

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009077.D
 Acq On : 24 May 2022 21:10
 Operator : KP/MD
 Sample : N2981-10
 Misc : 3.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(2-2.5)

Quant Time: May 25 02:57:40 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)

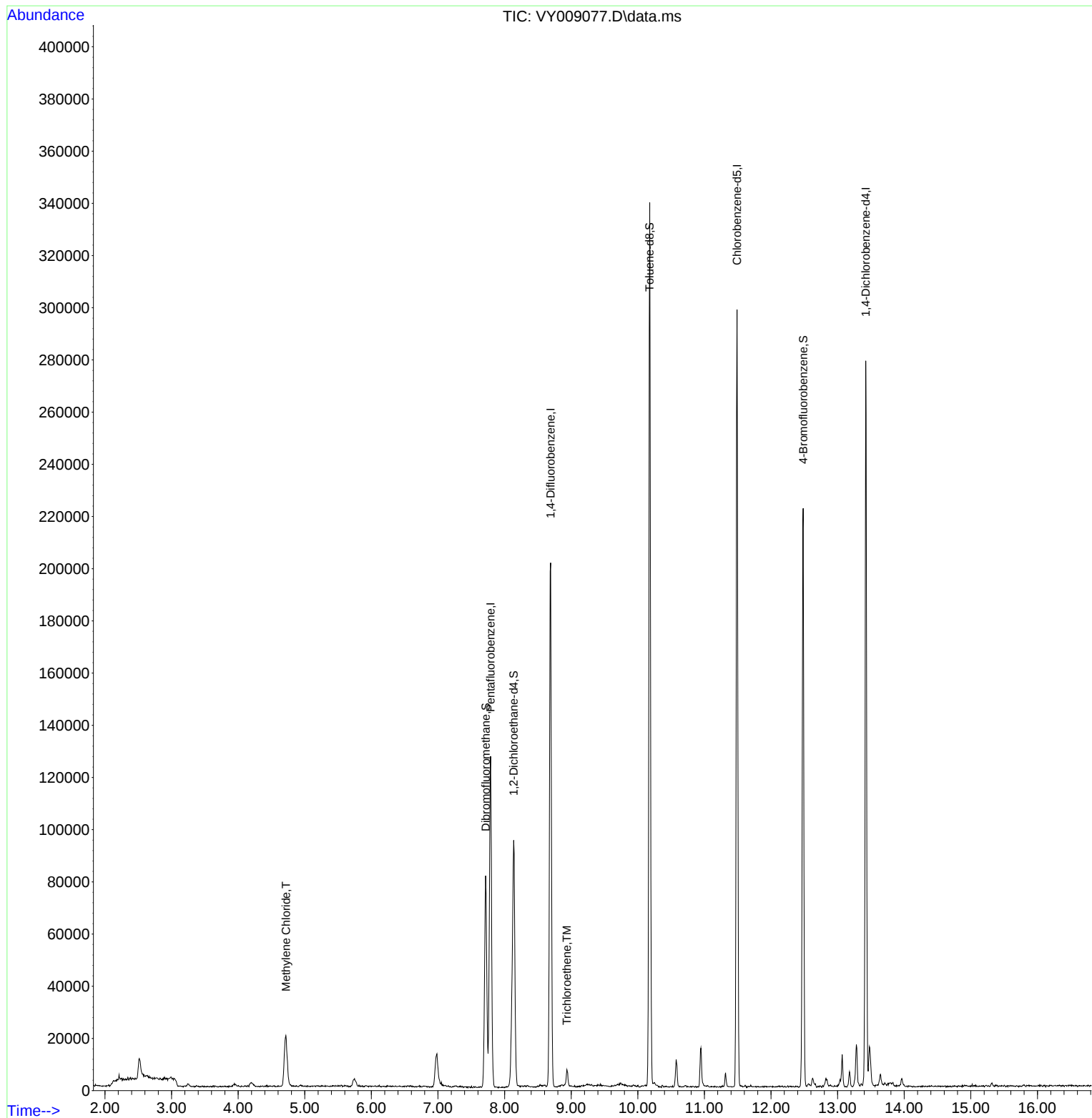
Internal Standards						
1) Pentafluorobenzene	7.789	168	94489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56761	58.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.740%
35) Dibromofluoromethane	7.716	113	53100	50.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.179	98	207808	53.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.483	95	57355	36.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.220%
Target Compounds						
20) Methylene Chloride	4.716	84	14711	5.892	ug/l	84
44) Trichloroethene	8.935	130	1958	1.432	ug/l	91

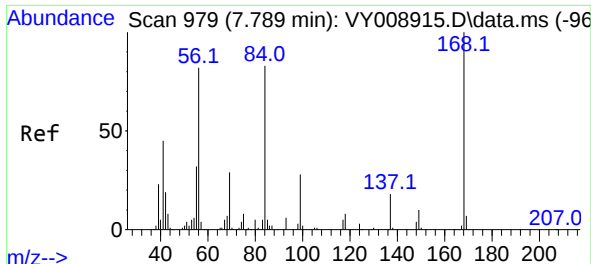
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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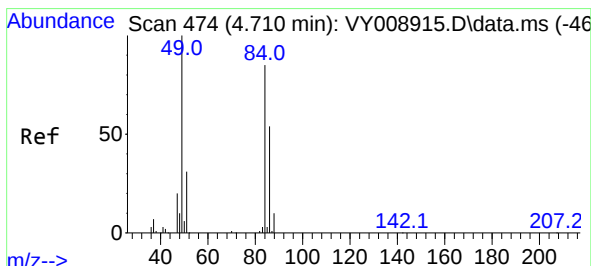
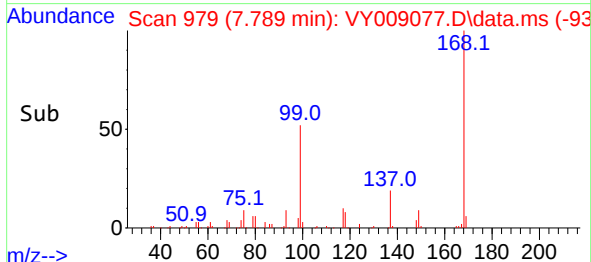
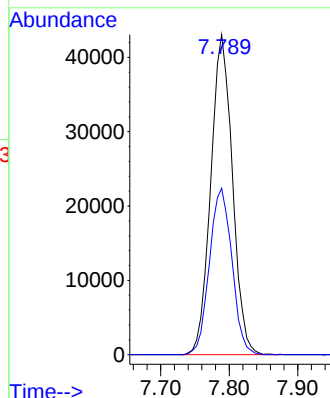
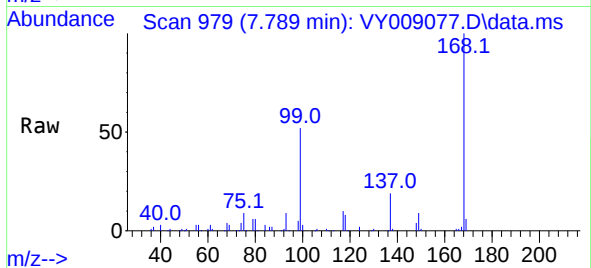




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

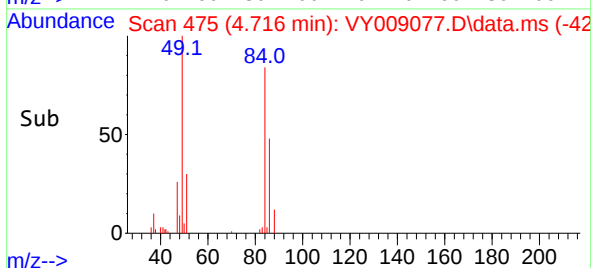
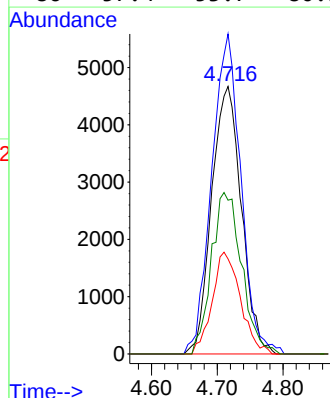
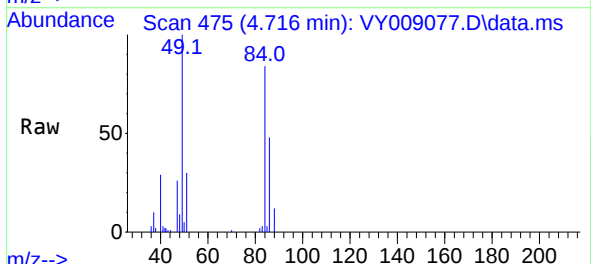
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

Tgt Ion:168 Resp: 94489
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#20
Methylene Chloride
Concen: 5.892 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 84 Resp: 14711
Ion Ratio Lower Upper
84 100
49 119.6 114.4 171.6
51 35.5 35.3 52.9
86 57.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 58.368 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009077.D

Acq: 24 May 2022 21:10

Instrument :

MSVOA_Y

ClientSampleId :

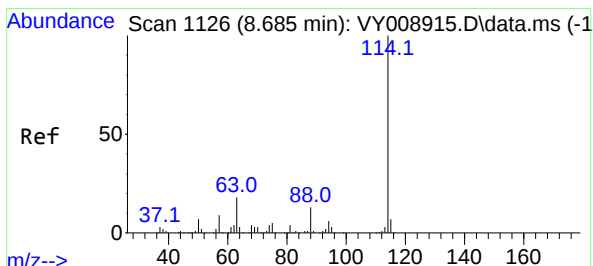
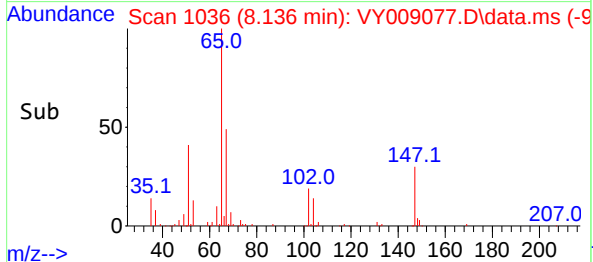
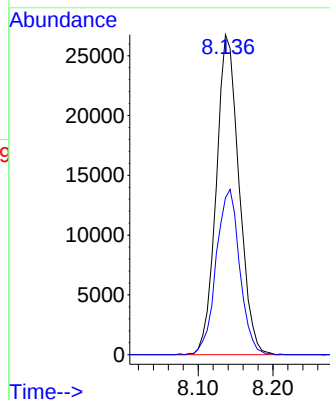
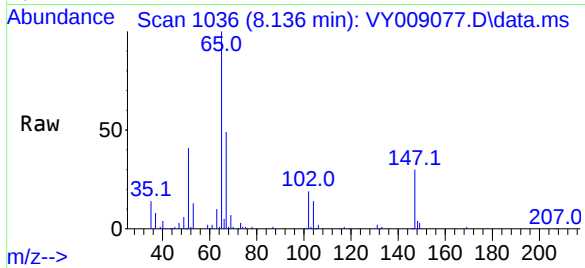
SB-11(2-2.5)

Tgt Ion: 65 Resp: 56761

Ion Ratio Lower Upper

65 100

67 53.5 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: VY009077.D

Acq: 24 May 2022 21:10

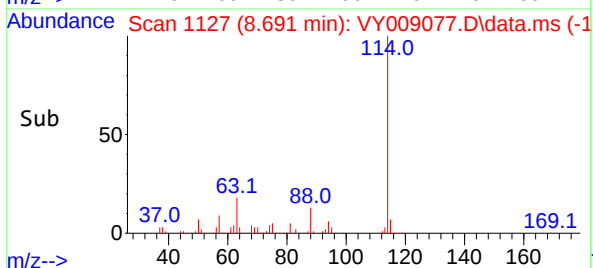
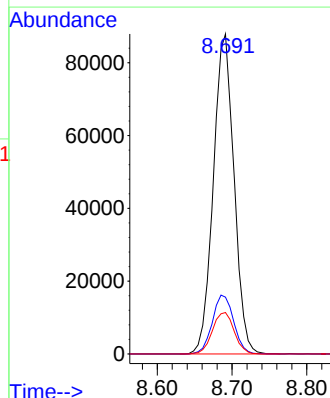
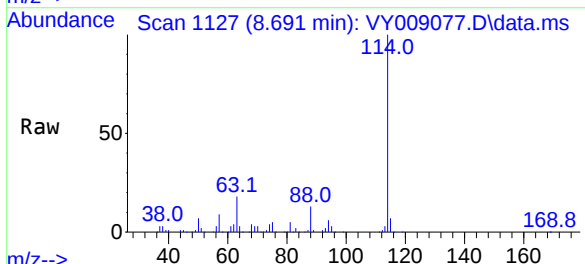
Tgt Ion: 114 Resp: 169273

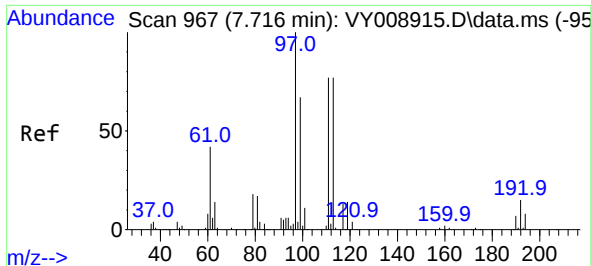
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.0 0.0 31.8

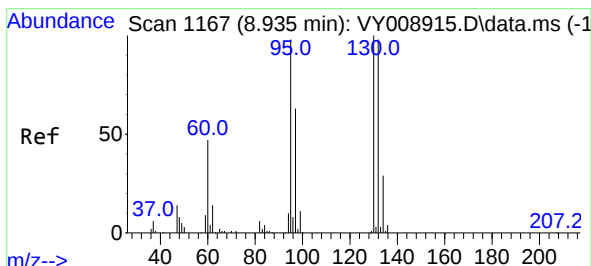
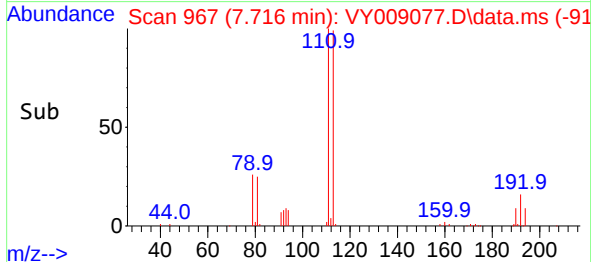
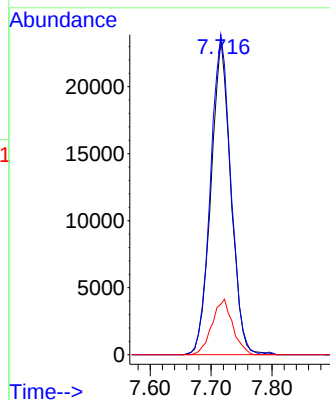
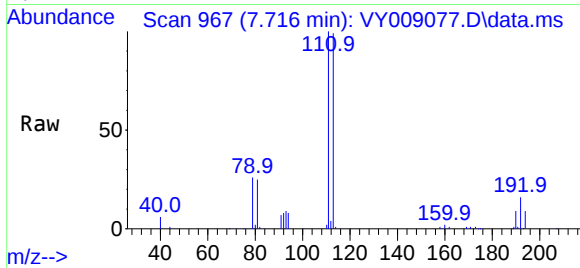




#35
Dibromofluoromethane
Concen: 50.446 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

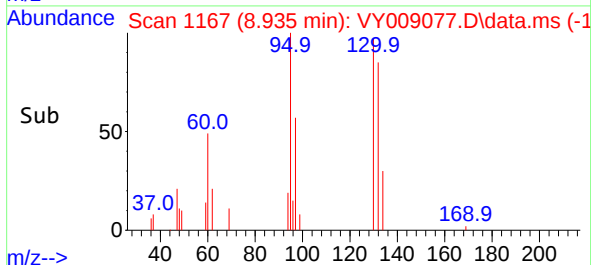
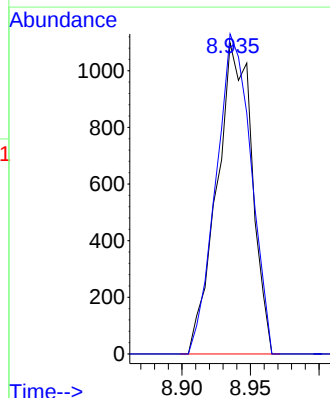
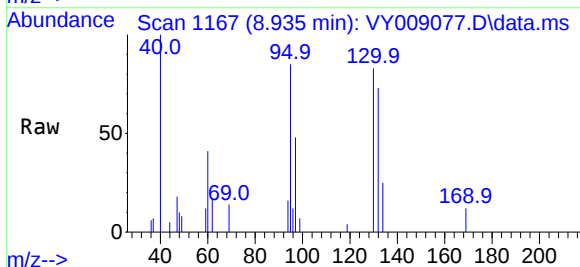
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

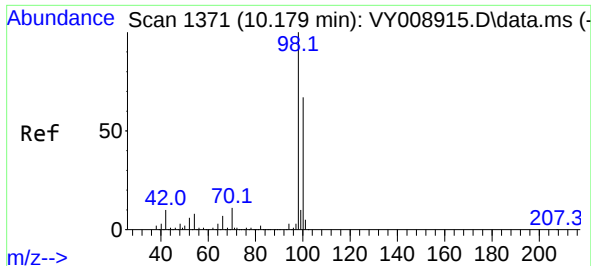
Tgt Ion:113 Resp: 53100
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.4 17.6 26.4



#44
Trichloroethene
Concen: 1.432 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion:130 Resp: 1958
Ion Ratio Lower Upper
130 100
95 102.9 0.0 188.2

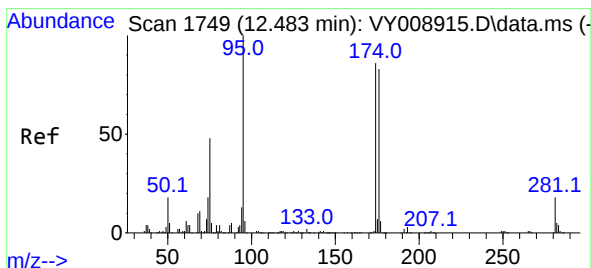
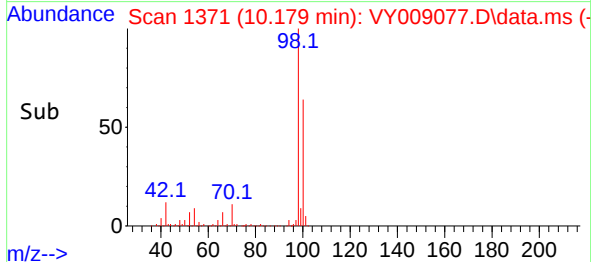
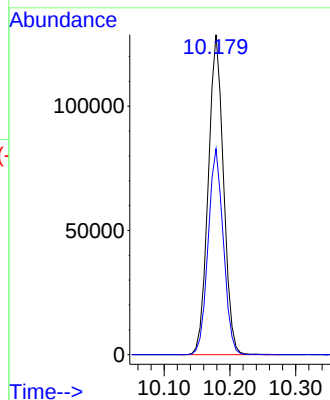
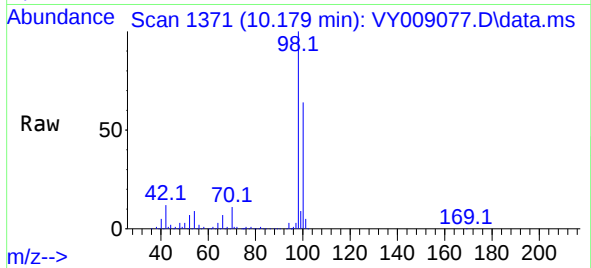




#50
Toluene-d8
Concen: 53.514 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

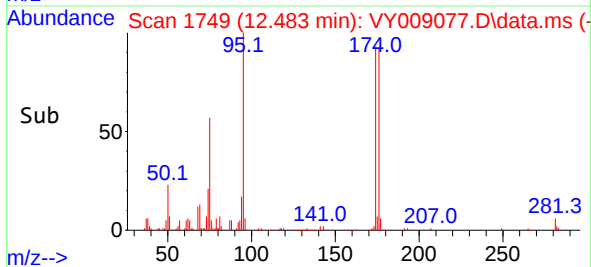
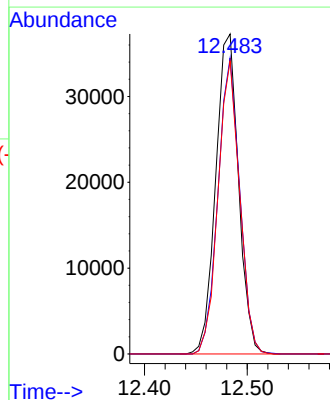
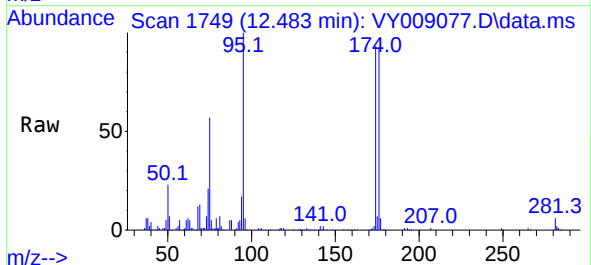
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ClientSampleId :
SB-11(2-2.5)

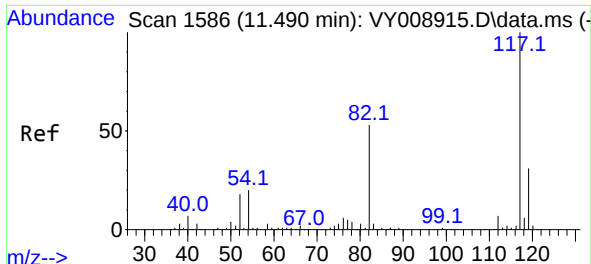
Tgt Ion: 98 Resp: 207808
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion: 95 Resp: 57355
Ion Ratio Lower Upper
95 100
174 88.2 0.0 177.0
176 86.8 0.0 175.8

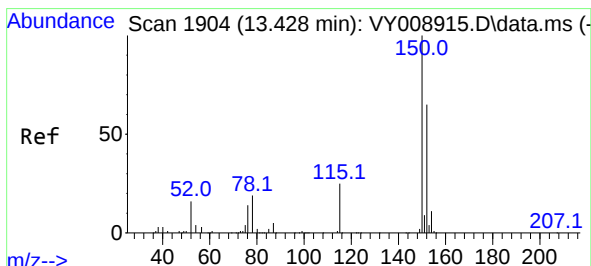
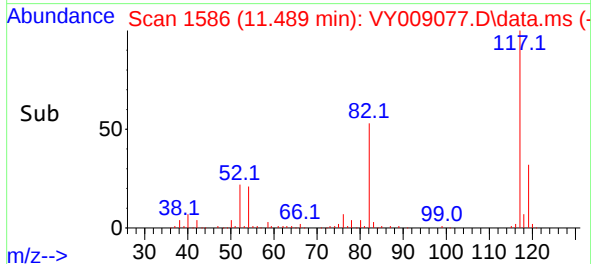
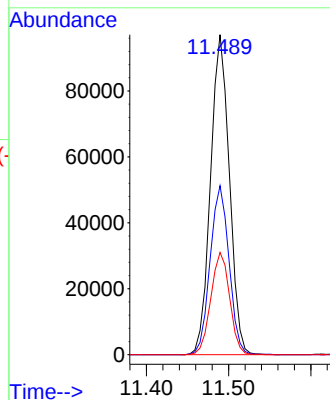
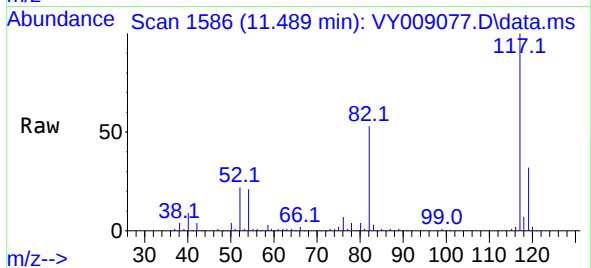




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009077.D
Acq: 24 May 2022 21:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-11(2-2.5)

Tgt Ion:117 Resp: 154482
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 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: VY009077.D
Acq: 24 May 2022 21:10

Tgt Ion:152 Resp: 65039
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.9 0.0 347.6

