

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010068.D
 Acq On : 17 Aug 2022 15:05
 Operator : KP/MD
 Sample : N4216-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-081522

Quant Time: Aug 18 08:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

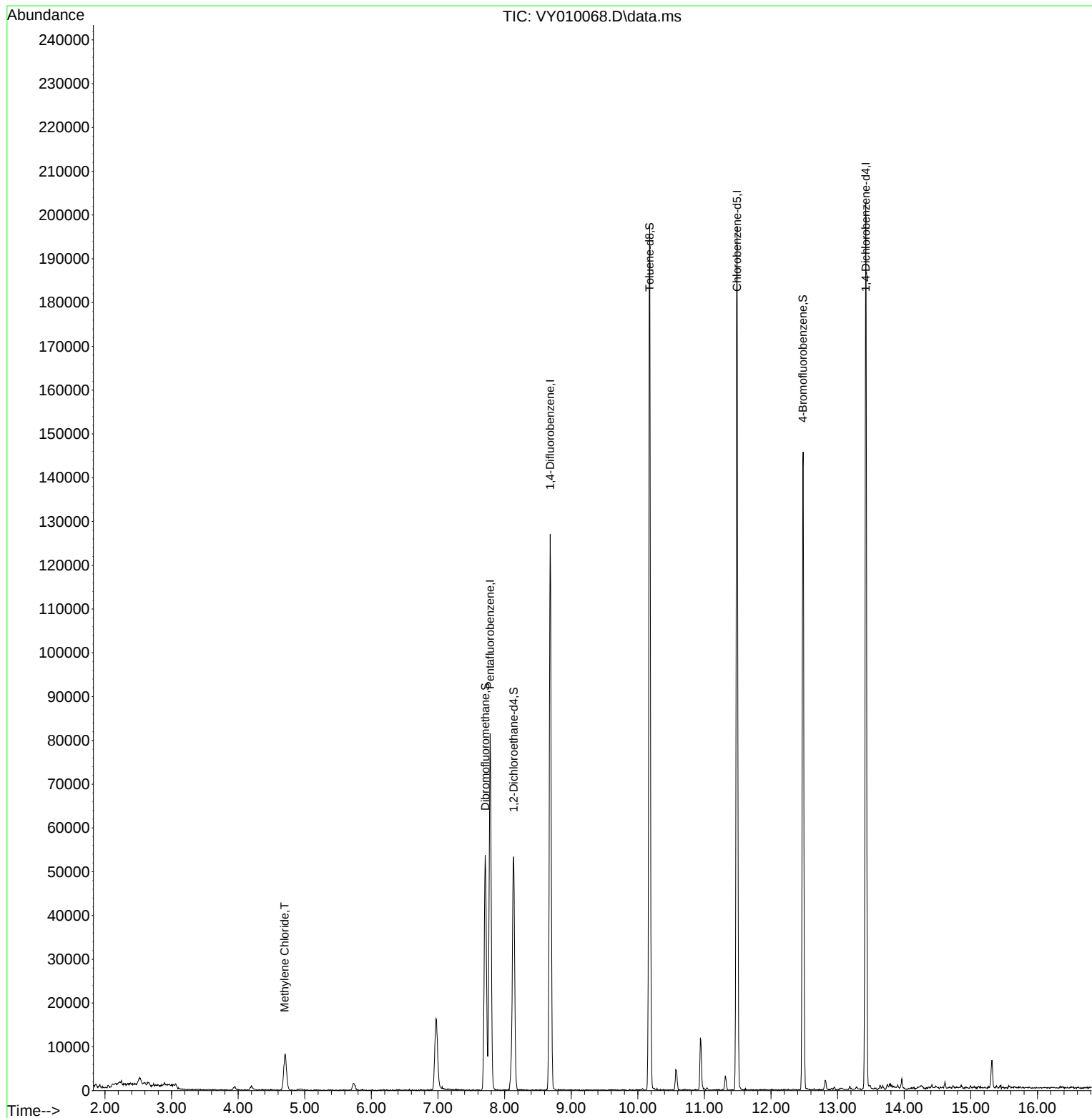
Internal Standards						
1) Pentafluorobenzene	7.783	168	64124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39865	62.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.360%			
35) Dibromofluoromethane	7.710	113	36325	50.689	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.380%			
50) Toluene-d8	10.179	98	128263	48.377	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.477	95	43982	47.230	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.460%			
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	6446	7.266	ug/l	# 87

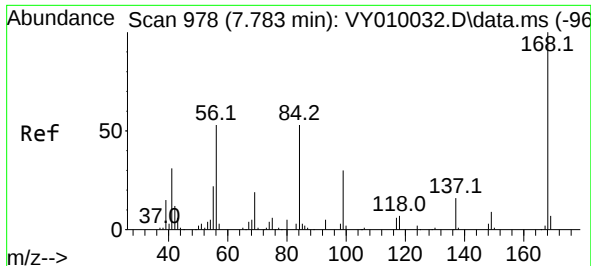
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
Data File : VY010068.D
Acq On : 17 Aug 2022 15:05
Operator : KP/MD
Sample : N4216-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

Quant Time: Aug 18 08:19:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
Response via : Initial Calibration

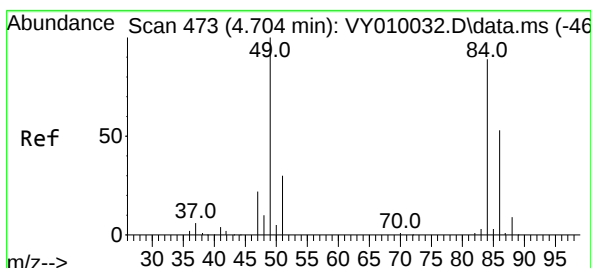
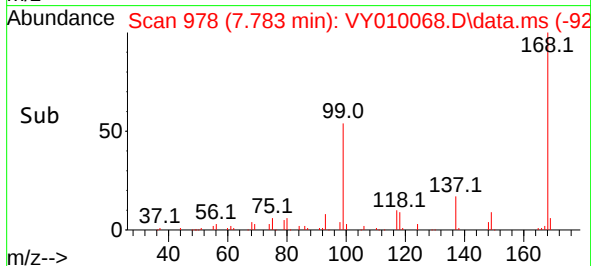
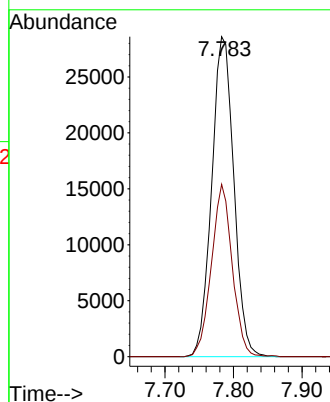
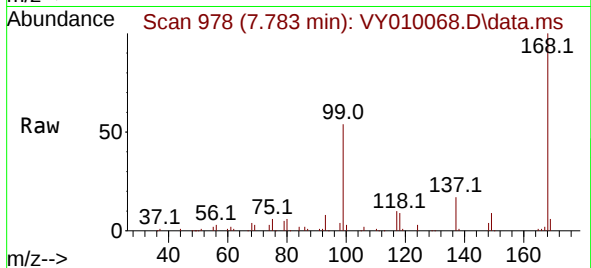




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

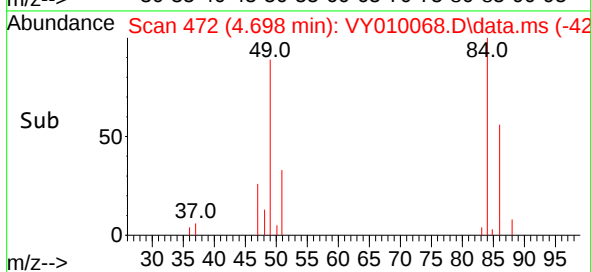
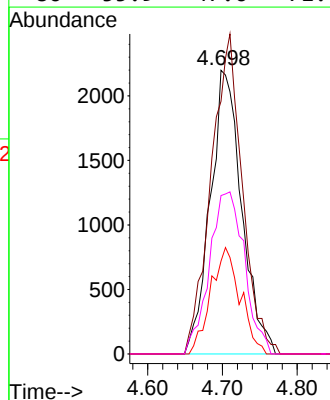
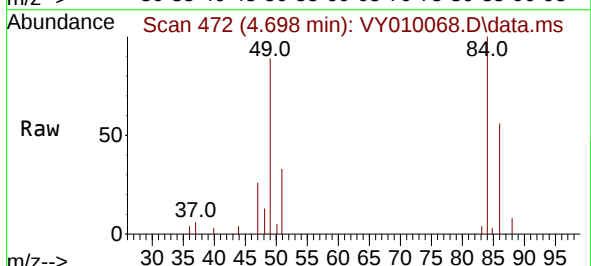
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

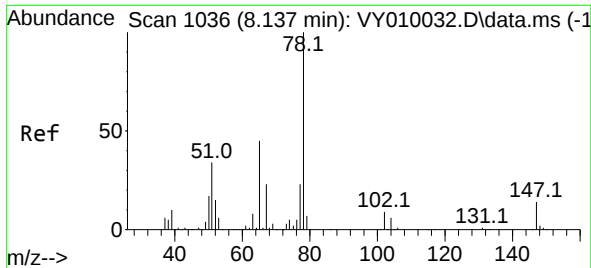
Tgt Ion:168 Resp: 64124
Ion Ratio Lower Upper
168 100
99 53.9 37.7 56.5



#20
Methylene Chloride
Concen: 7.266 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 84 Resp: 6446
Ion Ratio Lower Upper
84 100
49 89.1 89.5 134.3#
51 32.7 26.8 40.2
86 55.9 47.6 71.4





#33

1,2-Dichloroethane-d4

Concen: 62.177 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010068.D

Acq: 17 Aug 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

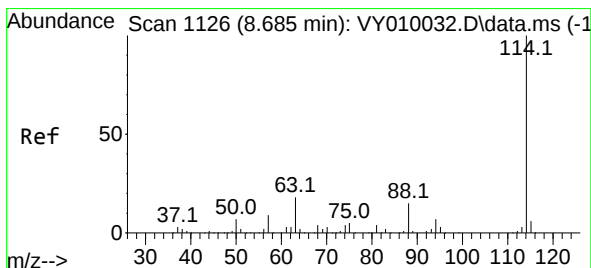
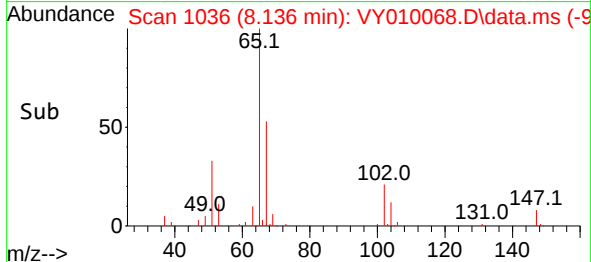
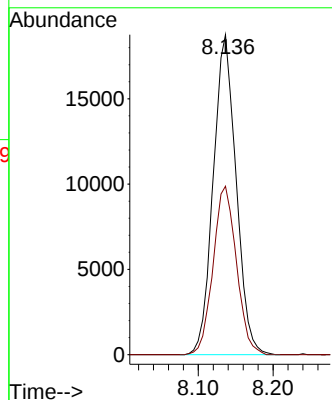
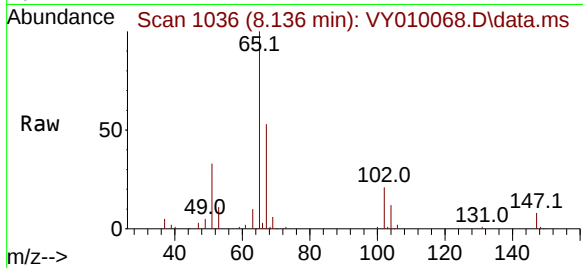
NB-08-081522

Tgt Ion: 65 Resp: 39865

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010068.D

Acq: 17 Aug 2022 15:05

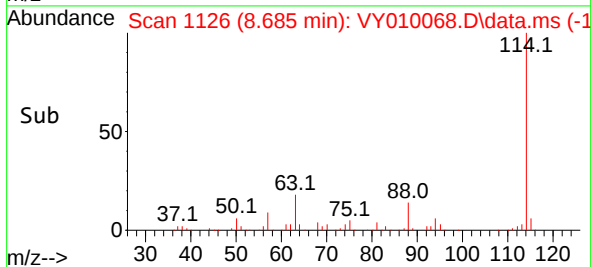
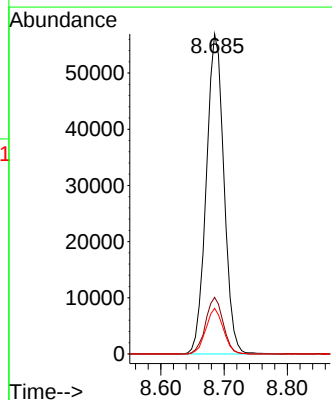
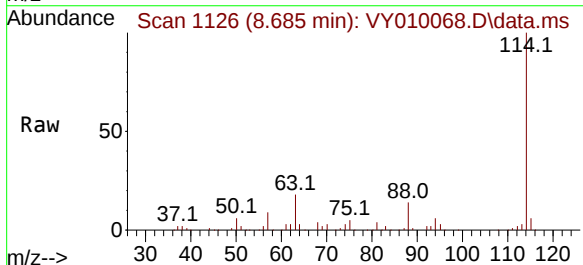
Tgt Ion: 114 Resp: 110504

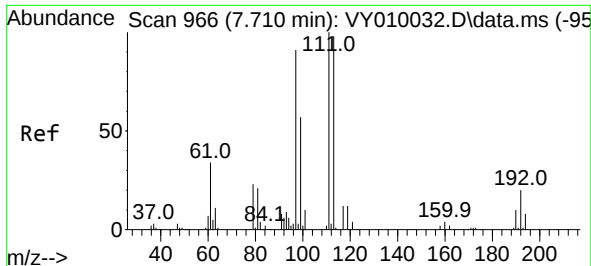
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

88 14.3 0.0 30.2

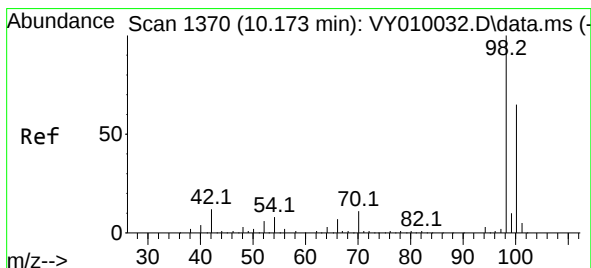
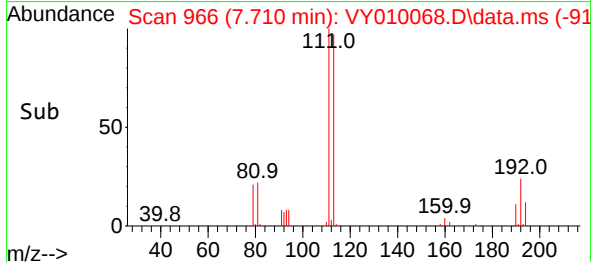
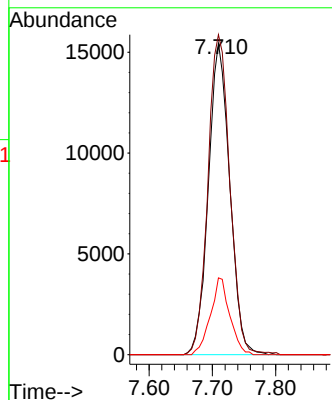
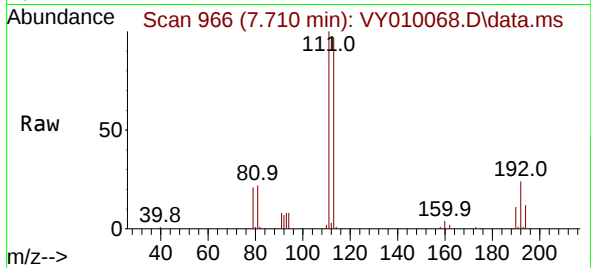




#35
Dibromofluoromethane
Concen: 50.689 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

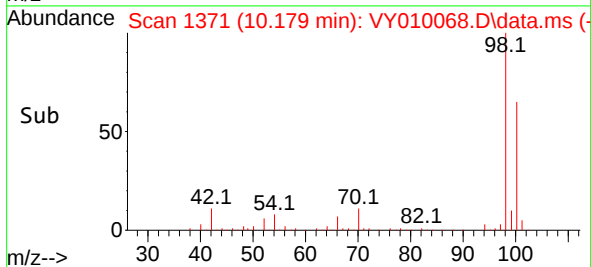
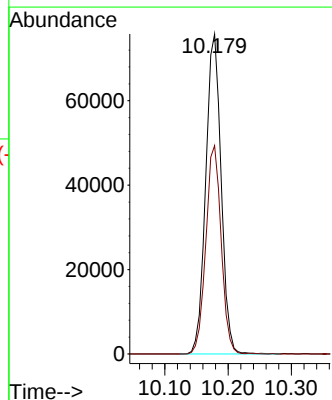
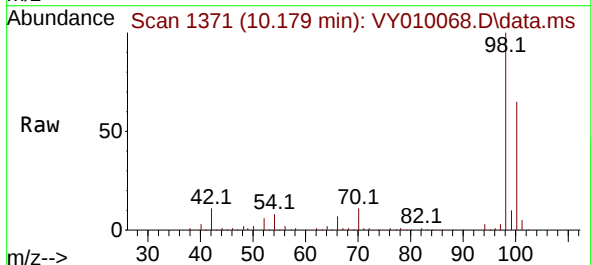
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

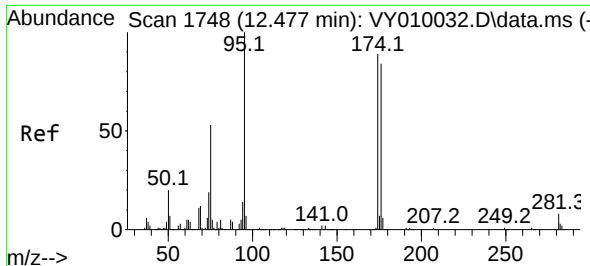
Tgt Ion:113 Resp: 36325
Ion Ratio Lower Upper
113 100
111 105.1 82.7 124.1
192 22.3 17.2 25.8



#50
Toluene-d8
Concen: 48.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 98 Resp: 128263
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

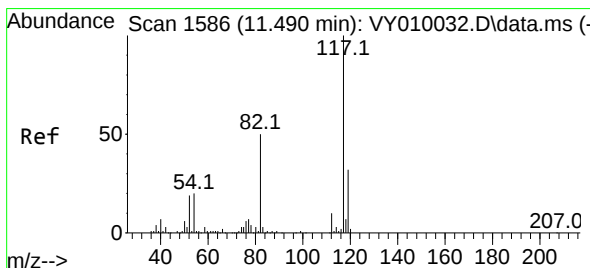
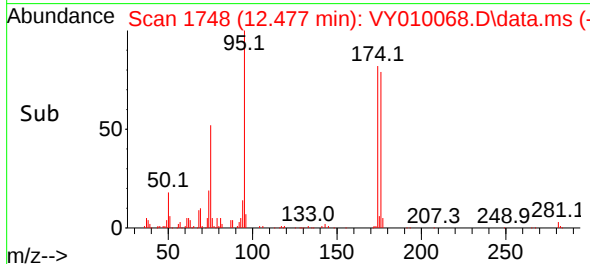
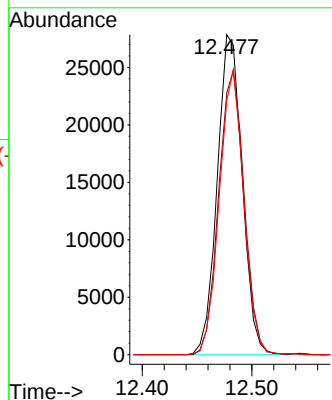
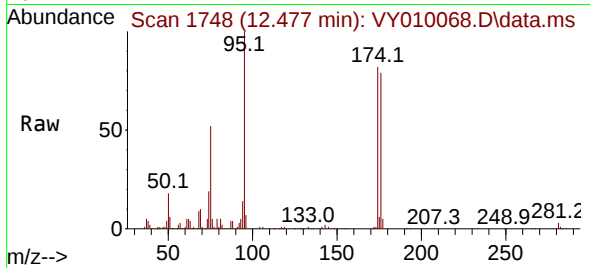




#62
4-Bromofluorobenzene
Concen: 47.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

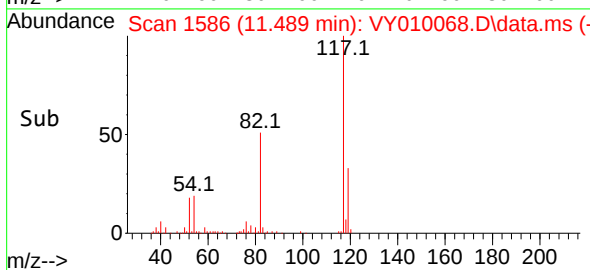
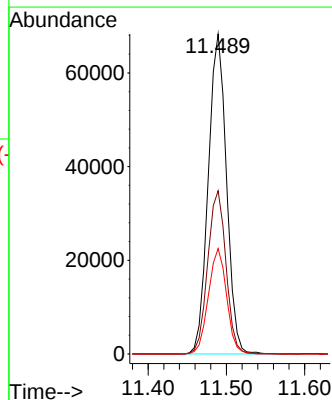
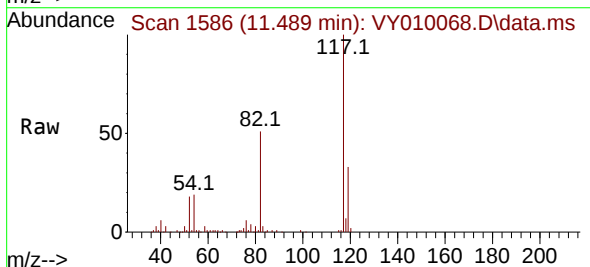
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-081522

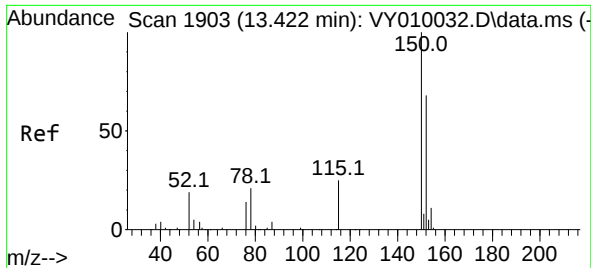
Tgt Ion: 95 Resp: 43982
Ion Ratio Lower Upper
95 100
174 90.5 0.0 184.2
176 87.1 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010068.D
Acq: 17 Aug 2022 15:05

Tgt Ion: 117 Resp: 110085
Ion Ratio Lower Upper
117 100
82 51.0 39.8 59.6
119 32.9 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: VY010068.D

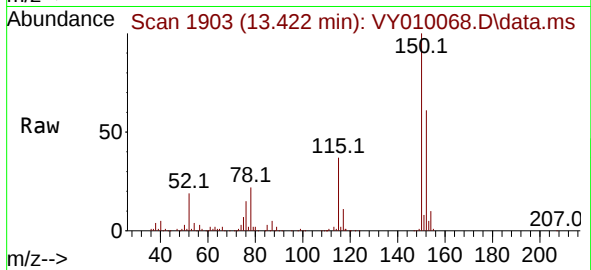
Acq: 17 Aug 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-081522



Tgt Ion:152 Resp: 52365

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 157.5 0.0 346.6

