

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009130.D
 Acq On : 02 Jun 2022 16:23
 Operator : KP/MD
 Sample : N3143-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220392-SB-8-(DISCRETE-COMP-G)

Quant Time: Jun 03 03:12:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1023	86.209	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.420%#	
35) Dibromofluoromethane	7.710	113	693	53.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.179	98	2246	47.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.780%	
62) 4-Bromofluorobenzene	12.477	95	455	23.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 47.600%	

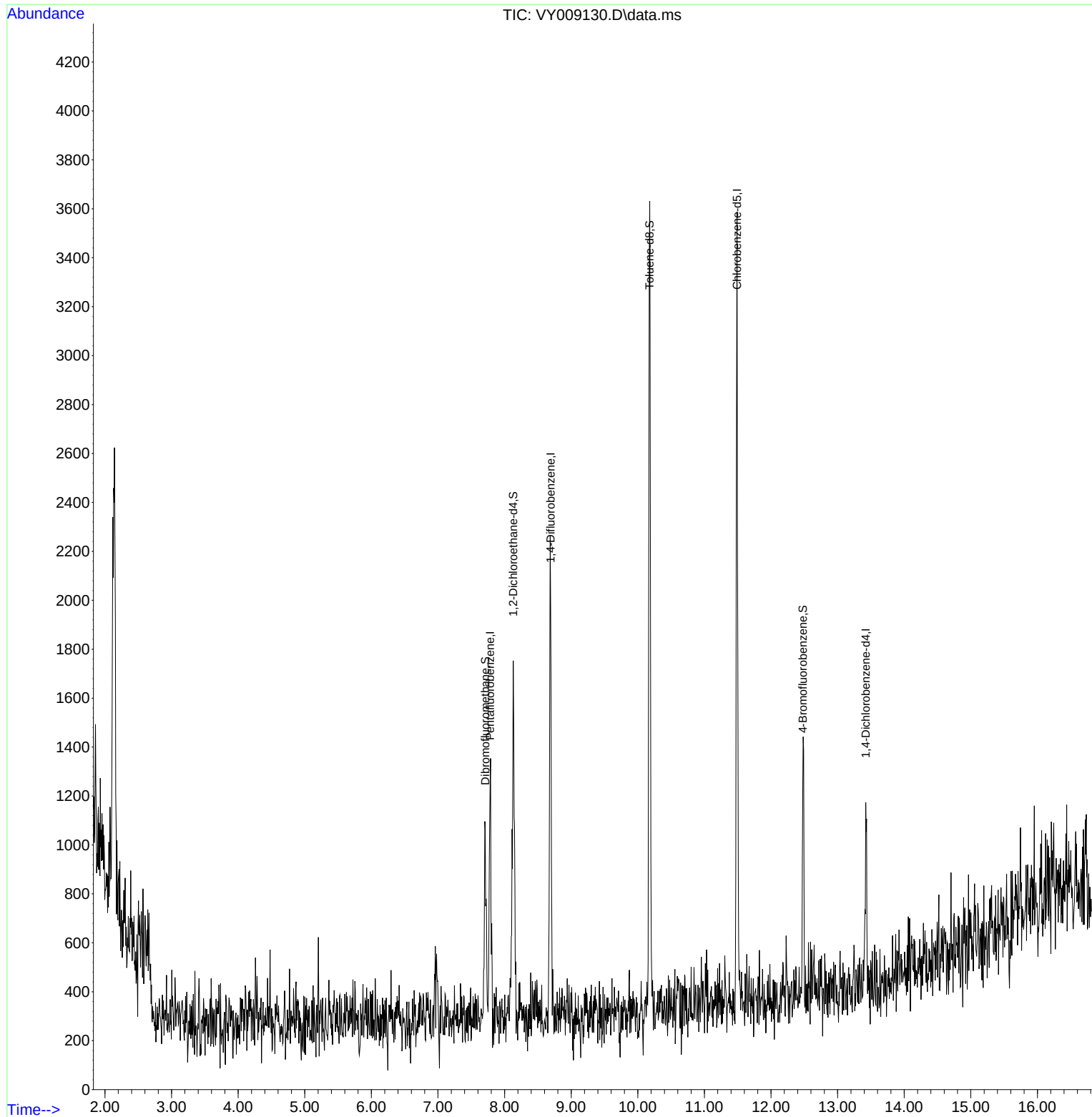
Target Compounds	Qvalue

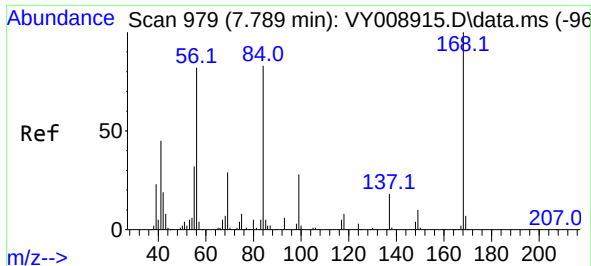
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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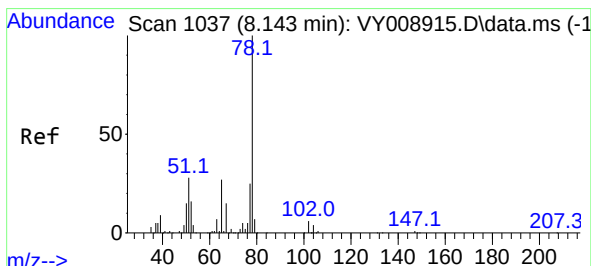
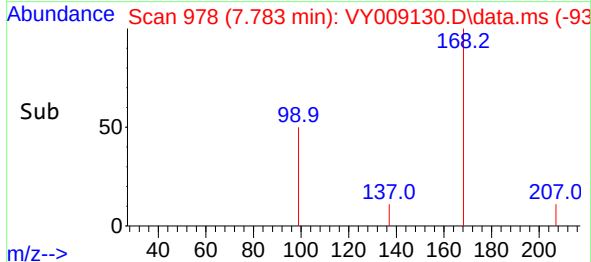
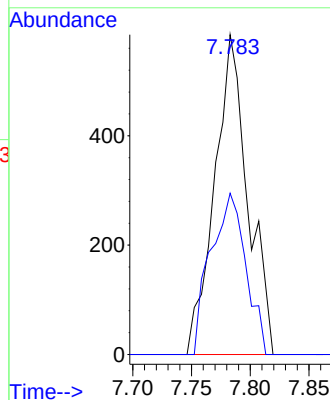
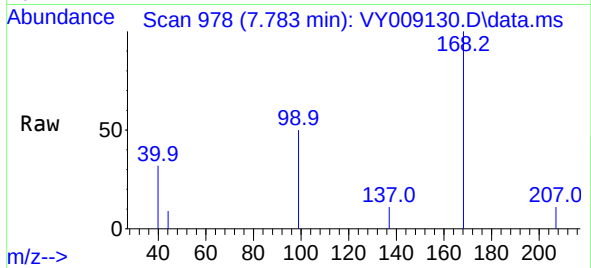




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

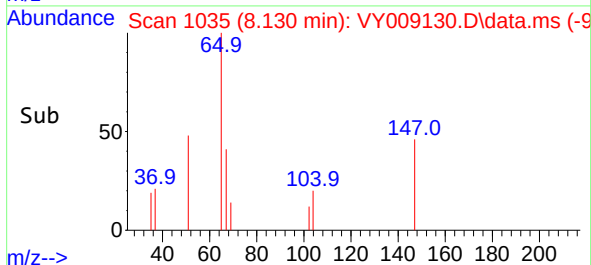
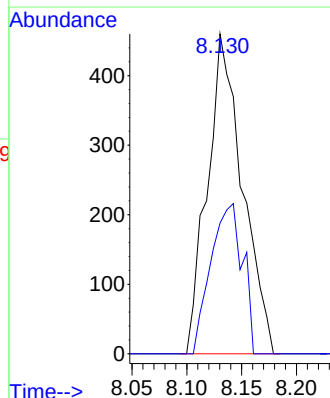
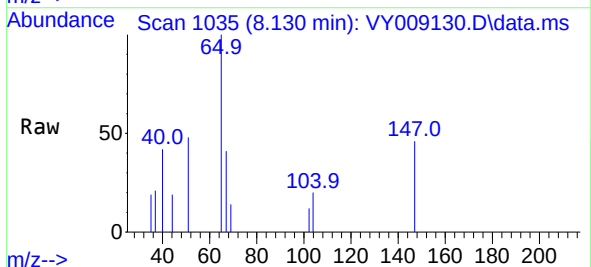
Instrument :
MSVOA_Y
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

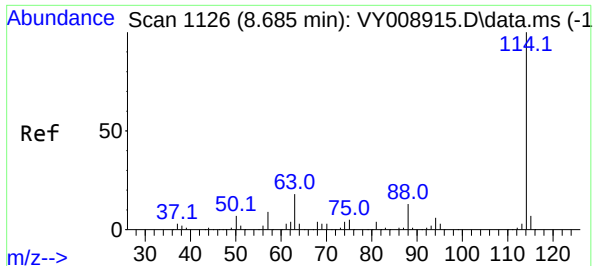
Tgt Ion:168 Resp: 1153
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 86.209 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion: 65 Resp: 1023
Ion Ratio Lower Upper
65 100
67 42.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

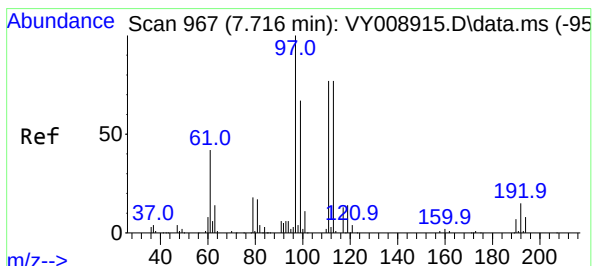
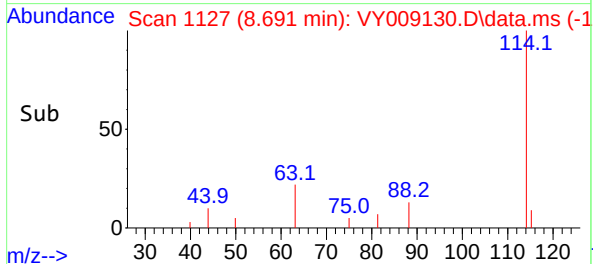
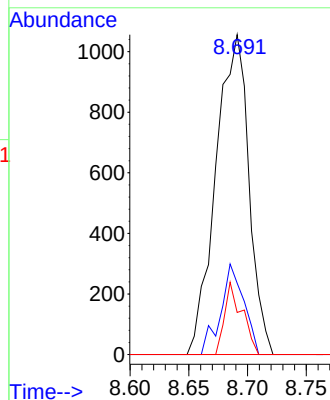
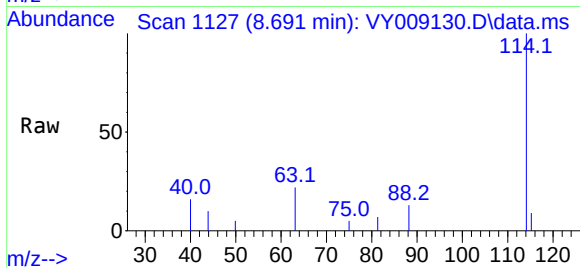
Instrument :

MSVOA_Y

ClientSampleId :

20220392-SB-8-(DISCRETE-COMP-G)

Tgt Ion:114	Resp:	2066
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 43.2
88	13.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 53.942 ug/l

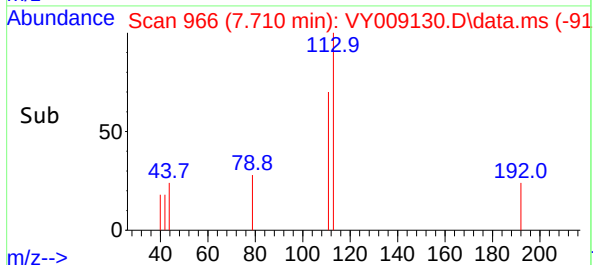
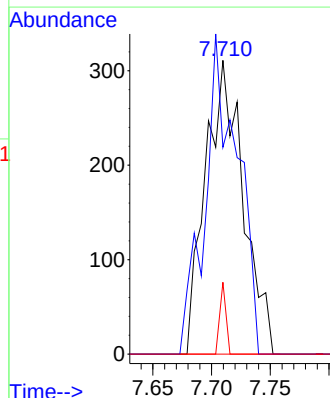
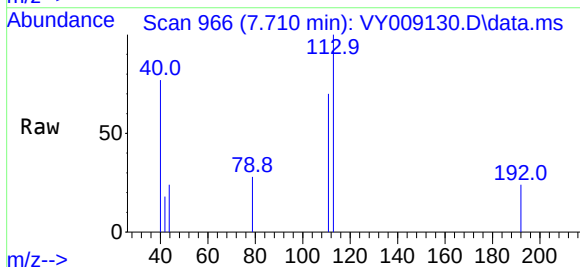
RT: 7.710 min Scan# 966

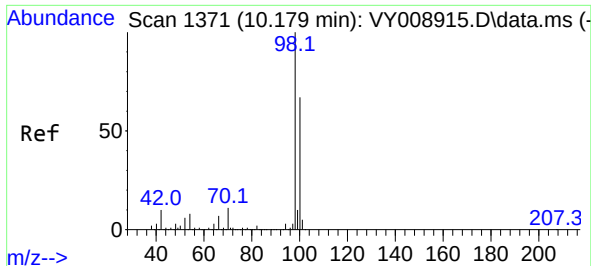
Delta R.T. -0.006 min

Lab File: VY009130.D

Acq: 02 Jun 2022 16:23

Tgt Ion:113	Resp:	693
Ion	Ratio	Lower Upper
113	100	
111	94.4	82.6 124.0
192	4.0	17.6 26.4

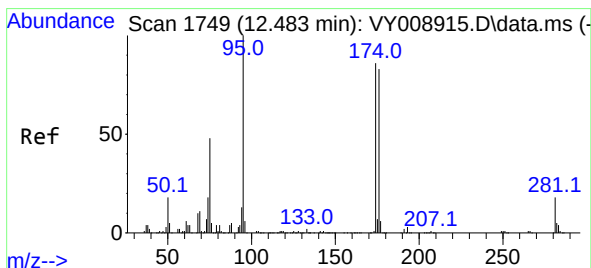
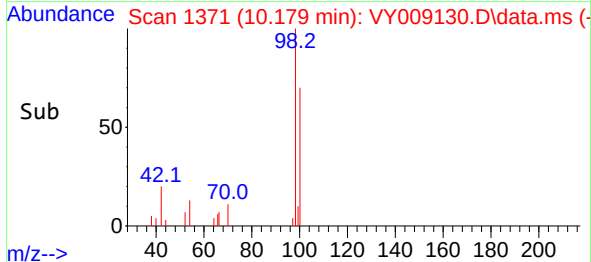
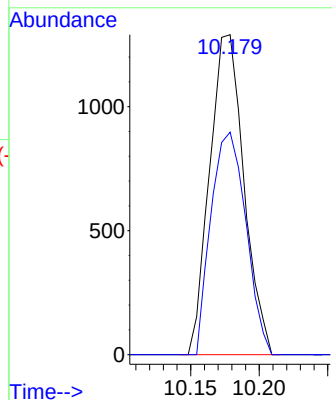
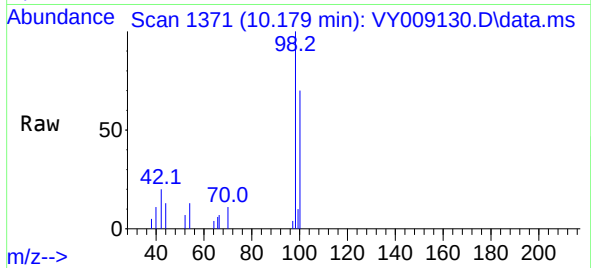




#50
Toluene-d8
Concen: 47.389 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

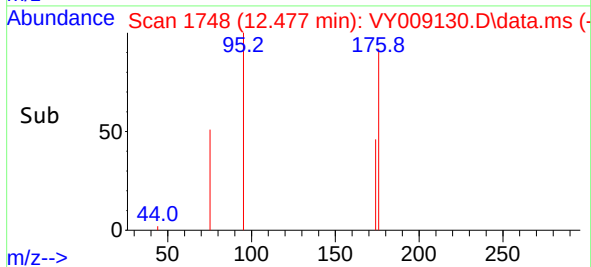
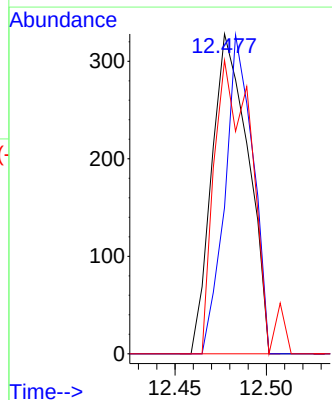
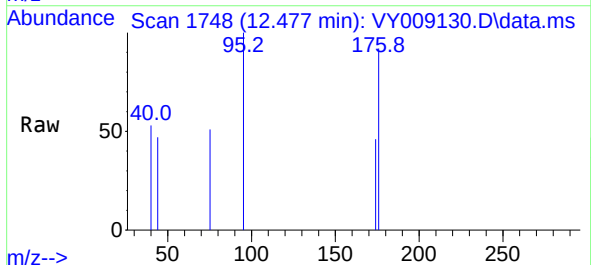
Instrument :
MSVOA_Y
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

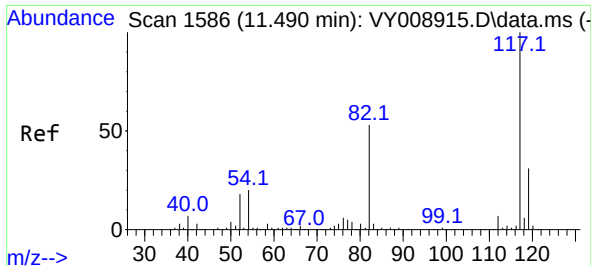
Tgt Ion: 98 Resp: 2246
Ion Ratio Lower Upper
98 100
100 70.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion: 95 Resp: 455
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 95.8 0.0 175.8

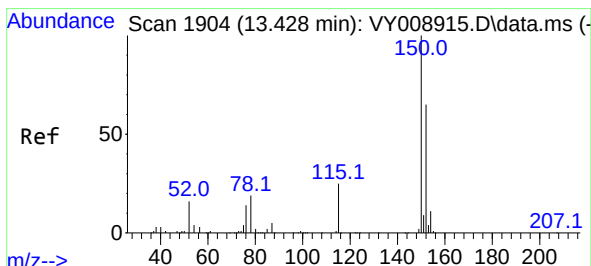
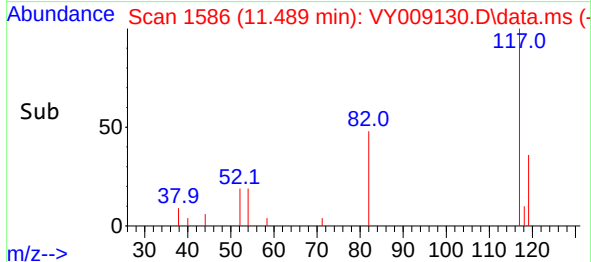
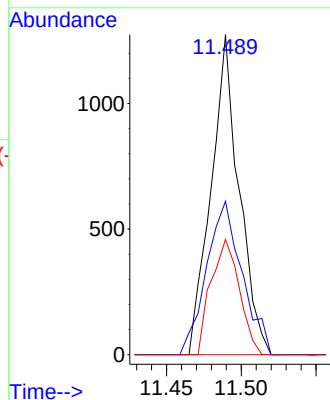
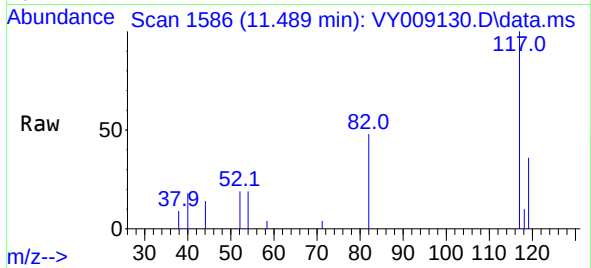




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	1662
Ion	Ratio	Lower	Upper
117	100		
82	48.0	43.0	64.4
119	36.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009130.D
Acq: 02 Jun 2022 16:23

Tgt Ion:	152	Resp:	281
Ion	Ratio	Lower	Upper
152	100		
115	31.7	28.2	84.7
150	176.5	0.0	347.6

