

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018215.D
 Acq On : 09 May 2024 17:18
 Operator : SY/MD
 Sample : P2432-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-01-011

Quant Time: May 10 01:20:24 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	6272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2919	63.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.722	113	2670	50.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.179	98	11744	56.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.483	95	2292	33.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.880%

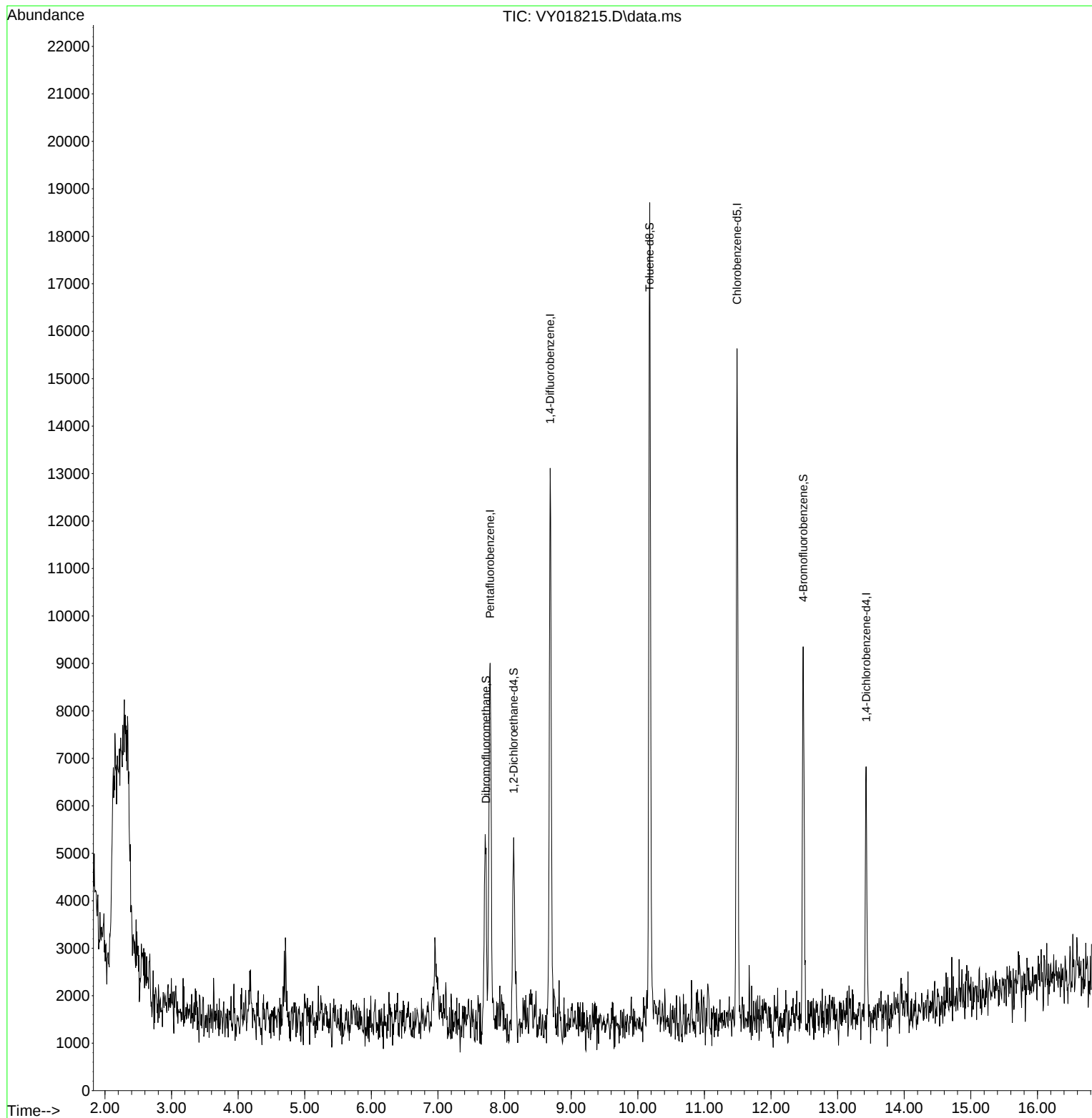
Target Compounds	Qvalue

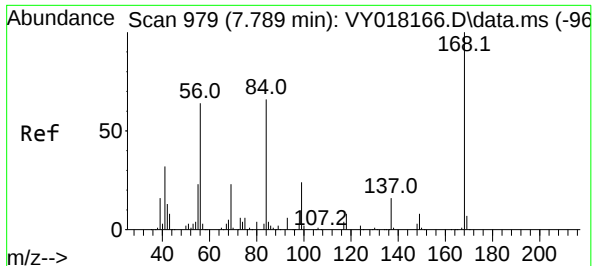
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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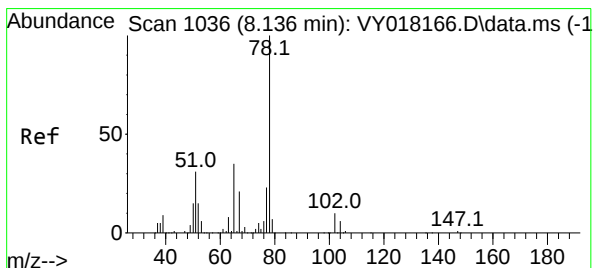
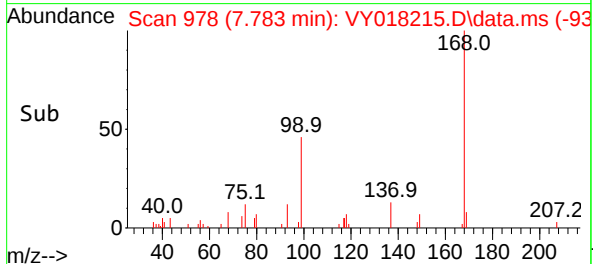
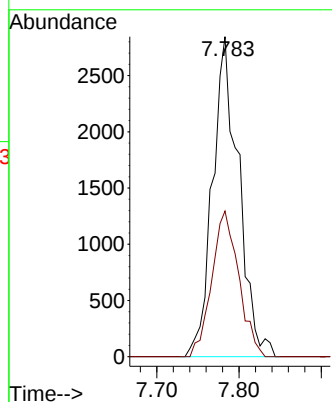
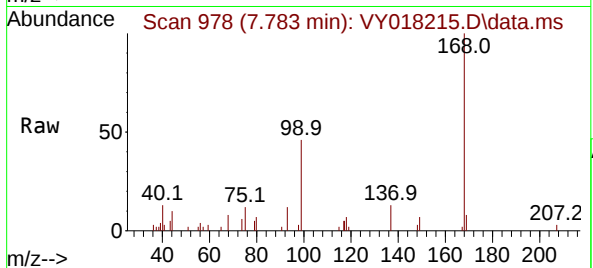




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

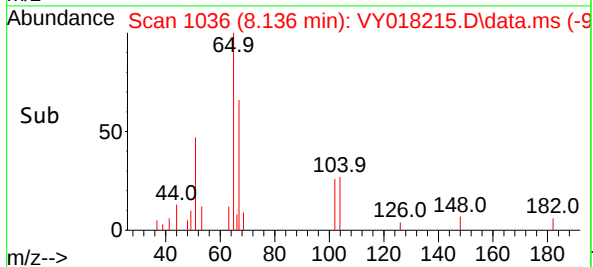
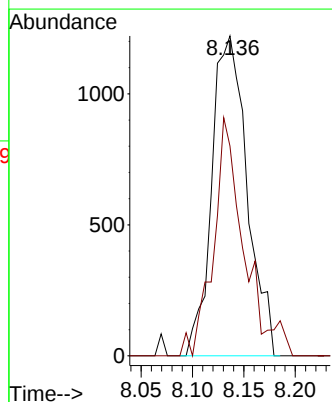
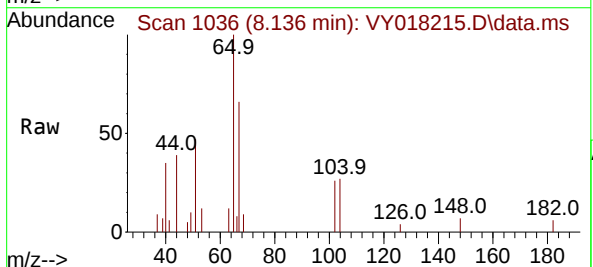
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-011

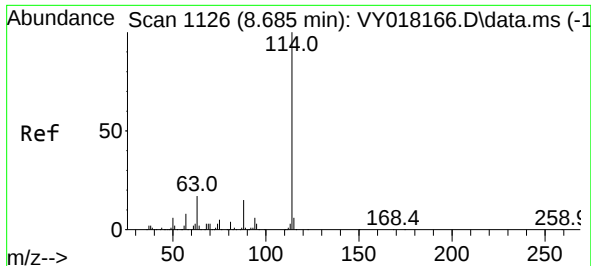
Tgt Ion:168 Resp: 6272
Ion Ratio Lower Upper
168 100
99 45.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.262 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

Tgt Ion: 65 Resp: 2919
Ion Ratio Lower Upper
65 100
67 60.9 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: VY018215.D

Acq: 09 May 2024 17:18

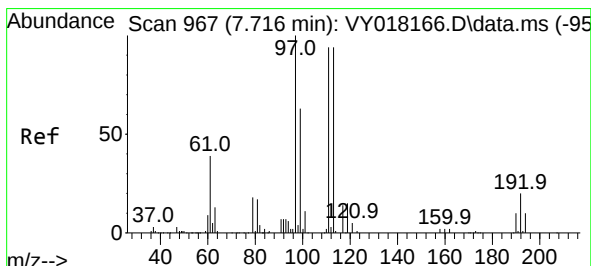
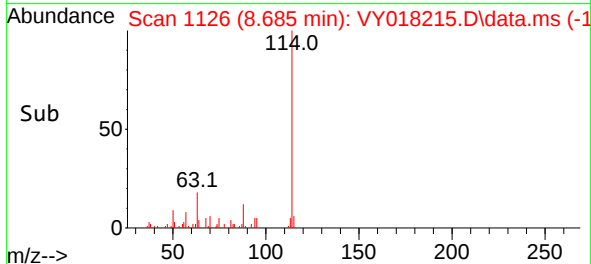
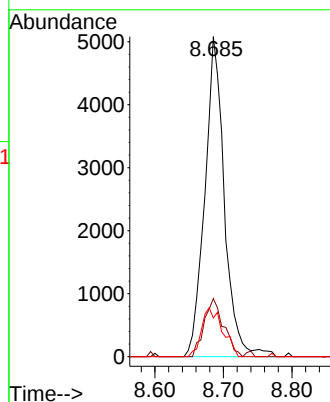
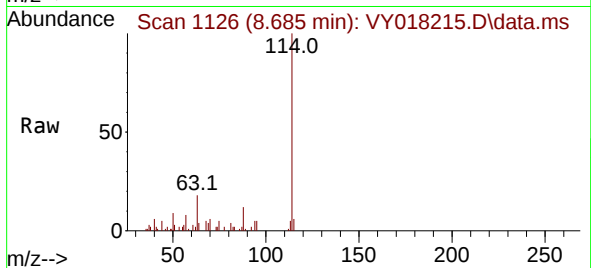
Instrument :

MSVOA_Y

ClientSampleId :

SW-01-011

Tgt Ion:	114	Resp:	10096
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.0
88	12.1	0.0	27.2



#35

Dibromofluoromethane

Concen: 50.321 ug/l

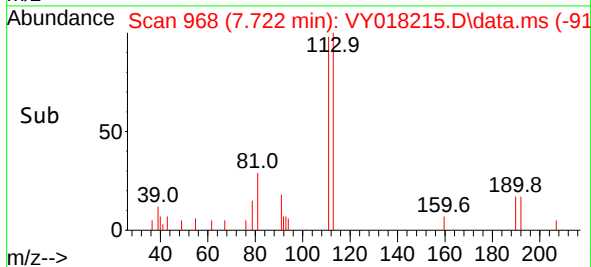
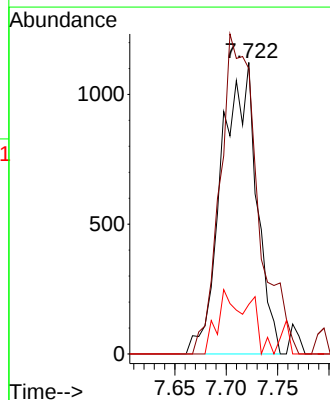
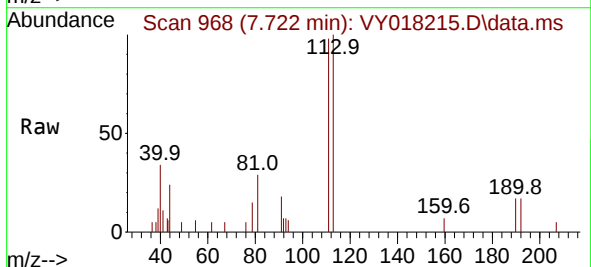
RT: 7.722 min Scan# 968

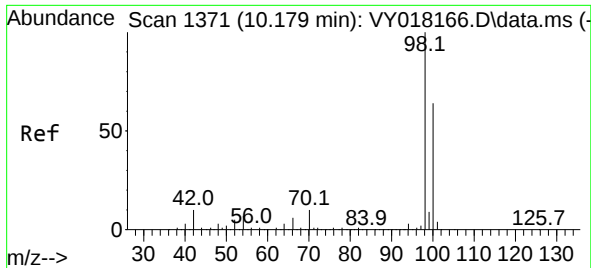
Delta R.T. 0.006 min

Lab File: VY018215.D

Acq: 09 May 2024 17:18

Tgt Ion:	113	Resp:	2670
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.2	123.4#
192	0.0	15.9	23.9#

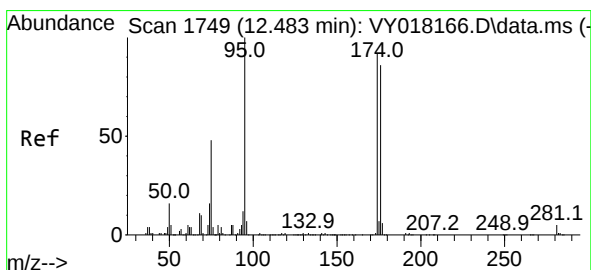
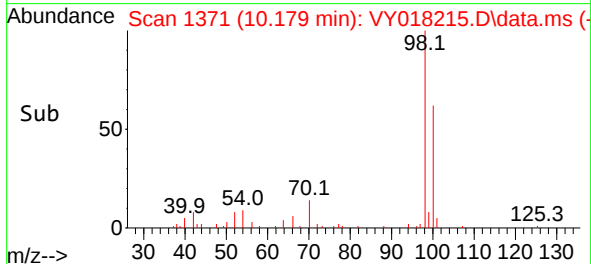
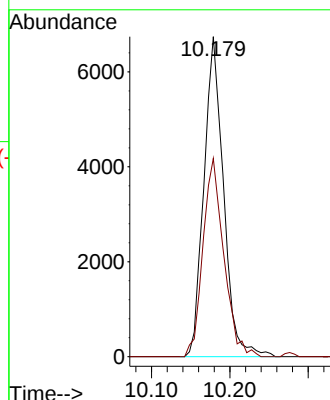
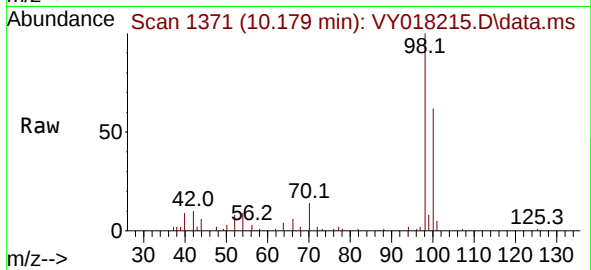




#50
Toluene-d8
Concen: 56.168 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

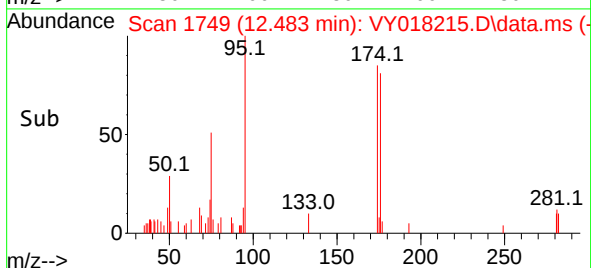
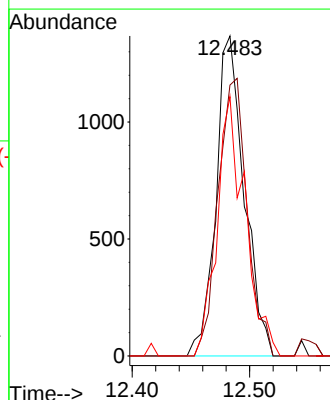
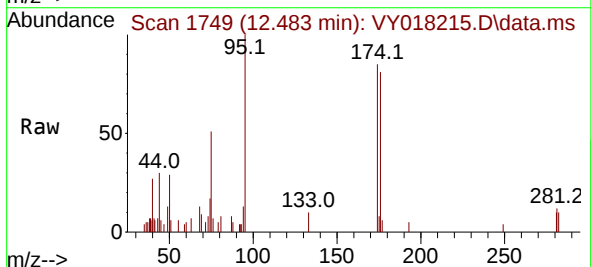
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-011

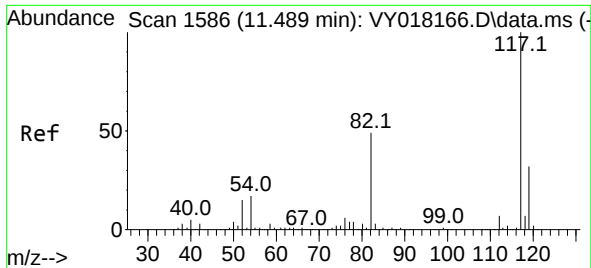
Tgt Ion: 98 Resp: 11744
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

Tgt Ion: 95 Resp: 2292
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 80.5 0.0 171.4

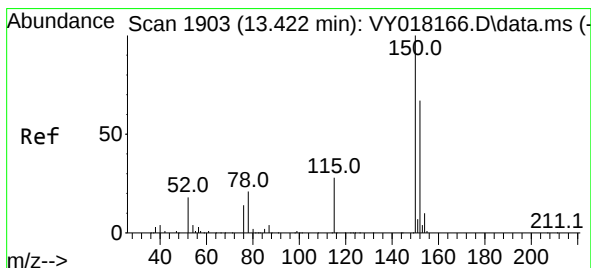
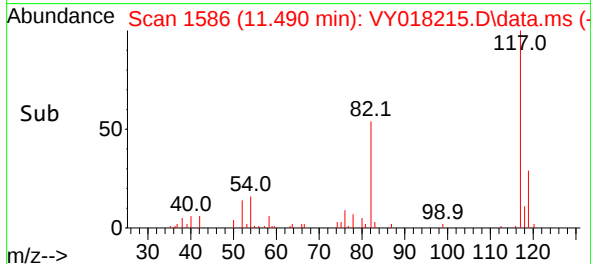
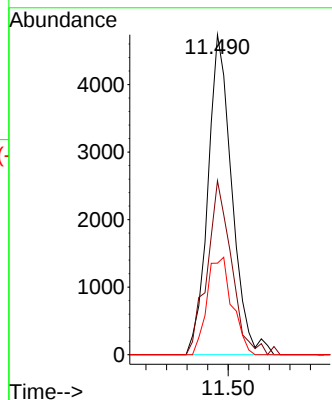
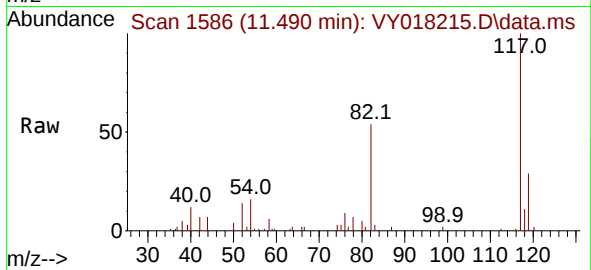




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

Instrument :
MSVOA_Y
ClientSampleId :
SW-01-011

Tgt Ion:	117	Resp:	7683
Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.4	63.6
119	28.6	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018215.D
Acq: 09 May 2024 17:18

Tgt Ion:	152	Resp:	1353
Ion	Ratio	Lower	Upper
152	100		
115	74.9	28.2	84.7
150	155.1	0.0	345.6

