

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009065.D
 Acq On : 24 May 2022 16:29
 Operator : KP/MD
 Sample : N2981-01
 Misc : 3.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13(0.5-1)

Quant Time: May 25 02:54:56 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)

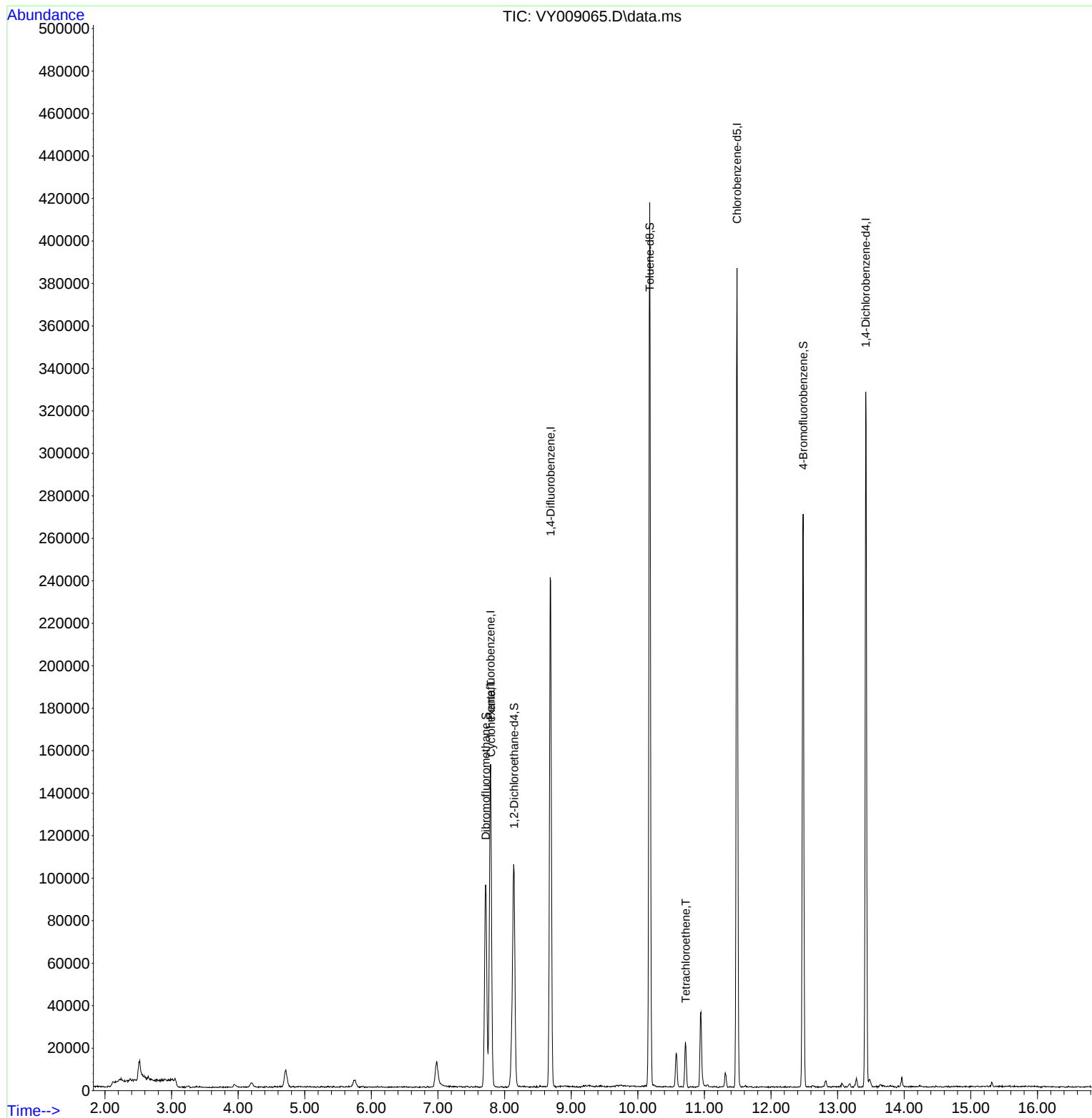
Internal Standards						
1) Pentafluorobenzene	7.789	168	114218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69453	59.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.160%
35) Dibromofluoromethane	7.716	113	65027	50.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.100%
50) Toluene-d8	10.179	98	256966	54.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.483	95	71852	37.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.080%
Target Compounds						
						Qvalue
31) Cyclohexane	7.795	56	3132	1.362	ug/l	# 66
64) Tetrachloroethene	10.721	164	4365	3.074	ug/l	88

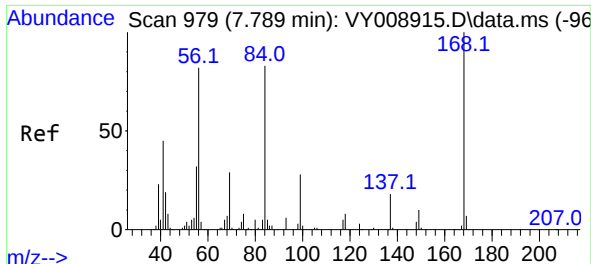
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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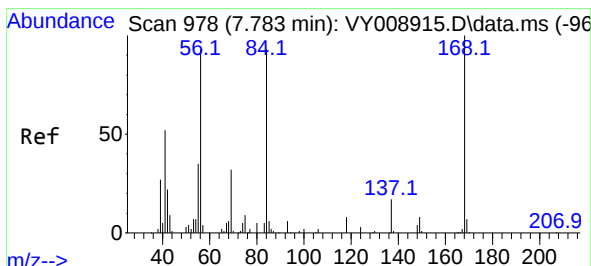
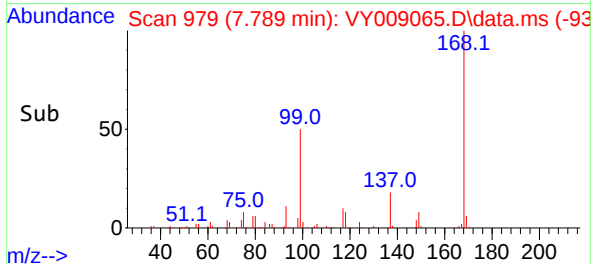
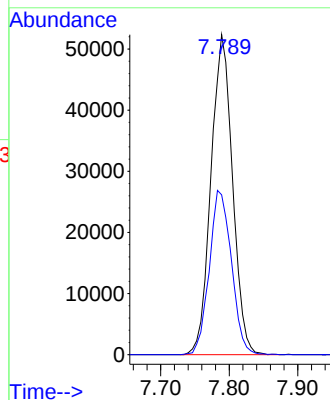
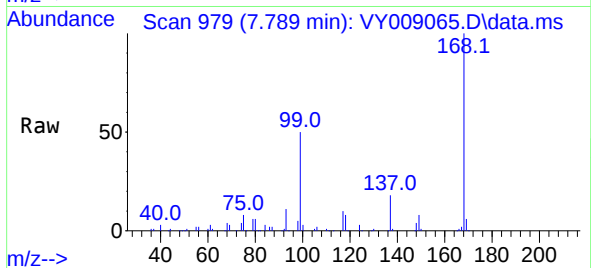




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

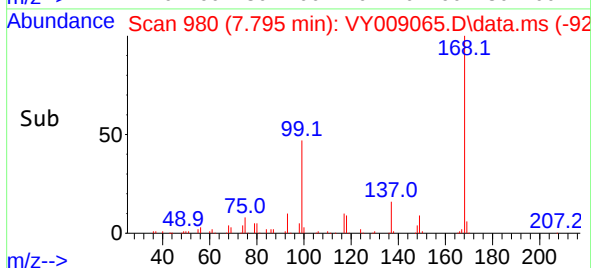
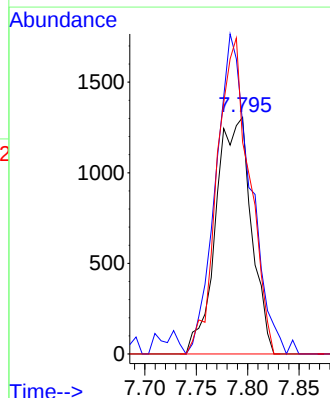
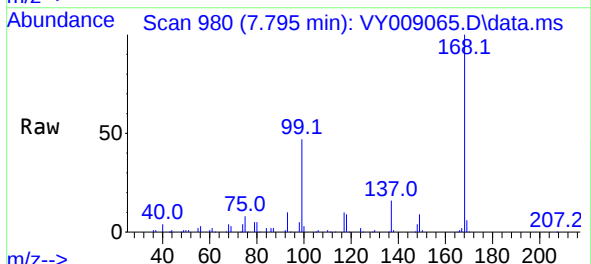
Instrument :
MSVOA_Y
ClientSampleId :
SB-13(0.5-1)

Tgt Ion:168 Resp: 114218
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 93.5 26.7 40.1#
84 89.5 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 59.083 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009065.D

Acq: 24 May 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

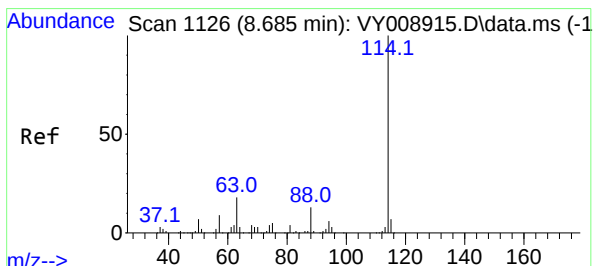
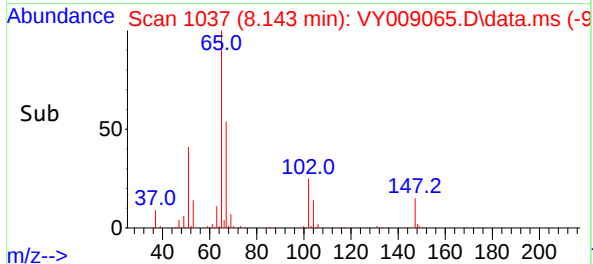
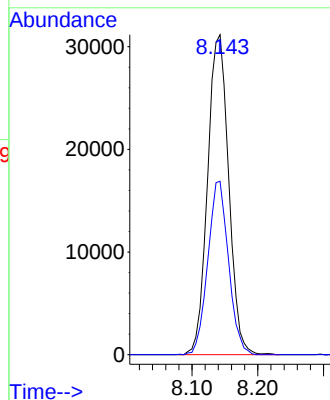
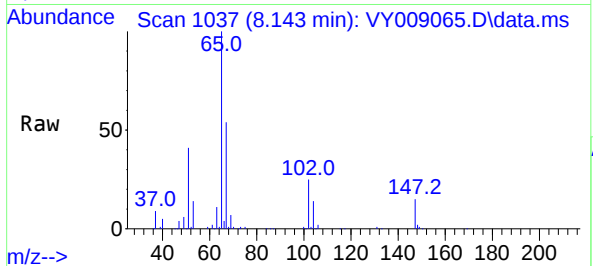
SB-13(0.5-1)

Tgt Ion: 65 Resp: 69453

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009065.D

Acq: 24 May 2022 16:29

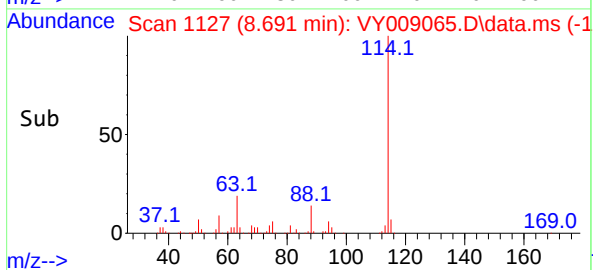
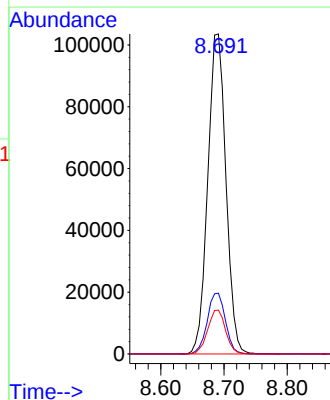
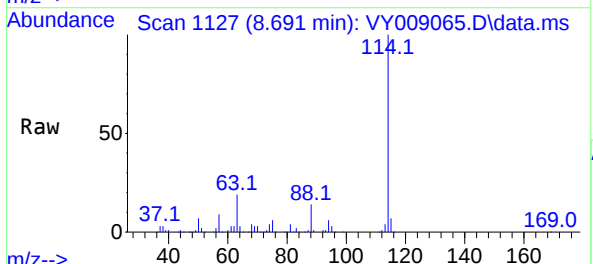
Tgt Ion: 114 Resp: 206857

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.7 0.0 31.8

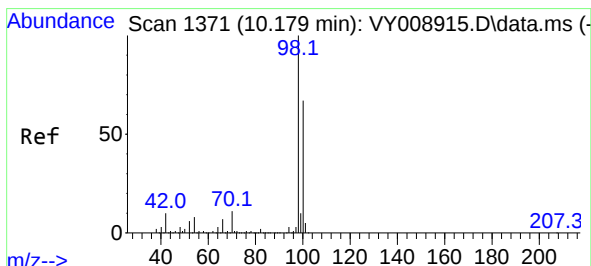
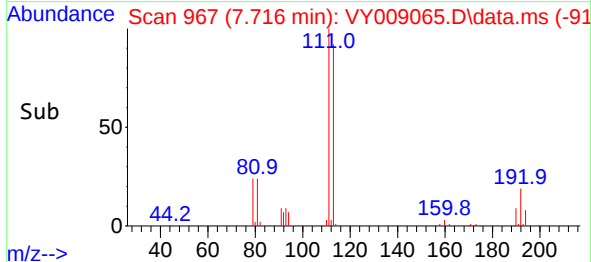
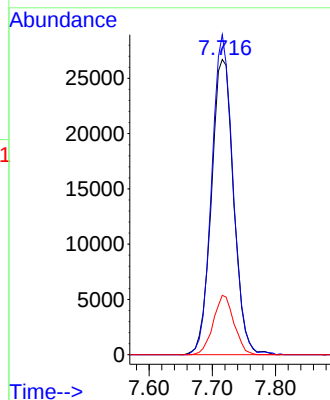
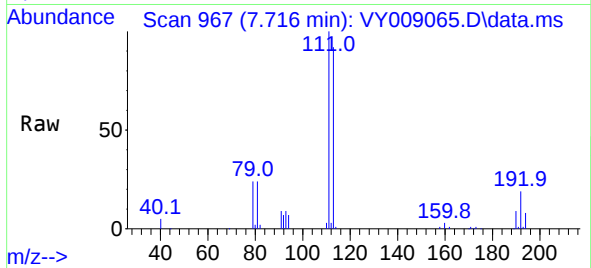




#35
Dibromofluoromethane
Concen: 50.553 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

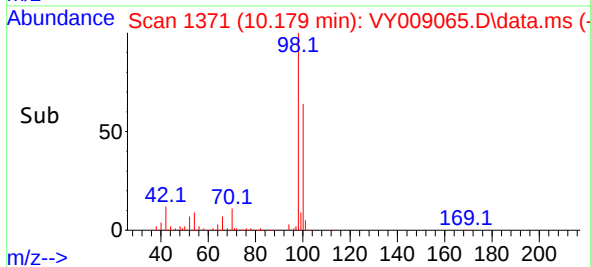
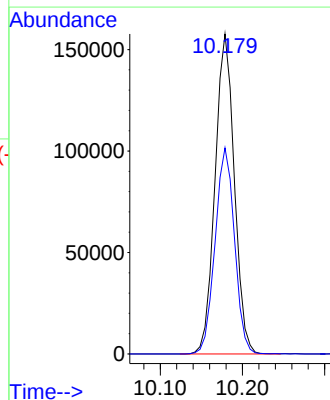
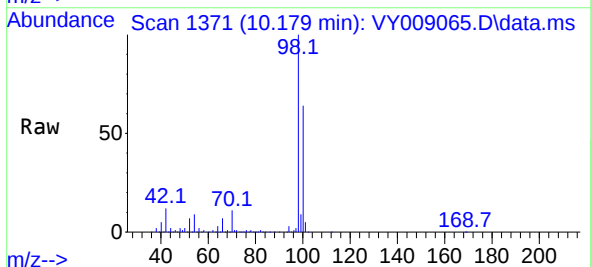
Instrument :
MSVOA_Y
ClientSampleId :
SB-13(0.5-1)

Tgt Ion:113 Resp: 65027
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 54.150 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

Tgt Ion: 98 Resp: 256966
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

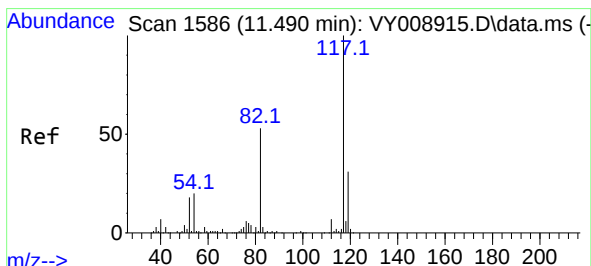
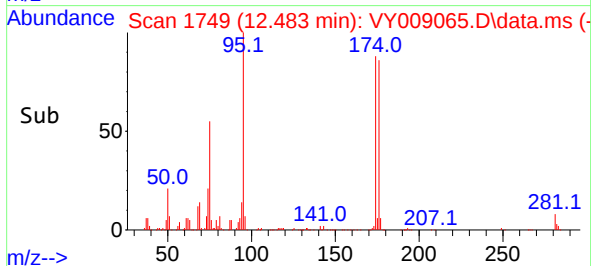
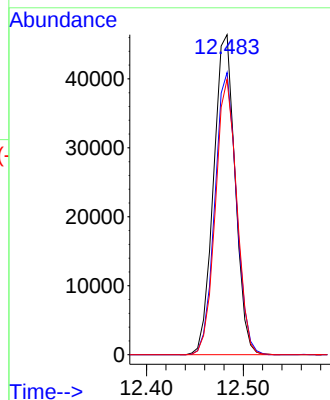
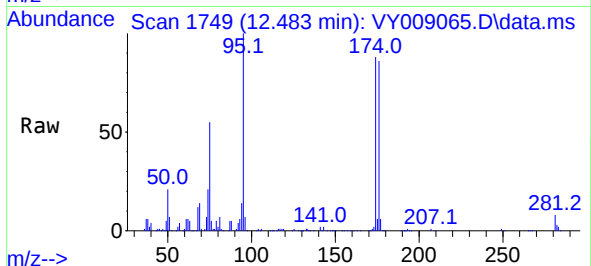




#62
4-Bromofluorobenzene
Concen: 37.535 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

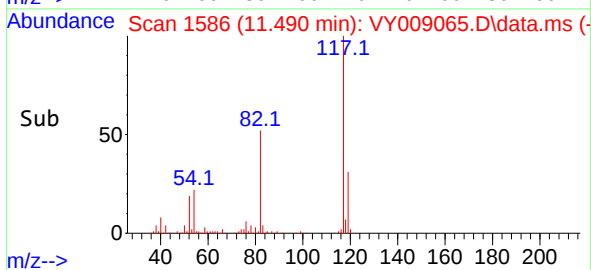
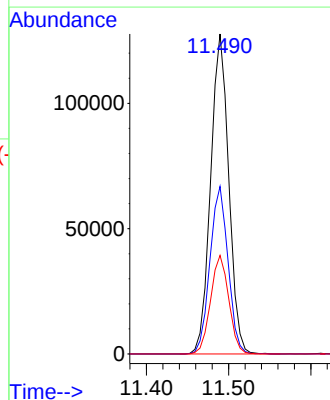
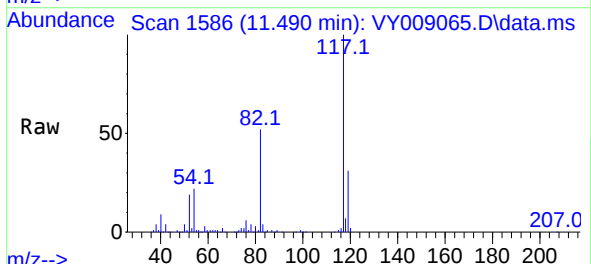
Instrument :
MSVOA_Y
ClientSampleId :
SB-13(0.5-1)

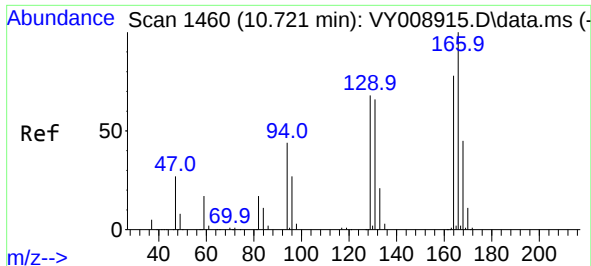
Tgt Ion: 95 Resp: 71852
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

Tgt Ion: 117 Resp: 195081
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 30.8 25.4 38.0

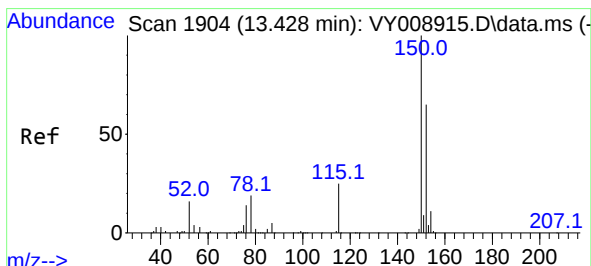
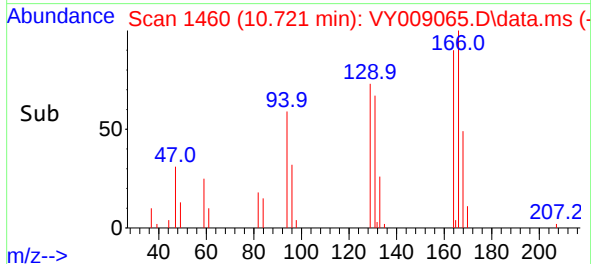
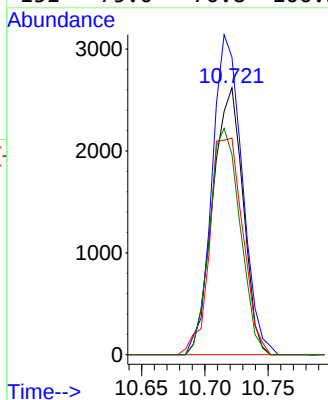
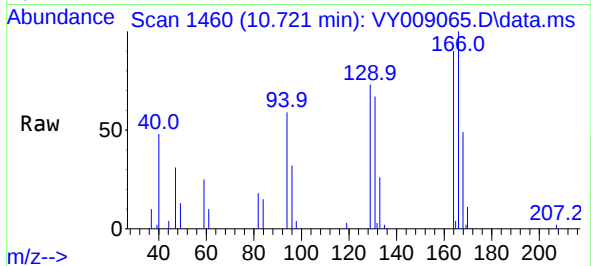




#64
Tetrachloroethene
Concen: 3.074 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-13(0.5-1)

Tgt Ion:	164	Resp:	4365
Ion	Ratio	Lower	Upper
164	100		
166	111.4	100.4	150.6
129	81.2	71.4	107.0
131	75.0	70.8	106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009065.D
Acq: 24 May 2022 16:29

Tgt Ion:	152	Resp:	77696
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	157.3	0.0	347.6

