

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009140.D
 Acq On : 06 Jun 2022 12:20
 Operator : KP/MD
 Sample : N3143-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 07 02:30:17 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)

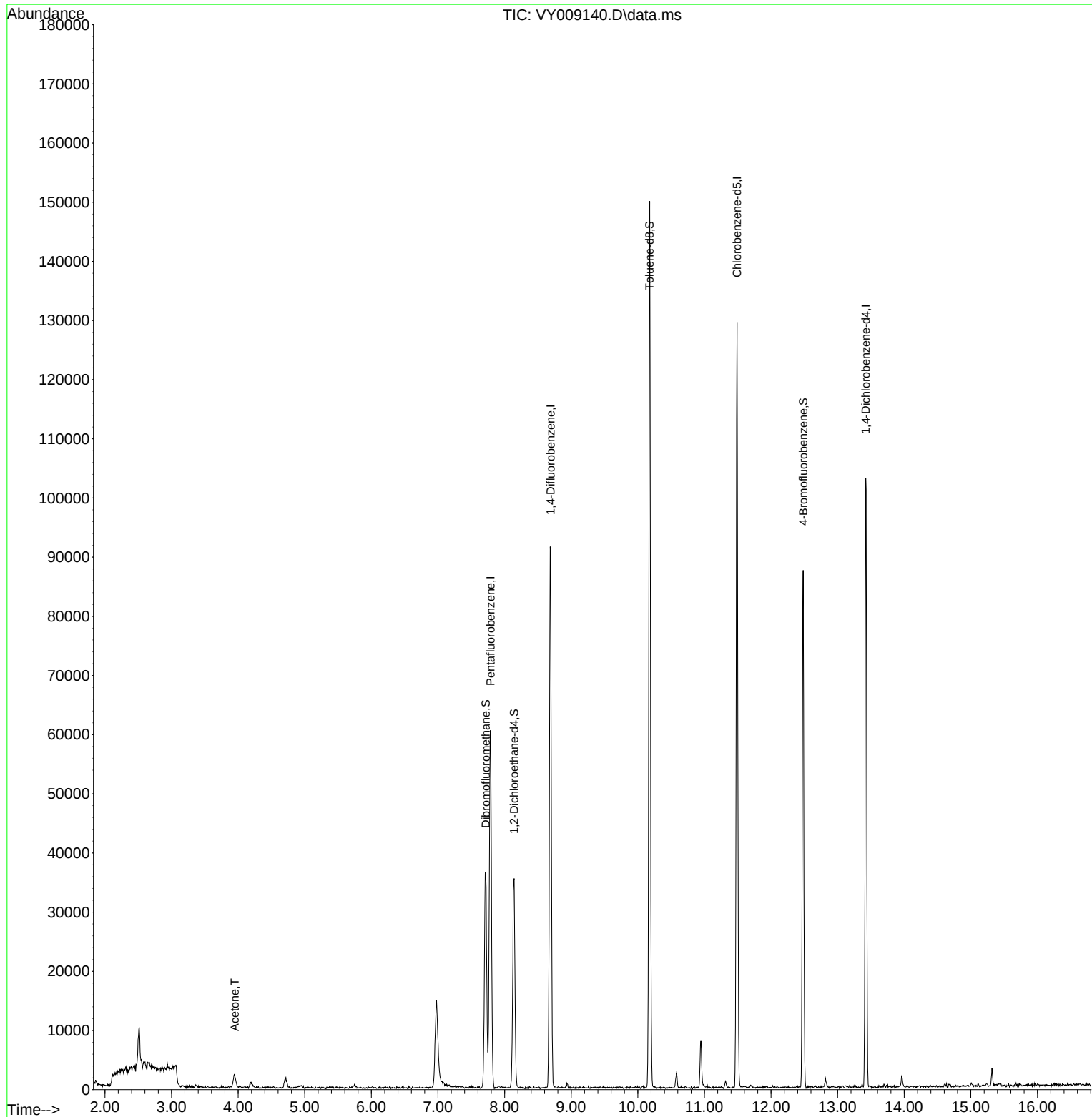
Internal Standards						
1) Pentafluorobenzene	7.789	168	46747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	66232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26774	55.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.716	113	25444	53.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.260%
50) Toluene-d8	10.179	98	92942	52.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.483	95	22493	31.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.120%
Target Compounds						
16) Acetone	3.948	43	3883	38.773	ug/l	Qvalue 93

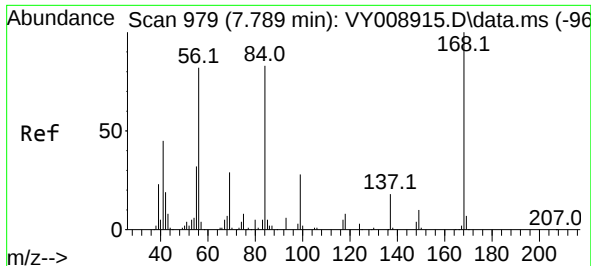
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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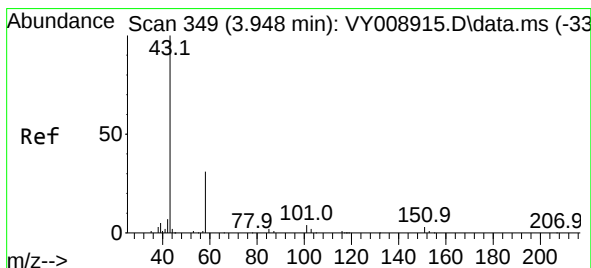
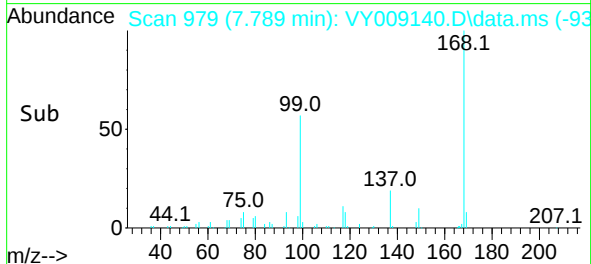
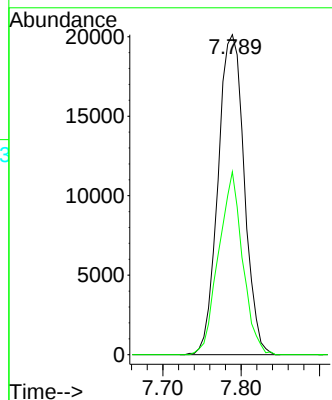
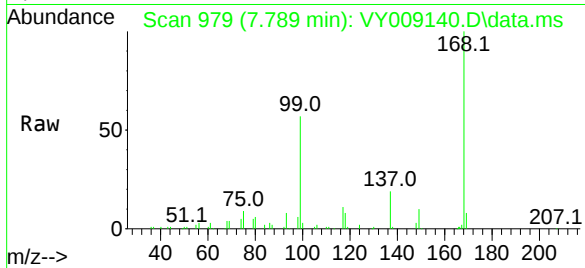




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

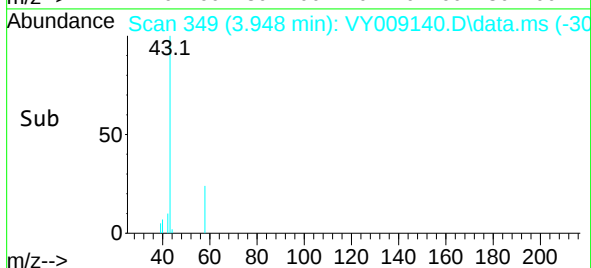
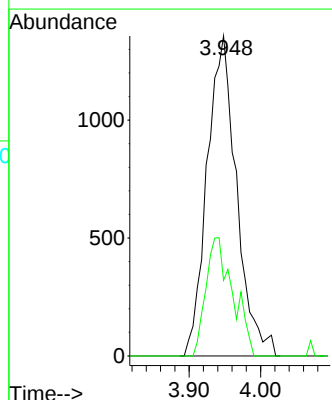
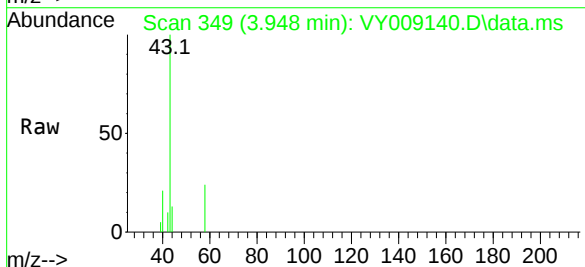
Instrument :
MSVOA_Y
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

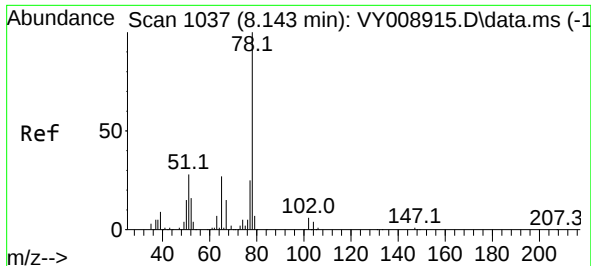
Tgt Ion:168 Resp: 46747
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#16
Acetone
Concen: 38.773 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion: 43 Resp: 3883
Ion Ratio Lower Upper
43 100
58 23.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 55.650 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009140.D

Acq: 06 Jun 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

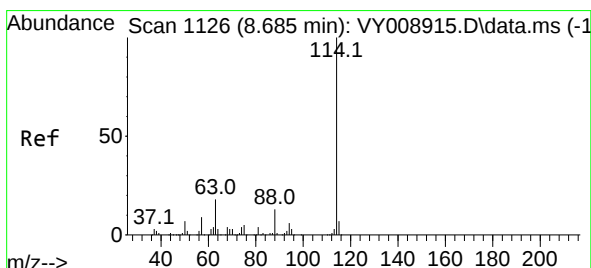
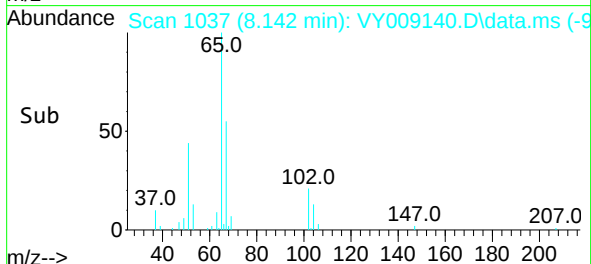
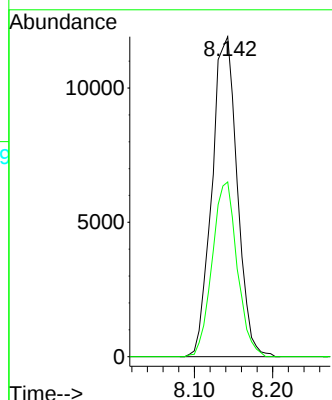
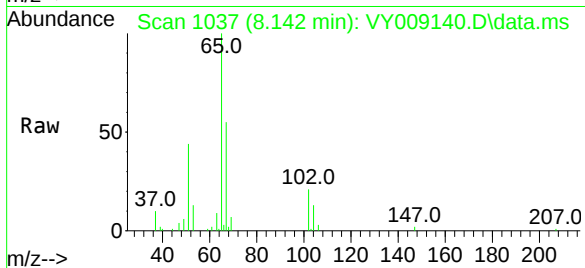
20220392-SB-8-(DISCRETE-COMP-G)

Tgt Ion: 65 Resp: 26774

Ion Ratio Lower Upper

65 100

67 53.8 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: VY009140.D

Acq: 06 Jun 2022 12:20

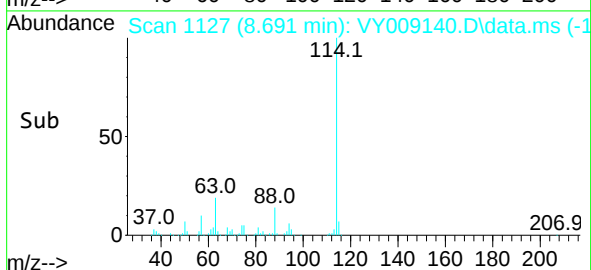
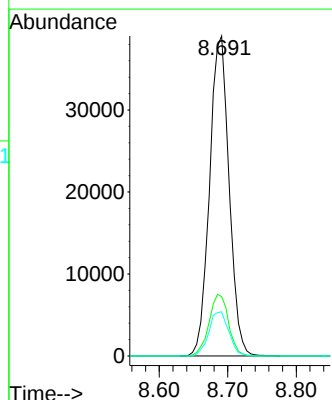
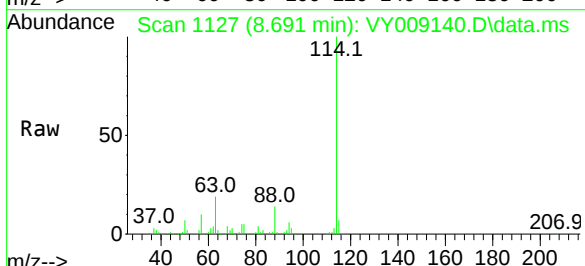
Tgt Ion: 114 Resp: 77017

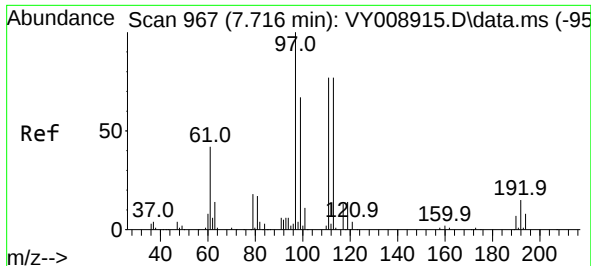
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.8 0.0 31.8

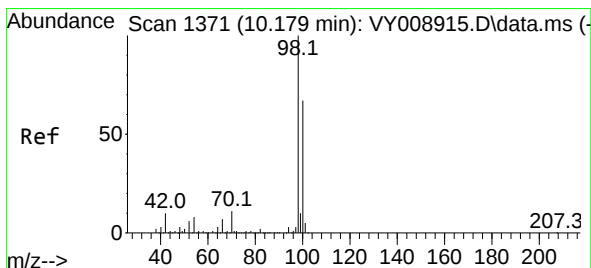
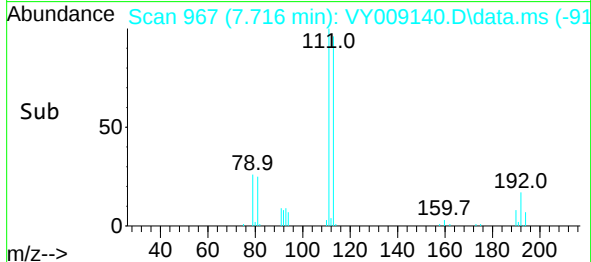
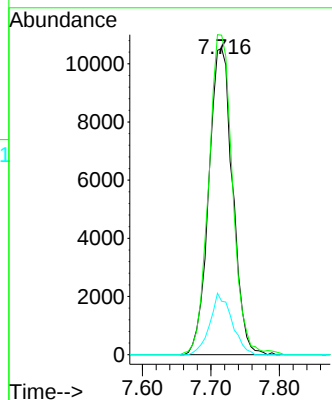
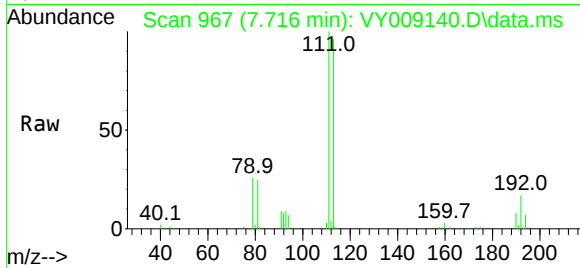




#35
Dibromofluoromethane
Concen: 53.127 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

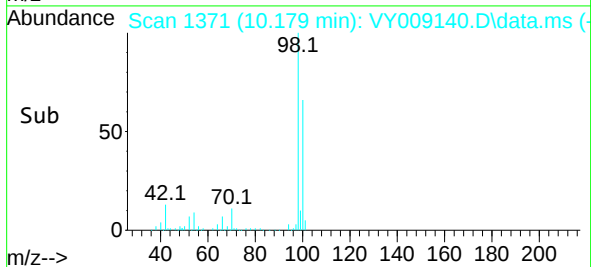
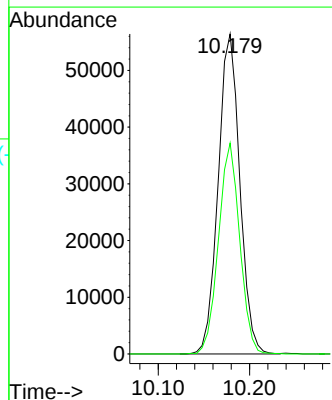
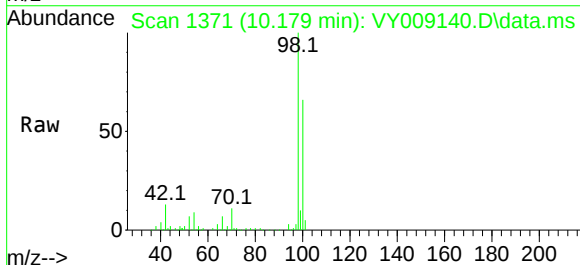
Instrument :
MSVOA_Y
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

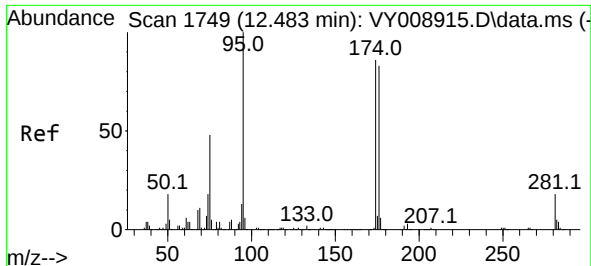
Tgt Ion:113 Resp: 25444
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 18.5 17.6 26.4



#50
Toluene-d8
Concen: 52.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

Tgt Ion: 98 Resp: 92942
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

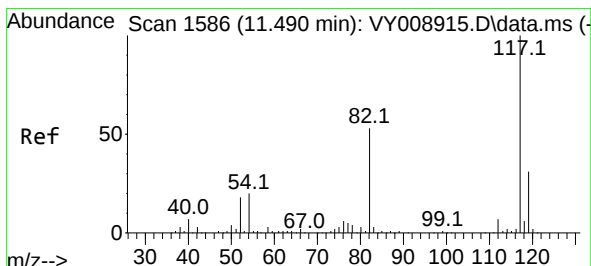
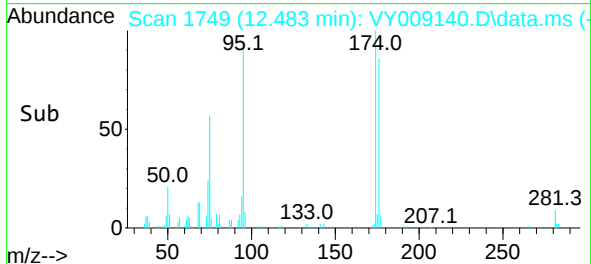
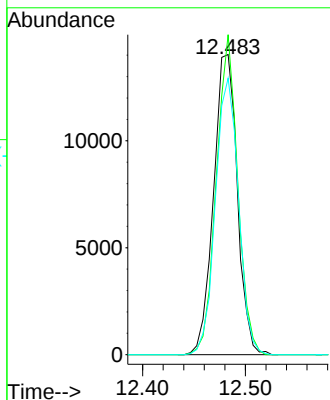
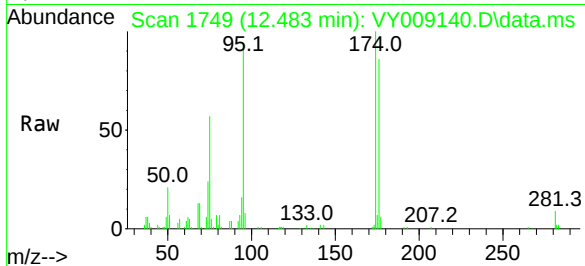




#62
4-Bromofluorobenzene
Concen: 31.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

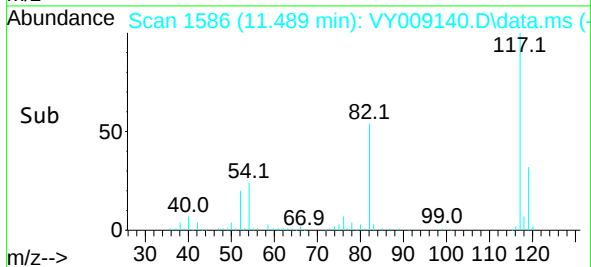
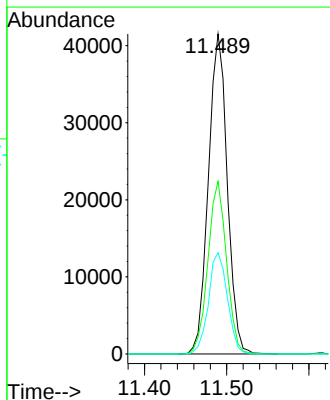
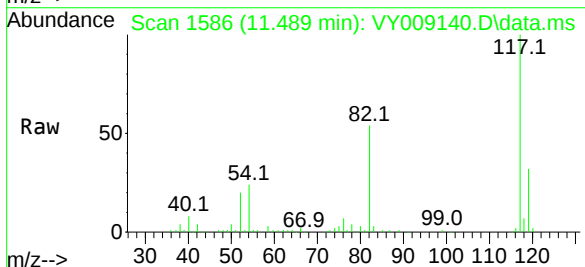
Instrument : MSVOA_Y
ClientSampleId : 20220392-SB-8-(DISCRETE-COMP-G)

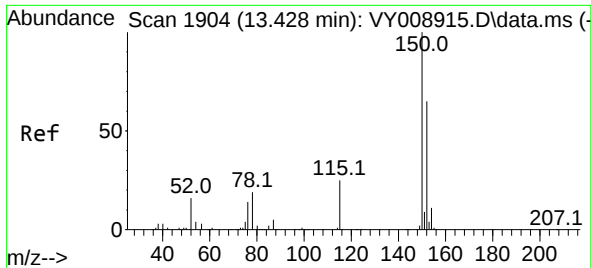
Tgt Ion: 95 Resp: 22493
Ion Ratio Lower Upper
95 100
174 95.8 0.0 177.0
176 89.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009140.D
Acq: 06 Jun 2022 12:20

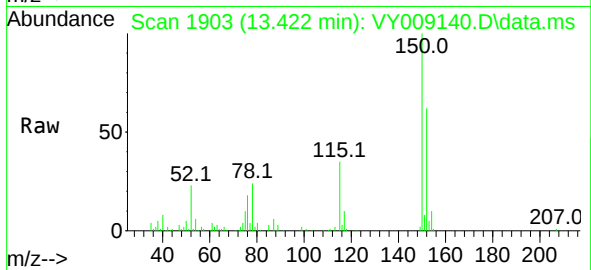
Tgt Ion: 117 Resp: 66232
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009140.D
 Acq: 06 Jun 2022 12:20

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



Tgt Ion:	152	Resp:	25503
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.7
150	157.5	0.0	347.6

