

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009013.D
 Acq On : 23 May 2022 17:51
 Operator : KP/MD
 Sample : N2963-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208

Quant Time: May 24 01:49:51 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)

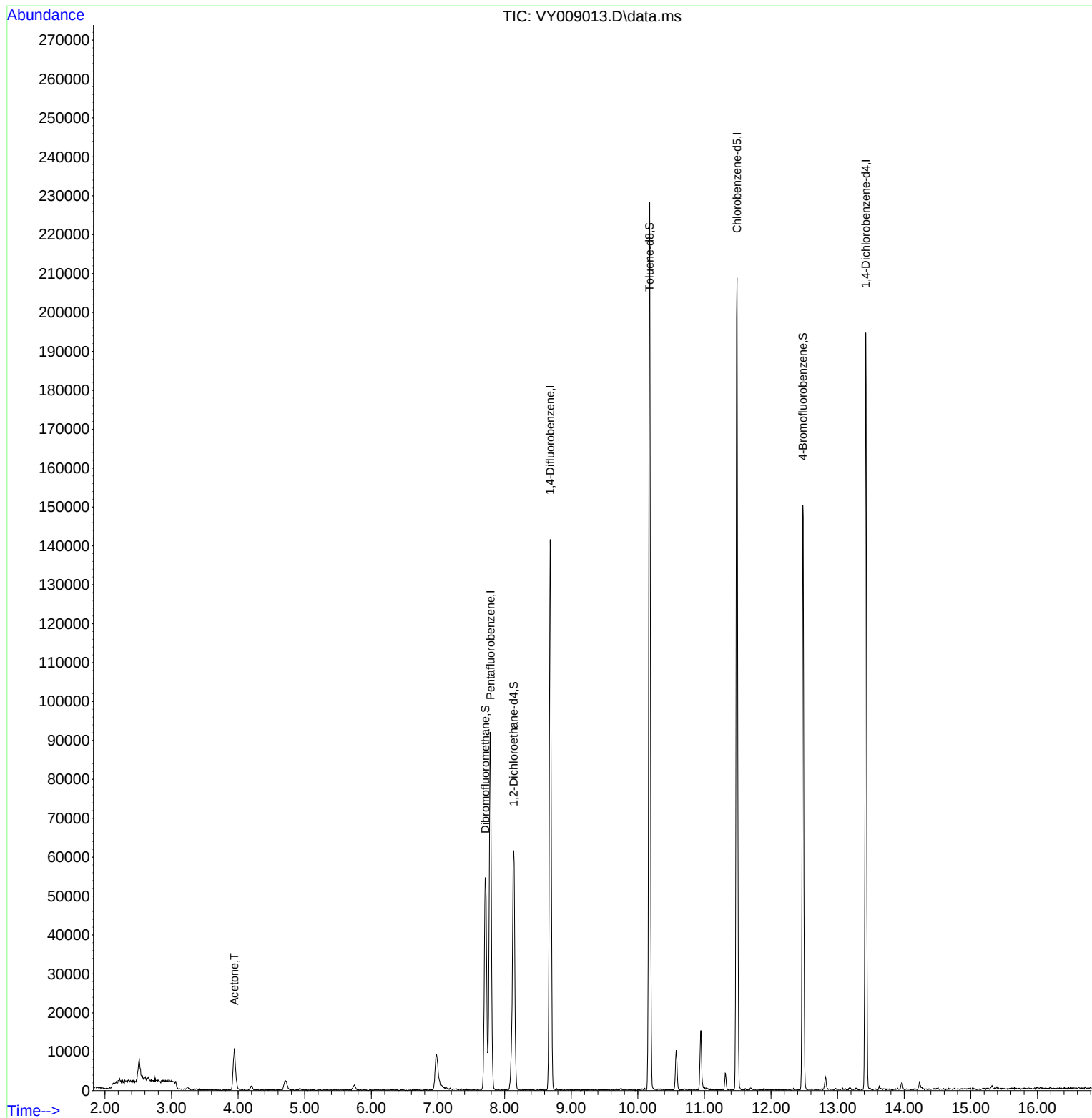
Internal Standards						
1) Pentafluorobenzene	7.789	168	68537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44324	62.838	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.680%	
35) Dibromofluoromethane	7.710	113	39200	53.473	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.940%	
50) Toluene-d8	10.179	98	146732	54.256	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.520%	
62) 4-Bromofluorobenzene	12.477	95	40077	36.736	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	73.480%	
Target Compounds						
16) Acetone	3.942	43	17438	118.765	ug/l	Qvalue 96

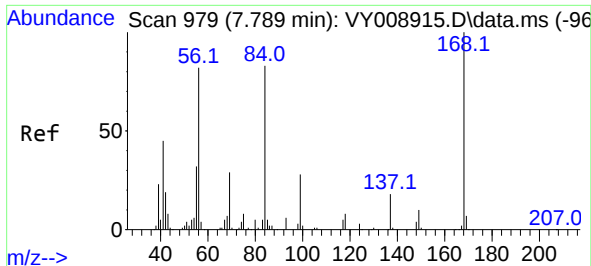
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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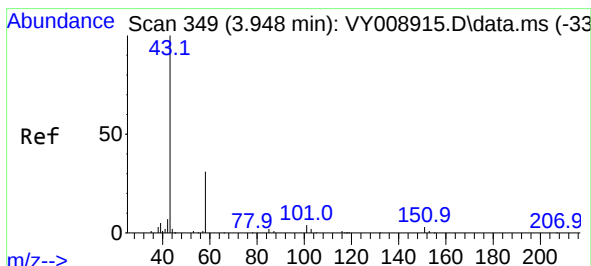
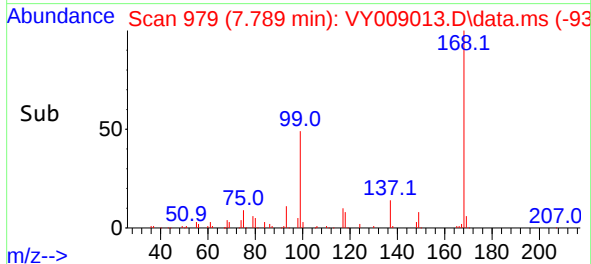
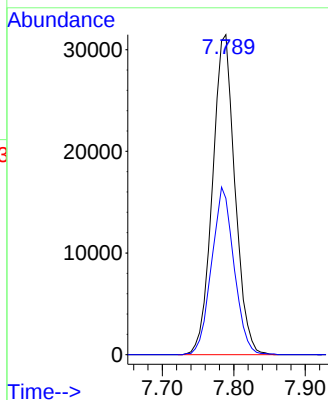
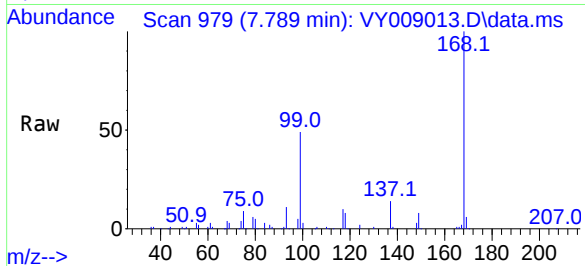




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

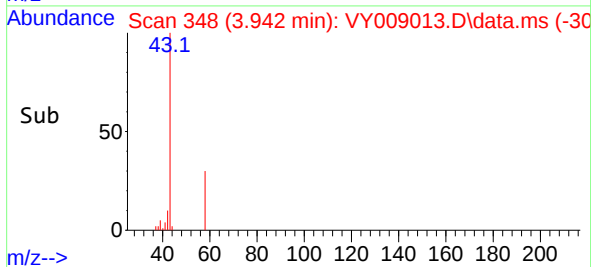
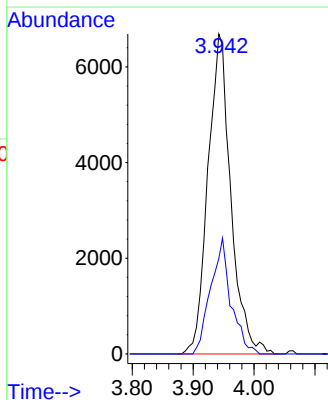
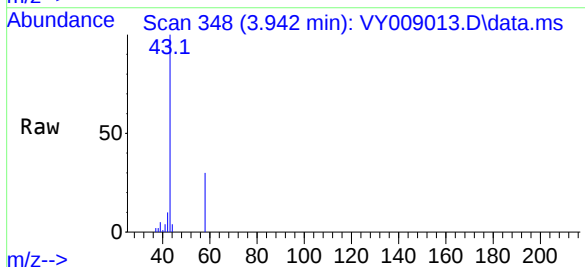
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

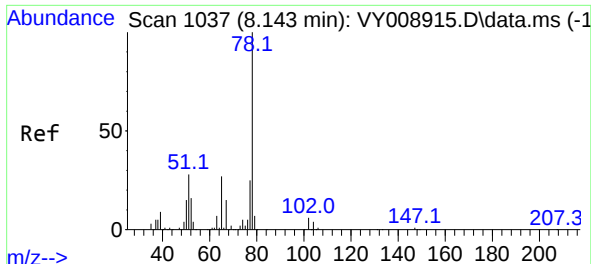
Tgt Ion:168 Resp: 68537
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#16
Acetone
Concen: 118.765 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 43 Resp: 17438
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 62.838 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009013.D

Acq: 23 May 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

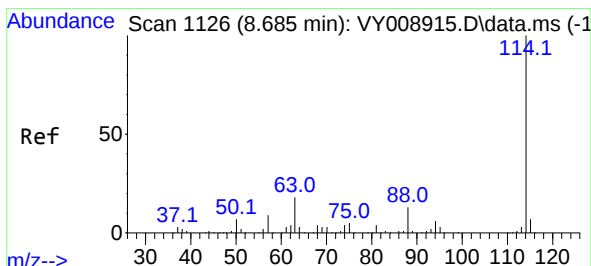
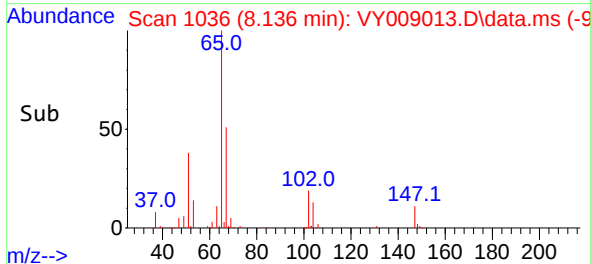
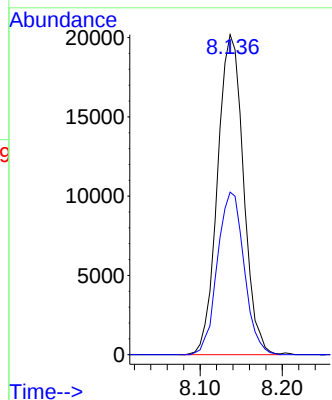
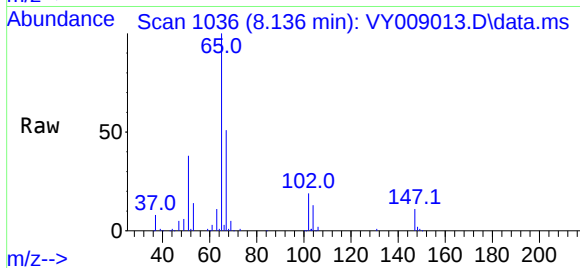
VNJ-208

Tgt Ion: 65 Resp: 44324

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009013.D

Acq: 23 May 2022 17:51

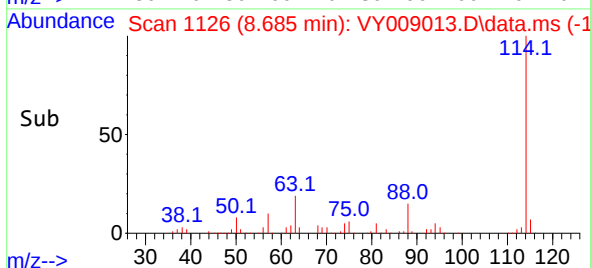
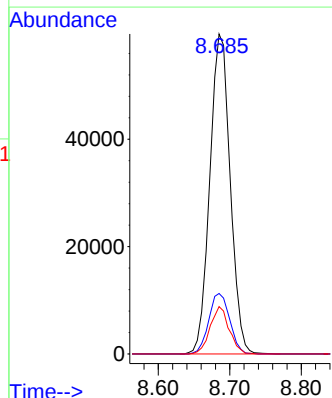
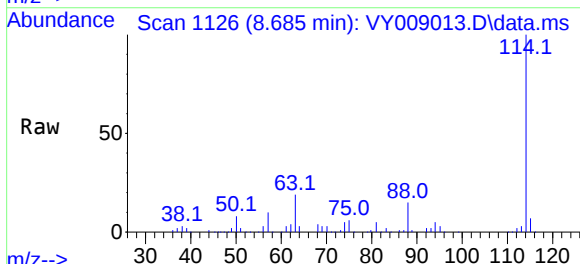
Tgt Ion: 114 Resp: 117888

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.8 0.0 31.8

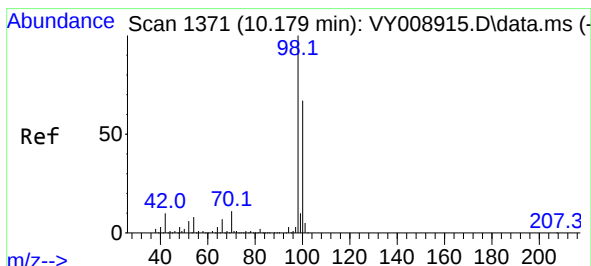
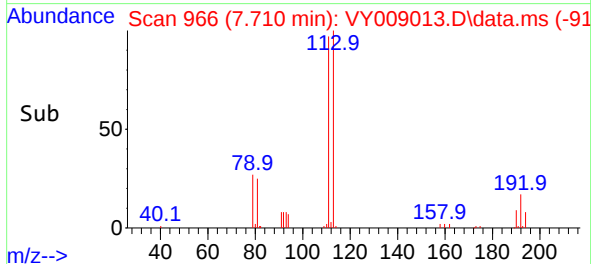
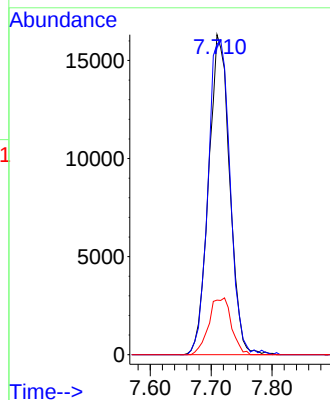
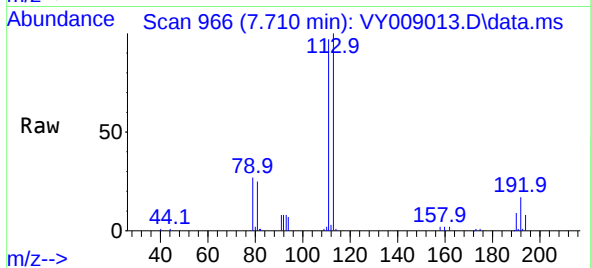




#35
Dibromofluoromethane
Concen: 53.473 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

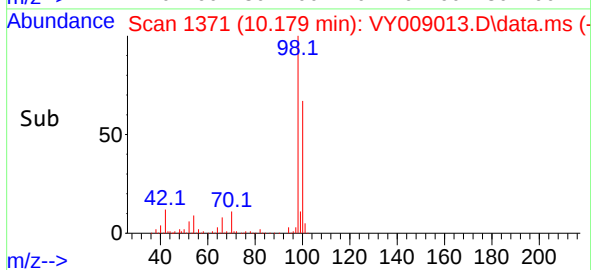
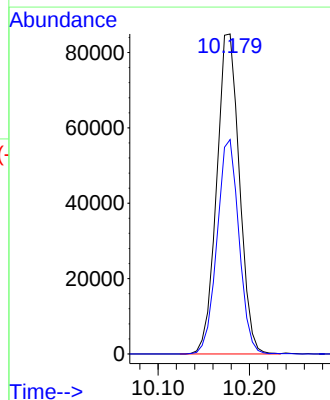
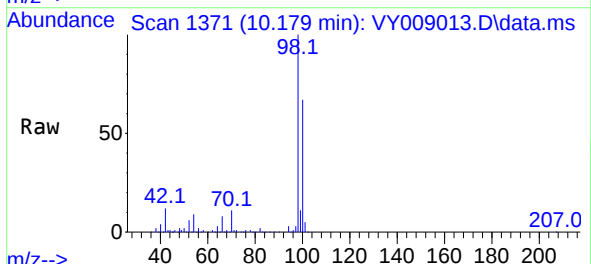
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

Tgt Ion:113 Resp: 39200
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 54.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

Tgt Ion: 98 Resp: 146732
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

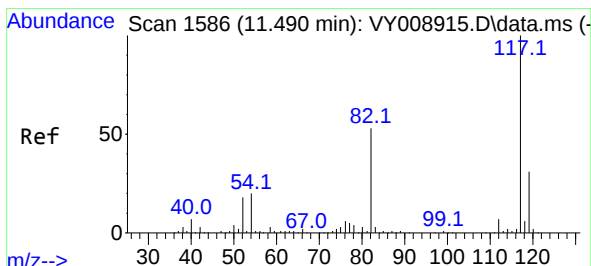
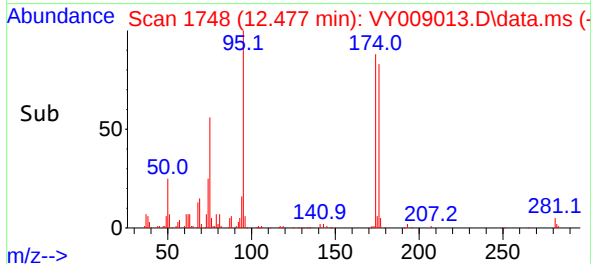
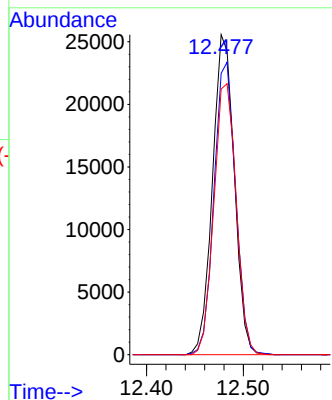
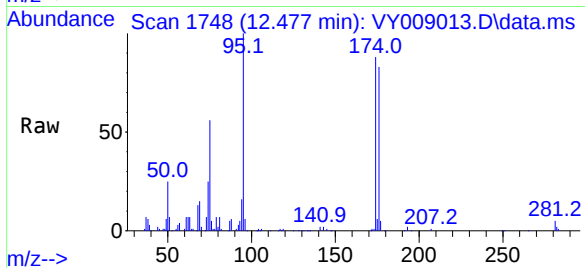




#62
4-Bromofluorobenzene
Concen: 36.736 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

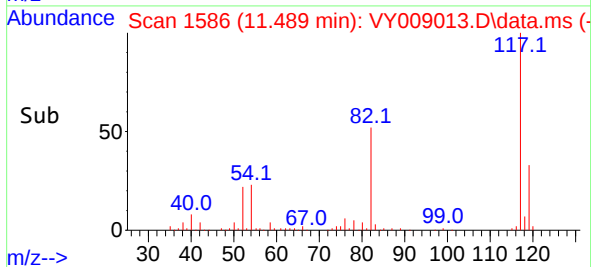
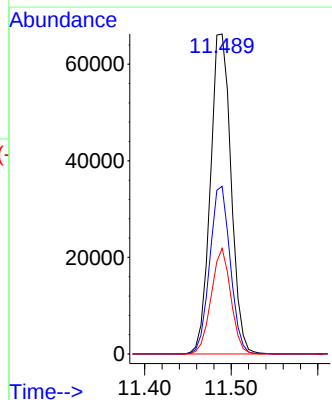
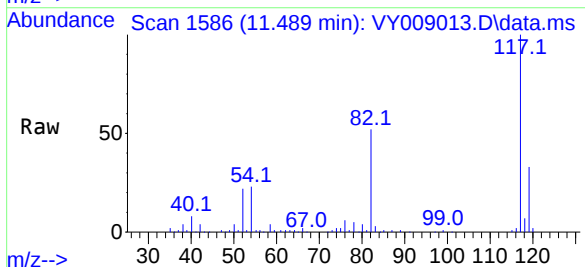
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-208

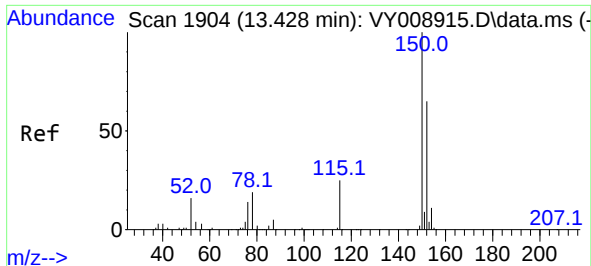
Tgt Ion: 95 Resp: 40077
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009013.D
Acq: 23 May 2022 17:51

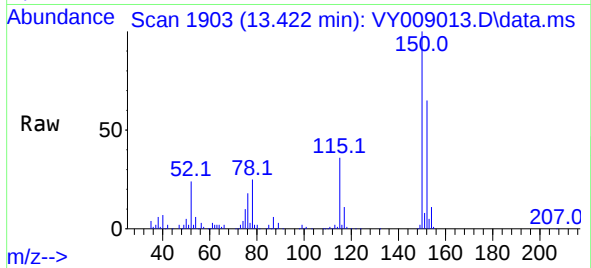
Tgt Ion: 117 Resp: 109833
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 33.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009013.D
 Acq: 23 May 2022 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-208



Tgt Ion:	152	Resp:	46503
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.2	84.7
150	155.8	0.0	347.6

