

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018312.D
 Acq On : 17 May 2024 16:46
 Operator : SY/MD
 Sample : P2513-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16

Quant Time: May 18 00:52:34 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	3333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1995	81.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.720%
35) Dibromofluoromethane	7.716	113	1552	48.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.179	98	6877	54.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.477	95	1268	30.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.720%

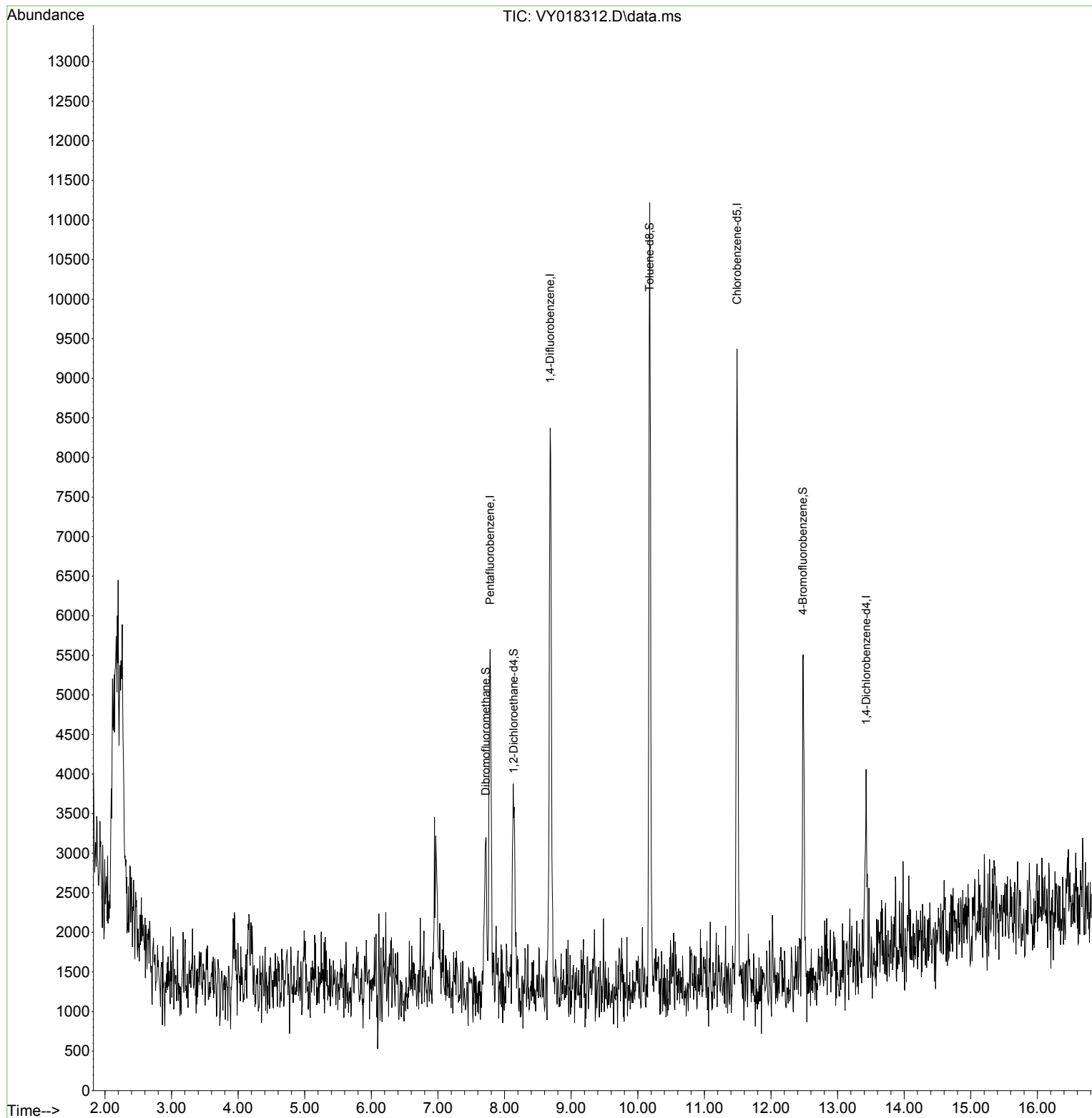
Target Compounds	Qvalue

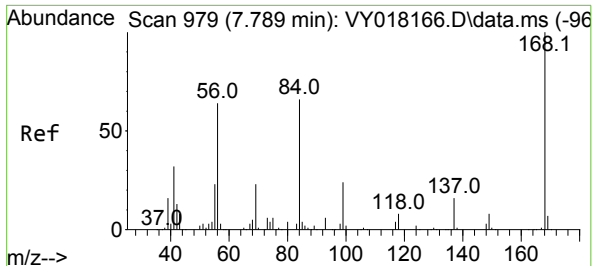
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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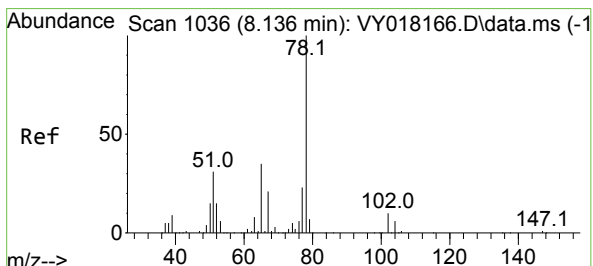
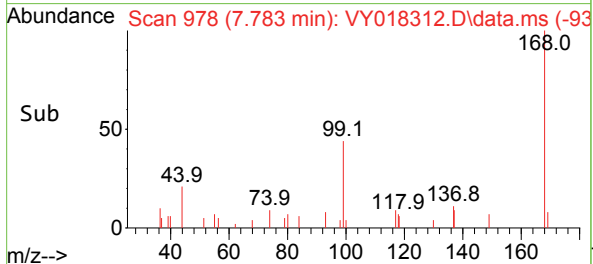
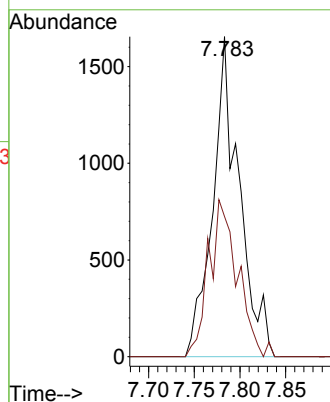
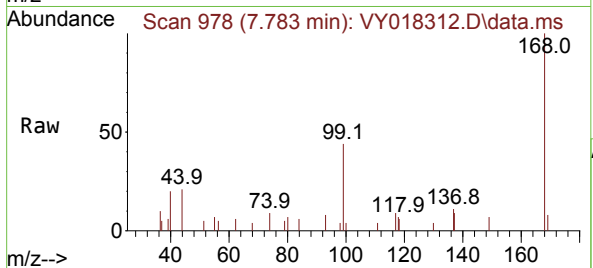




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

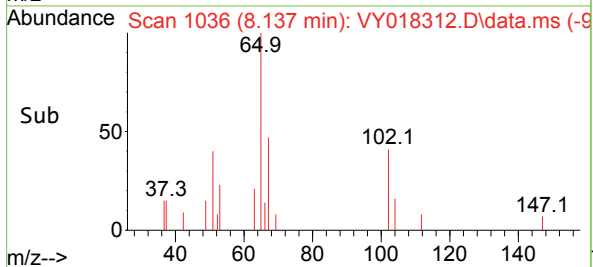
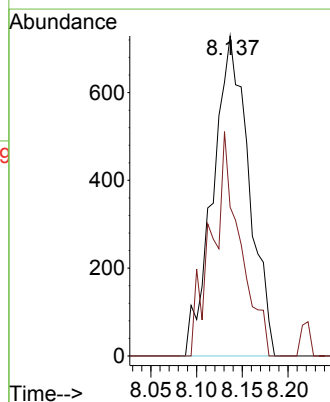
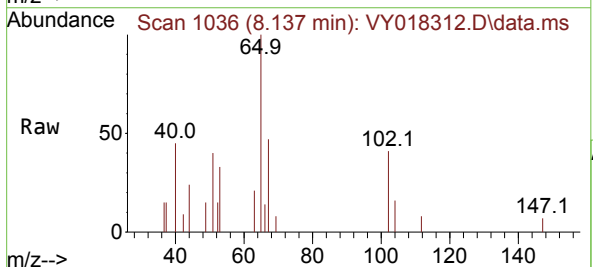
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

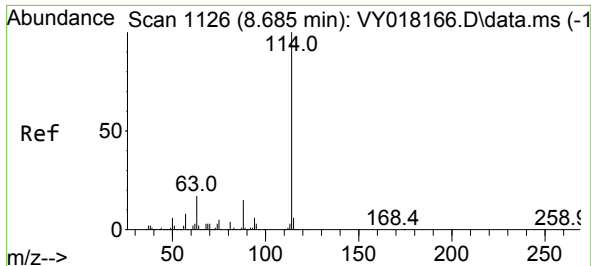
Tgt Ion:168 Resp: 3333
Ion Ratio Lower Upper
168 100
99 43.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 81.363 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 65 Resp: 1995
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

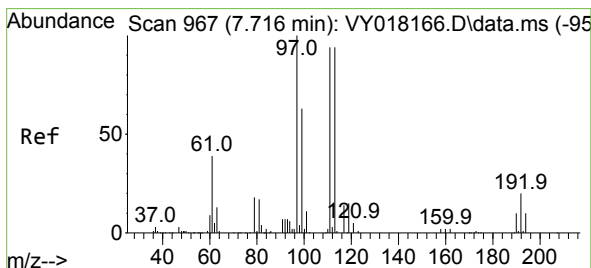
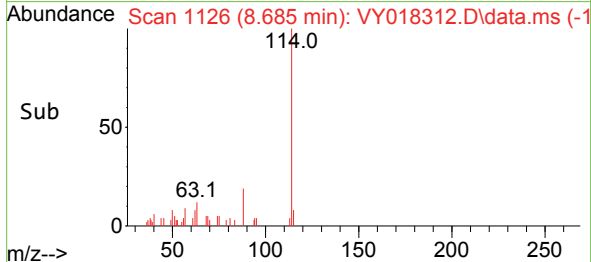
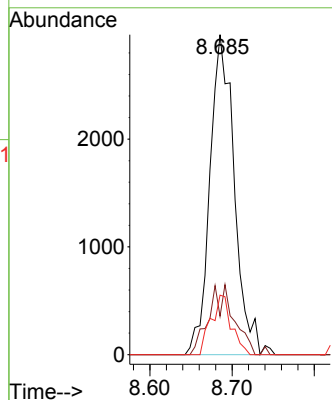
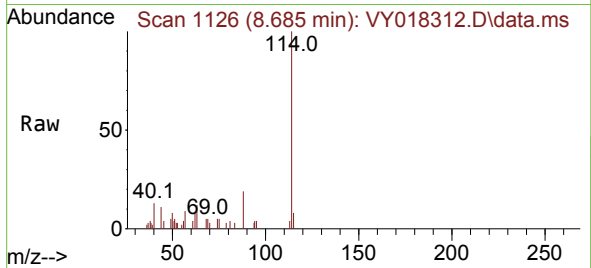




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

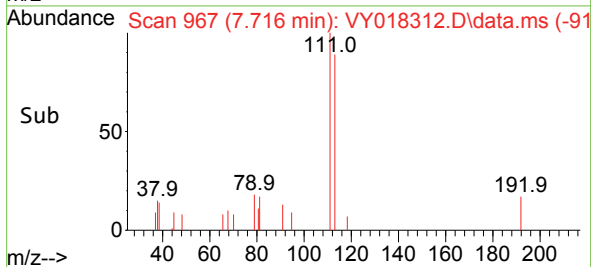
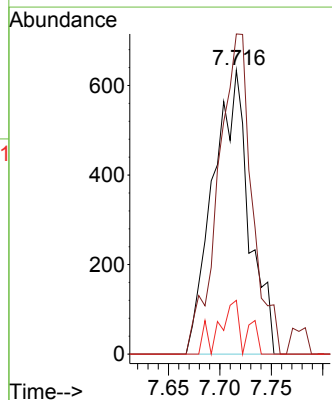
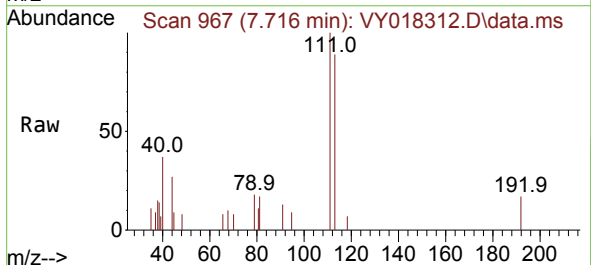
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

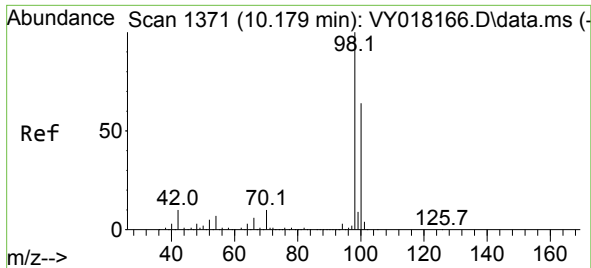
Tgt Ion:	114	Resp:	6144
Ion Ratio	Lower	Upper	
114	100		
63	12.0	0.0	35.0
88	18.6	0.0	27.2



#35
Dibromofluoromethane
Concen: 48.065 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion:	113	Resp:	1552
Ion Ratio	Lower	Upper	
113	100		
111	105.9	82.2	123.4
192	8.4	15.9	23.9

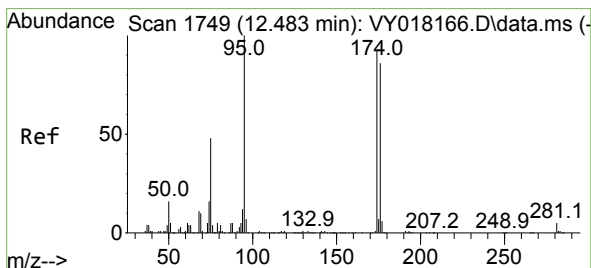
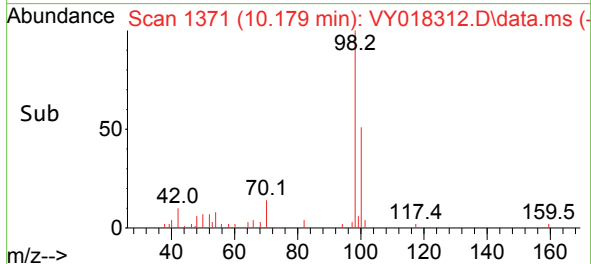
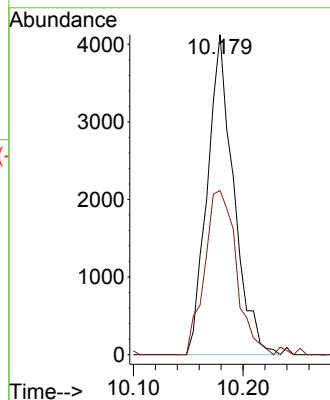
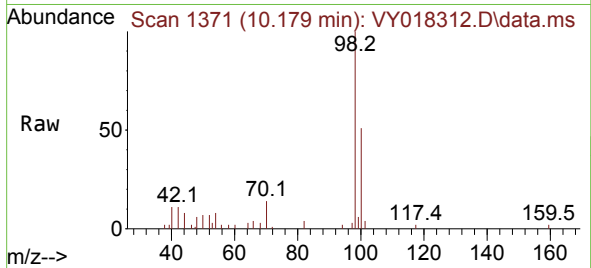




#50
Toluene-d8
Concen: 54.047 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

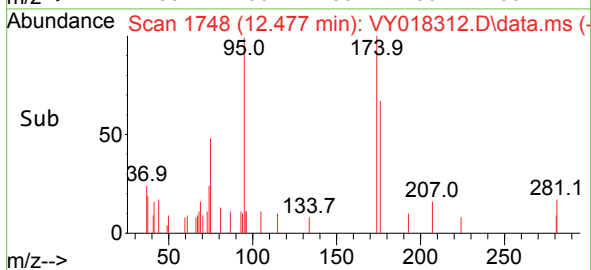
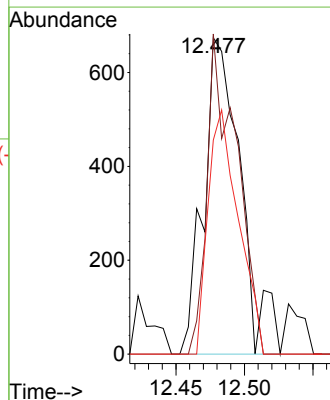
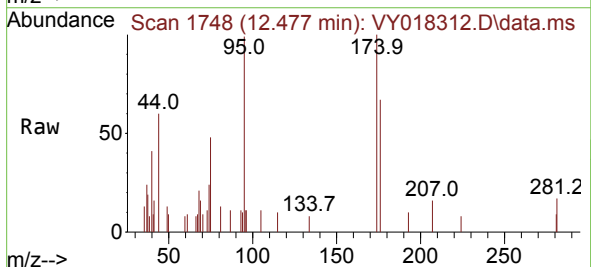
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

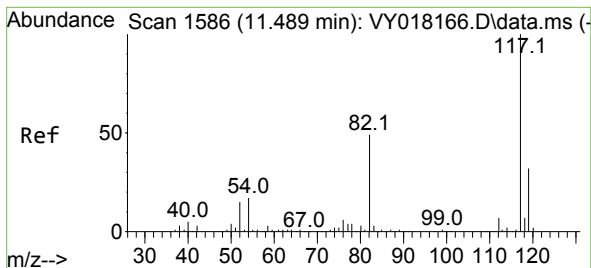
Tgt Ion: 98 Resp: 6877
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 95 Resp: 1268
Ion Ratio Lower Upper
95 100
174 81.1 0.0 175.6
176 63.5 0.0 171.4

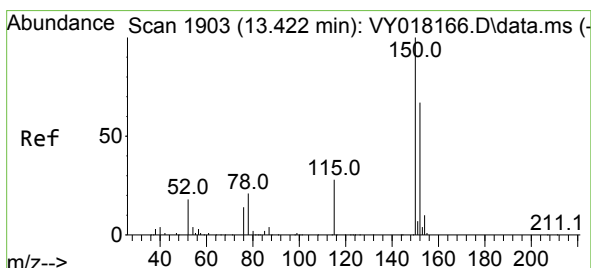
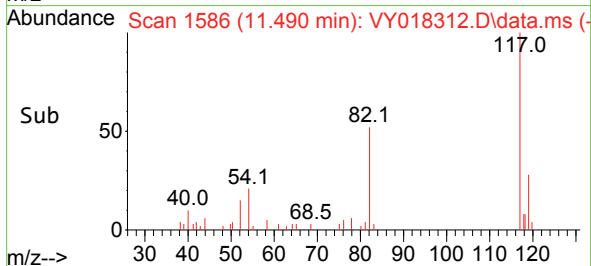
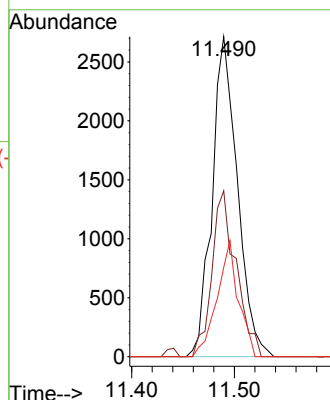
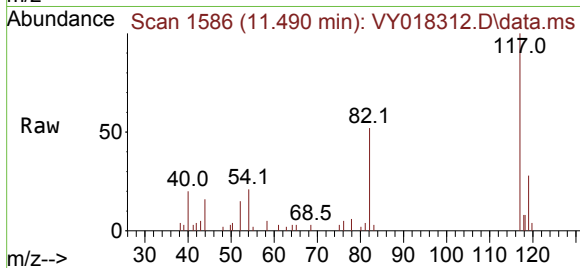




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-16

Tgt Ion:	117	Resp:	4633
Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	27.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion:	152	Resp:	704
Ion	Ratio	Lower	Upper
152	100		
115	44.3	28.2	84.7
150	132.5	0.0	345.6

