

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011469.D
 Acq On : 16 Nov 2022 13:32
 Operator : KP/MD
 Sample : N5638-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-111522

Quant Time: Nov 17 03:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	2203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1146	62.079	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	124.160%	
35) Dibromofluoromethane	7.722	113	688	37.269	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	74.540%	
50) Toluene-d8	10.185	98	3433	48.679	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.360%	
62) 4-Bromofluorobenzene	12.483	95	401	16.302	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	32.600%	

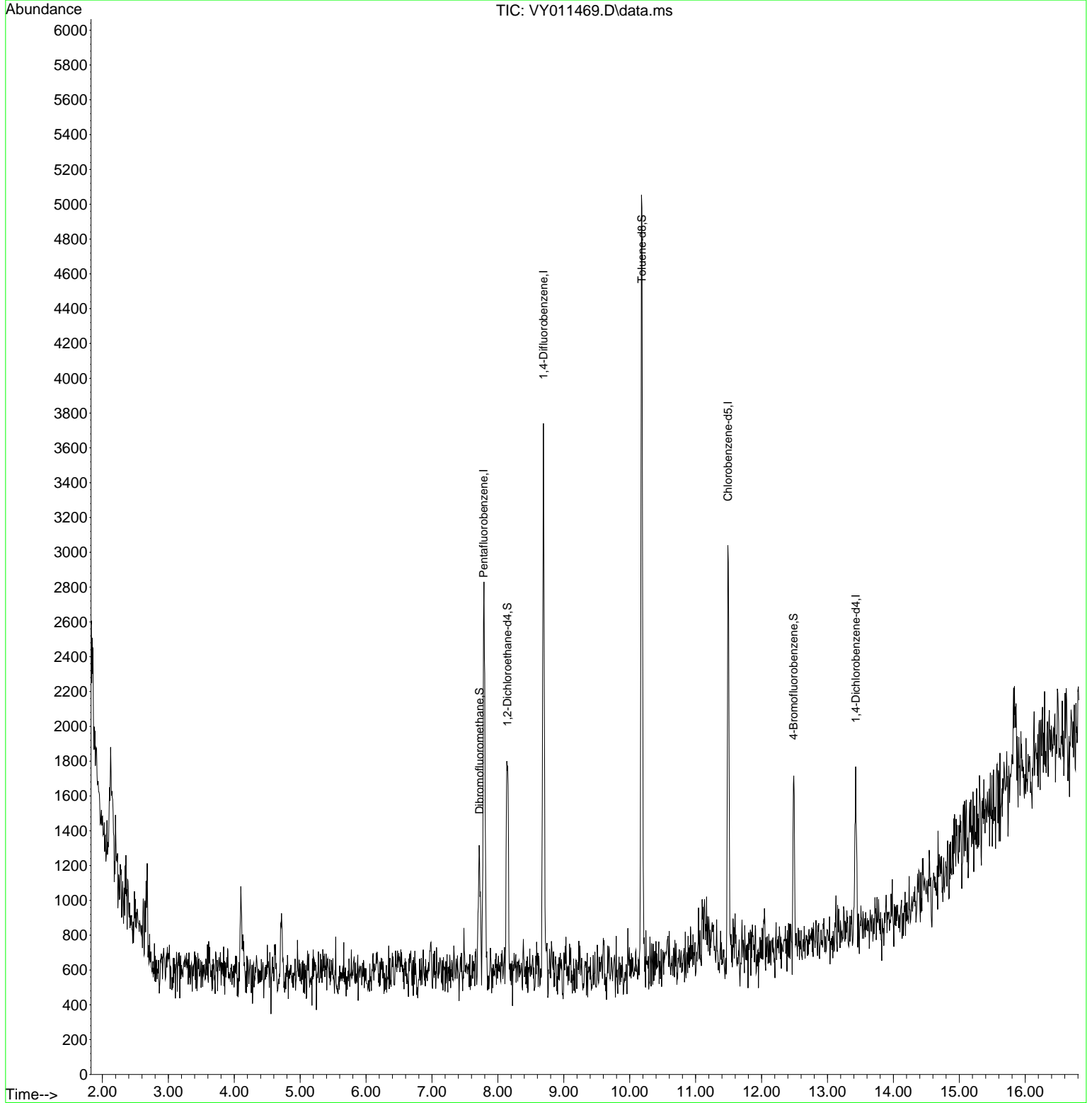
Target Compounds Qvalue

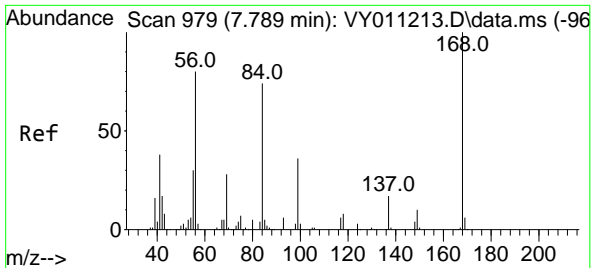
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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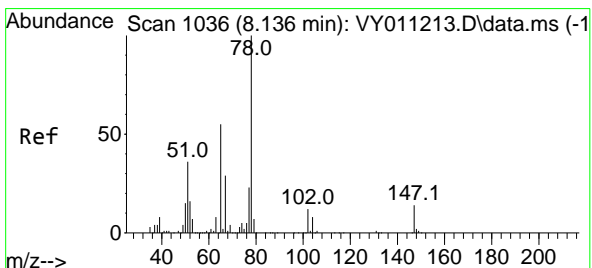
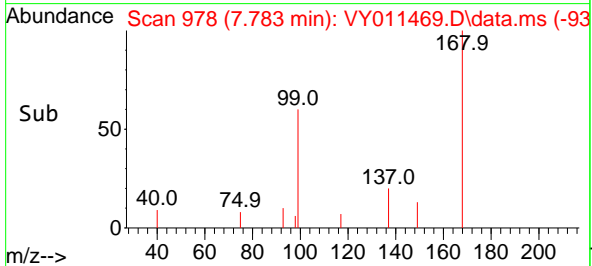
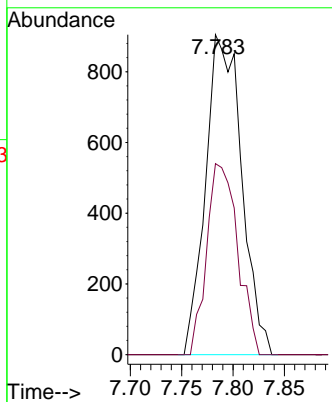
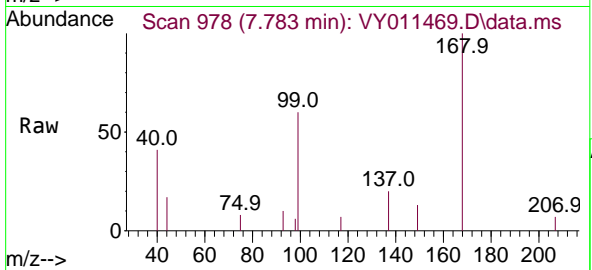




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

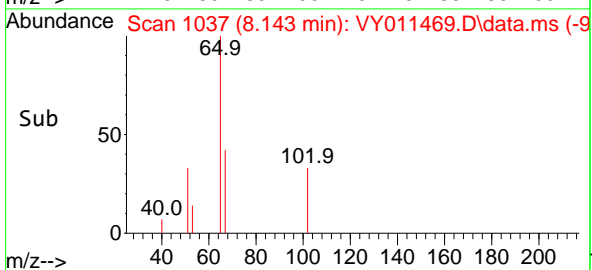
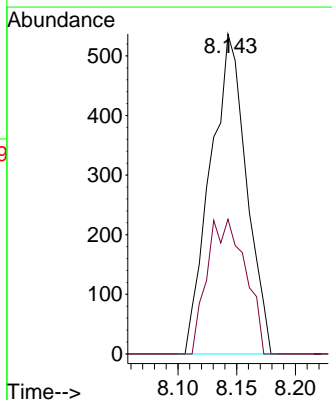
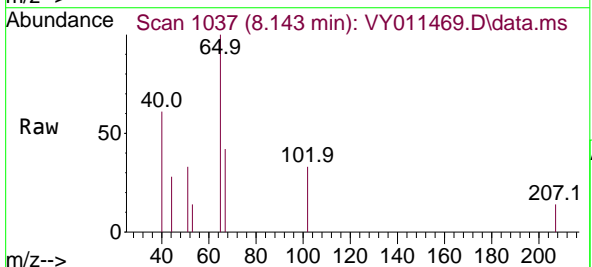
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-111522

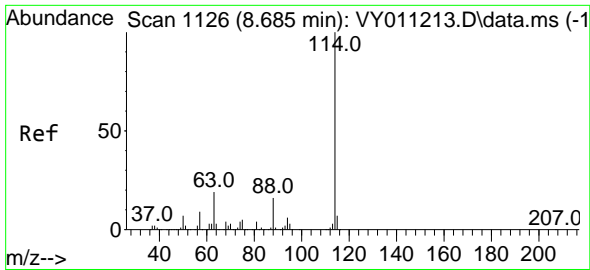
Tgt Ion:168 Resp: 2203
 Ion Ratio Lower Upper
 168 100
 99 59.7 46.9 70.3



#33
 1,2-Dichloroethane-d4
 Concen: 62.079 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

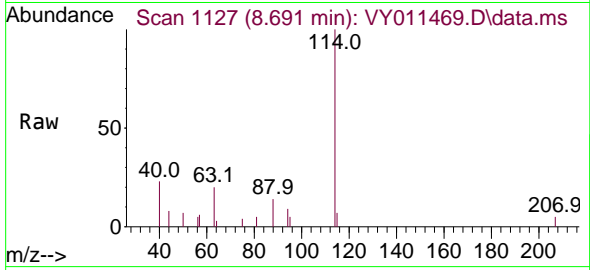
Tgt Ion: 65 Resp: 1146
 Ion Ratio Lower Upper
 65 100
 67 44.8 0.0 99.4



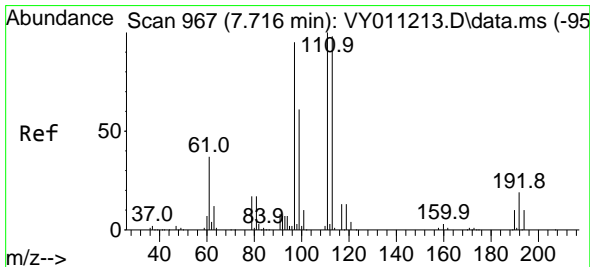
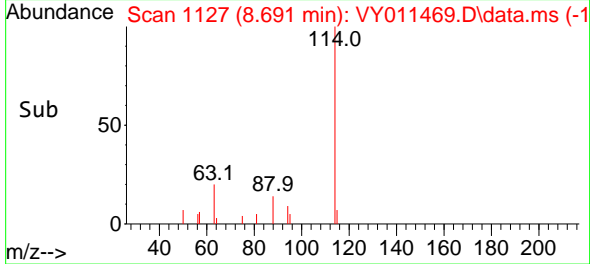
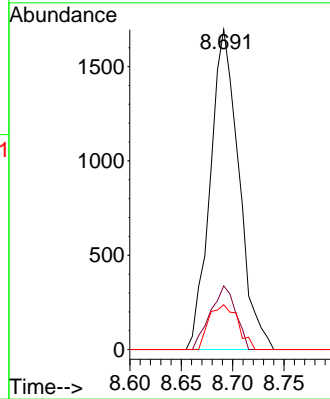


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

Instrument : MSVOA_Y
 ClientSampleId : JC-3-111522

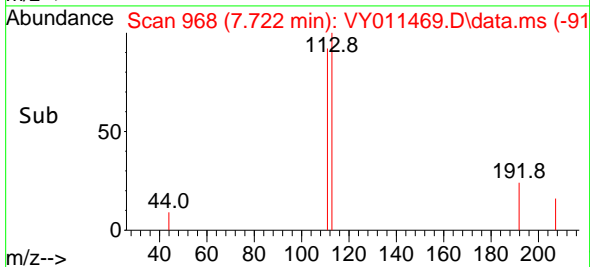
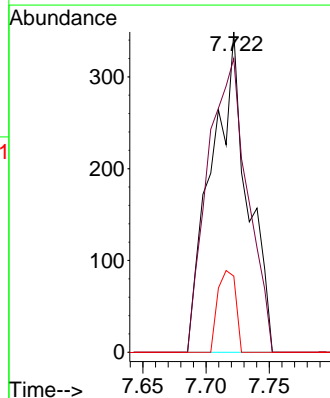
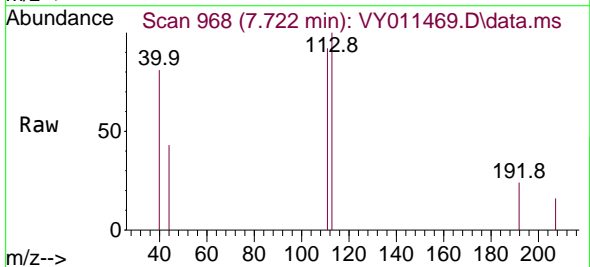


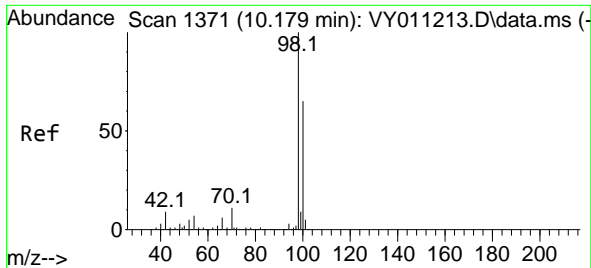
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.9	0.0	43.2
88	14.0	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 37.269 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.012 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	12.9	17.6	26.4

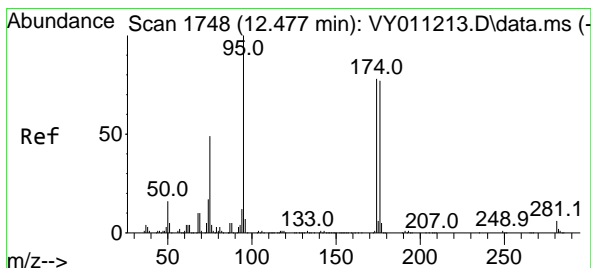
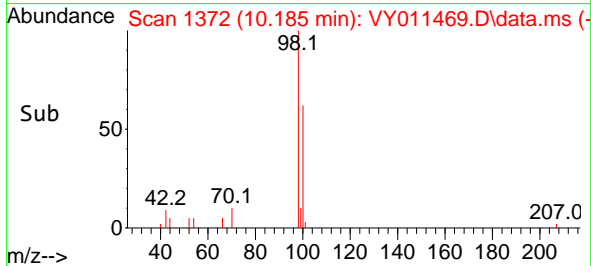
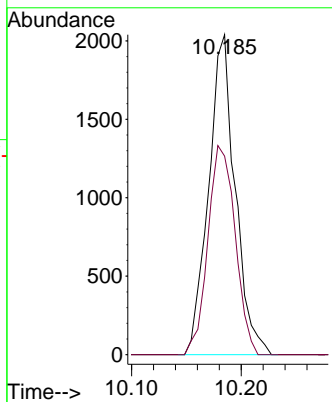
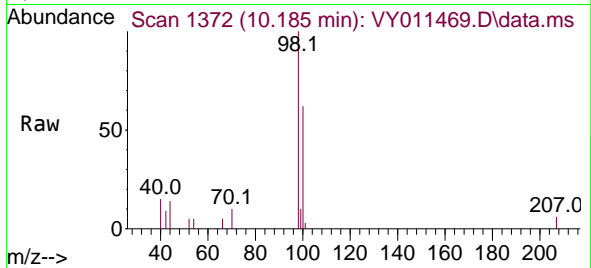




#50
 Toluene-d8
 Concen: 48.679 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

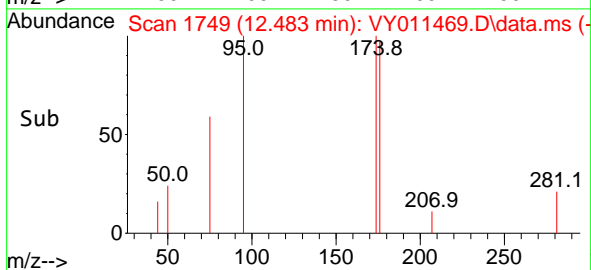
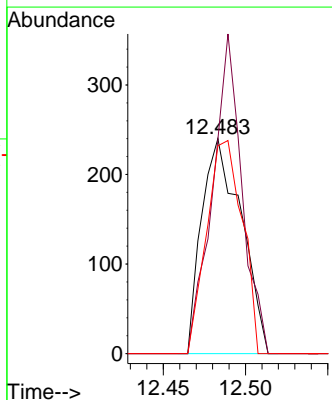
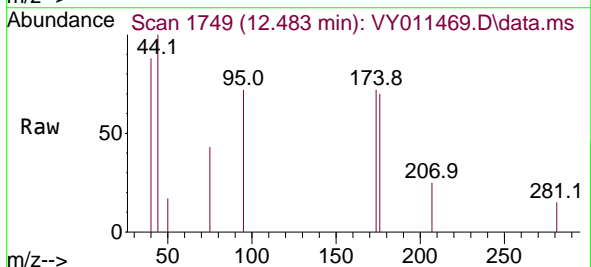
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-111522

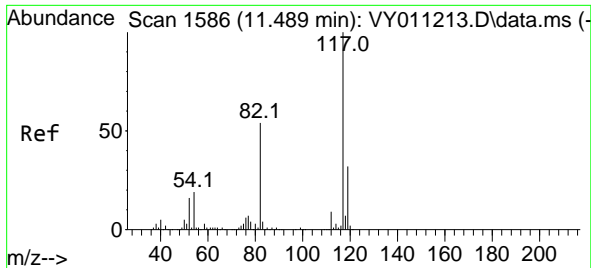
Tgt Ion: 98 Resp: 3433
 Ion Ratio Lower Upper
 98 100
 100 67.1 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 16.302 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

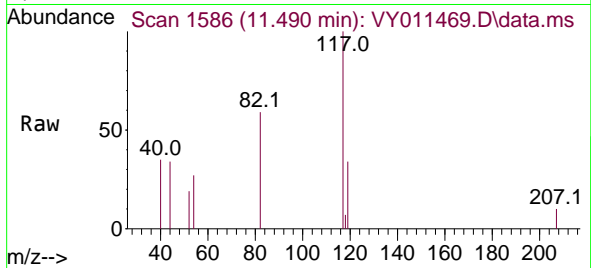
Tgt Ion: 95 Resp: 401
 Ion Ratio Lower Upper
 95 100
 174 110.5 0.0 177.0
 176 89.3 0.0 175.8





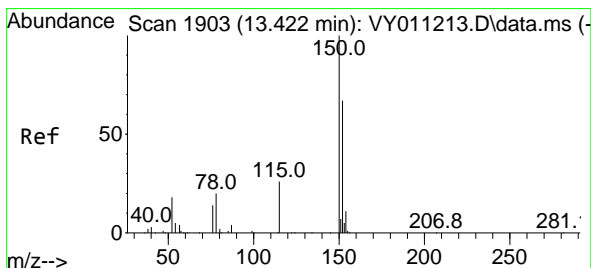
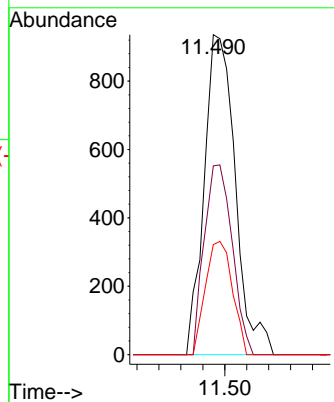
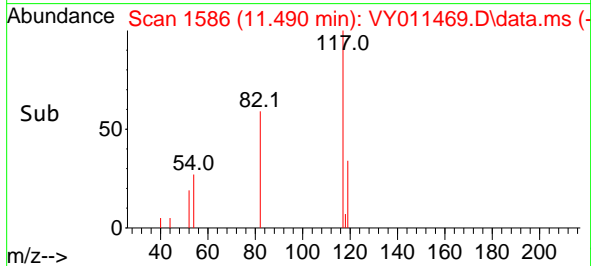
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-3-111522

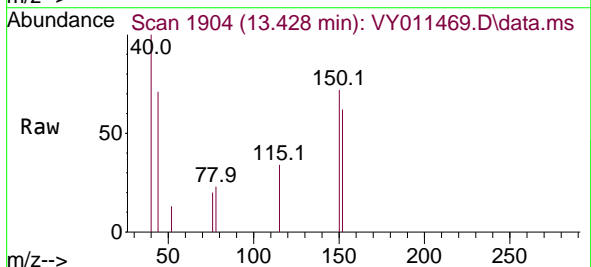


Tgt Ion:117 Resp: 1846

Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.0	64.4
119	34.4	25.4	38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY011469.D
 Acq: 16 Nov 2022 13:32



Tgt Ion:152 Resp: 372

Ion	Ratio	Lower	Upper
152	100		
115	64.5	28.2	84.7
150	177.7	0.0	347.6

