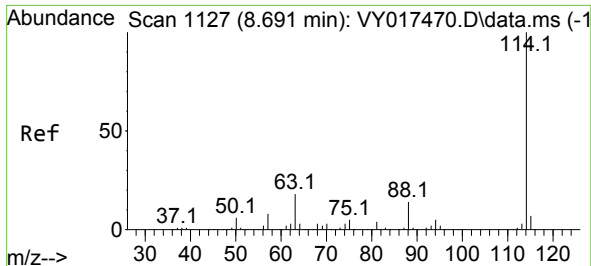
Tgt Ion:168 Resp: 7890
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 12.210 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion: 65 Resp: 913
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

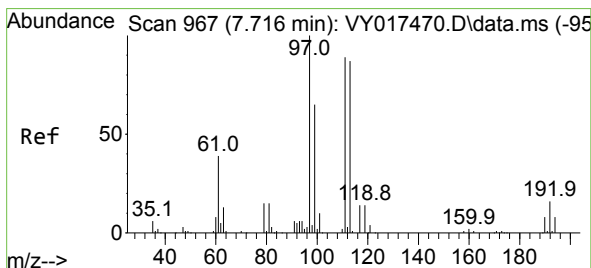
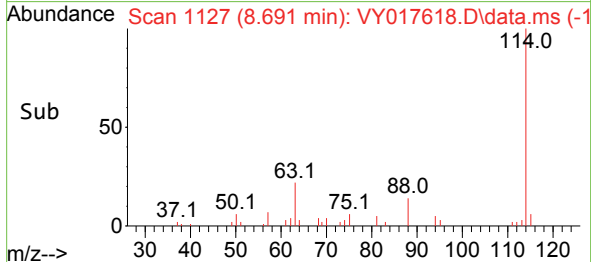
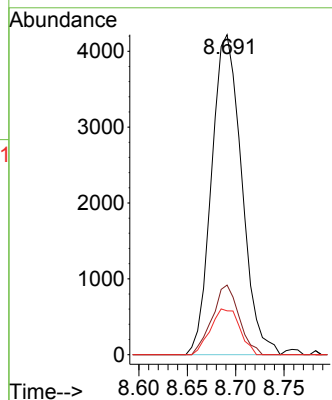
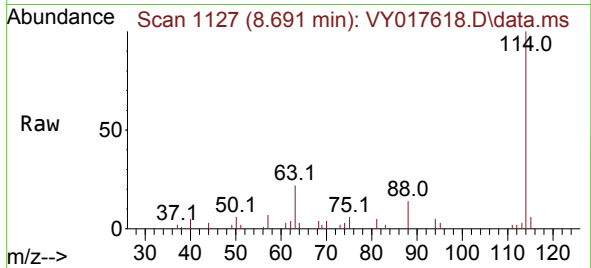




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

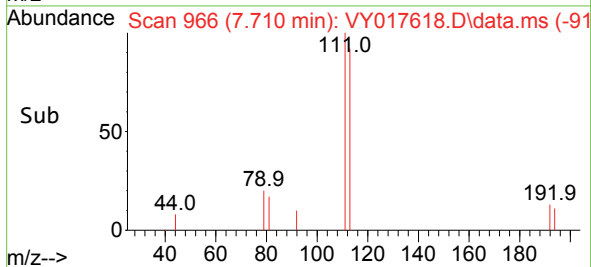
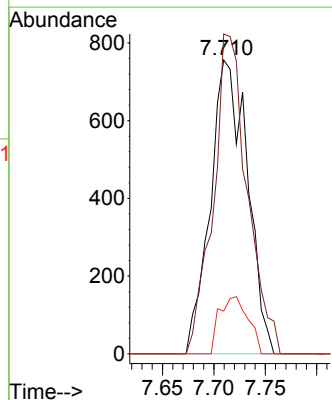
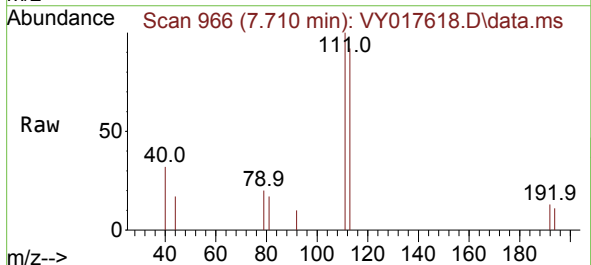
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

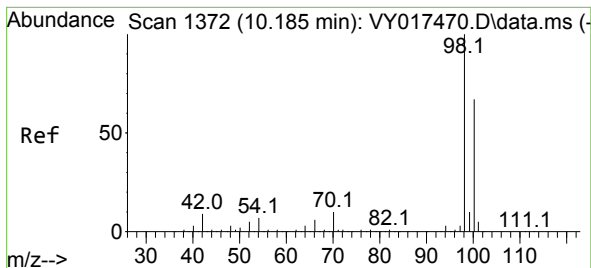
Tgt Ion:114 Resp: 9125
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 29.724 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion:113 Resp: 1890
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 15.1 15.9 23.9#





#50

Toluene-d8

Concen: 36.596 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

Instrument :

MSVOA_Y

ClientSampleId :

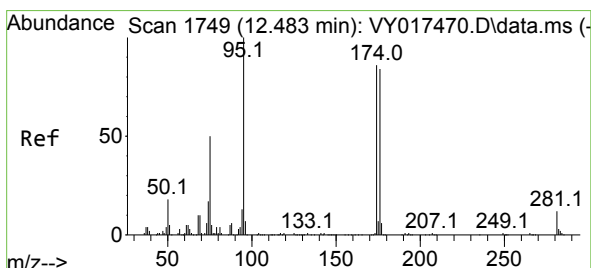
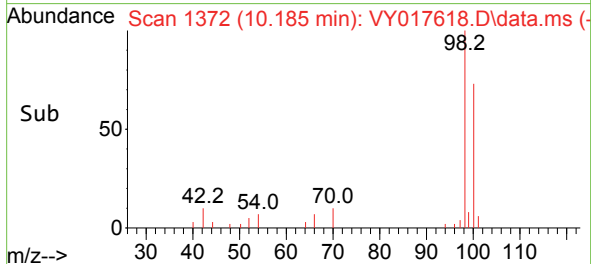
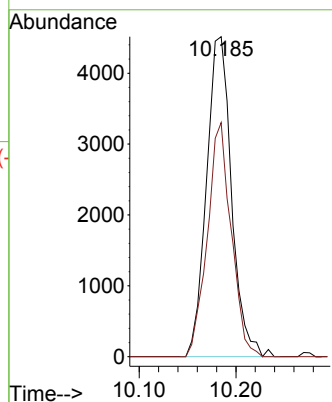
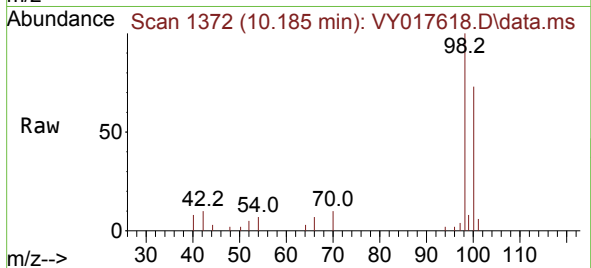
TP-1RE

Tgt Ion: 98 Resp: 8136

Ion Ratio Lower Upper

98 100

100 69.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 5.539 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017618.D

Acq: 08 Mar 2024 12:11

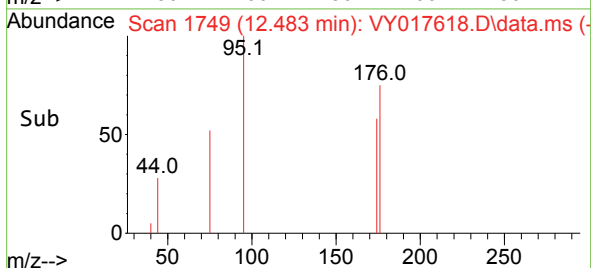
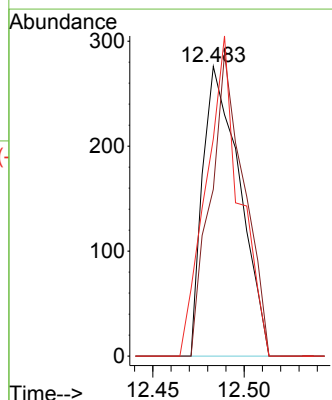
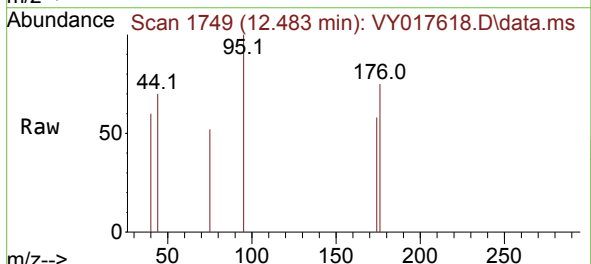
Tgt Ion: 95 Resp: 387

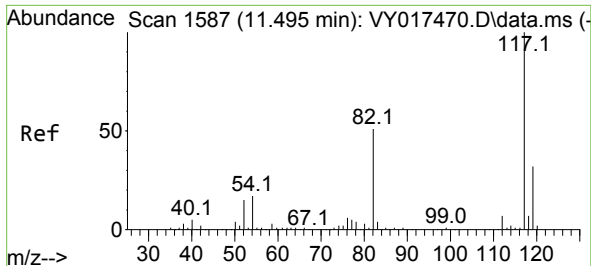
Ion Ratio Lower Upper

95 100

174 95.3 0.0 175.6

176 101.0 0.0 171.4

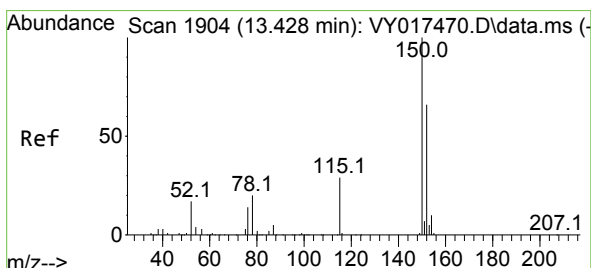
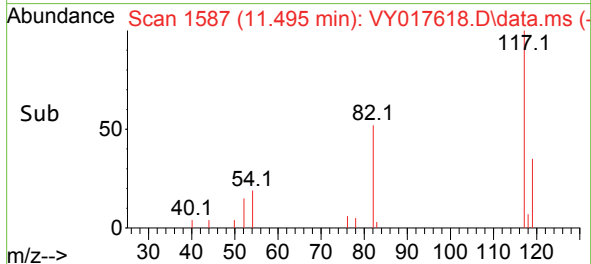
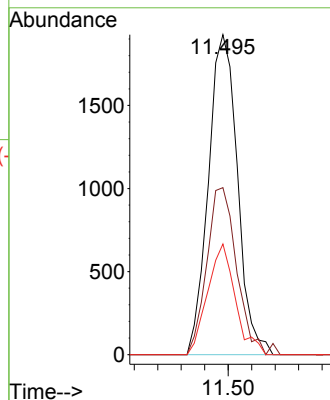
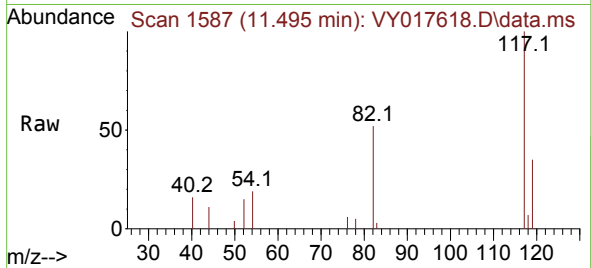




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017618.D
Acq: 08 Mar 2024 12:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:	117	Resp:	3315
Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	34.6	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: VY017618.D
Acq: 08 Mar 2024 12:11

Tgt Ion:	152	Resp:	282
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.2	84.7
150	190.4	0.0	345.6

