

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010007.D
 Acq On : 14 Aug 2022 19:03
 Operator : KP/MD
 Sample : N4189-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB19

Quant Time: Aug 15 00:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

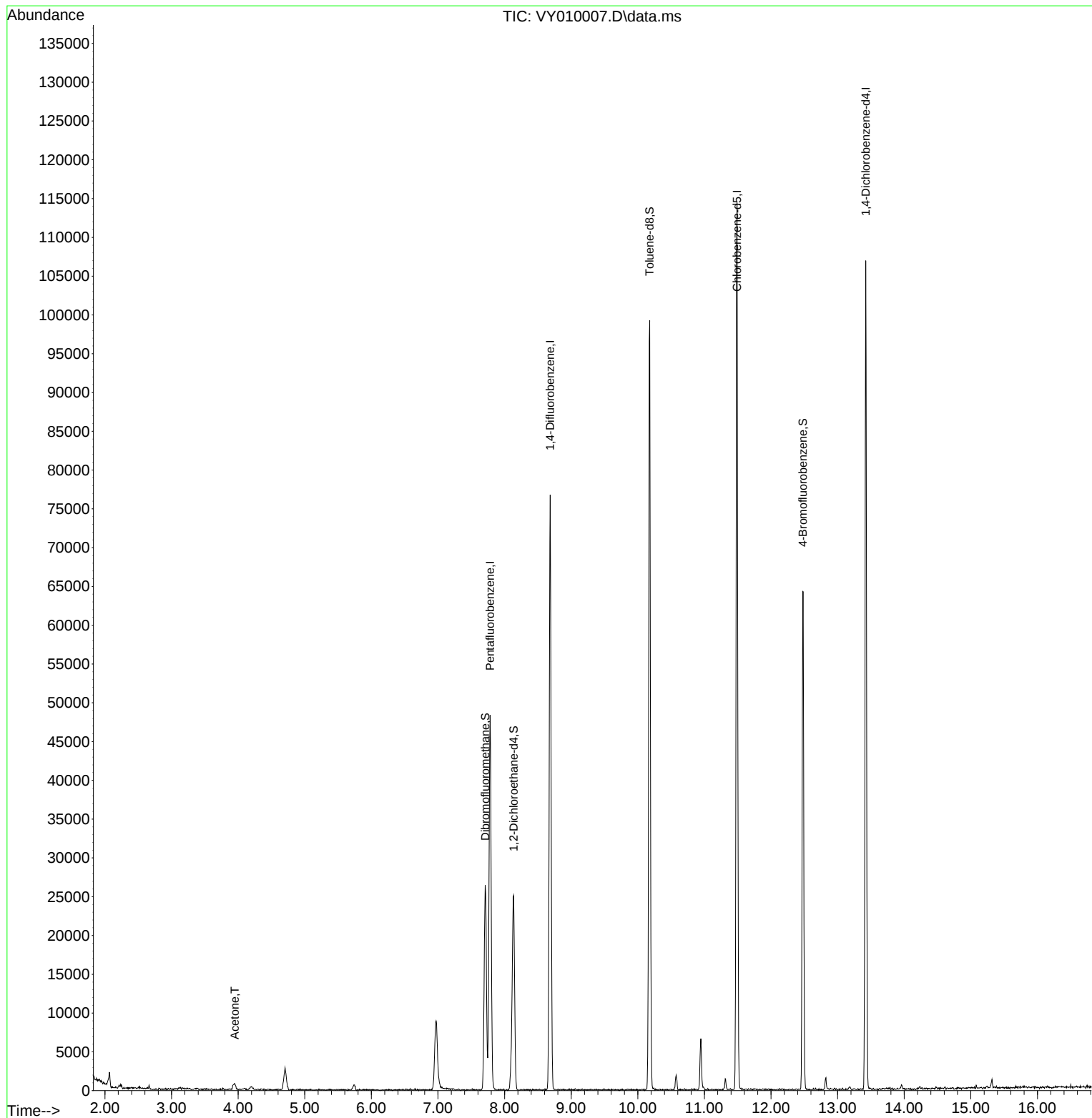
Internal Standards						
1) Pentafluorobenzene	7.783	168	37770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18510	48.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.620%
35) Dibromofluoromethane	7.710	113	19441	46.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.300%
50) Toluene-d8	10.179	98	69056	42.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.580%
62) 4-Bromofluorobenzene	12.477	95	22256	37.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.280%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1545	16.790	ug/l #	88

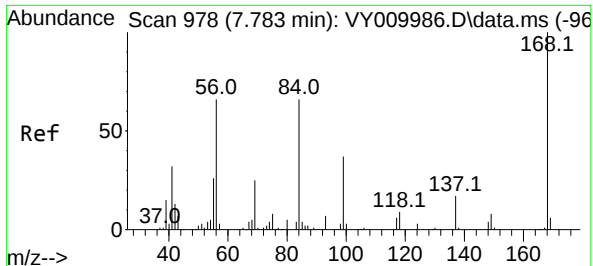
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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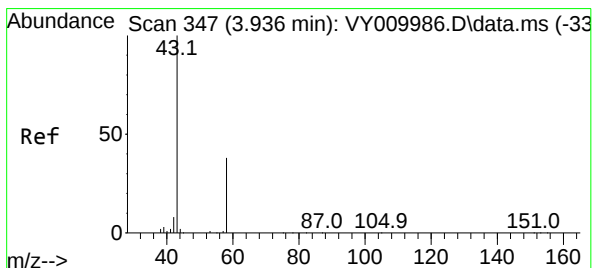
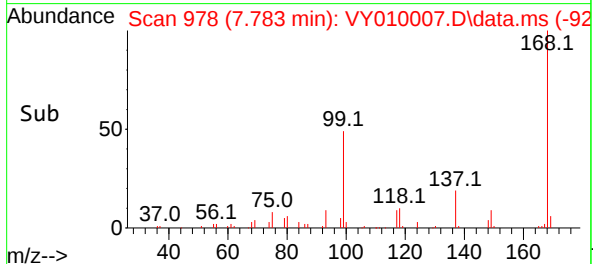
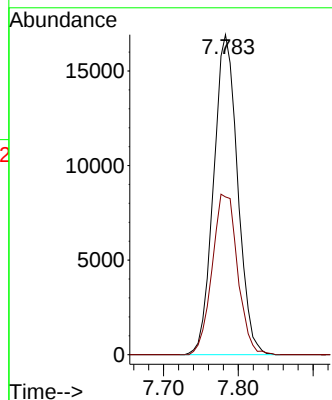
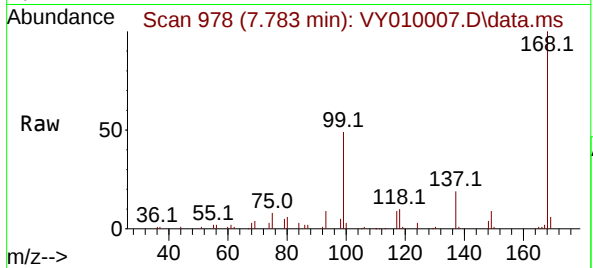




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

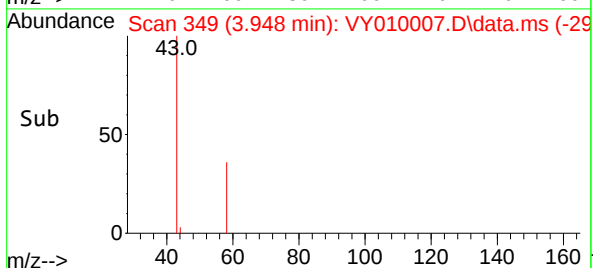
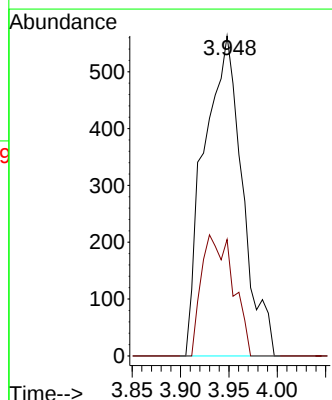
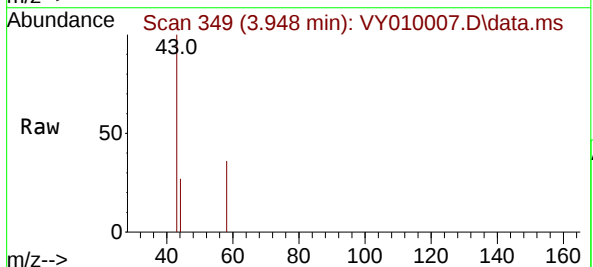
Instrument :
MSVOA_Y
ClientSampleId :
SB19

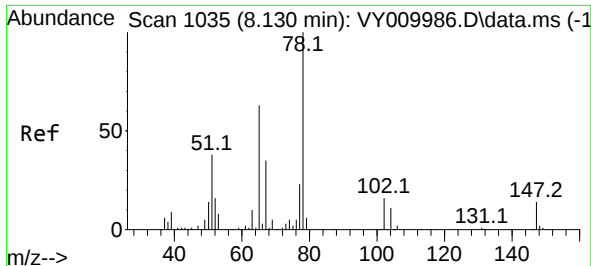
Tgt Ion:168 Resp: 37770
Ion Ratio Lower Upper
168 100
99 49.3 42.1 63.1



#16
Acetone
Concen: 16.790 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 36.4 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

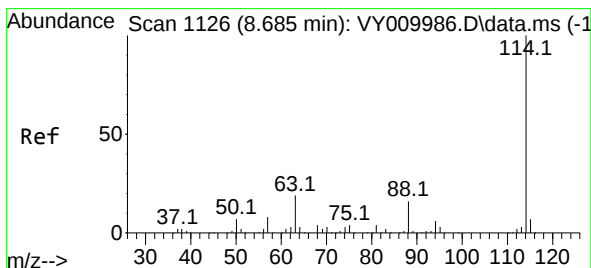
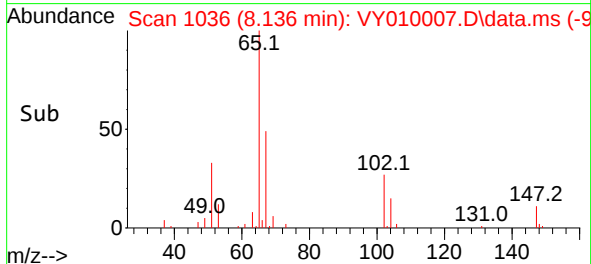
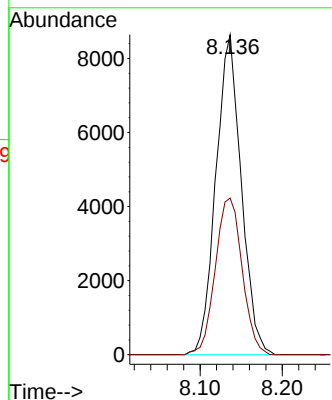
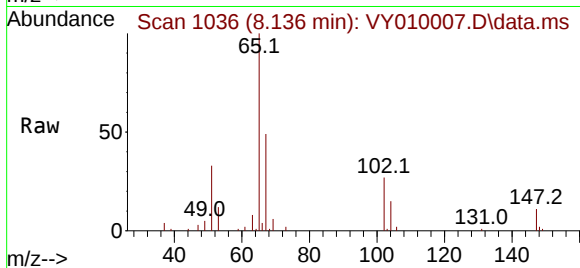
SB19

Tgt Ion: 65 Resp: 18510

Ion Ratio Lower Upper

65 100

67 51.8 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: VY010007.D

Acq: 14 Aug 2022 19:03

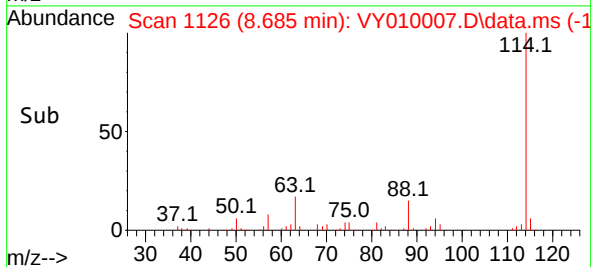
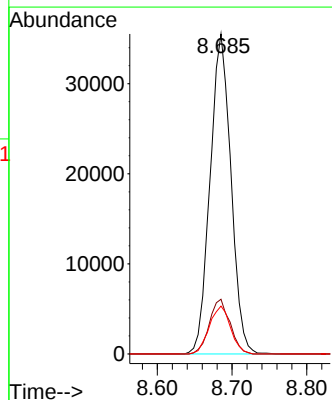
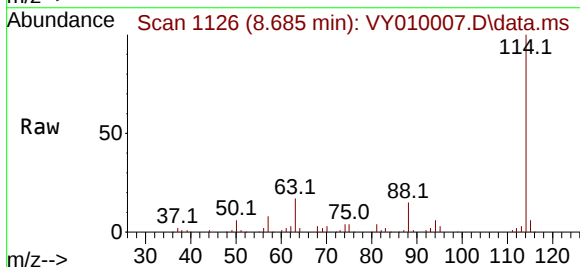
Tgt Ion: 114 Resp: 68822

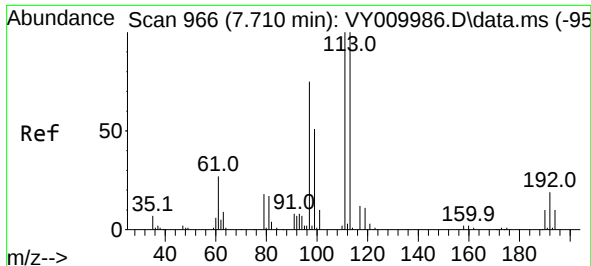
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.0

88 15.0 0.0 30.0

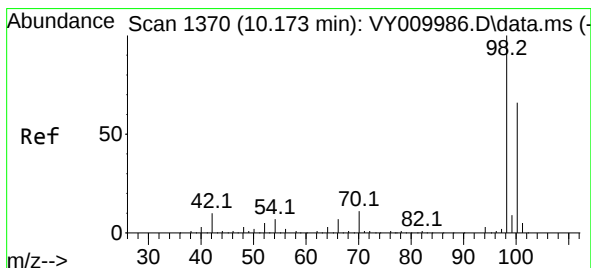
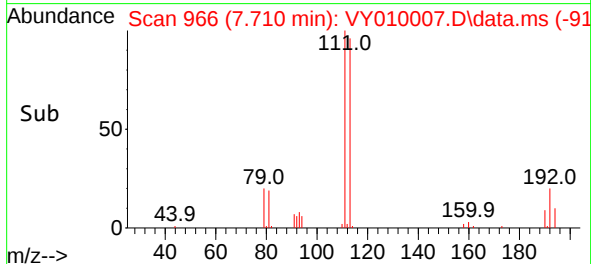
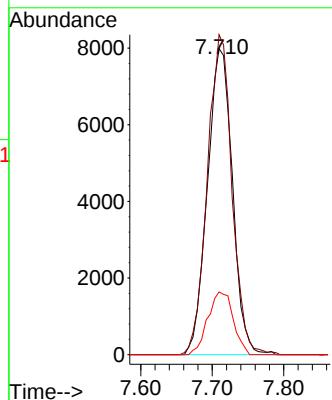
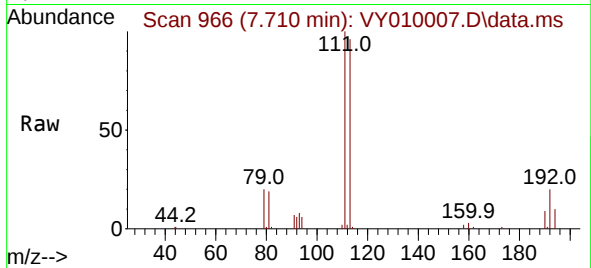




#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

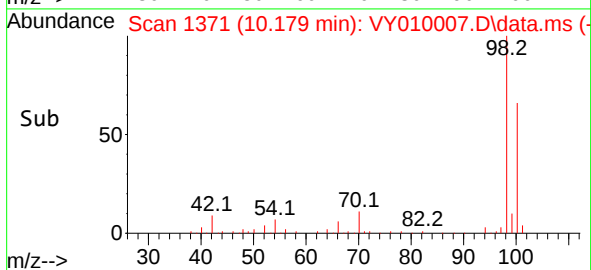
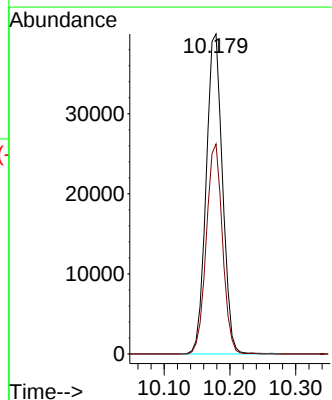
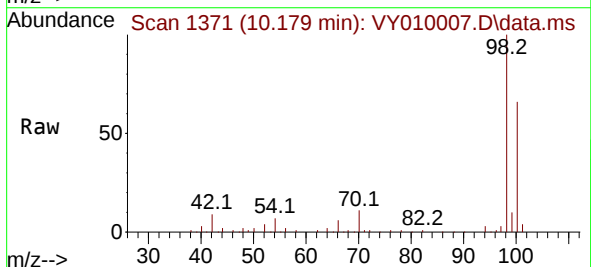
Instrument :
MSVOA_Y
ClientSampleId :
SB19

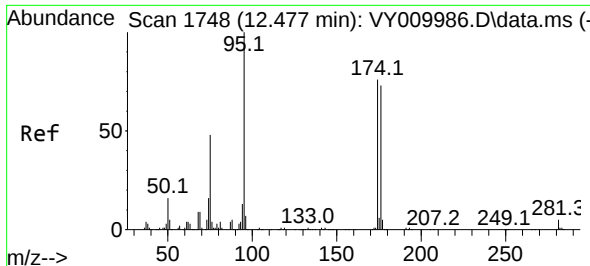
Tgt Ion:113 Resp: 19441
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 20.7 16.2 24.4



#50
Toluene-d8
Concen: 42.787 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 98 Resp: 69056
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

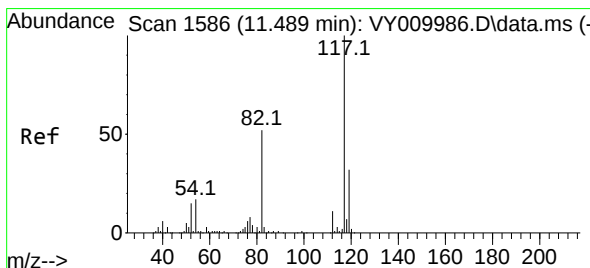
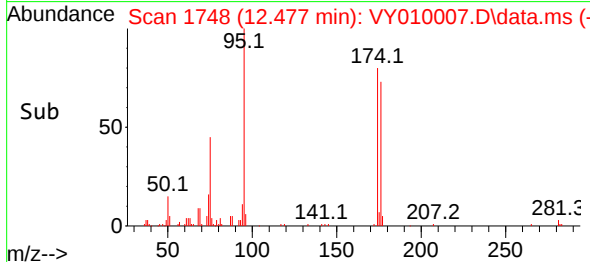
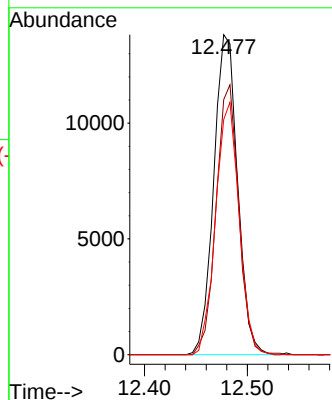
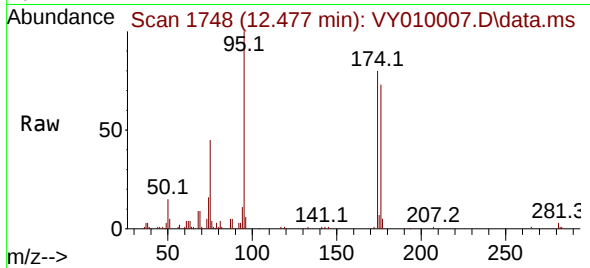




#62
4-Bromofluorobenzene
Concen: 37.637 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

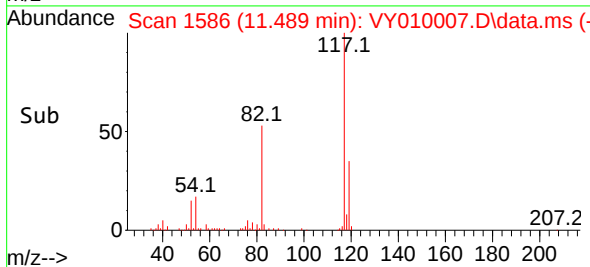
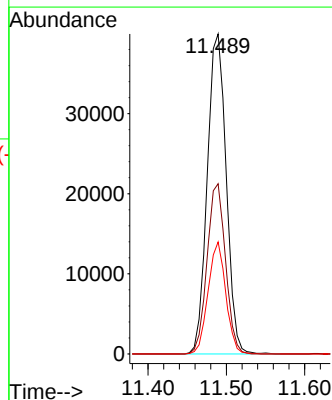
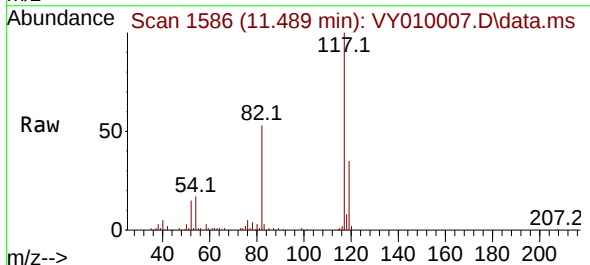
Instrument :
MSVOA_Y
ClientSampleId :
SB19

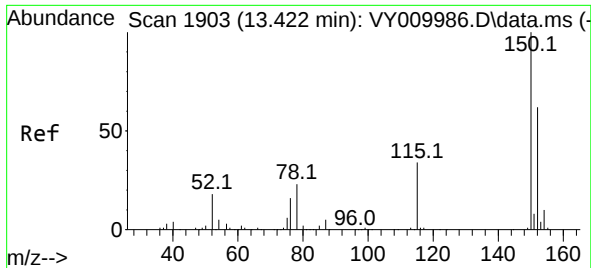
Tgt Ion: 95 Resp: 22256
Ion Ratio Lower Upper
95 100
174 79.8 0.0 173.8
176 77.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 117 Resp: 67006
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 35.0 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: VY010007.D

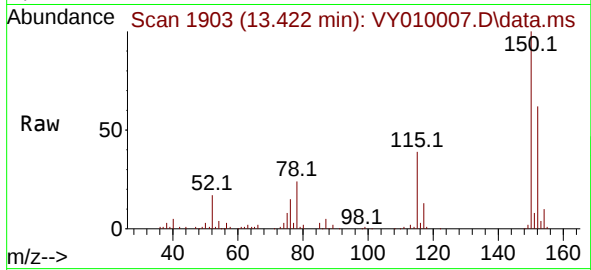
Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

SB19



Tgt Ion:152 Resp: 28019

Ion Ratio Lower Upper

152 100

115 59.8 28.6 85.9

150 160.4 0.0 349.8

