

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018399.D
 Acq On : 29 May 2024 15:04
 Operator : SY/MD
 Sample : P2612-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT1486

Quant Time: May 30 04:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	499	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1637	53.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.760%
35) Dibromofluoromethane	7.716	113	1523	48.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.179	98	5628	46.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.483	95	743	19.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	39.560%

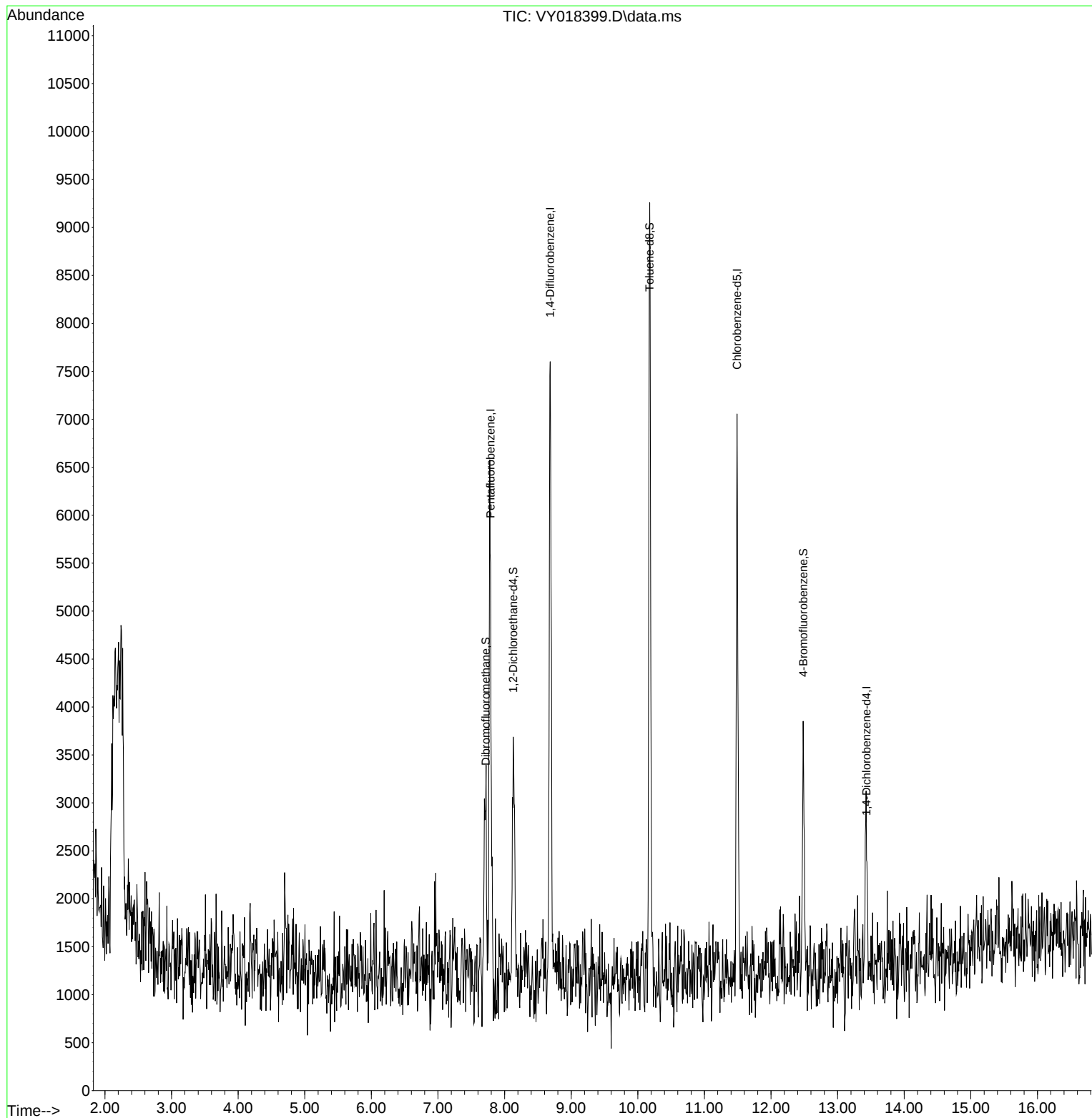
Target Compounds	Qvalue

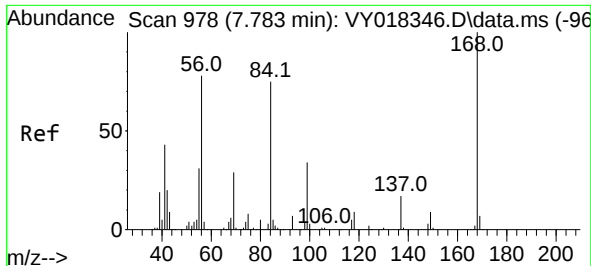
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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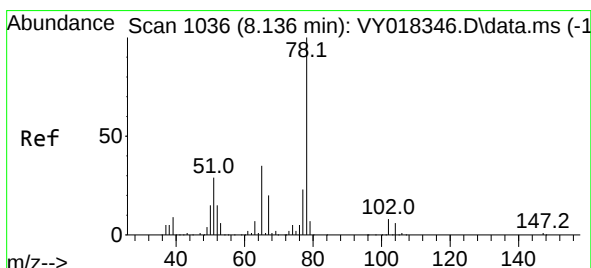
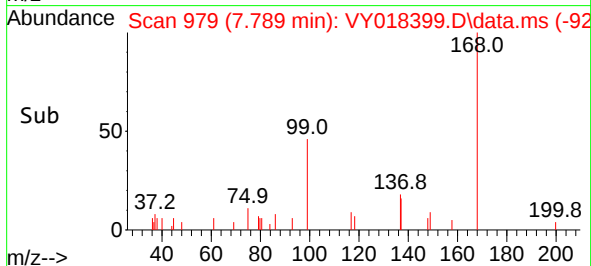
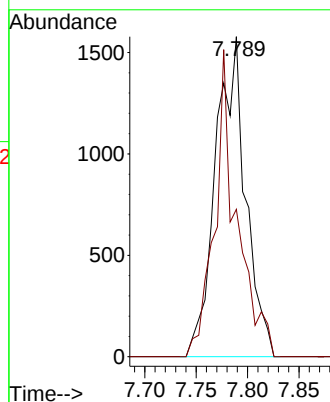
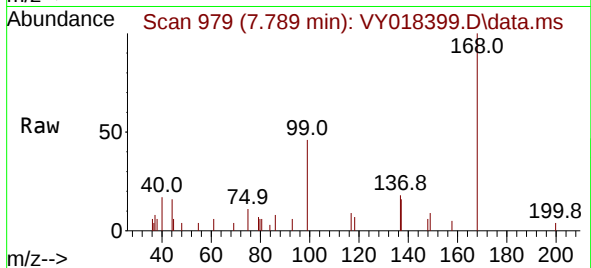




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

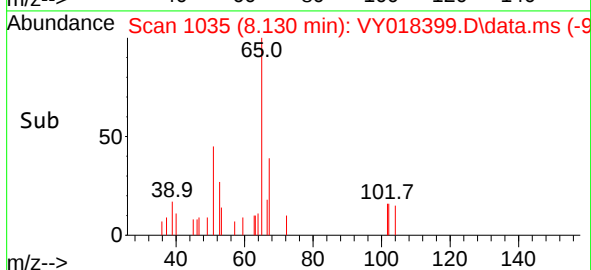
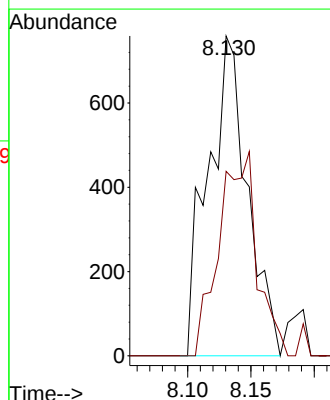
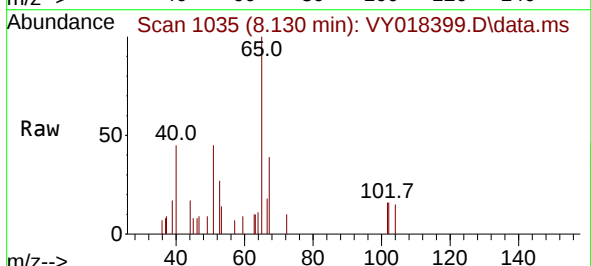
Instrument :
MSVOA_Y
ClientSampleId :
RT1486

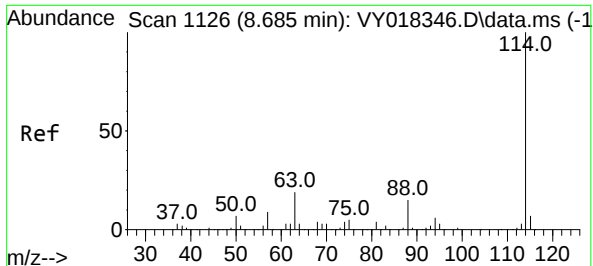
Tgt Ion:168 Resp: 3207
Ion Ratio Lower Upper
168 100
99 46.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.878 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

Tgt Ion: 65 Resp: 1637
Ion Ratio Lower Upper
65 100
67 61.3 0.0 109.6

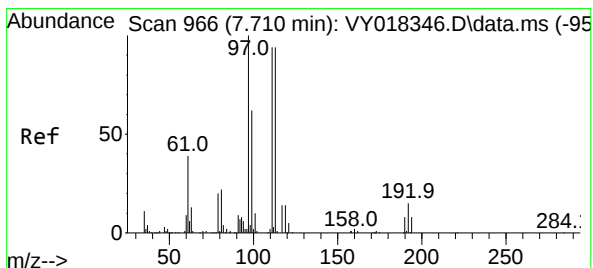
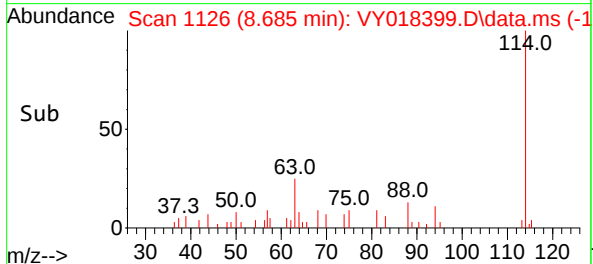
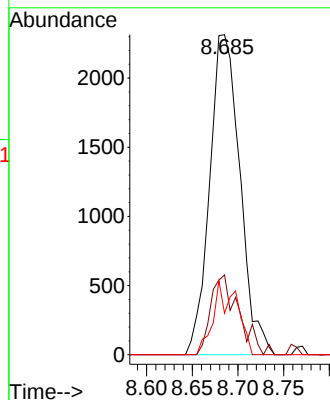
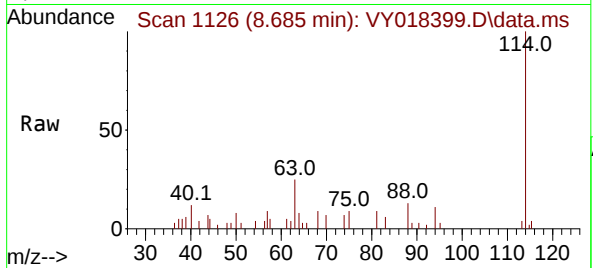




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

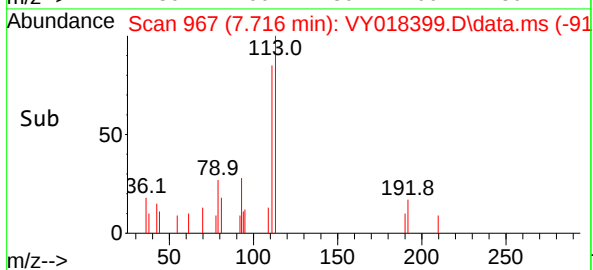
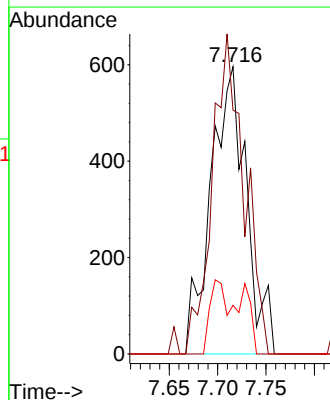
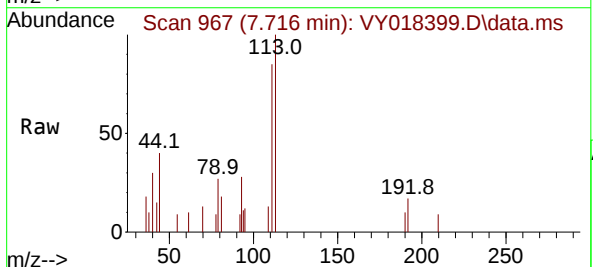
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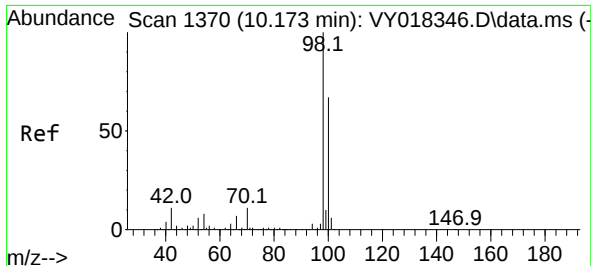
Tgt Ion:114	Resp:	5347
Ion	Ratio	Lower Upper
114	100	
63	25.0	0.0 35.0
88	13.0	0.0 27.2



#35
Dibromofluoromethane
Concen: 48.844 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

Tgt Ion:113	Resp:	1523
Ion	Ratio	Lower Upper
113	100	
111	99.8	82.2 123.4
192	6.0	15.9 23.9#

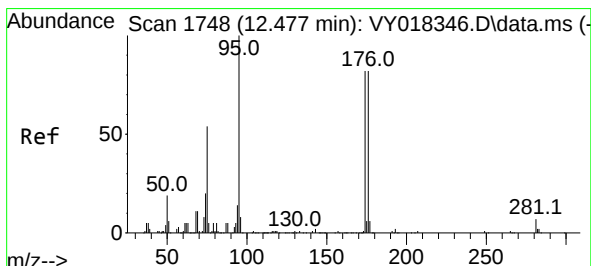
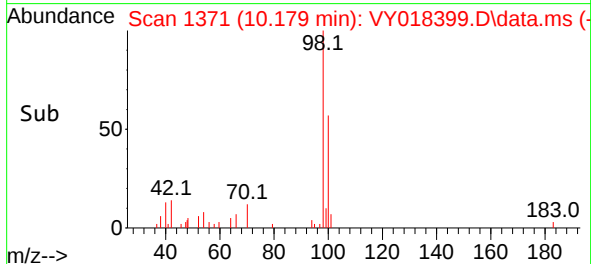
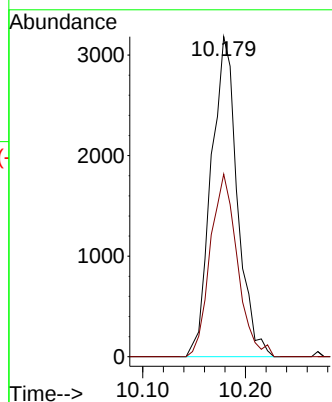
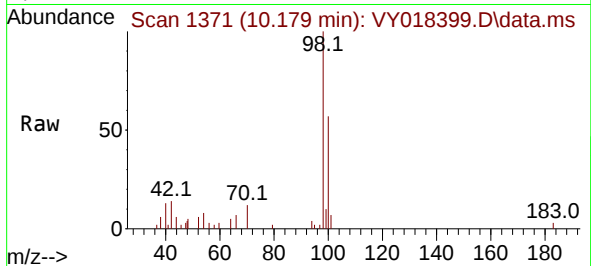




#50
Toluene-d8
Concen: 46.295 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

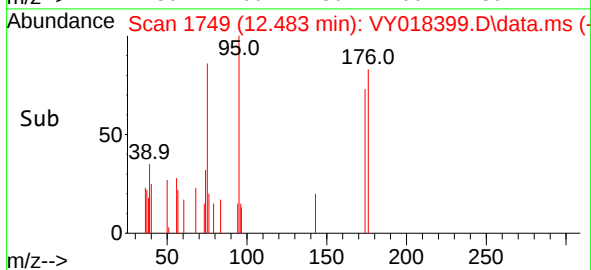
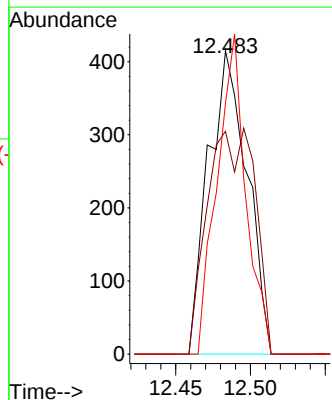
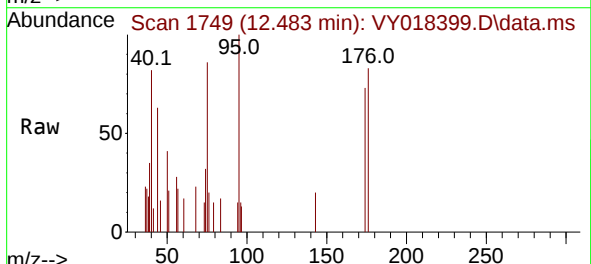
Instrument :
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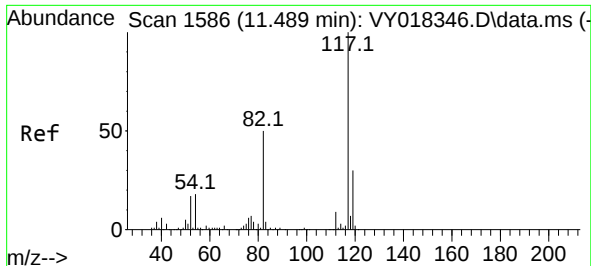
Tgt Ion: 98 Resp: 5628
Ion Ratio Lower Upper
98 100
100 59.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 19.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

Tgt Ion: 95 Resp: 743
Ion Ratio Lower Upper
95 100
174 91.9 0.0 175.6
176 78.6 0.0 171.4

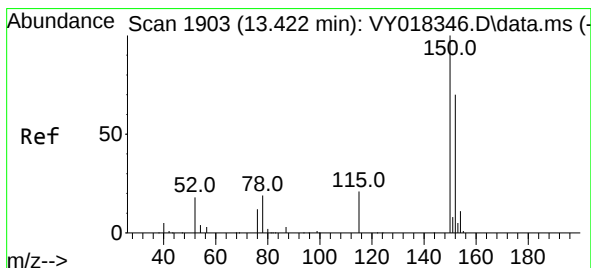
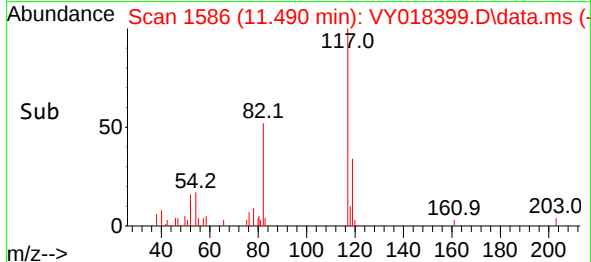
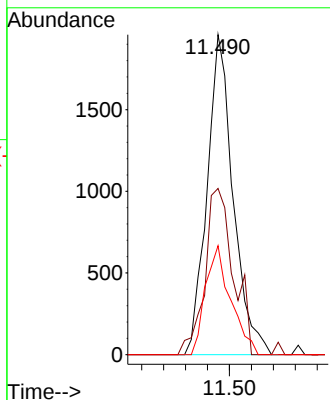
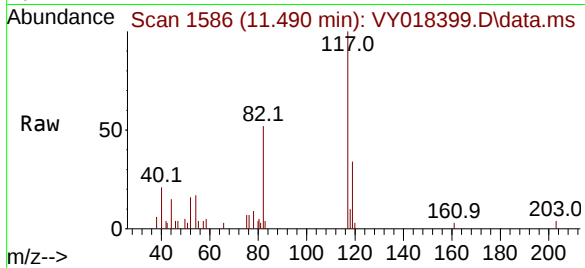




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :
RT1486

Tgt Ion:117 Resp: 3238
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 34.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY018399.D
Acq: 29 May 2024 15:04

Tgt Ion:152 Resp: 499
Ion Ratio Lower Upper
152 100
115 31.7 28.2 84.7
150 156.1 0.0 345.6

