

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015056.D
 Acq On : 11 Aug 2023 13:57
 Operator : SY/MD
 Sample : 03930-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Aug 11 14:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

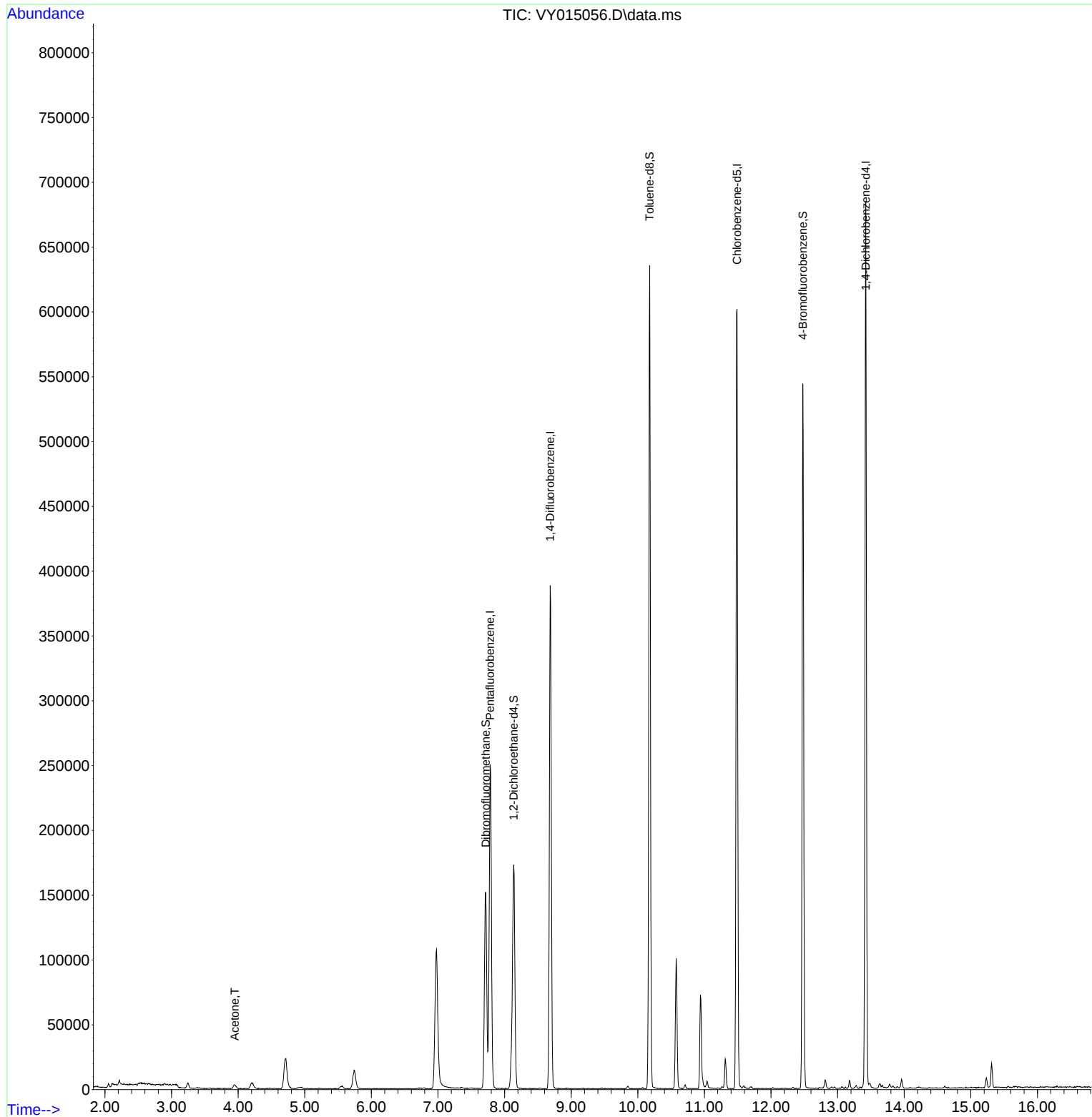
Internal Standards						
1) Pentafluorobenzene	7.783	168	197872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128120	53.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.716	113	108061	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.179	98	406338	49.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.477	95	156660	53.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.920%	
Target Compounds						
16) Acetone	3.948	43	5807	7.765	ug/l	Qvalue 92

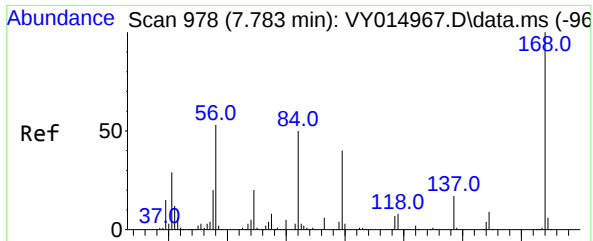
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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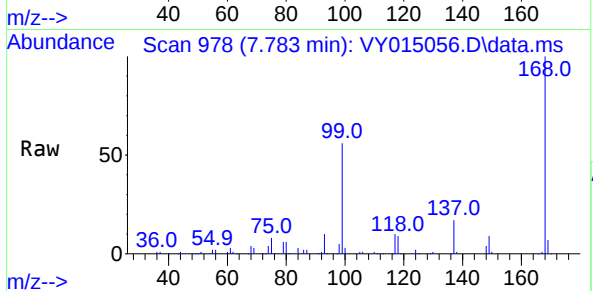
Quant Time: Aug 11 14:26:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
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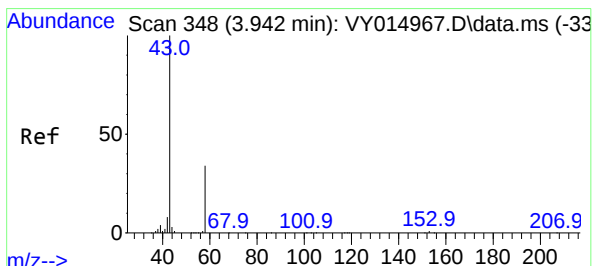
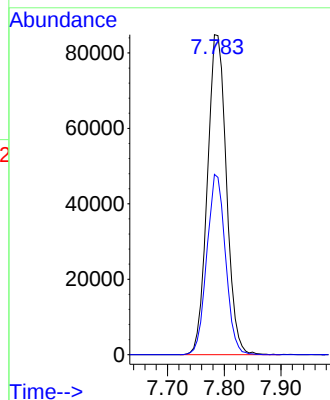
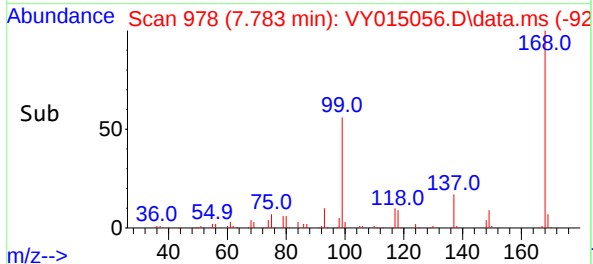


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Instrument :
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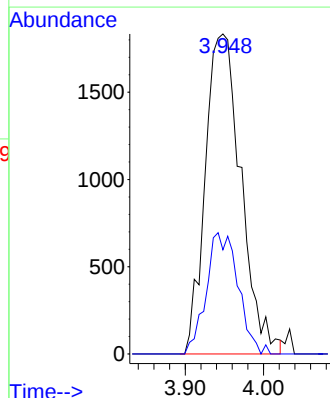
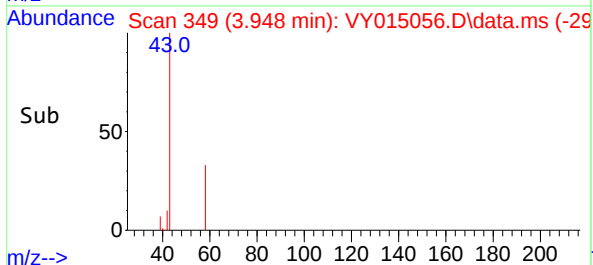
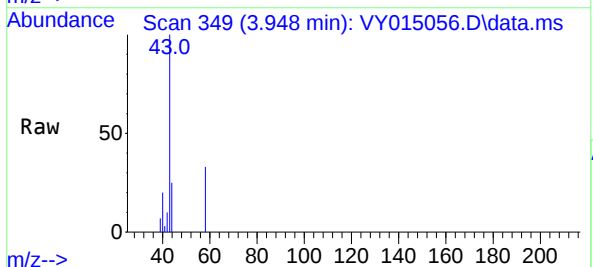


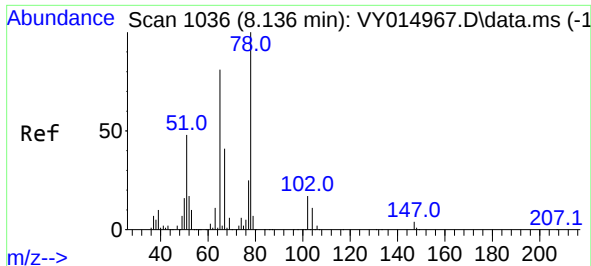
Tgt Ion:168 Resp: 197872
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 7.765 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Tgt Ion: 43 Resp: 5807
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.422 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015056.D

Acq: 11 Aug 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

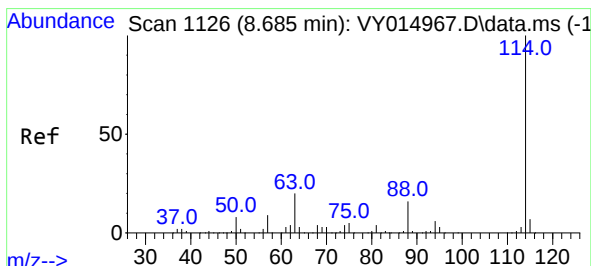
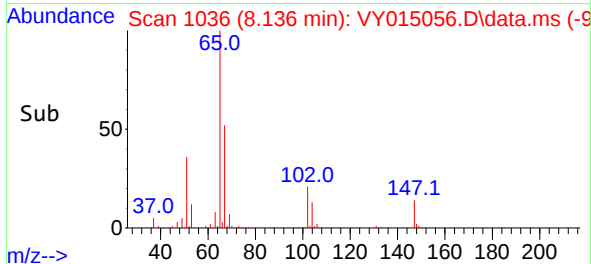
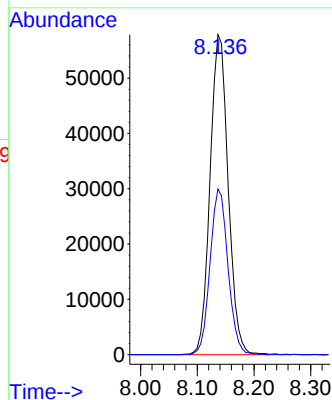
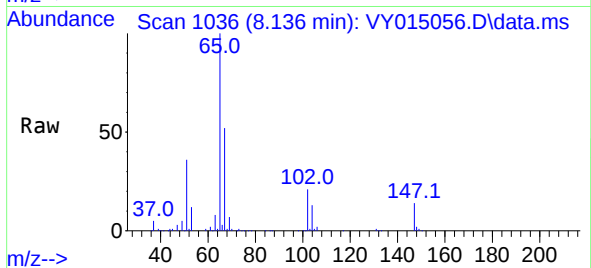
VNJ-207

Tgt Ion: 65 Resp: 128120

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015056.D

Acq: 11 Aug 2023 13:57

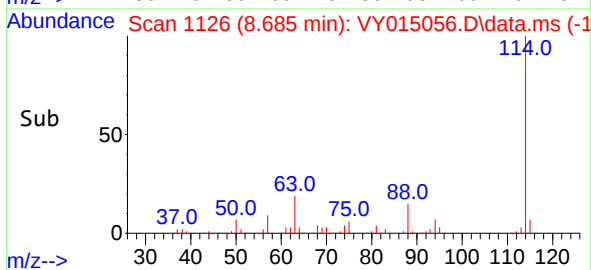
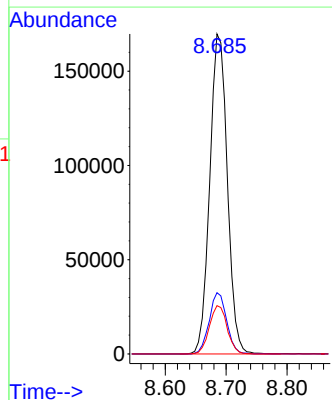
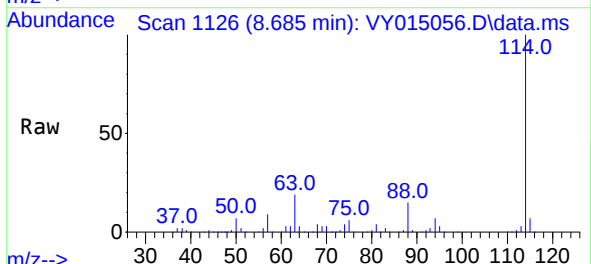
Tgt Ion: 114 Resp: 339725

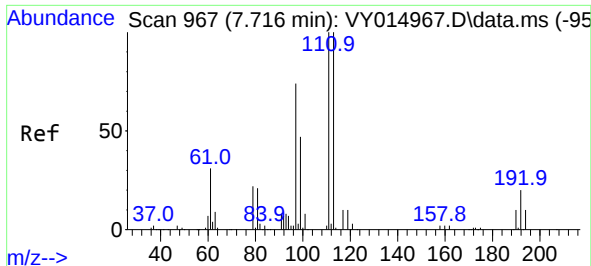
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.1 0.0 30.6

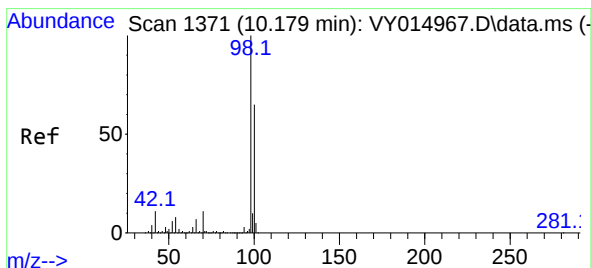
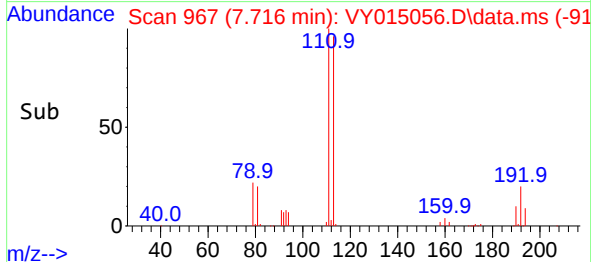
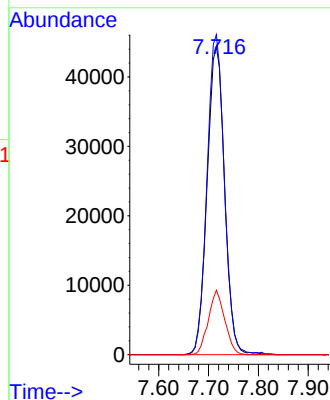
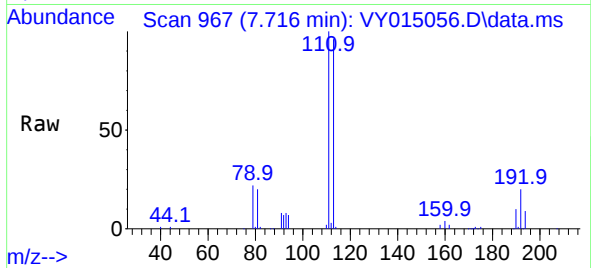




#35
Dibromofluoromethane
Concen: 49.741 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

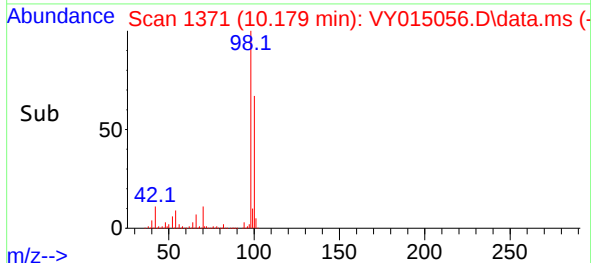
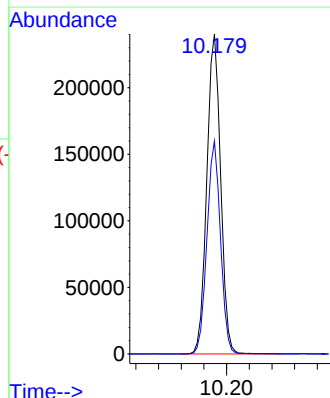
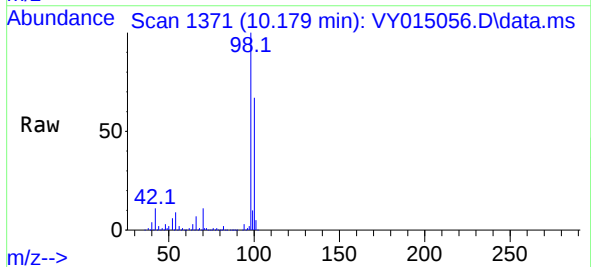
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

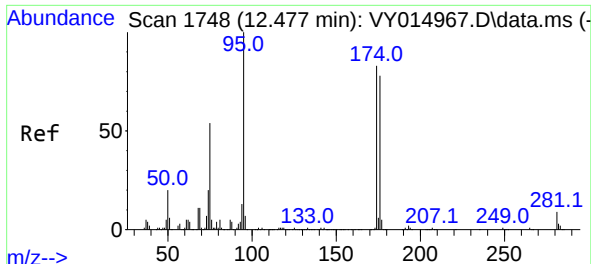
Tgt Ion:113 Resp: 108061
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.140 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

Tgt Ion: 98 Resp: 406338
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

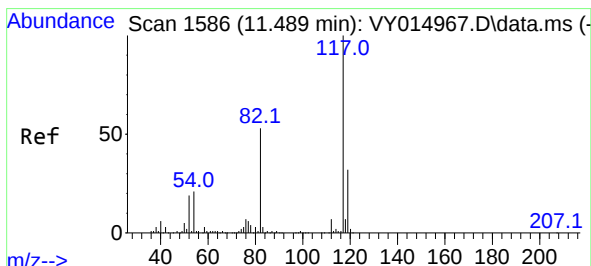
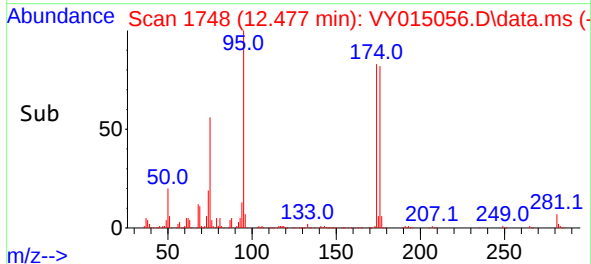
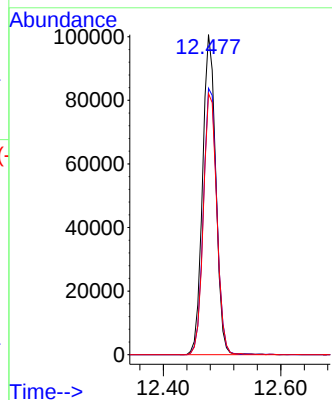
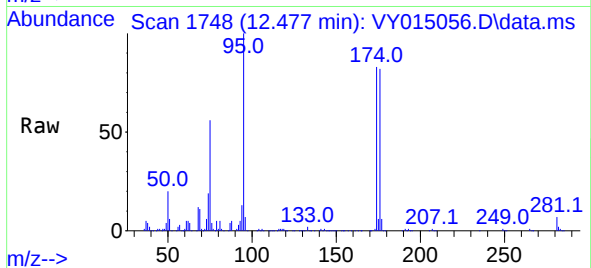




#62
4-Bromofluorobenzene
Concen: 53.456 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

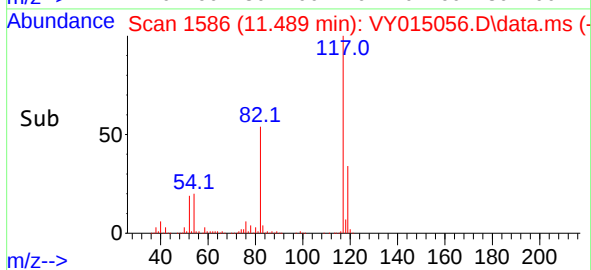
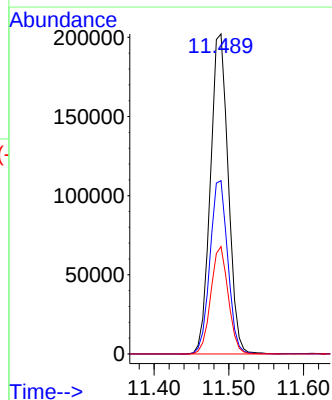
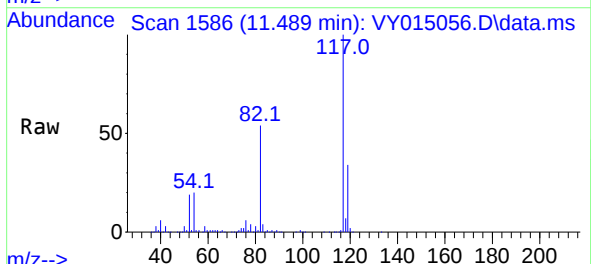
Instrument :
MSVOA_Y
ClientSampleId :
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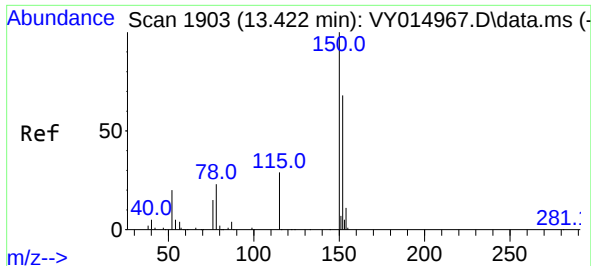
Tgt Ion: 95 Resp: 156660
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015056.D
Acq: 11 Aug 2023 13:57

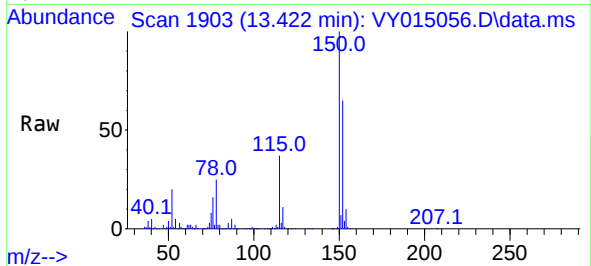
Tgt Ion: 117 Resp: 335149
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 33.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015056.D
 Acq: 11 Aug 2023 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207



Tgt Ion:	152	Resp:	170490
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.8	86.5
150	156.2	0.0	348.8

