

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020858.D
 Acq On : 17 Jan 2025 16:20
 Operator : SY/MD
 Sample : Q1110-02RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:27:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

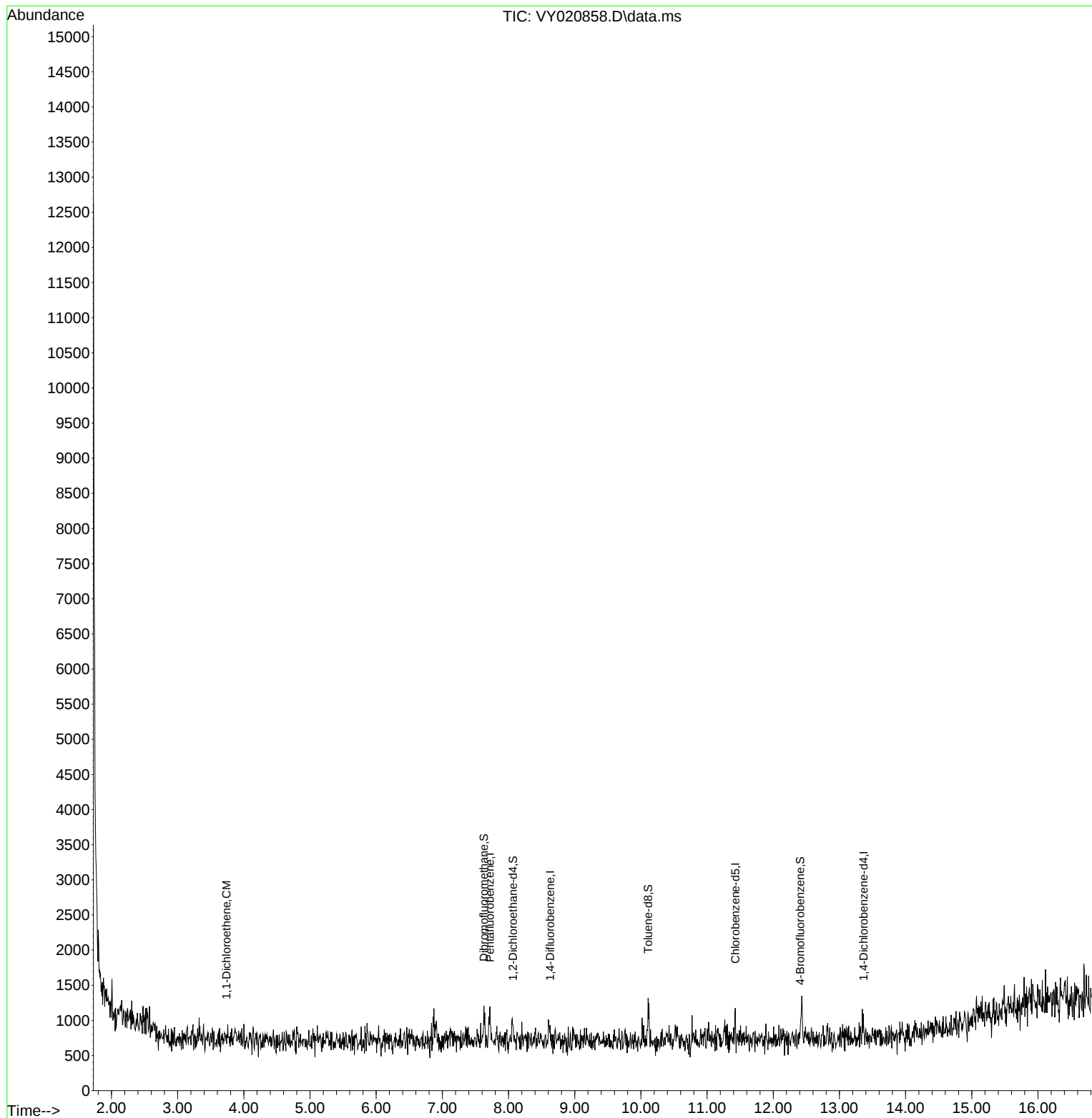
Internal Standards						
1) Pentafluorobenzene	7.719	168	559	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	322	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	96	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	371	78.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.160%	
35) Dibromofluoromethane	7.628	113	309	79.296	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 158.600%#	
50) Toluene-d8	10.109	98	437	32.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.340%	
62) 4-Bromofluorobenzene	12.408	95	91	18.140	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 36.280%	
Target Compounds						
12) 1,1-Dichloroethene	3.738	96	20	4.588	ug/l	# Qvalue 1

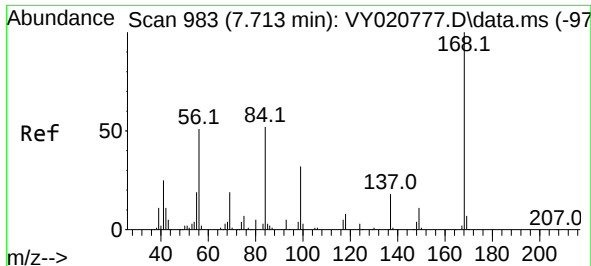
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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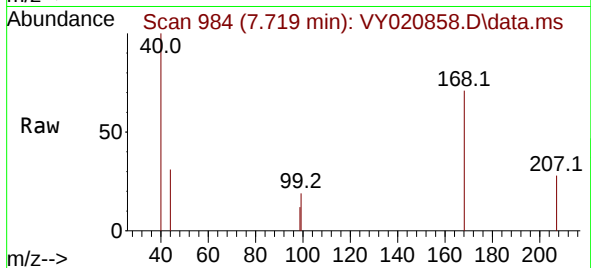
Quant Time: Jan 17 23:27:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
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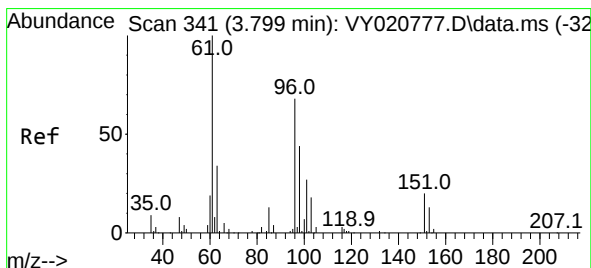
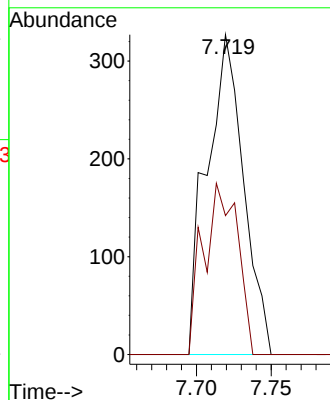
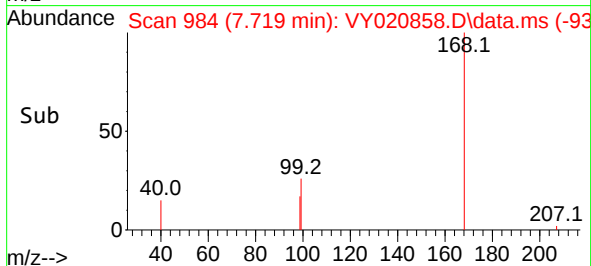


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20

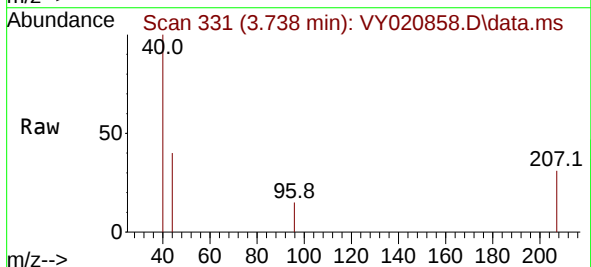
Instrument :
MSVOA_Y
ClientSampleId :



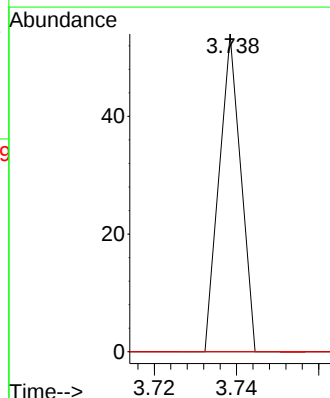
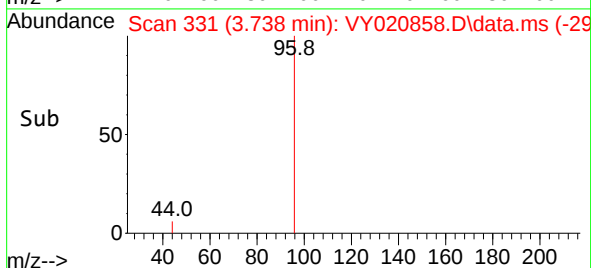
Tgt Ion:168 Resp: 559
Ion Ratio Lower Upper
168 100
99 43.4 44.3 66.5#

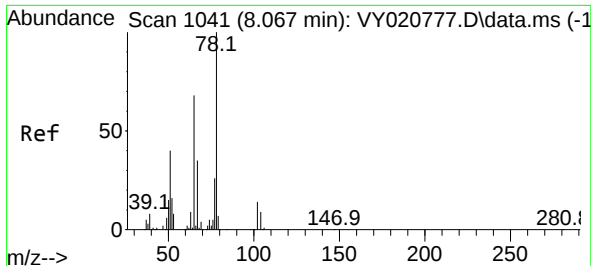


#12
1,1-Dichloroethene
Concen: 4.588 ug/l
RT: 3.738 min Scan# 331
Delta R.T. -0.061 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20



Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 117.8 176.8#
98 0.0 51.9 77.9#





#33

1,2-Dichloroethane-d4

Concen: 78.084 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

Instrument :

MSVOA_Y

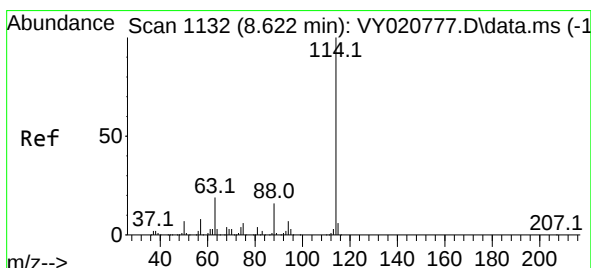
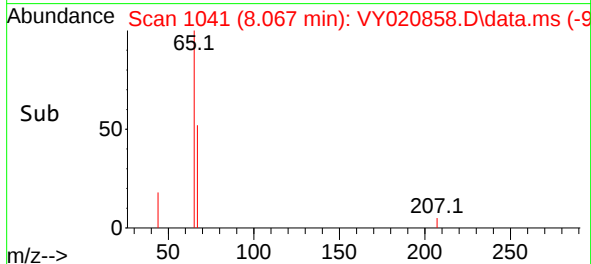
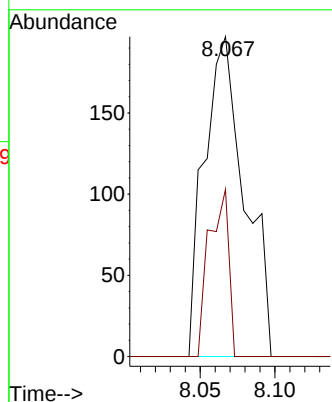
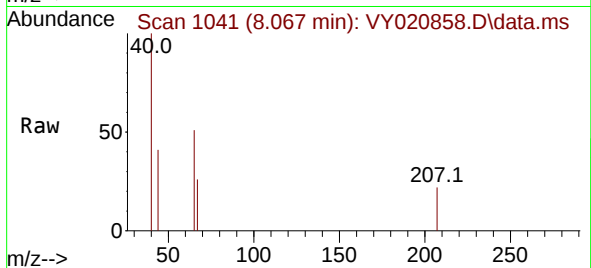
ClientSampleId :

Tgt Ion: 65 Resp: 371

Ion Ratio Lower Upper

65 100

67 25.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

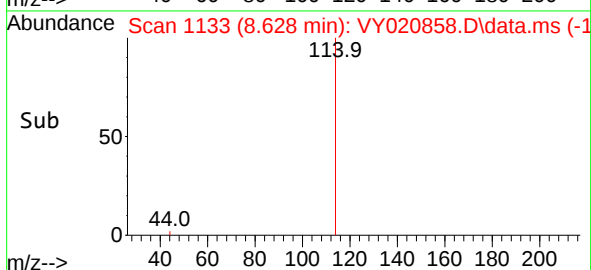
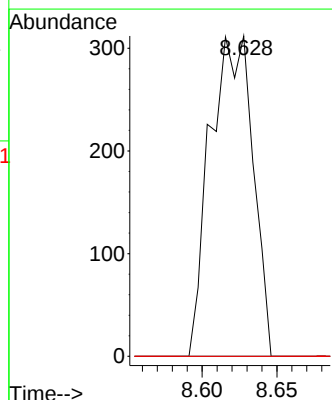
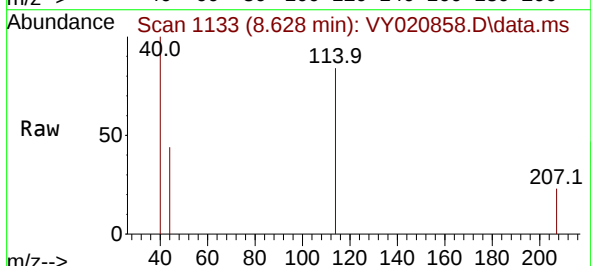
Tgt Ion: 114 Resp: 622

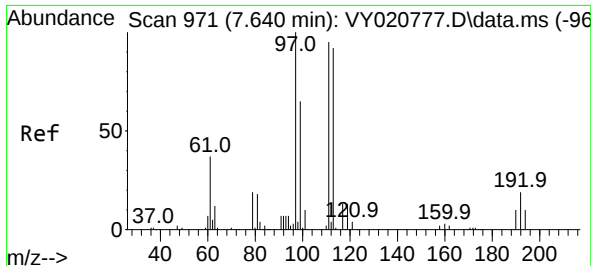
Ion Ratio Lower Upper

114 100

63 0.0 0.0 38.4

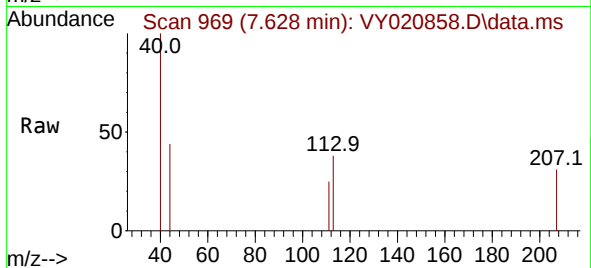
88 0.0 0.0 31.2



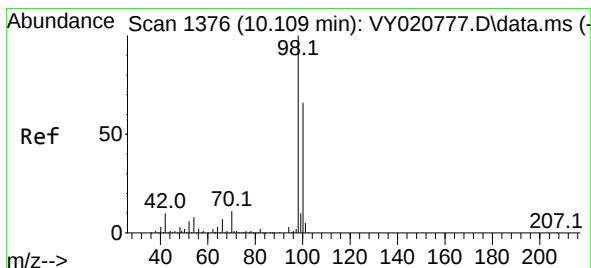
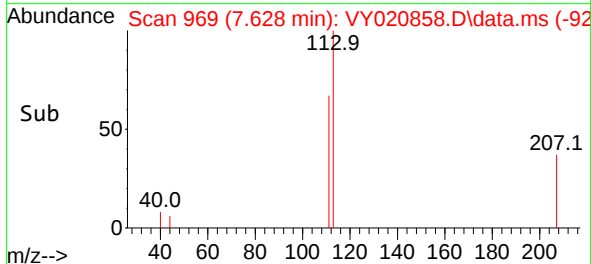
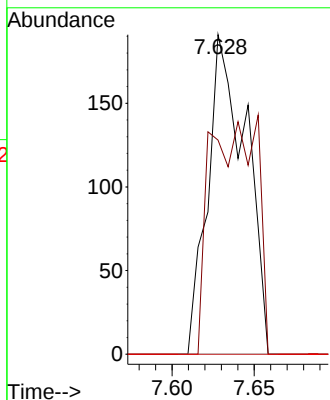


#35
 Dibromofluoromethane
 Concen: 79.296 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY020858.D
 Acq: 17 Jan 2025 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :

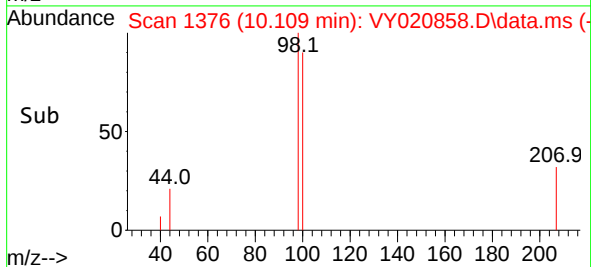
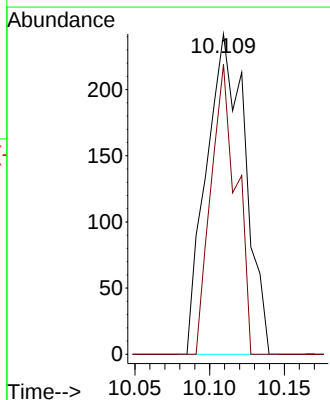
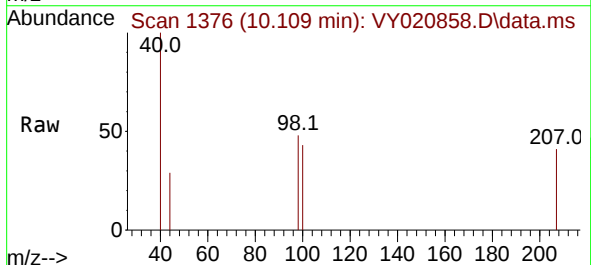


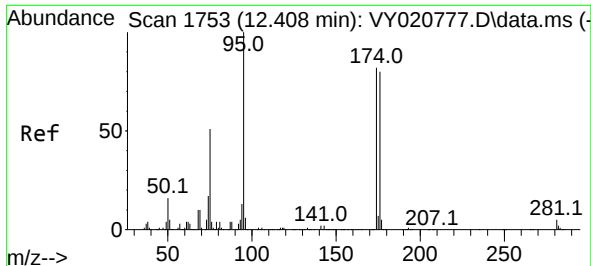
Tgt Ion:113 Resp: 309
 Ion Ratio Lower Upper
 113 100
 111 44.0 81.7 122.5#
 192 0.0 16.7 25.1#



#50
 Toluene-d8
 Concen: 32.170 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VY020858.D
 Acq: 17 Jan 2025 16:20

Tgt Ion: 98 Resp: 437
 Ion Ratio Lower Upper
 98 100
 100 59.5 52.5 78.7

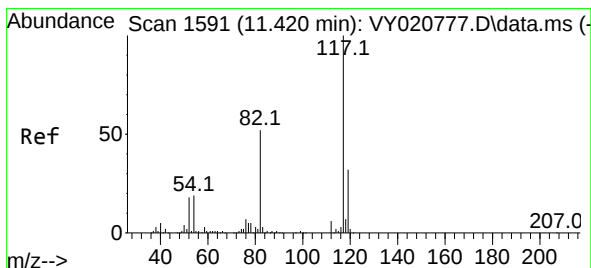
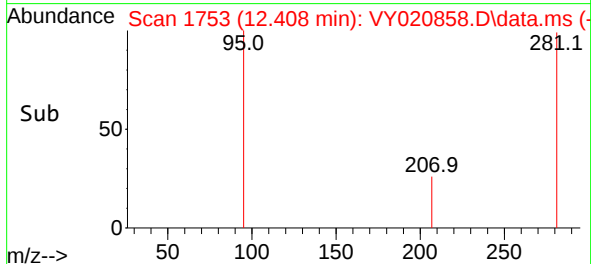
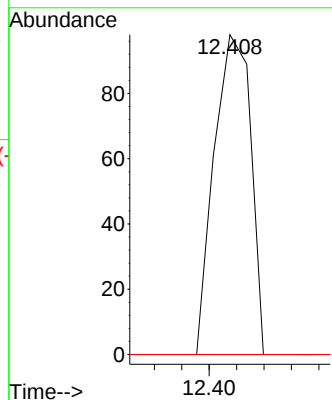
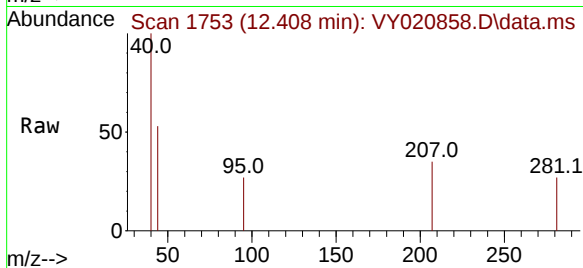




#62
4-Bromofluorobenzene
Concen: 18.140 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20

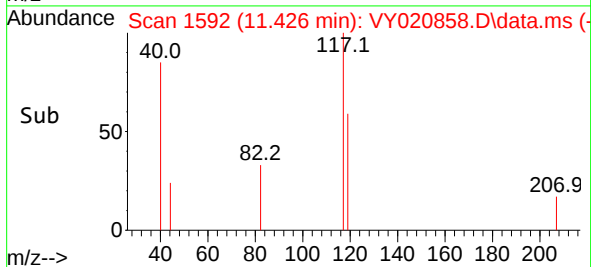
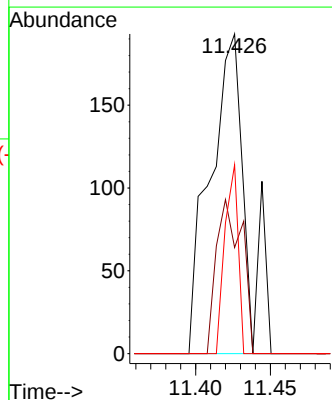
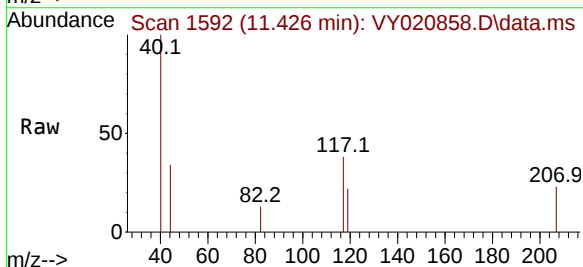
Instrument :
MSVOA_Y
ClientSampleId :

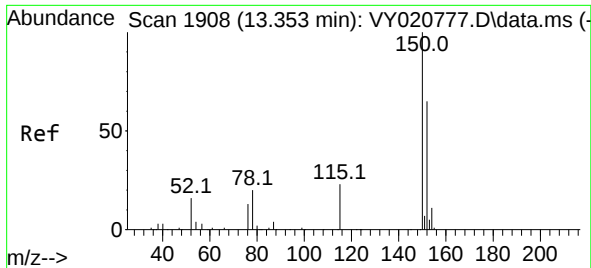
Tgt Ion: 95 Resp: 91
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.0
176 0.0 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020858.D
Acq: 17 Jan 2025 16:20

Tgt Ion: 117 Resp: 322
Ion Ratio Lower Upper
117 100
82 33.2 41.8 62.6#
119 59.1 25.8 38.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 19

Delta R.T. 0.012 min

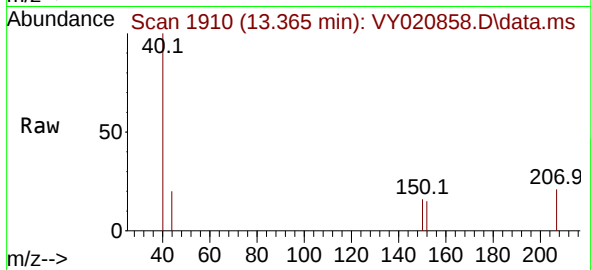
Lab File: VY020858.D

Acq: 17 Jan 2025 16:20

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	152	Resp:	96
Ion Ratio	Lower	Upper	
152	100		
115	0.0	29.0	87.0#
150	180.2	0.0	347.4

