

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008161.D
 Acq On : 01 Apr 2022 15:17
 Operator : SY/MD
 Sample : N2220-04
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A11105

Quant Time: Apr 02 03:57:17 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)

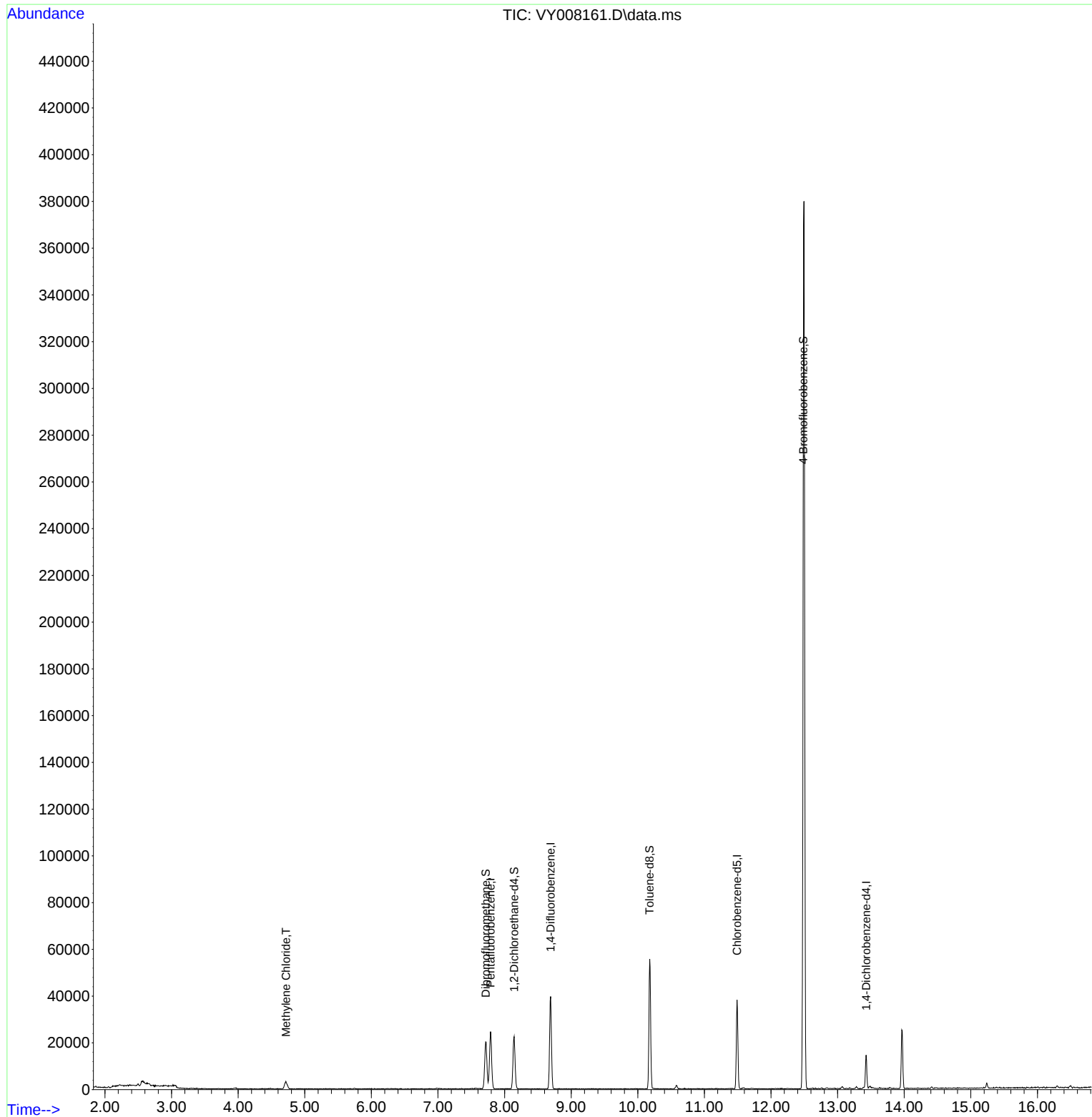
Internal Standards						
1) Pentafluorobenzene	7.789	168	19425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17275	88.639	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	177.280%#	
35) Dibromofluoromethane	7.716	113	14531	64.929	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	129.860%	
50) Toluene-d8	10.179	98	39283	46.590	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	93.180%	
62) 4-Bromofluorobenzene	12.483	95	5813	19.541	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	39.080%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	2521	7.087	ug/l #	76

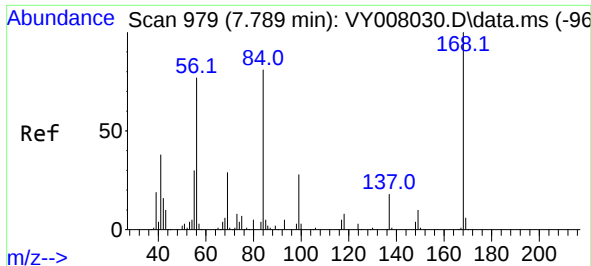
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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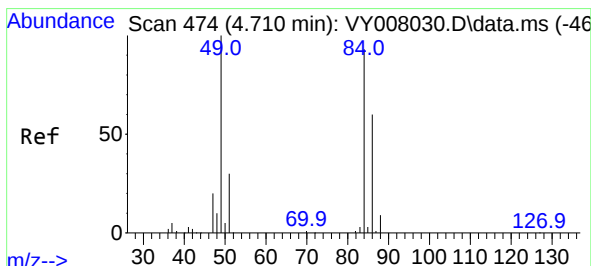
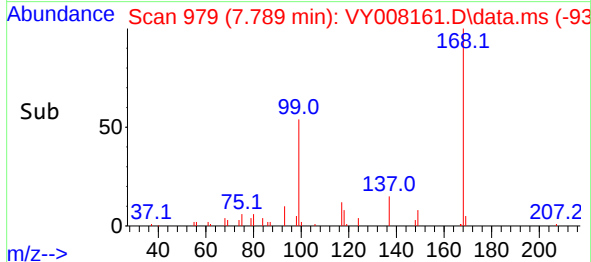
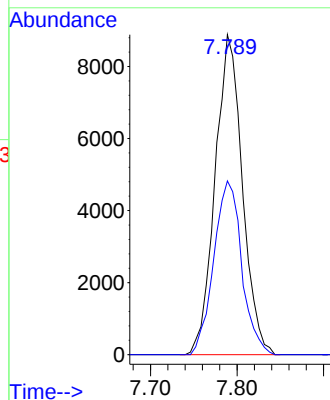
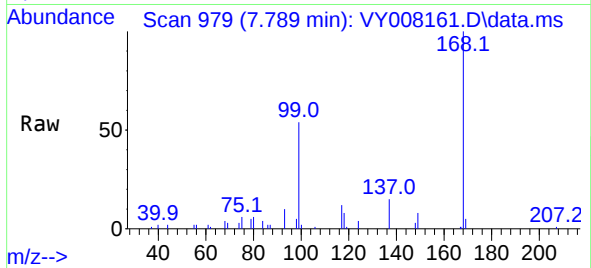




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

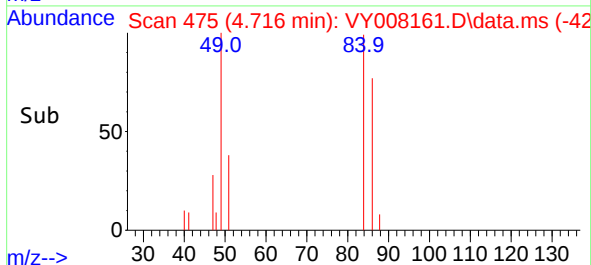
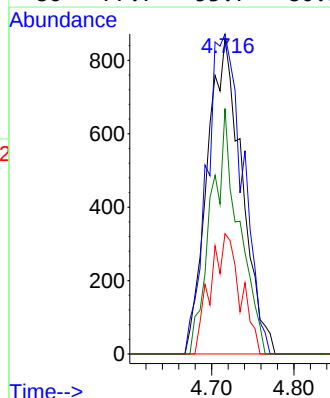
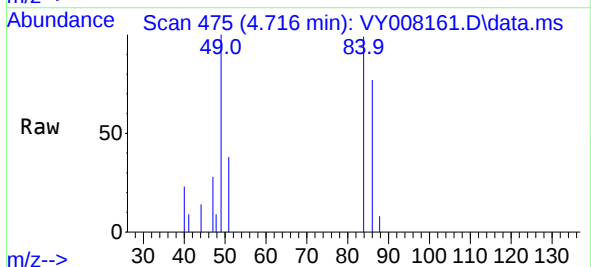
Instrument :
MSVOA_Y
ClientSampleId :
A11105

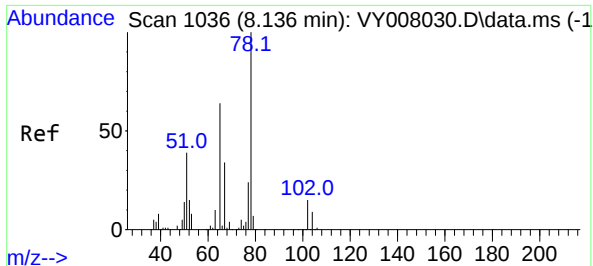
Tgt Ion:168 Resp: 19425
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

Tgt Ion: 84 Resp: 2521
Ion Ratio Lower Upper
84 100
49 101.3 114.4 171.6#
51 38.1 35.3 52.9
86 77.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 88.639 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008161.D

Acq: 01 Apr 2022 15:17

Instrument :

MSVOA_Y

ClientSampleId :

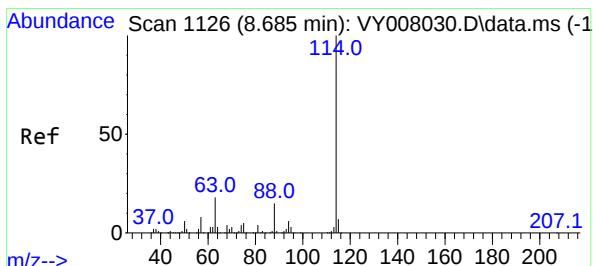
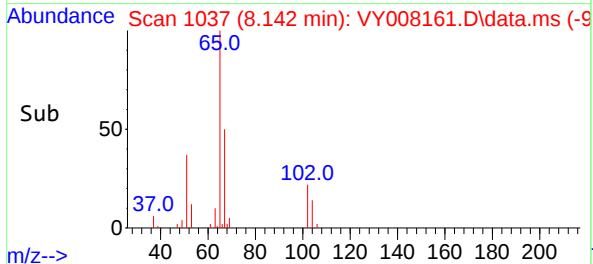
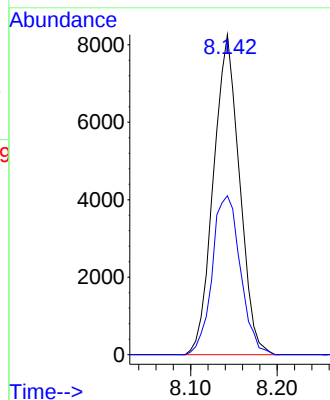
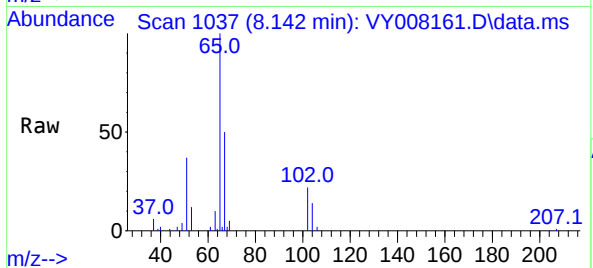
A11105

Tgt Ion: 65 Resp: 17275

Ion Ratio Lower Upper

65 100

67 53.6 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: VY008161.D

Acq: 01 Apr 2022 15:17

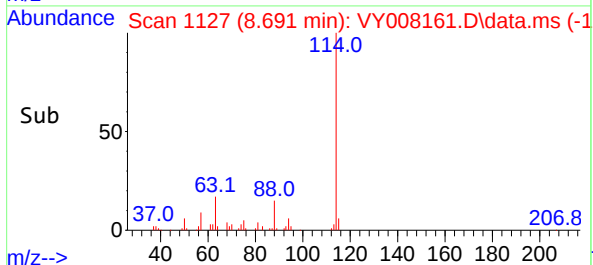
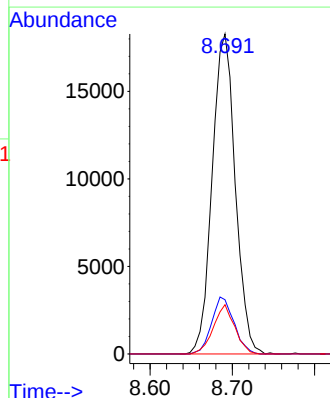
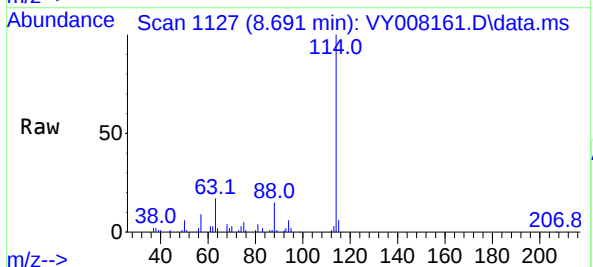
Tgt Ion: 114 Resp: 35695

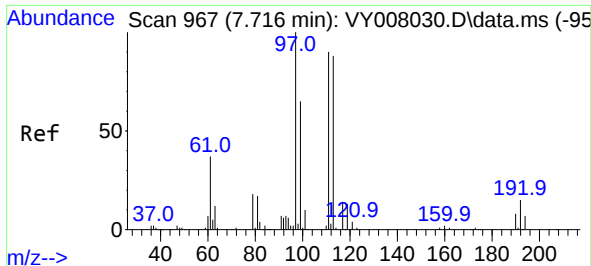
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 15.4 0.0 31.8



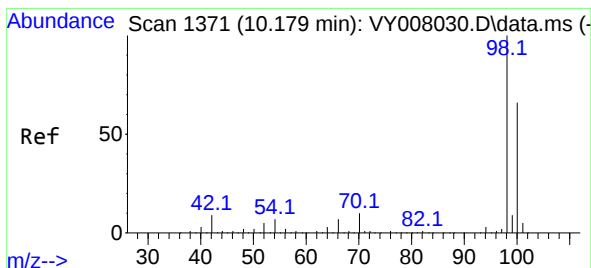
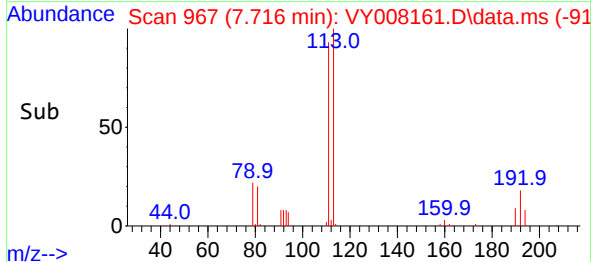
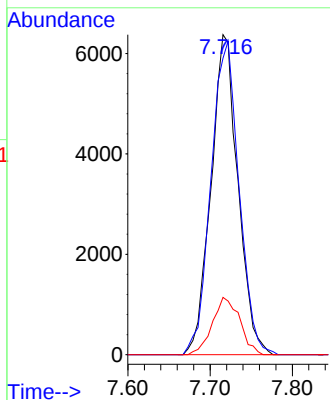
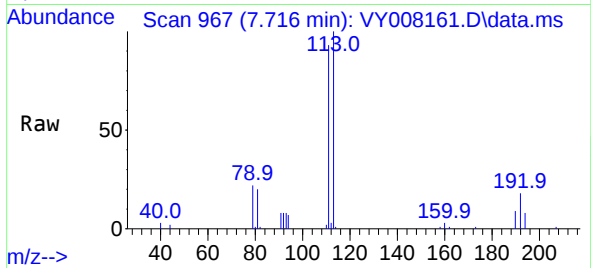


#35
Dibromofluoromethane
Concen: 64.929 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

Instrument :
MSVOA_Y
ClientSampleId :
A11105

Tgt Ion: 113 Resp: 14531

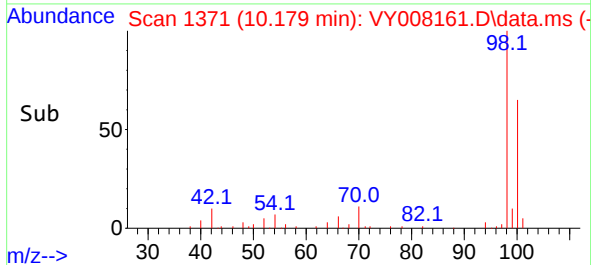
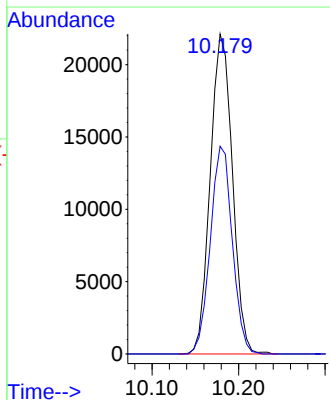
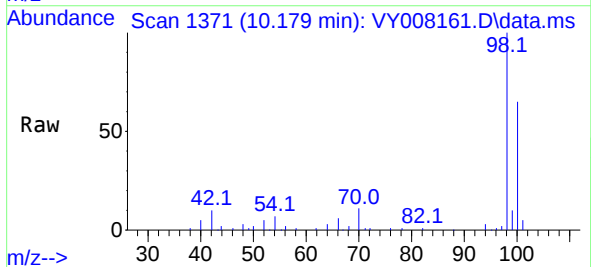
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	18.2	17.6	26.4

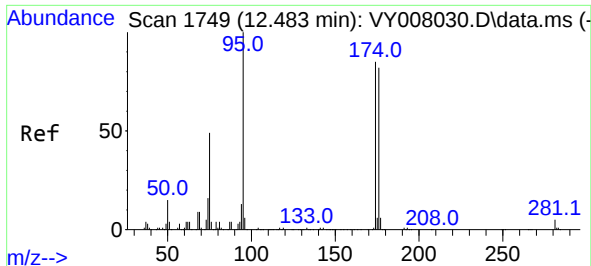


#50
Toluene-d8
Concen: 46.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

Tgt Ion: 98 Resp: 39283

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.2	75.2

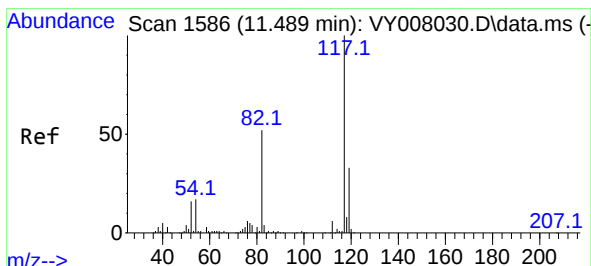
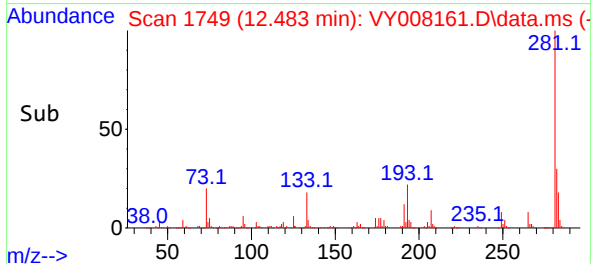
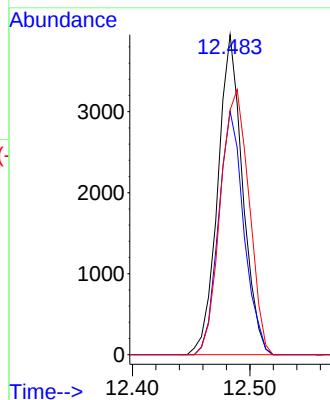
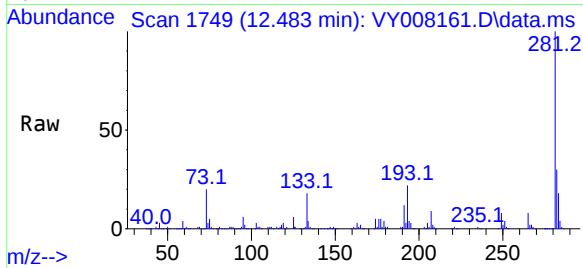




#62
4-Bromofluorobenzene
Concen: 19.541 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

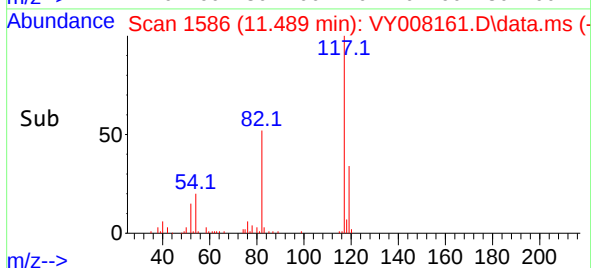
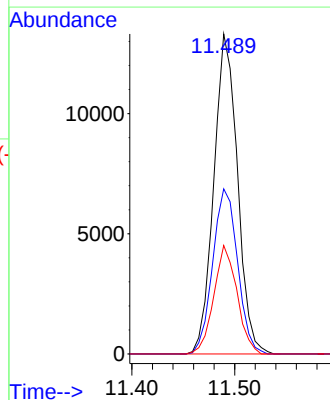
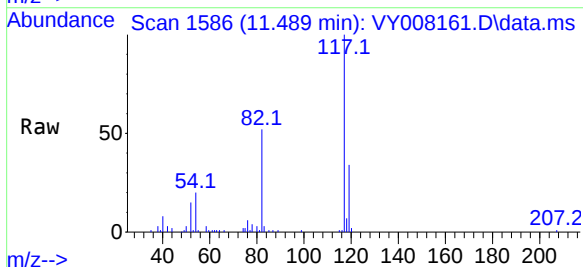
Instrument :
MSVOA_Y
ClientSampleId :
A11105

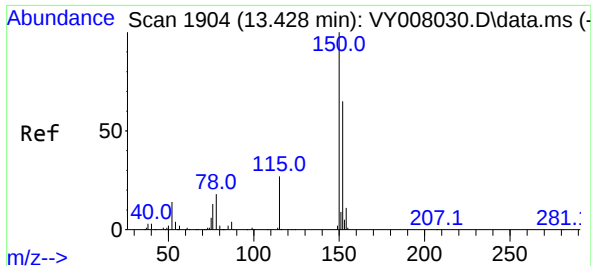
Tgt Ion: 95 Resp: 5813
Ion Ratio Lower Upper
95 100
174 77.3 0.0 177.0
176 95.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008161.D
Acq: 01 Apr 2022 15:17

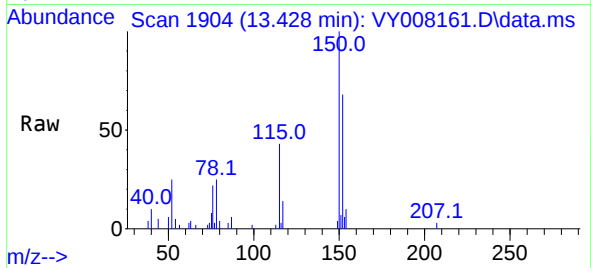
Tgt Ion: 117 Resp: 21287
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 33.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008161.D
 Acq: 01 Apr 2022 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 A11105



Tgt Ion:	152	Resp:	3658
Ion	Ratio	Lower	Upper
152	100		
115	63.3	28.2	84.7
150	160.6	0.0	347.6

