

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009975.D
 Acq On : 11 Aug 2022 19:41
 Operator : KP/MD
 Sample : N4064-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

Quant Time: Aug 12 02:50:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

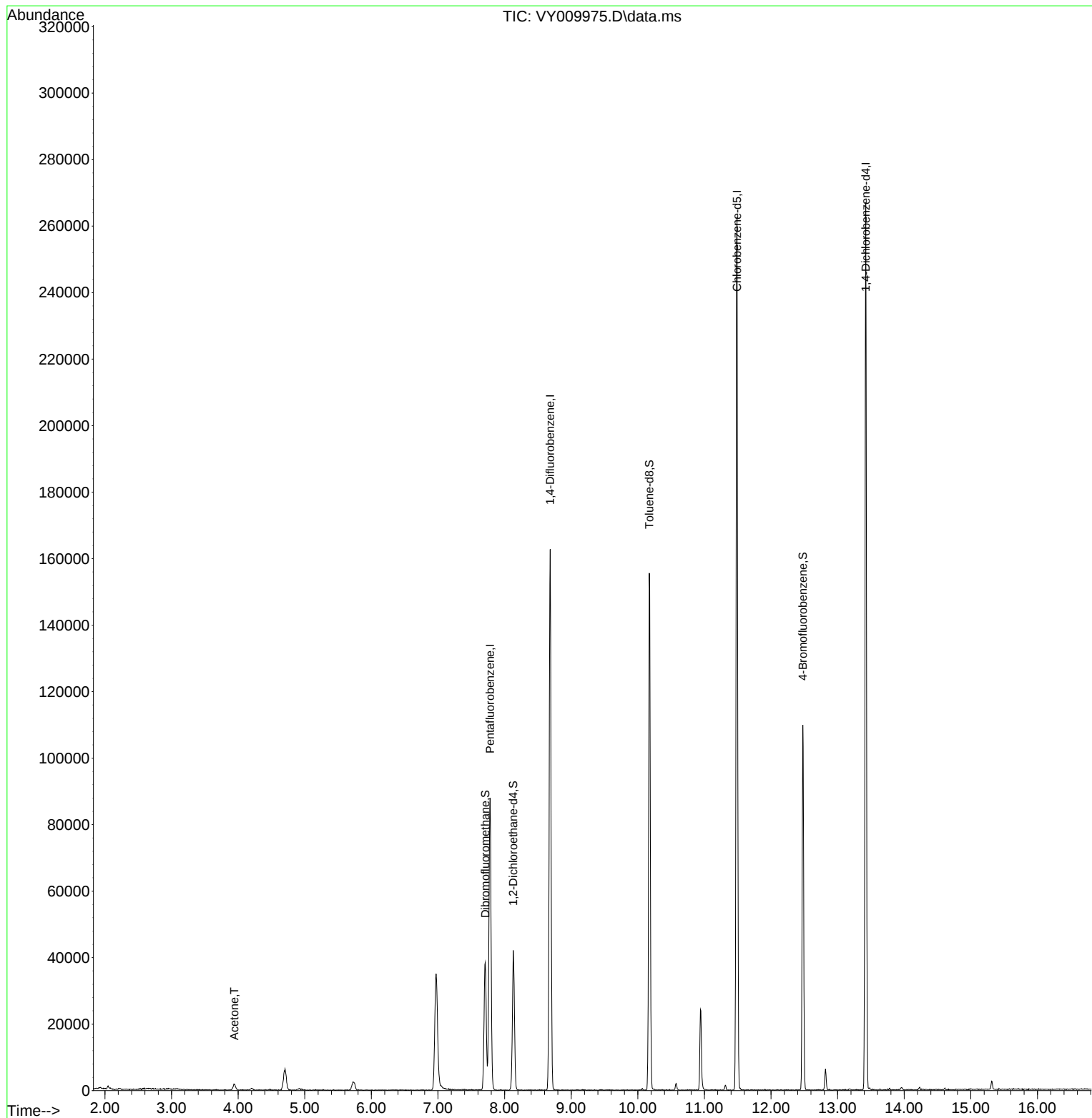
Internal Standards						
1) Pentafluorobenzene	7.783	168	65809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29058	57.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.280%
35) Dibromofluoromethane	7.710	113	27254	35.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.160%
50) Toluene-d8	10.173	98	98625	42.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.060%
62) 4-Bromofluorobenzene	12.477	95	32354	29.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.240%
Target Compounds						
16) Acetone	3.942	43	3133	18.924	ug/l	Qvalue 97

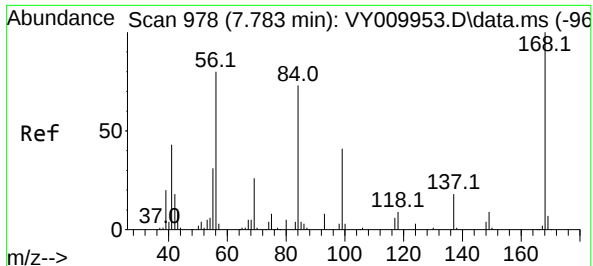
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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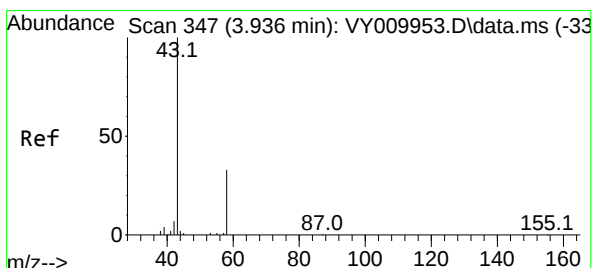
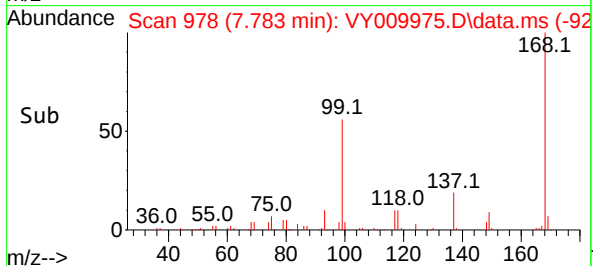
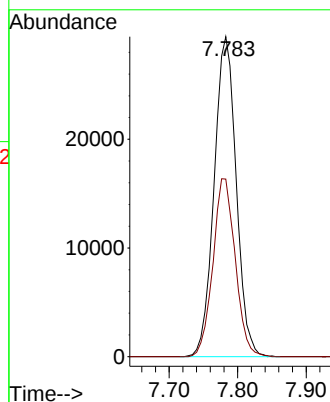
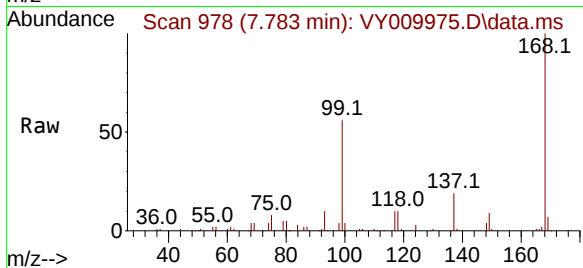




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

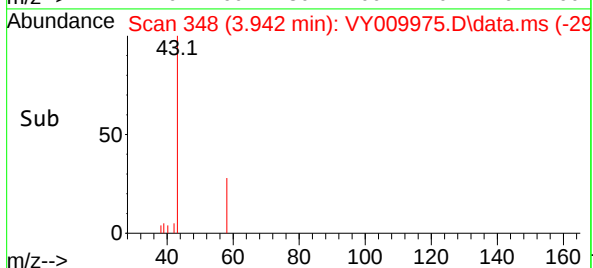
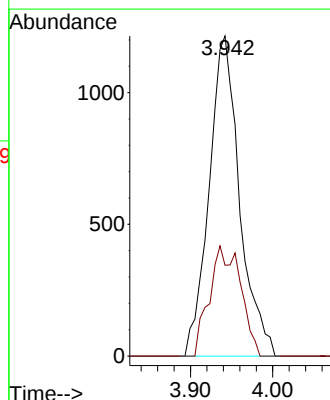
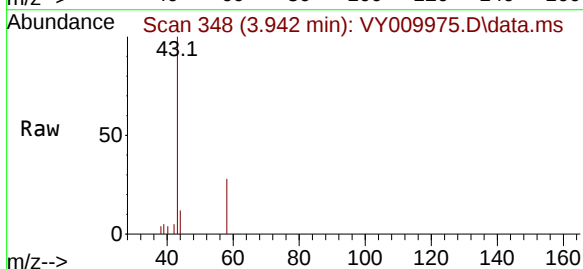
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

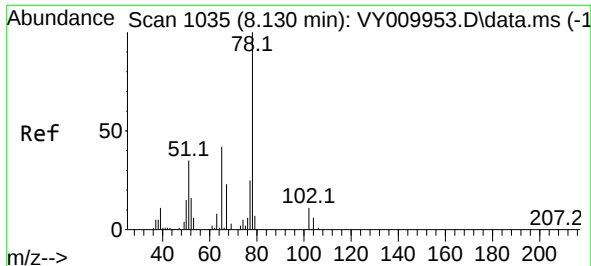
Tgt Ion:168 Resp: 65809
Ion Ratio Lower Upper
168 100
99 55.5 42.1 63.1



#16
Acetone
Concen: 18.924 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
58 28.4 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 57.637 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

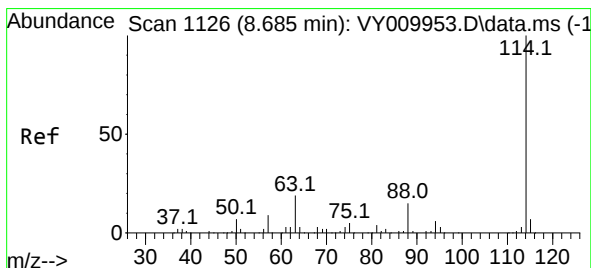
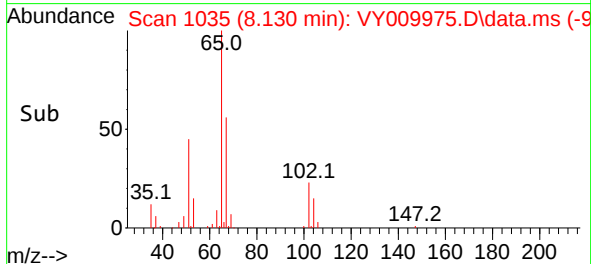
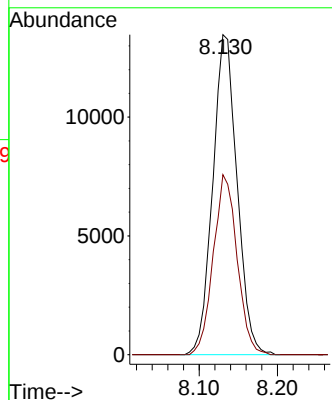
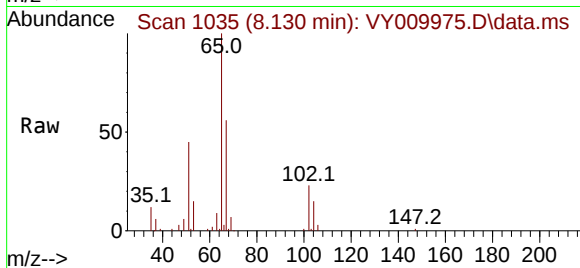
SB-15

Tgt Ion: 65 Resp: 29058

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

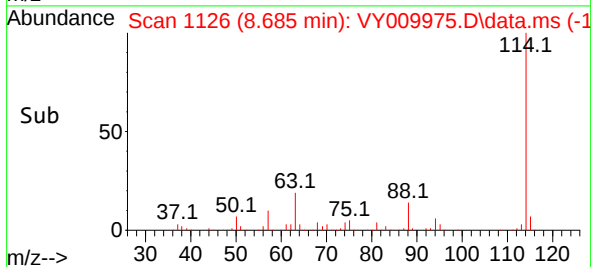
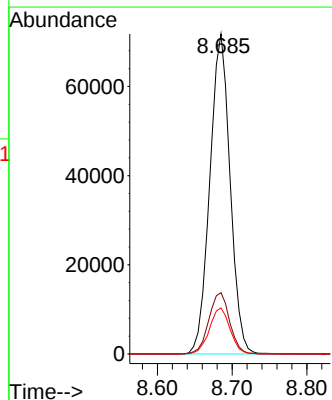
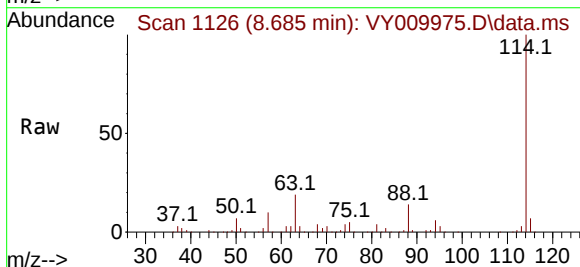
Tgt Ion: 114 Resp: 135036

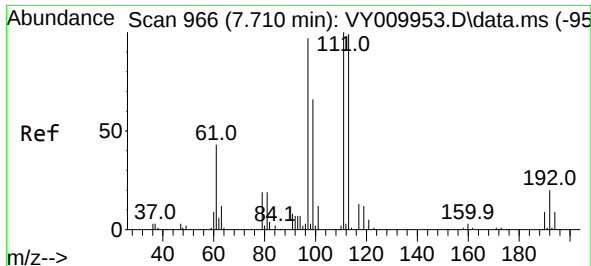
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.4 0.0 30.0

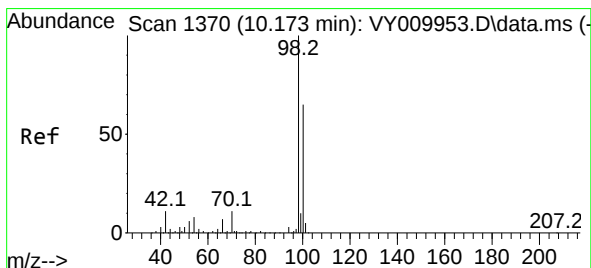
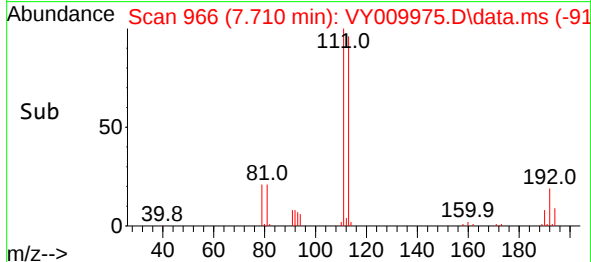
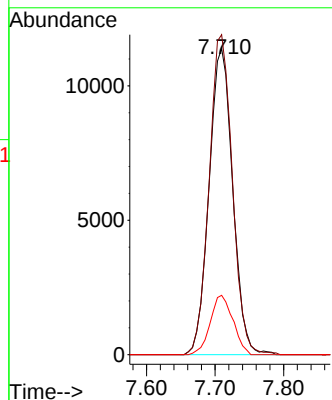
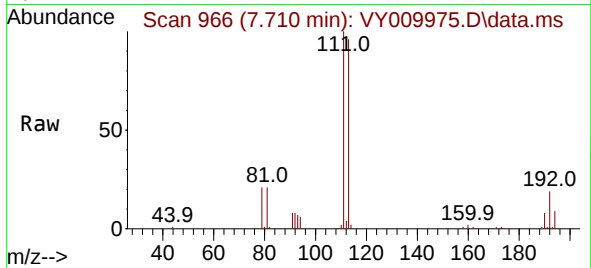




#35
 Dibromofluoromethane
 Concen: 35.078 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009975.D
 Acq: 11 Aug 2022 19:41

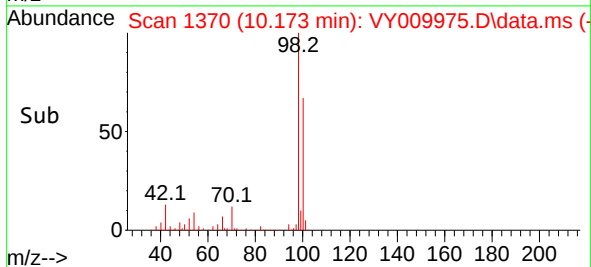
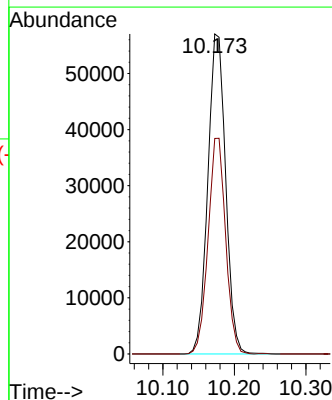
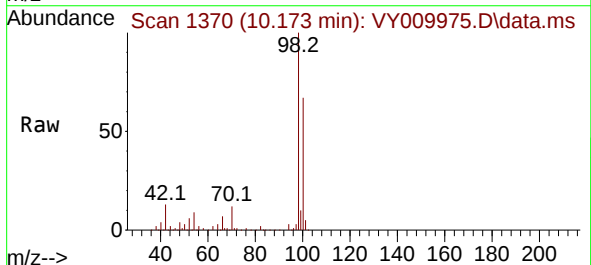
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

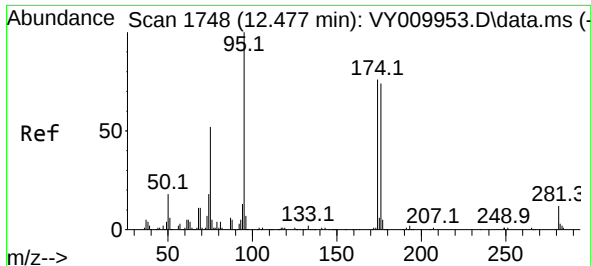
Tgt Ion:	113	Resp:	27254
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.6	120.8
192	18.7	16.2	24.4



#50
 Toluene-d8
 Concen: 42.530 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009975.D
 Acq: 11 Aug 2022 19:41

Tgt Ion:	98	Resp:	98625
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3

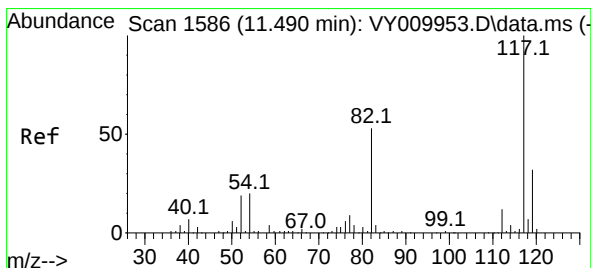
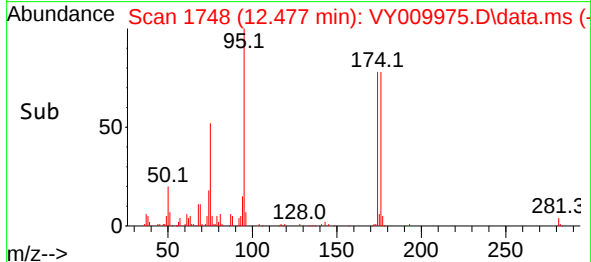
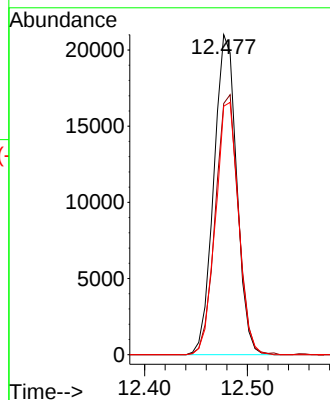
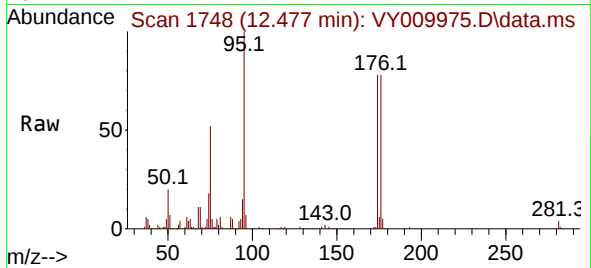




#62
4-Bromofluorobenzene
Concen: 29.620 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

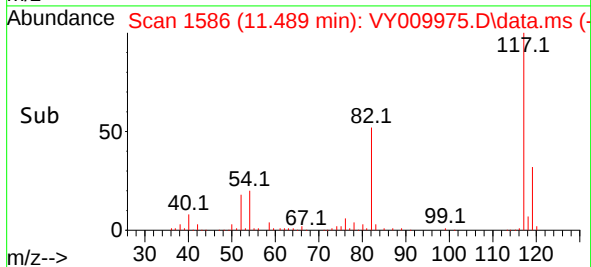
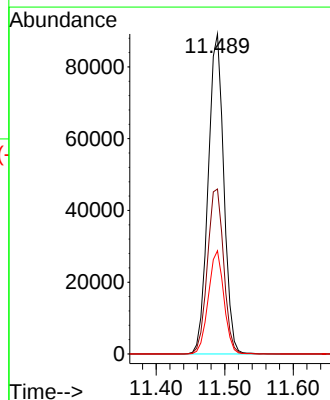
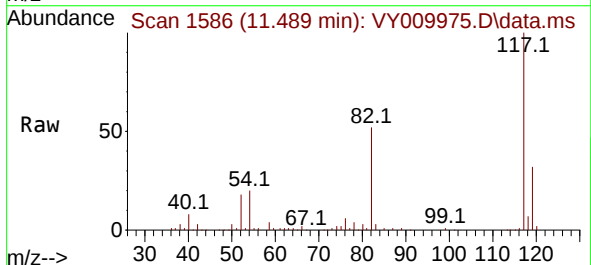
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

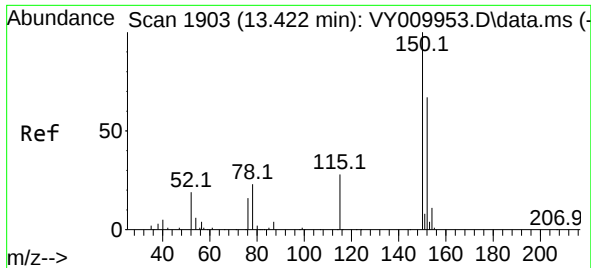
Tgt Ion: 95 Resp: 32354
Ion Ratio Lower Upper
95 100
174 81.7 0.0 173.8
176 79.6 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 117 Resp: 141823
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 32.2 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: VY009975.D

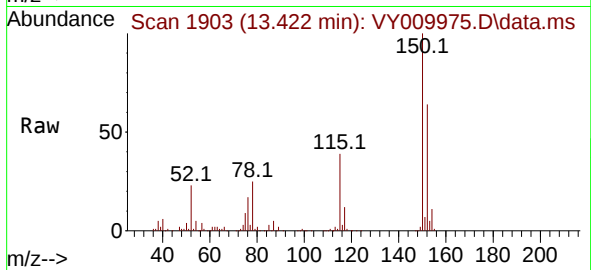
Acq: 11 Aug 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-15



Tgt Ion:152 Resp: 64162

Ion Ratio Lower Upper

152 100

115 58.6 28.6 85.9

150 157.1 0.0 349.8

