

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009926.D
 Acq On : 09 Aug 2022 17:46
 Operator : KP/MD
 Sample : N4088-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-080522

Quant Time: Aug 09 23:08:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	8633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	16651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3837	57.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.710	113	3375	40.569	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.140%
50) Toluene-d8	10.173	98	11400	44.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.477	95	3476	29.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.840%

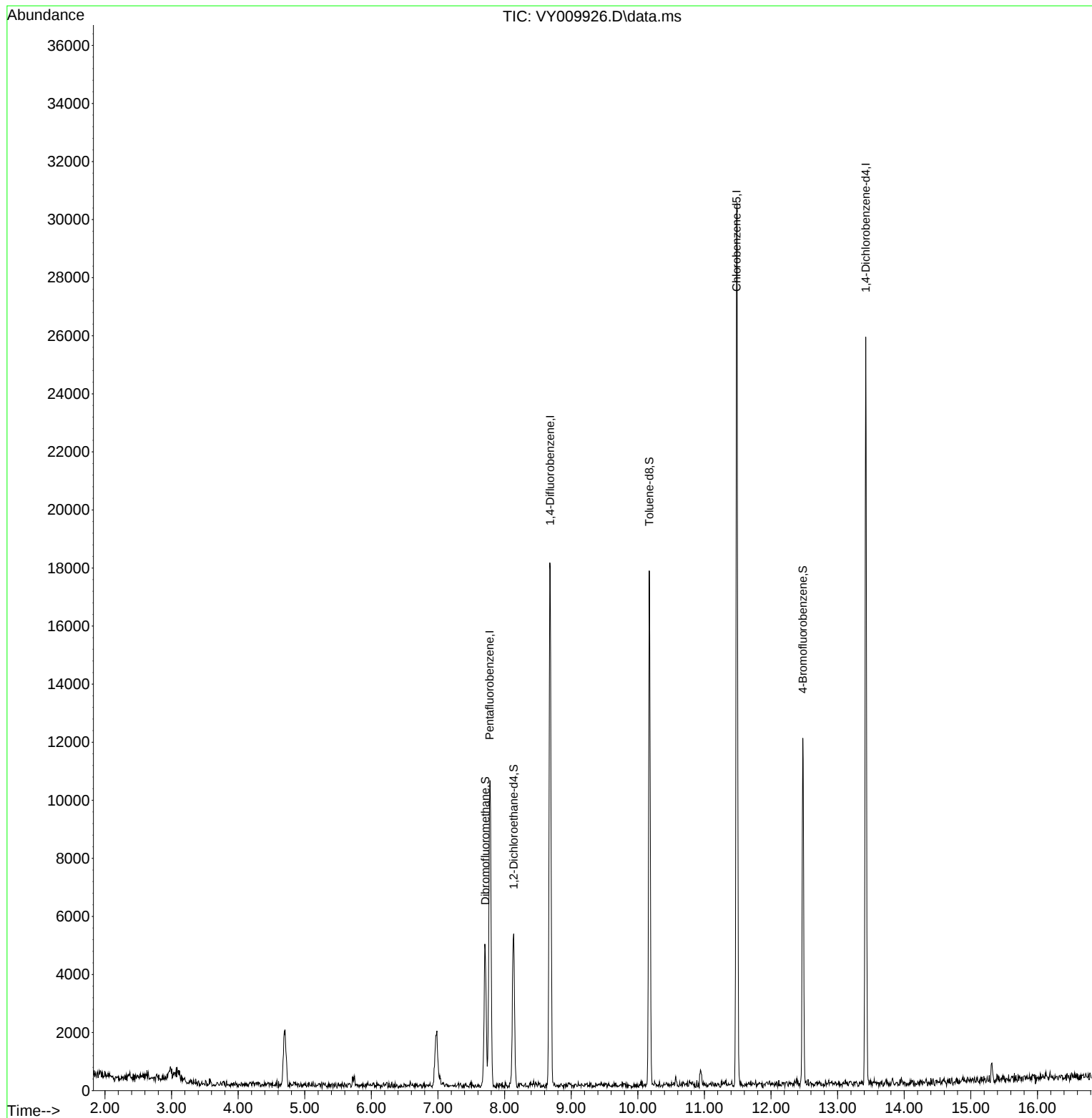
Target Compounds	Qvalue

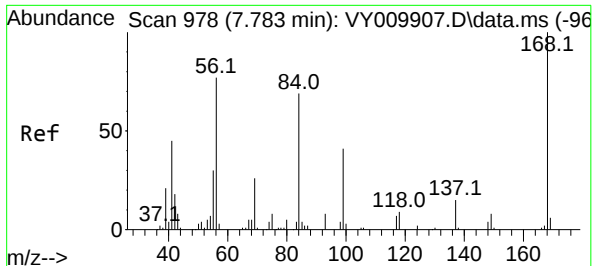
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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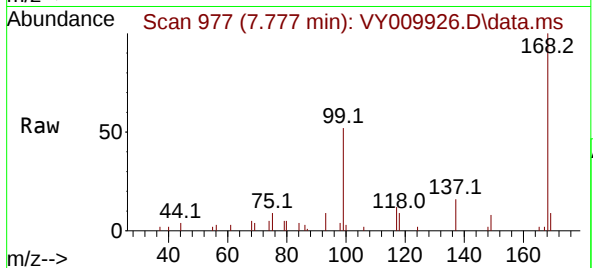
Quant Time: Aug 09 23:08:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
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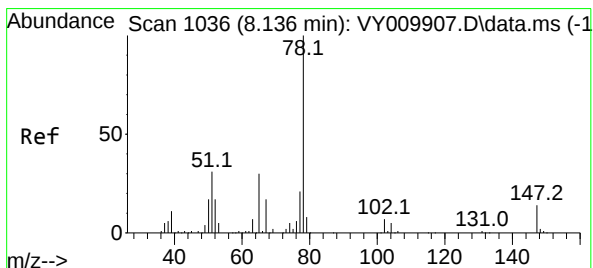
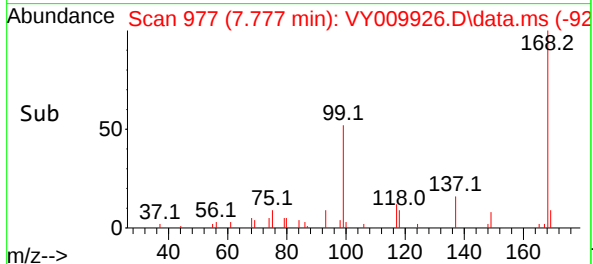
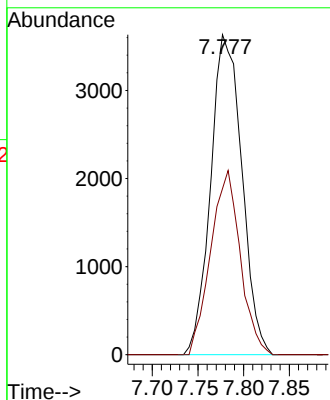


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

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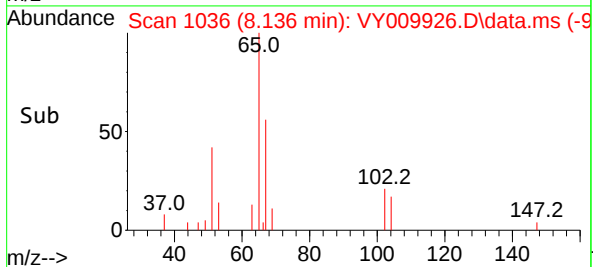
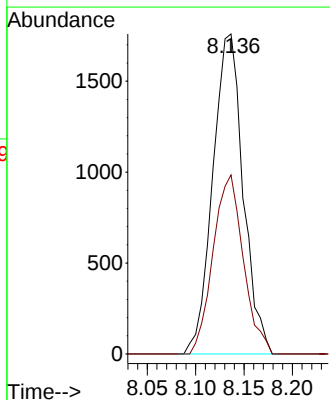
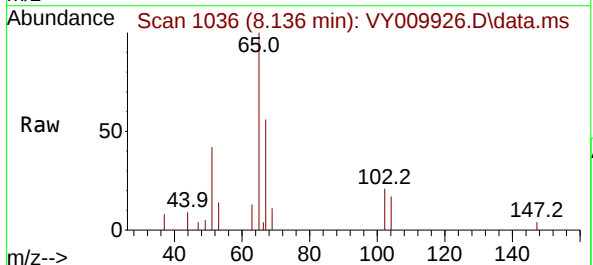


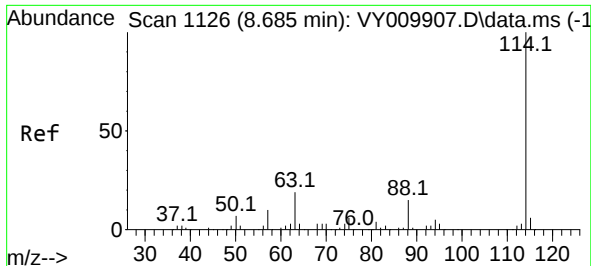
Tgt Ion:168 Resp: 8633
Ion Ratio Lower Upper
168 100
99 51.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 57.654 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

Tgt Ion: 65 Resp: 3837
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009926.D

Acq: 09 Aug 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-080522

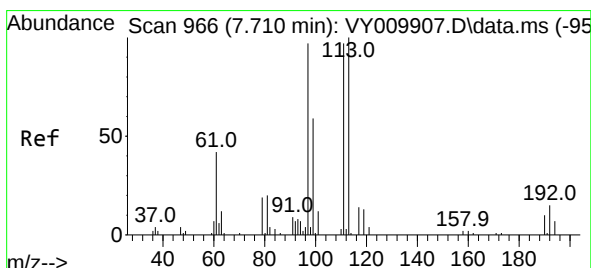
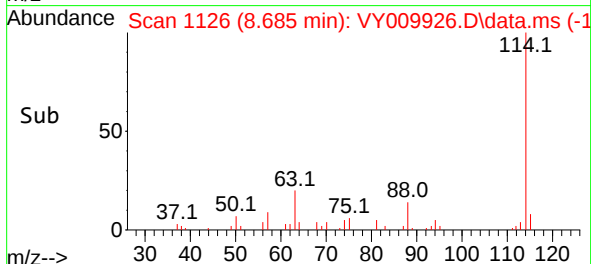
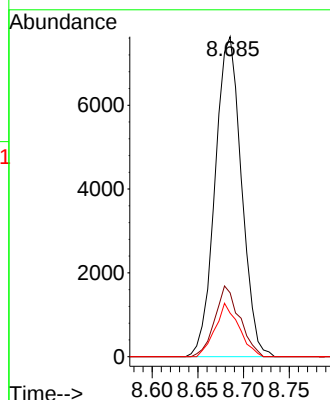
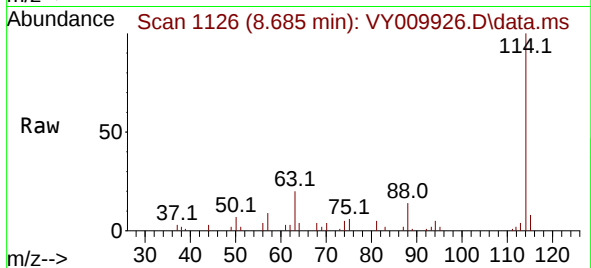
Tgt Ion:114 Resp: 15325

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

88 13.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 40.569 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009926.D

Acq: 09 Aug 2022 17:46

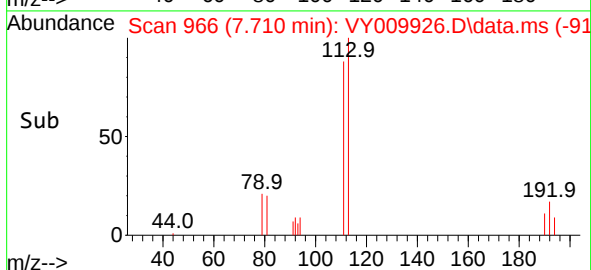
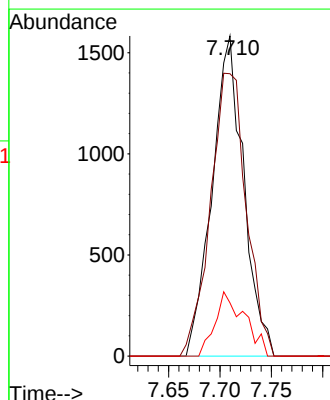
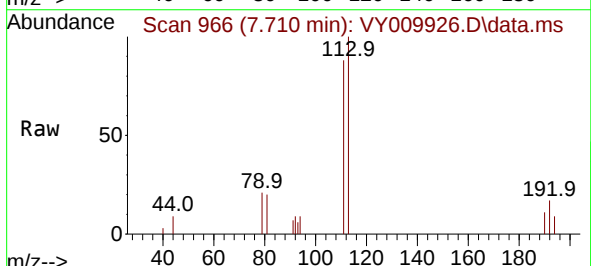
Tgt Ion:113 Resp: 3375

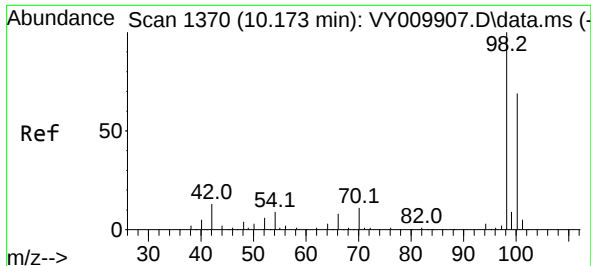
Ion Ratio Lower Upper

113 100

111 100.2 80.6 120.8

192 18.8 16.2 24.4

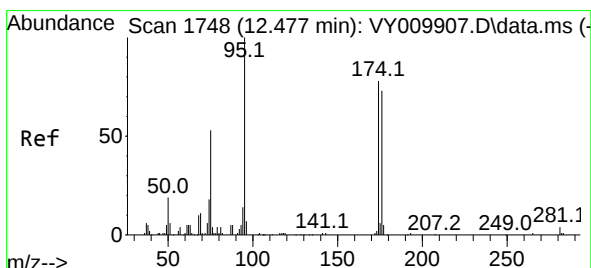
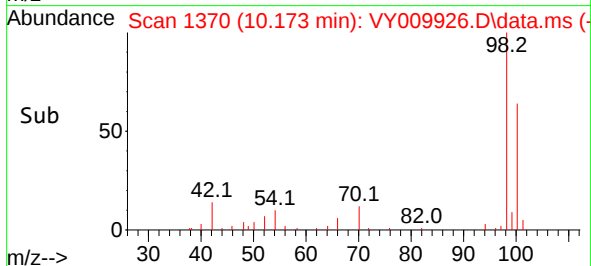
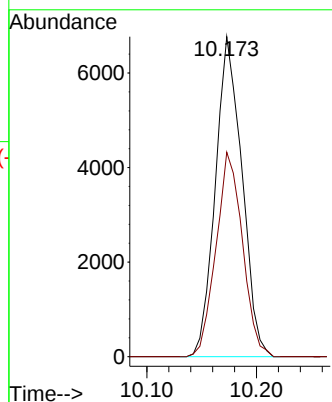
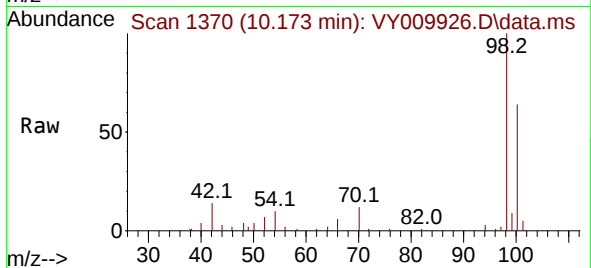




#50
Toluene-d8
Concen: 44.498 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

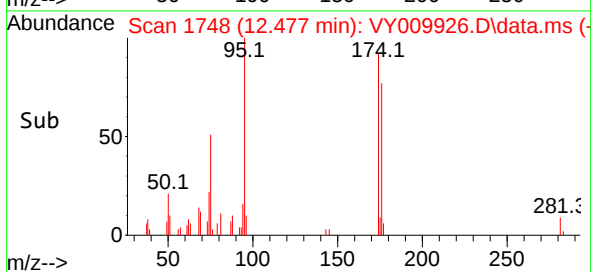
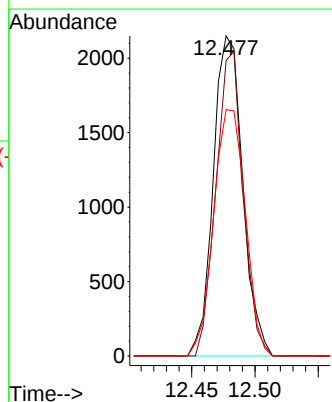
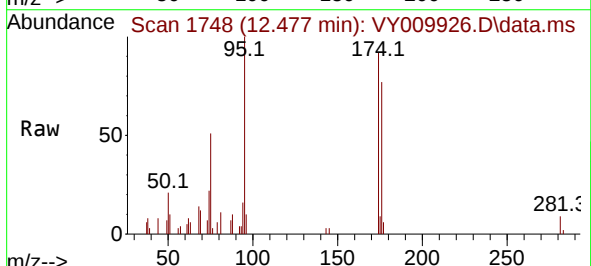
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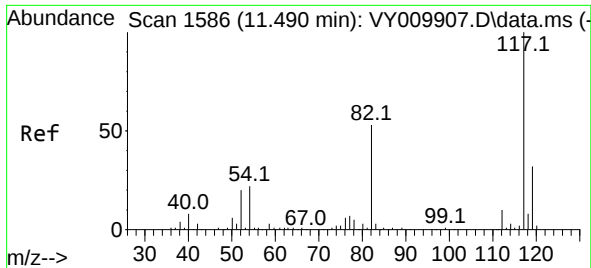
Tgt Ion: 98 Resp: 11400
Ion Ratio Lower Upper
98 100
100 63.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.925 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

Tgt Ion: 95 Resp: 3476
Ion Ratio Lower Upper
95 100
174 87.5 0.0 173.8
176 82.7 0.0 167.0

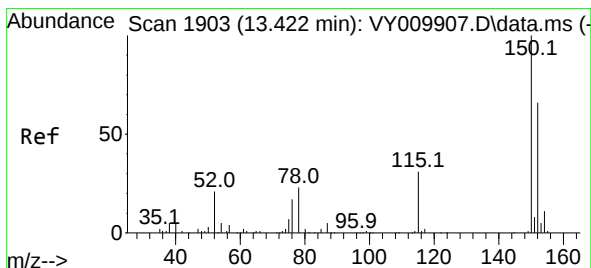
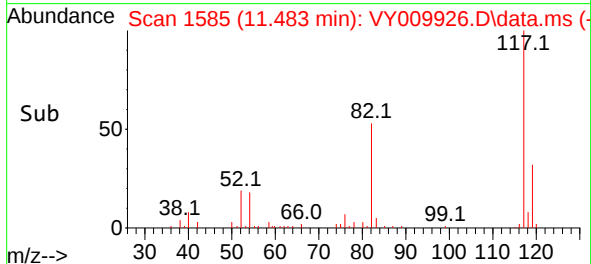
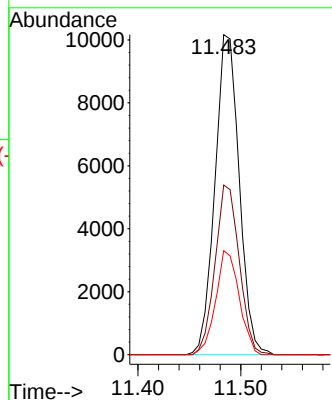
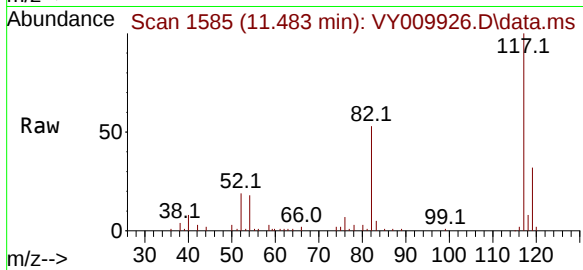




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-080522

Tgt Ion:117	Resp:	16651
Ion	Ratio	Lower Upper
117	100	
82	53.0	41.8 62.6
119	32.5	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009926.D
Acq: 09 Aug 2022 17:46

Tgt Ion:152	Resp:	6327
Ion	Ratio	Lower Upper
152	100	
115	56.7	28.6 85.9
150	157.8	0.0 349.8

