

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008187.D
 Acq On : 04 Apr 2022 17:49
 Operator : SY/MD
 Sample : N2220-17
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145

Quant Time: Apr 05 04:42:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

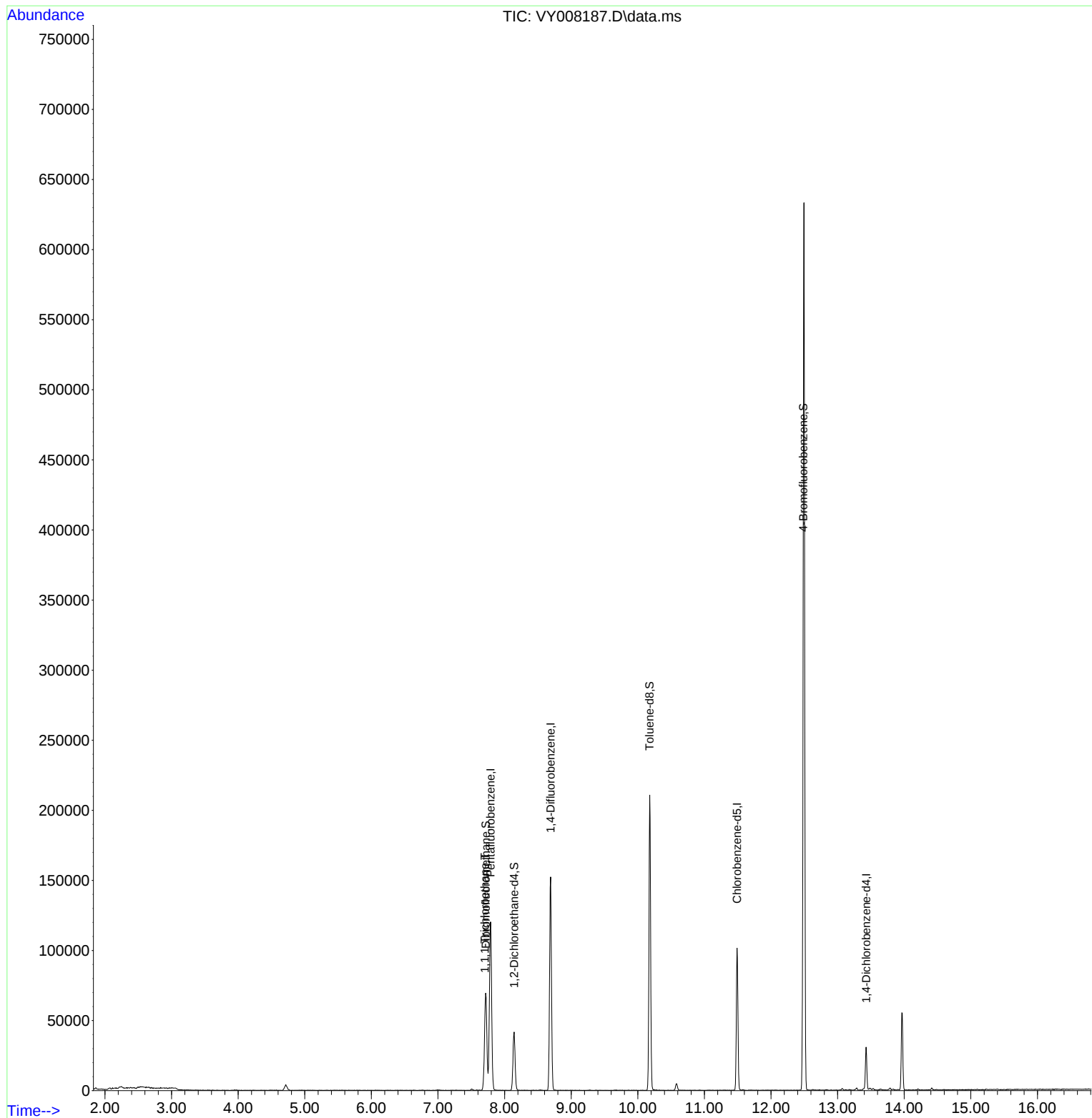
Internal Standards						
1) Pentafluorobenzene	7.789	168	96202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31802	32.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.900%
35) Dibromofluoromethane	7.716	113	46856	54.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.540%
50) Toluene-d8	10.179	98	141621	43.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.880%
62) 4-Bromofluorobenzene	12.483	95	13775	12.114	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	24.220%#
Target Compounds						Qvalue
32) 1,1,1-Trichloroethane	7.704	97	5624	2.939	ug/l	96

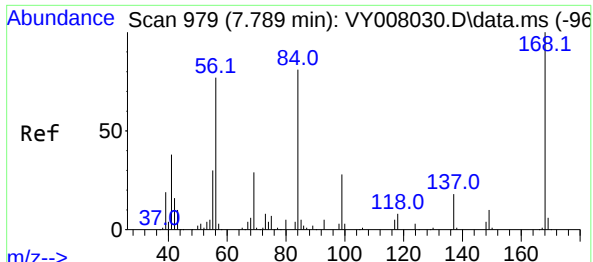
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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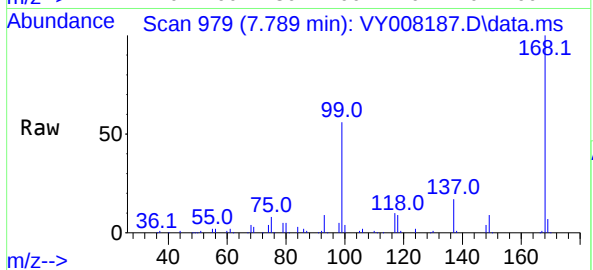
Quant Time: Apr 05 04:42:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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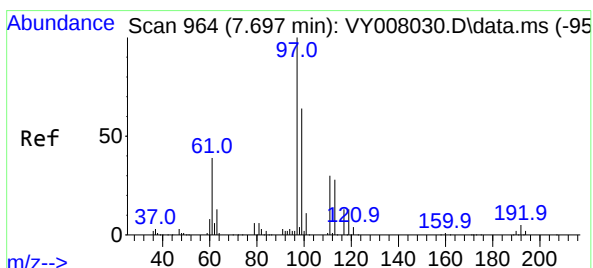
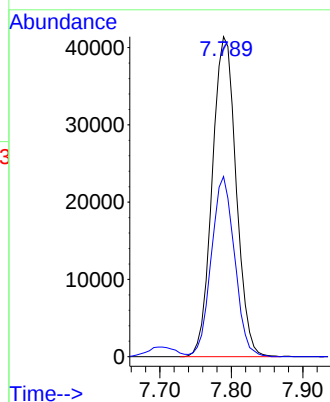
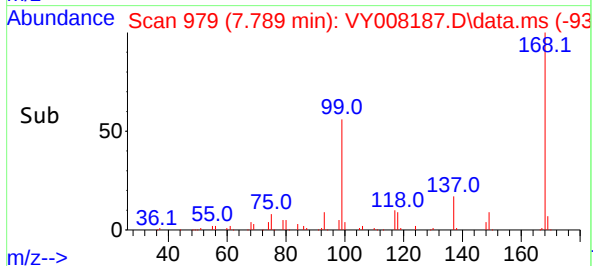


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

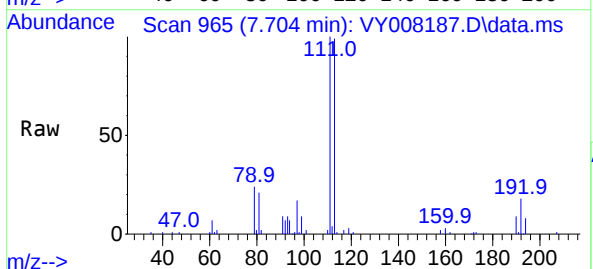
Instrument :
MSVOA_Y
ClientSampleId :
A09145



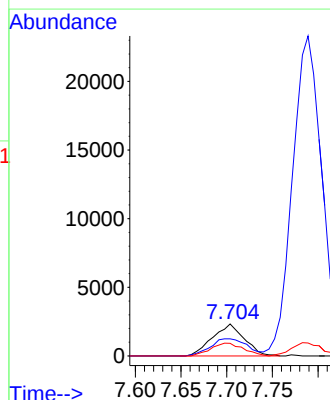
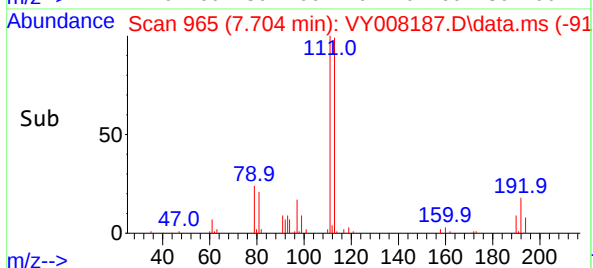
Tgt Ion:168 Resp: 96202
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3

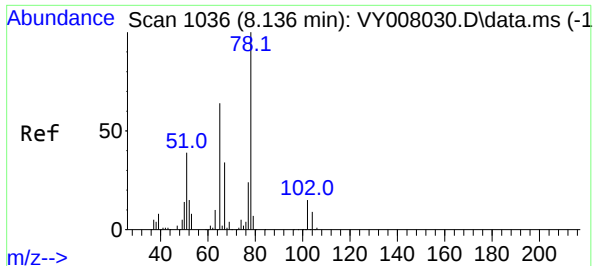


#32
1,1,1-Trichloroethane
Concen: 2.939 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49



Tgt Ion: 97 Resp: 5624
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 41.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 32.949 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008187.D

Acq: 04 Apr 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

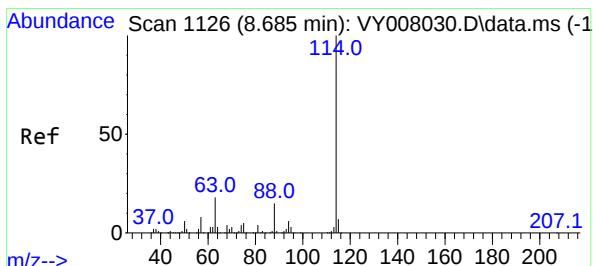
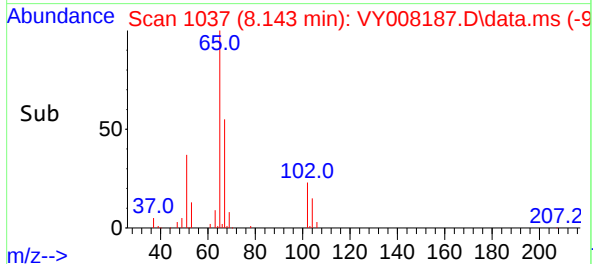
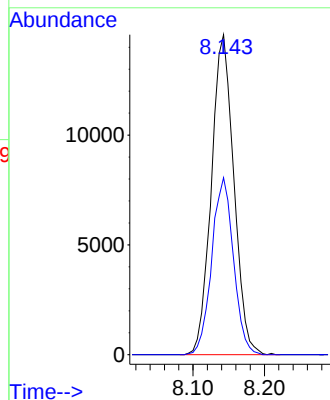
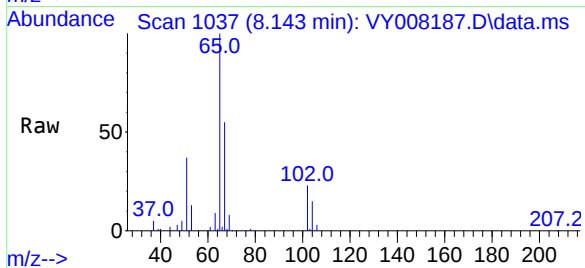
A09145

Tgt Ion: 65 Resp: 31802

Ion Ratio Lower Upper

65 100

67 53.4 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: VY008187.D

Acq: 04 Apr 2022 17:49

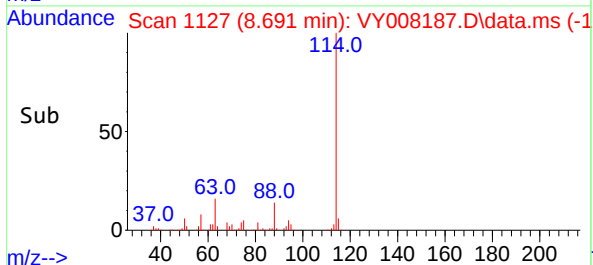
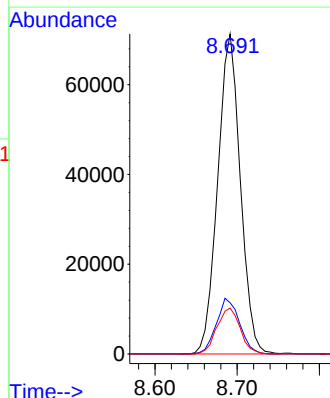
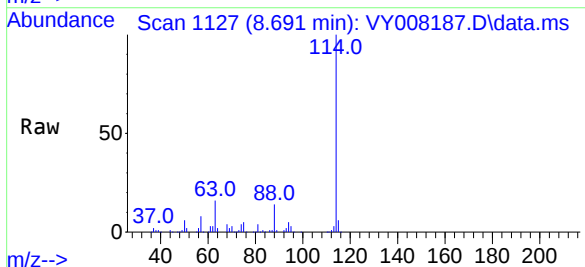
Tgt Ion: 114 Resp: 136453

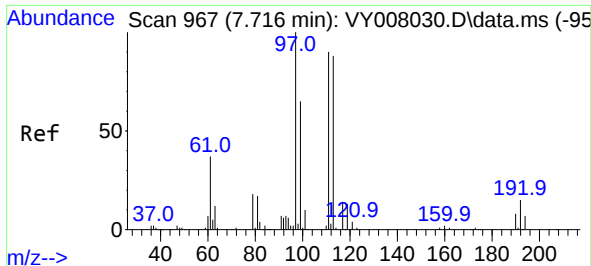
Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.4 0.0 31.8

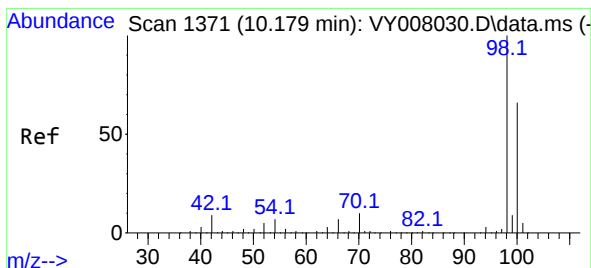
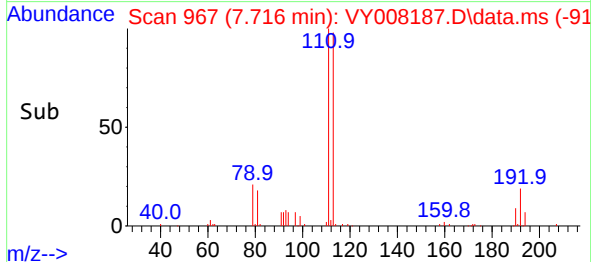
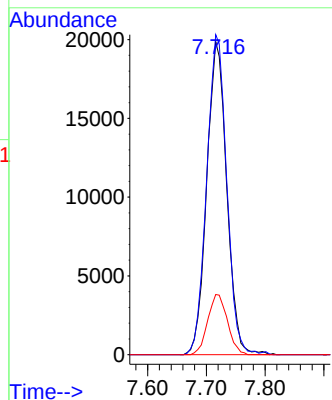
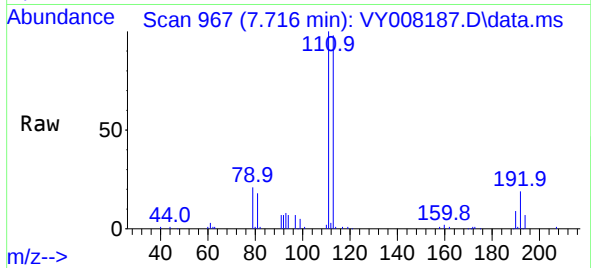




#35
Dibromofluoromethane
Concen: 54.769 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

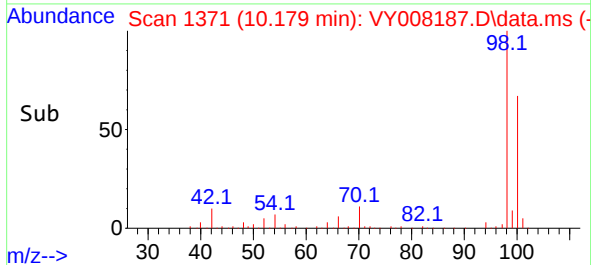
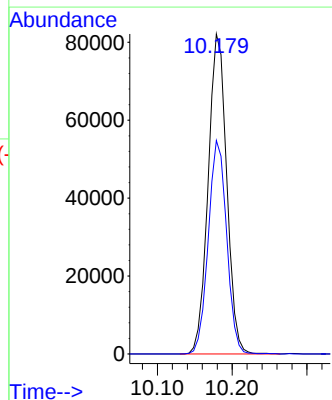
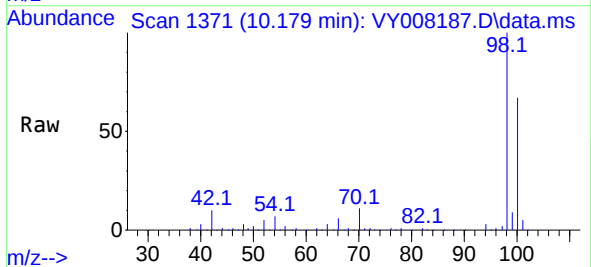
Instrument :
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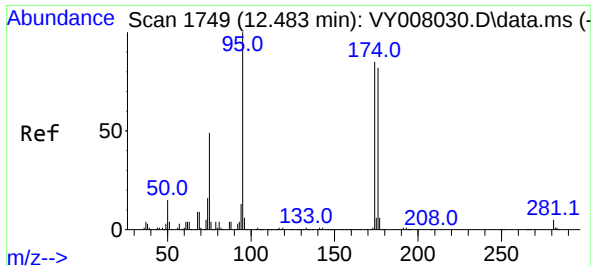
Tgt Ion:113 Resp: 46856
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 43.938 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

Tgt Ion: 98 Resp: 141621
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

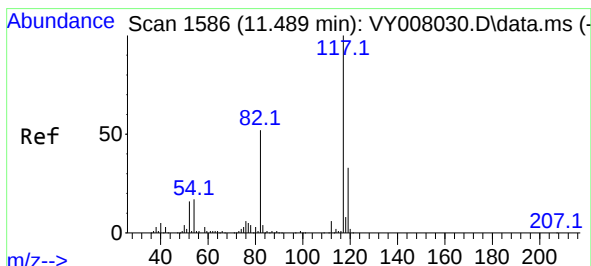
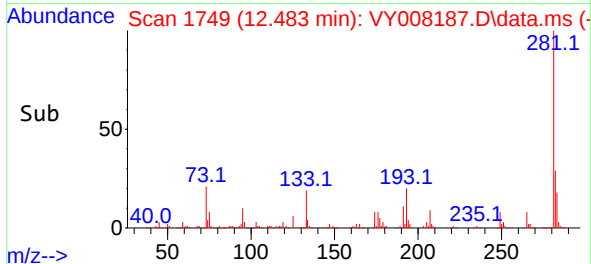
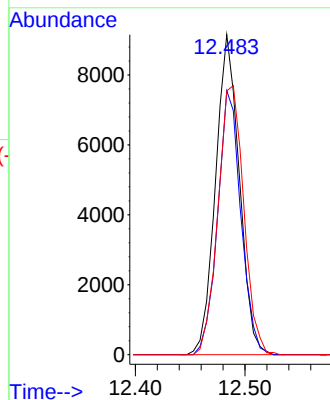
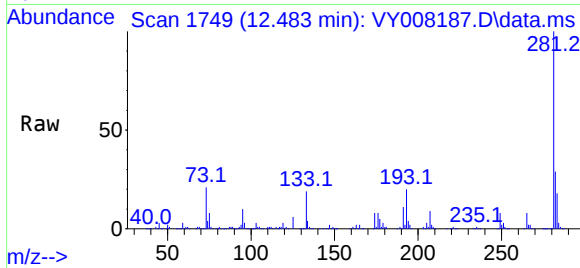




#62
4-Bromofluorobenzene
Concen: 12.114 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

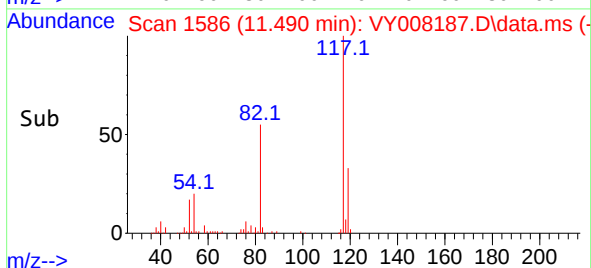
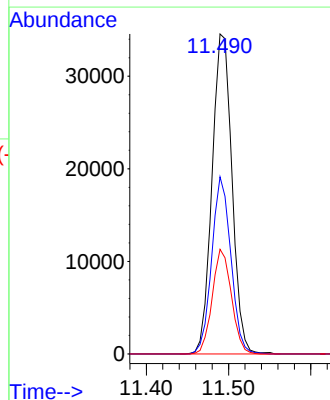
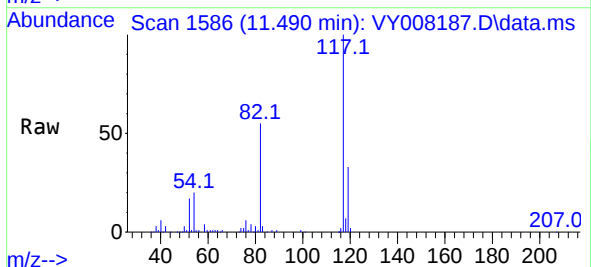
Instrument :
MSVOA_Y
ClientSampleId :
A09145

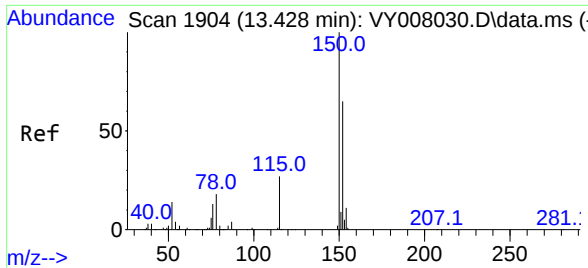
Tgt Ion: 95 Resp: 13775
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 91.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008187.D
Acq: 04 Apr 2022 17:49

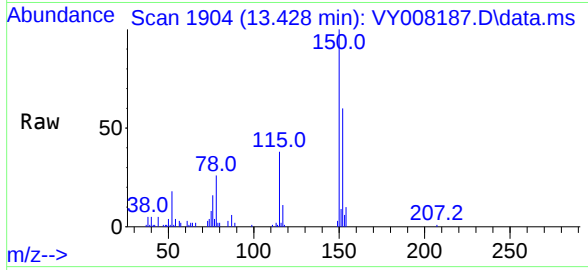
Tgt Ion: 117 Resp: 58262
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008187.D
 Acq: 04 Apr 2022 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09145



Tgt Ion:152 Resp: 7730

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.2	84.7
150	158.9	0.0	347.6

