

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018277.D
 Acq On : 15 May 2024 17:02
 Operator : SY/MD
 Sample : P2482-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-01-229

Quant Time: May 16 03:08:26 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	7.789	168	8120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3814	63.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.700%
35) Dibromofluoromethane	7.710	113	3487	49.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.179	98	14081	50.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.483	95	3229	35.880	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.760%

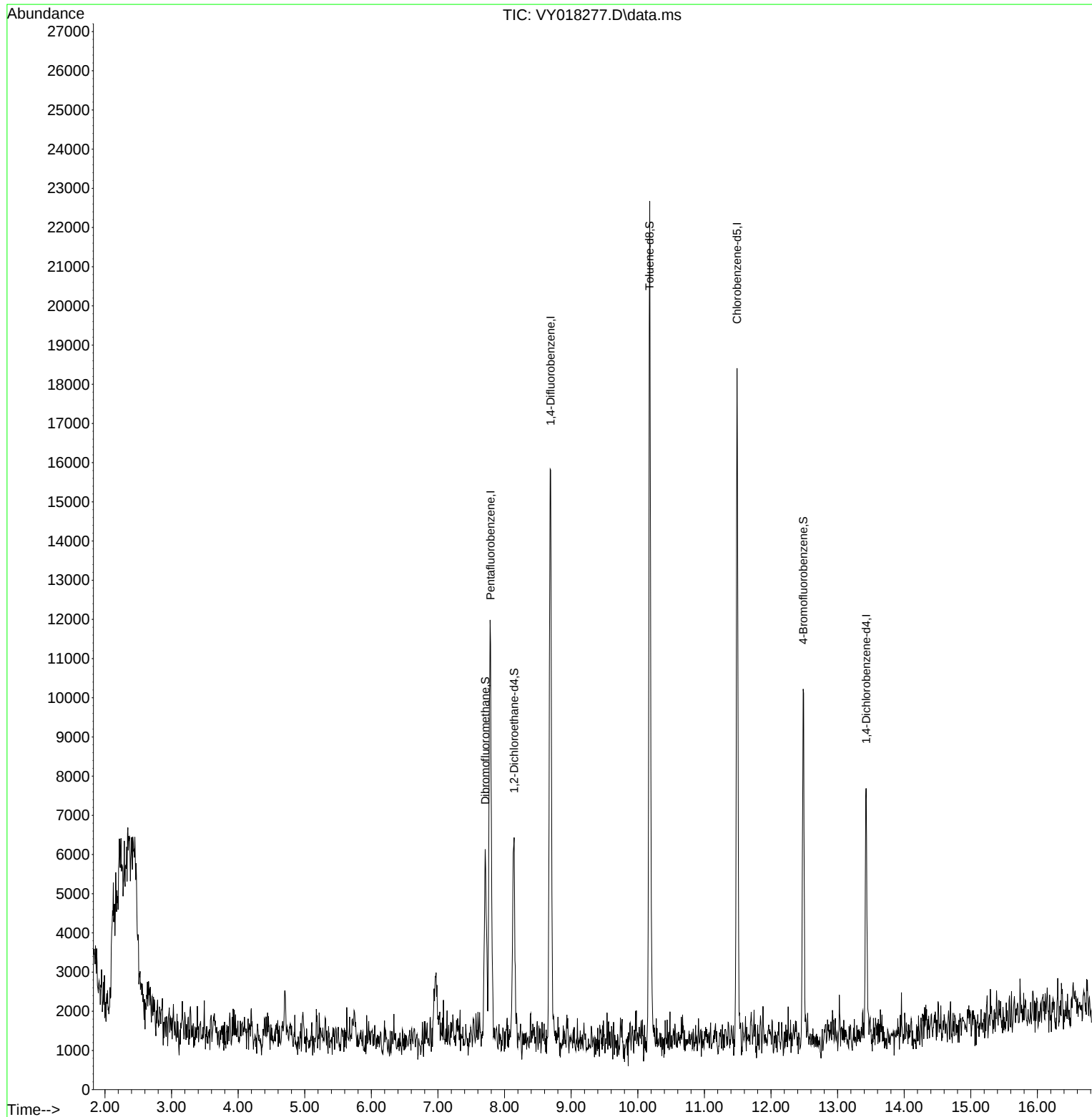
Target Compounds	Qvalue

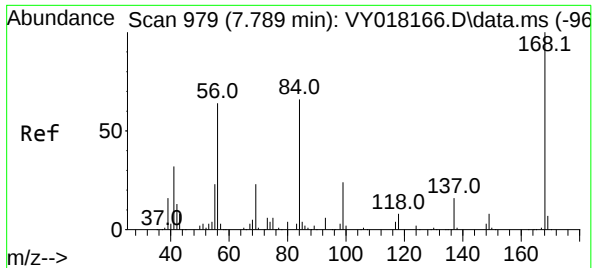
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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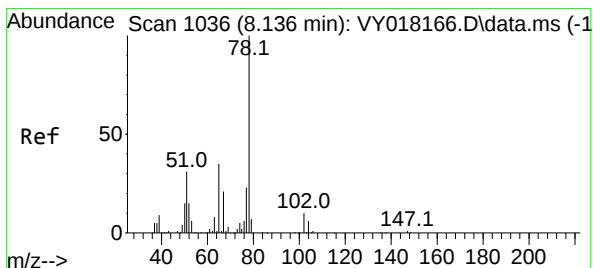
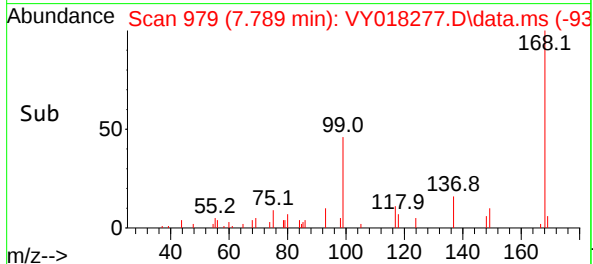
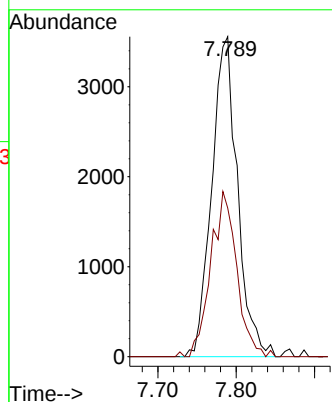
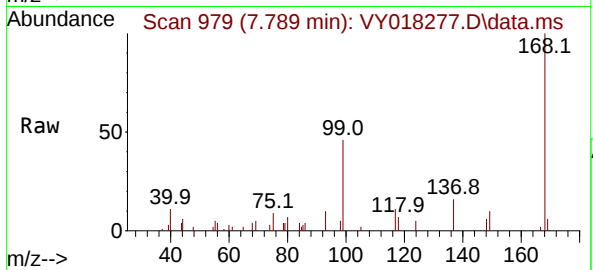




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018277.D
Acq: 15 May 2024 17:02

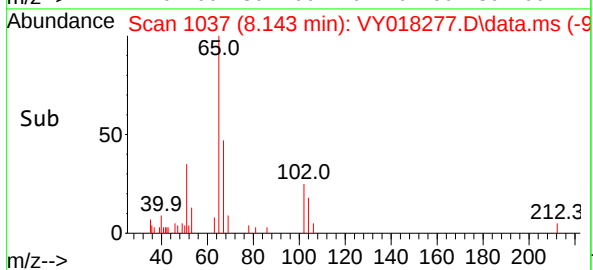
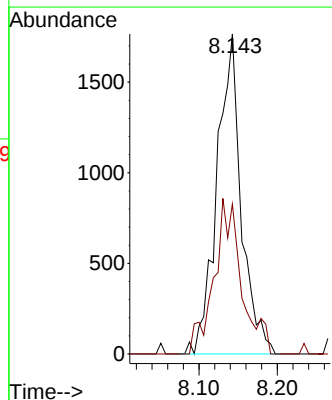
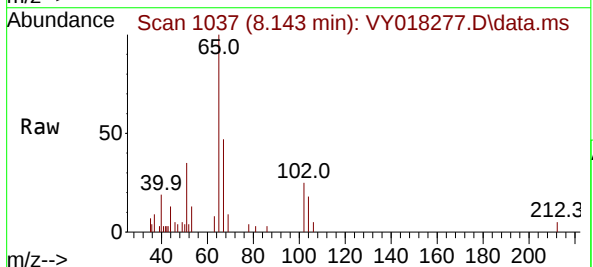
Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

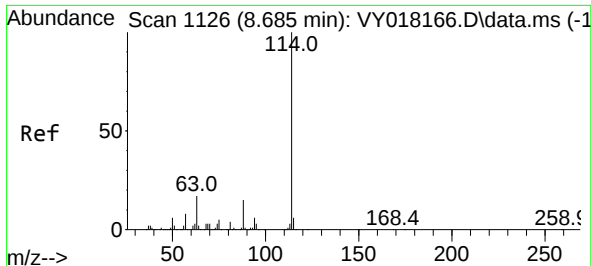
Tgt Ion:168 Resp: 8120
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.847 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY018277.D
Acq: 15 May 2024 17:02

Tgt Ion: 65 Resp: 3814
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018277.D

Acq: 15 May 2024 17:02

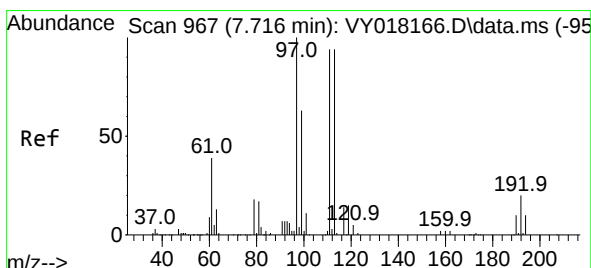
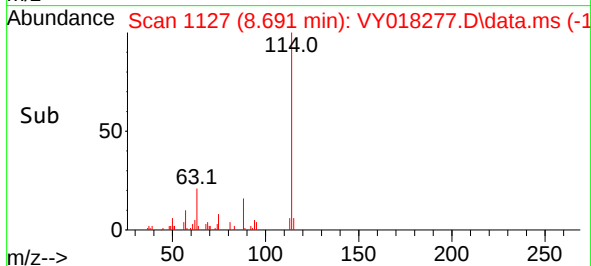
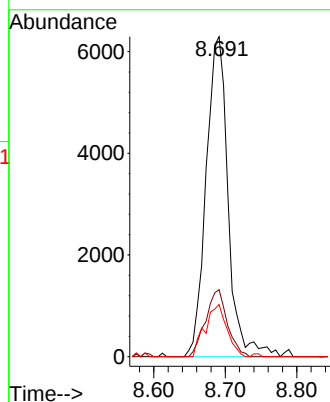
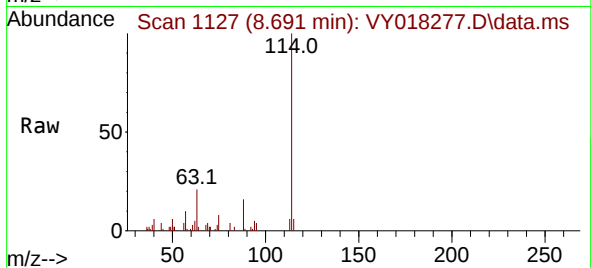
Instrument :

MSVOA_Y

ClientSampleId :

P-01-229

Tgt Ion:114	Resp:	13456
Ion Ratio	Lower	Upper
114	100	
63	21.0	0.0 35.0
88	16.3	0.0 27.2



#35

Dibromofluoromethane

Concen: 49.309 ug/l

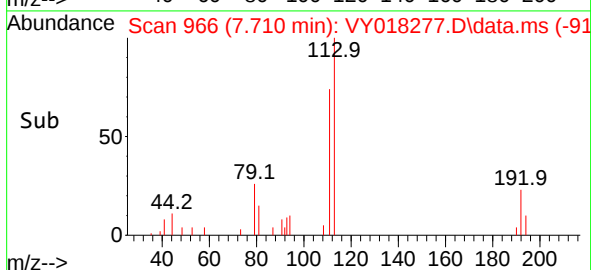
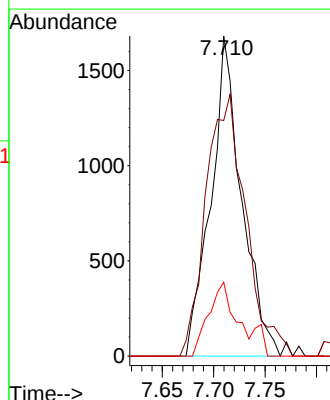
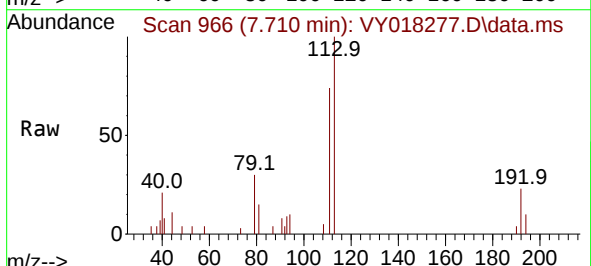
RT: 7.710 min Scan# 966

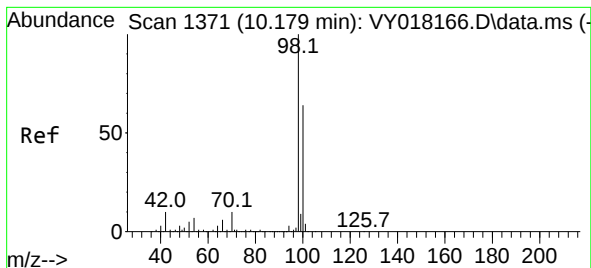
Delta R.T. -0.006 min

Lab File: VY018277.D

Acq: 15 May 2024 17:02

Tgt Ion:113	Resp:	3487
Ion Ratio	Lower	Upper
113	100	
111	105.8	82.2 123.4
192	23.4	15.9 23.9





#50

Toluene-d8

Concen: 50.529 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018277.D

Acq: 15 May 2024 17:02

Instrument :

MSVOA_Y

ClientSampleId :

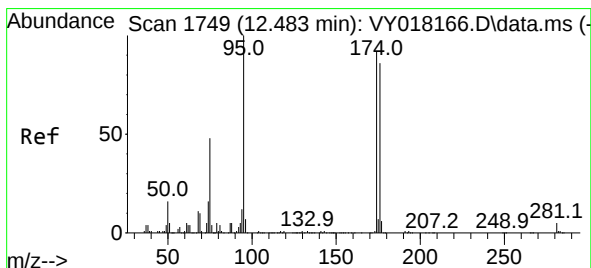
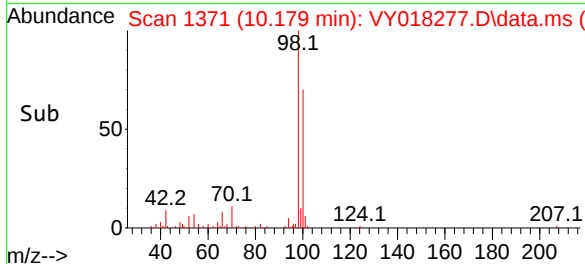
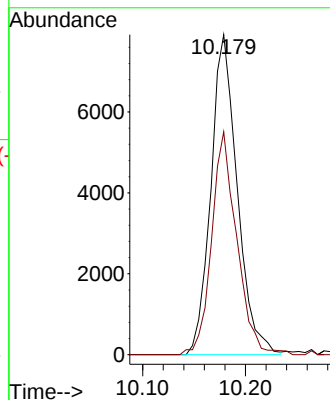
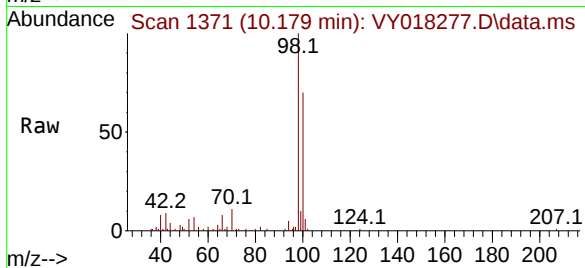
P-01-229

Tgt Ion: 98 Resp: 14081

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.880 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018277.D

Acq: 15 May 2024 17:02

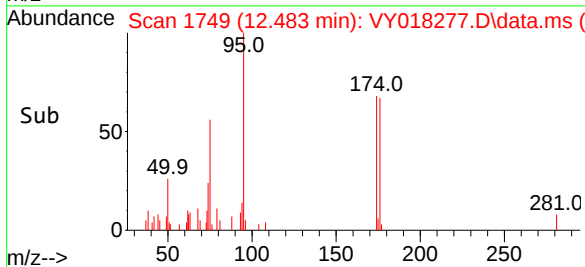
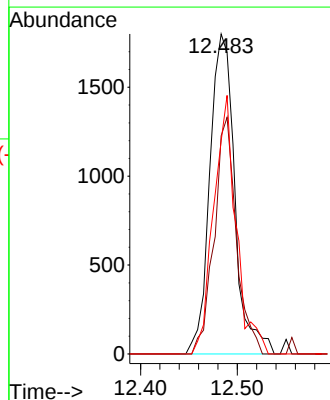
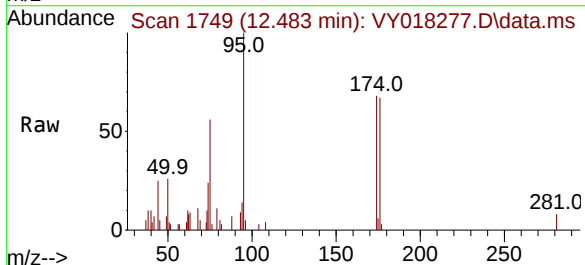
Tgt Ion: 95 Resp: 3229

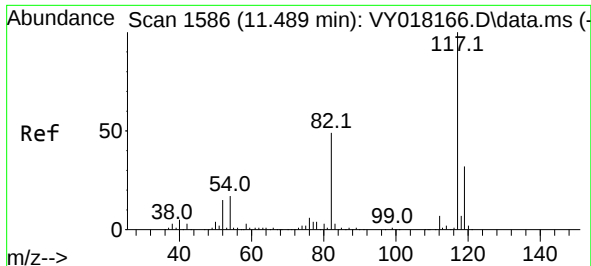
Ion Ratio Lower Upper

95 100

174 65.6 0.0 175.6

176 72.9 0.0 171.4

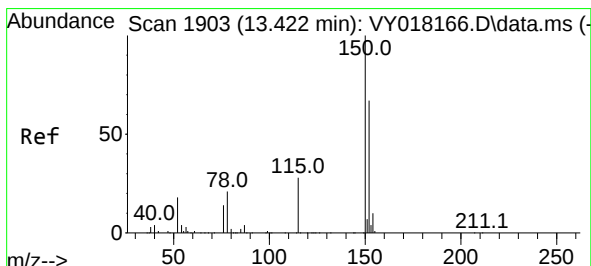
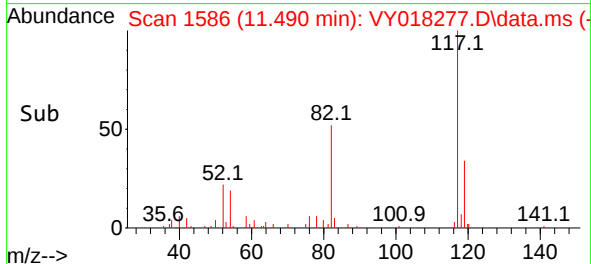
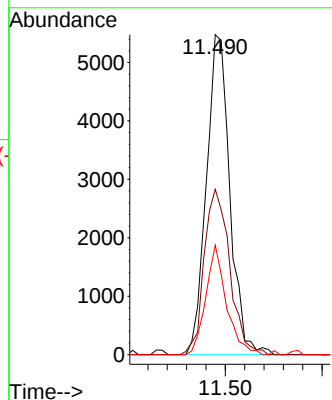
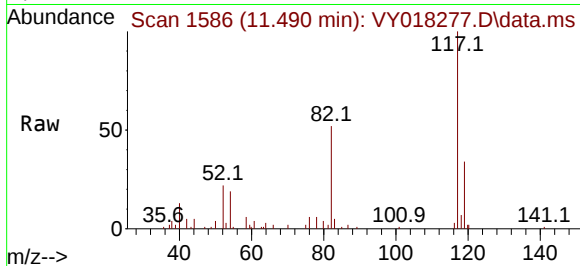




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018277.D
Acq: 15 May 2024 17:02

Instrument :
MSVOA_Y
ClientSampleId :
P-01-229

Tgt Ion:	117	Resp:	9243
Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.4	63.6
119	34.2	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: VY018277.D
Acq: 15 May 2024 17:02

Tgt Ion:	152	Resp:	1817
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	164.5	0.0	345.6

