

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018309.D
 Acq On : 17 May 2024 15:34
 Operator : SY/MD
 Sample : P2498-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-051524RE

Quant Time: May 18 00:51:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	68349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	114508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25138	49.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.709	113	31107	51.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.380%
50) Toluene-d8	10.178	98	127725	53.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.477	95	34392	44.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.820%

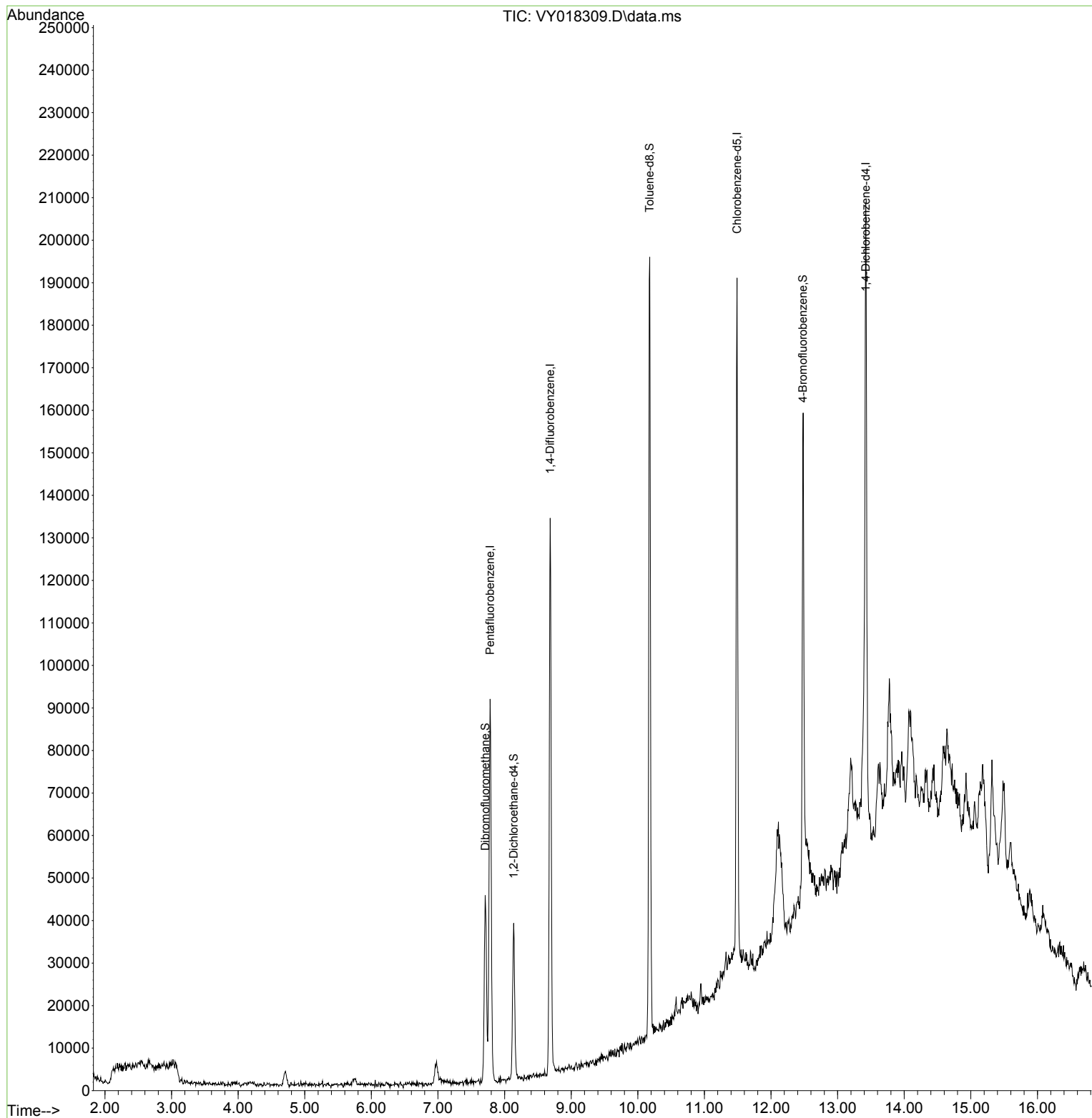
Target Compounds	Qvalue

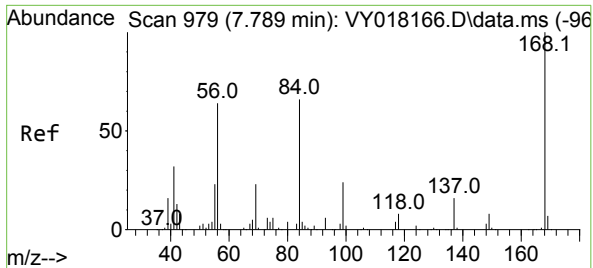
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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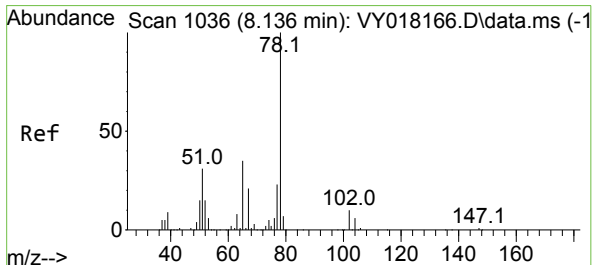
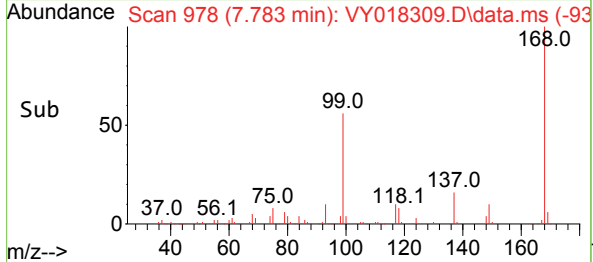
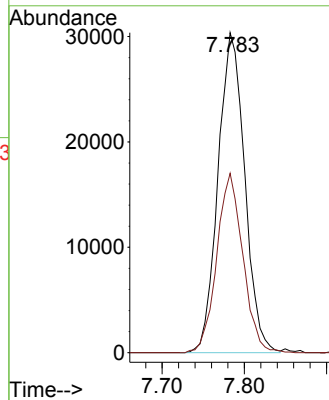
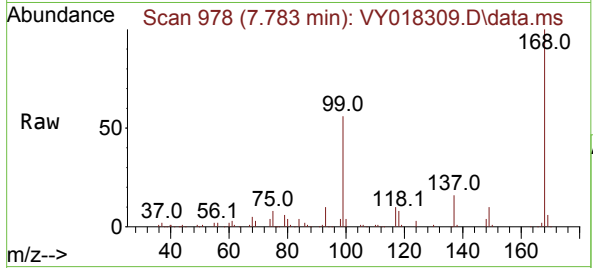




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

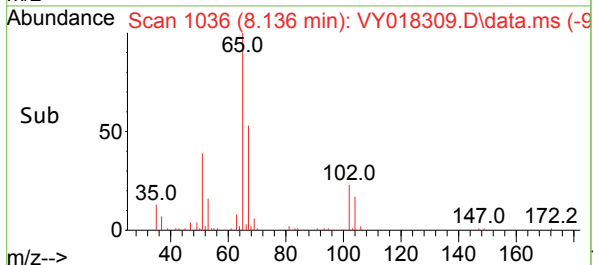
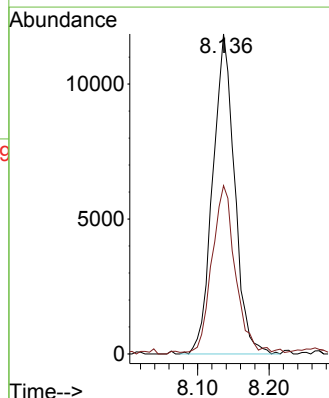
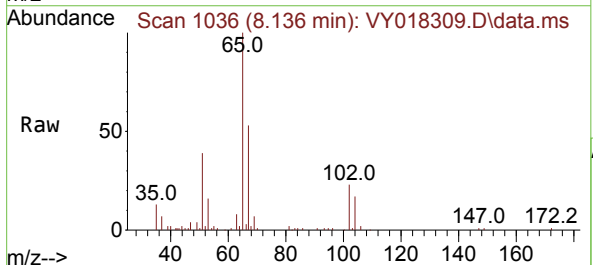
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-051524RE

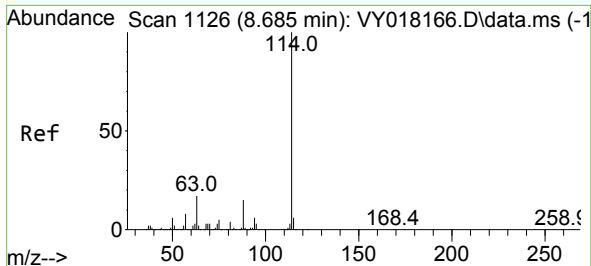
Tgt Ion:168 Resp: 68349
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.994 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

Tgt Ion: 65 Resp: 25138
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

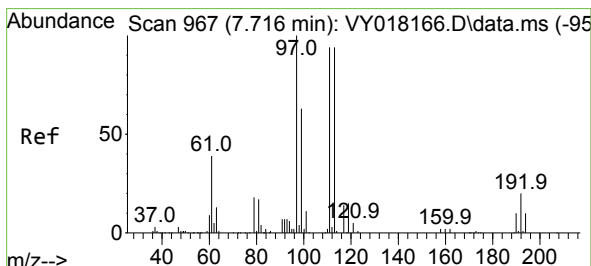
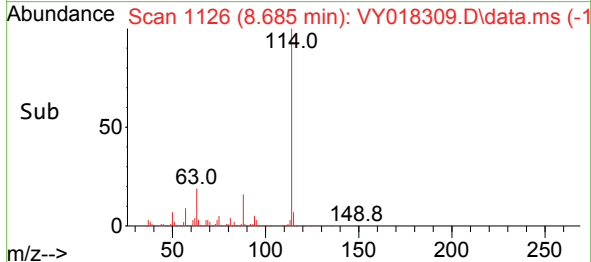
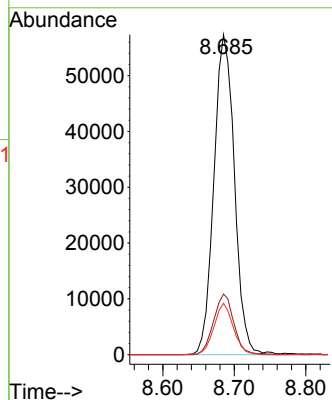
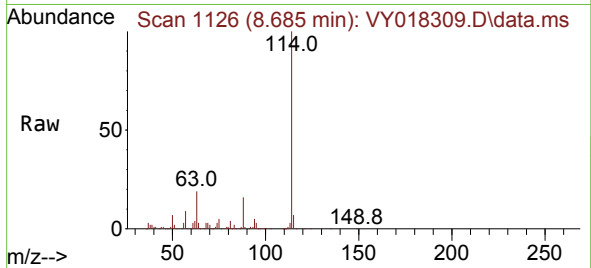




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

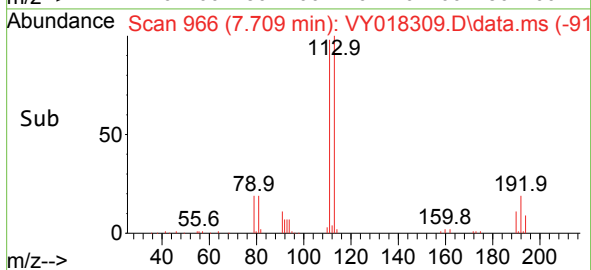
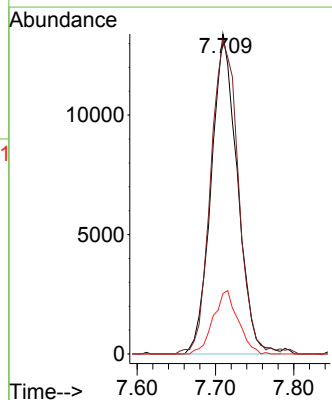
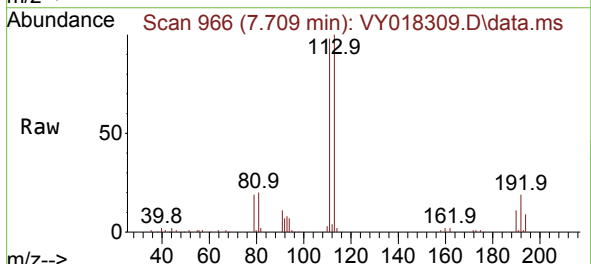
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-051524RE

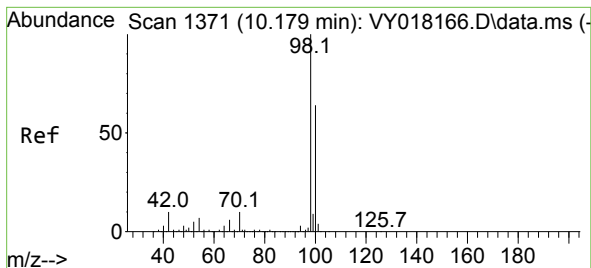
Tgt Ion:	114	Resp:	114508
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	35.0
88	16.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

Tgt Ion:	113	Resp:	31107
Ion Ratio	Lower	Upper	
113	100		
111	104.9	82.2	123.4
192	18.8	15.9	23.9

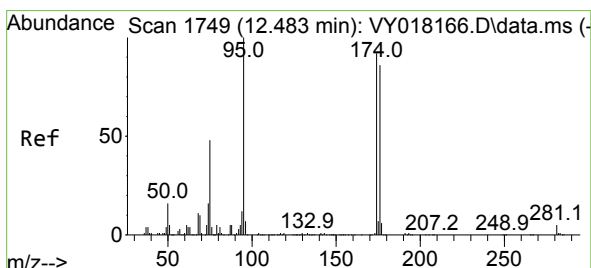
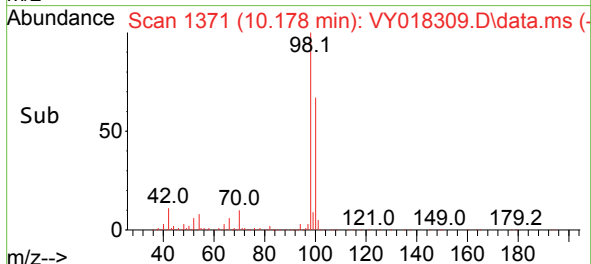
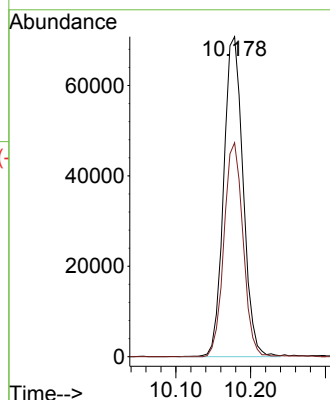
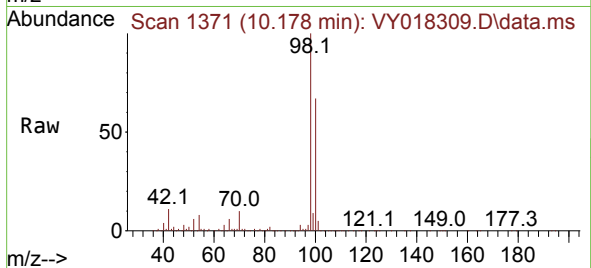




#50
Toluene-d8
Concen: 53.860 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

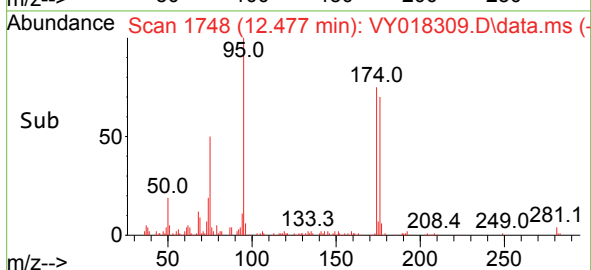
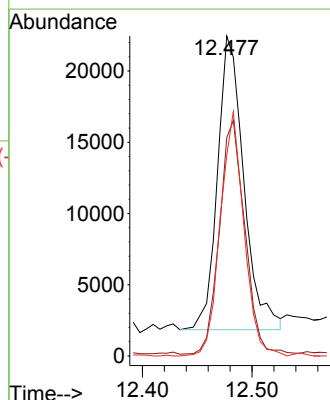
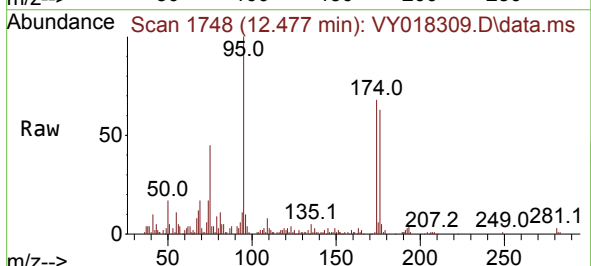
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-051524RE

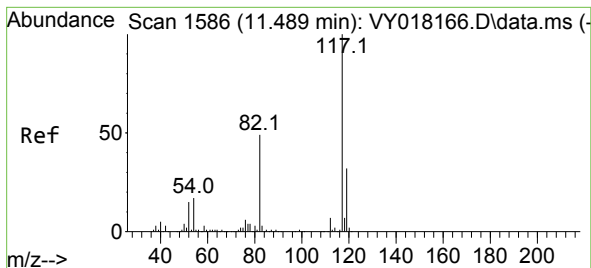
Tgt Ion: 98 Resp: 127725
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.908 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018309.D
Acq: 17 May 2024 15:34

Tgt Ion: 95 Resp: 34392
Ion Ratio Lower Upper
95 100
174 76.5 0.0 175.6
176 74.8 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: VY018309.D

Acq: 17 May 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-051524RE

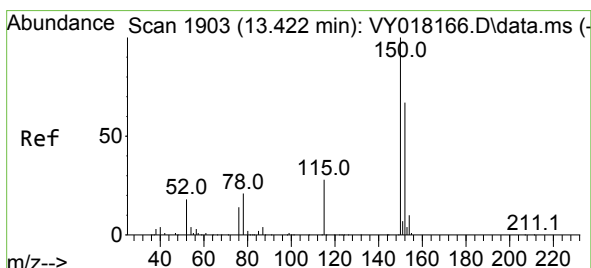
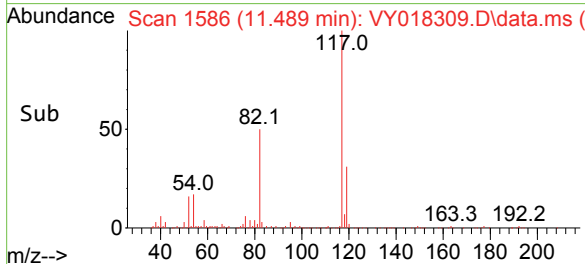
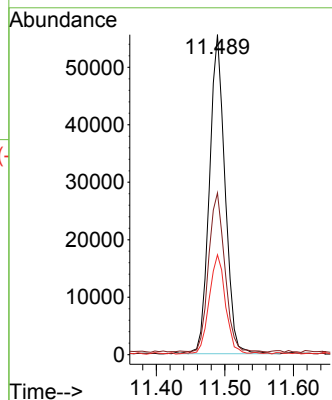
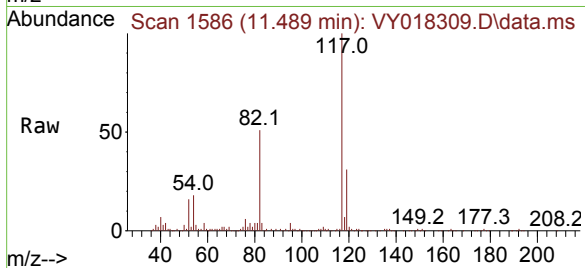
Tgt Ion:117 Resp: 87729

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 31.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018309.D

Acq: 17 May 2024 15:34

Tgt Ion:152 Resp: 32484

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 144.8 0.0 345.6

