

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021014.D
 Acq On : 31 Jan 2025 16:53
 Operator : SY/MD
 Sample : Q1254-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:27:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

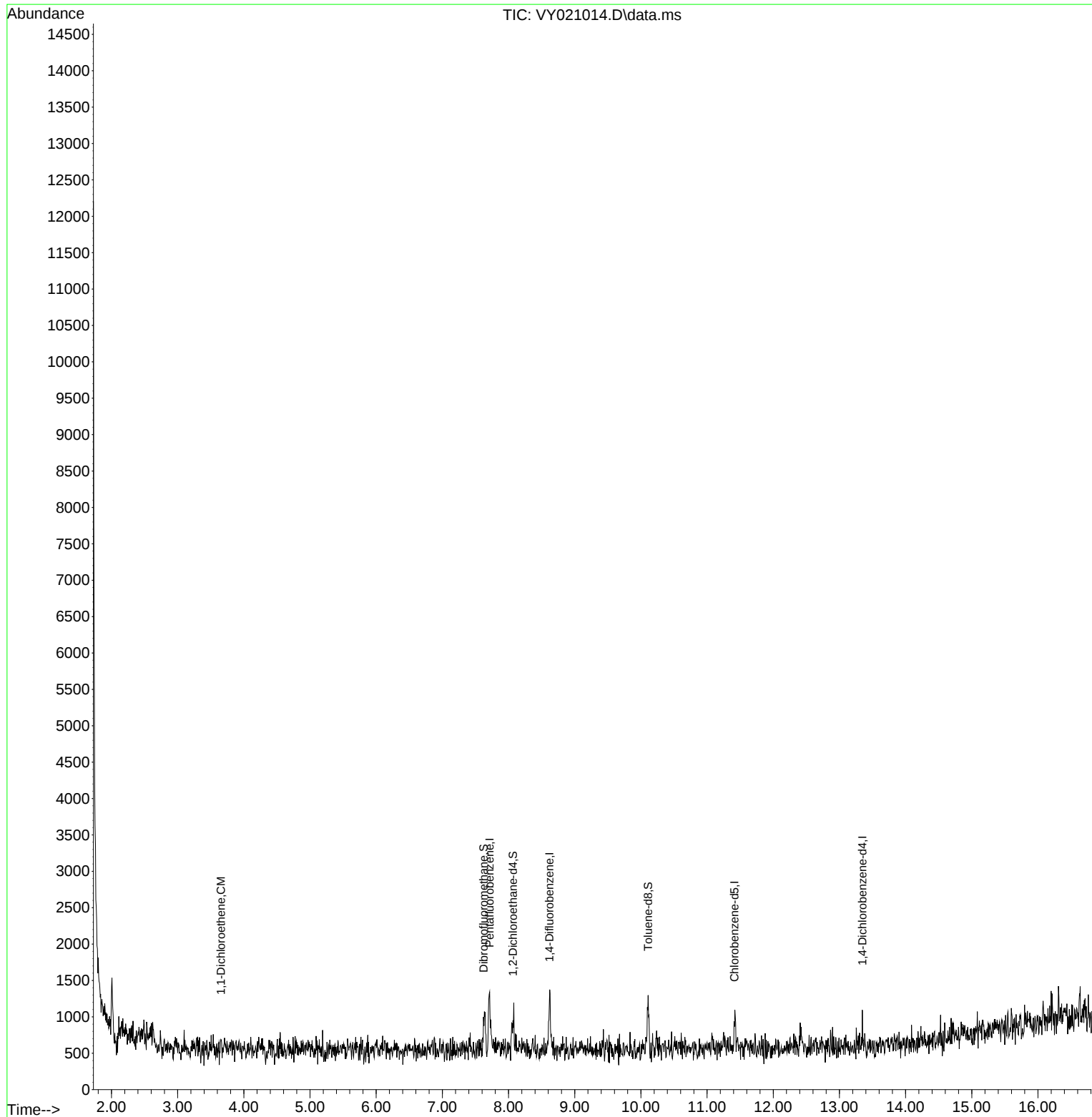
Internal Standards						
1) Pentafluorobenzene	7.713	168	963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	472	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	501	61.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.200%
35) Dibromofluoromethane	7.622	113	545	81.305	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	162.600%#
50) Toluene-d8	10.109	98	769	29.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	58.780%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.653	96	26	3.190	ug/l #	1

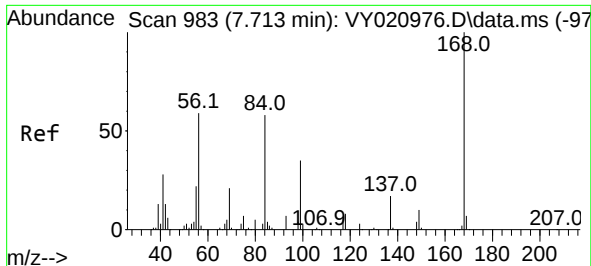
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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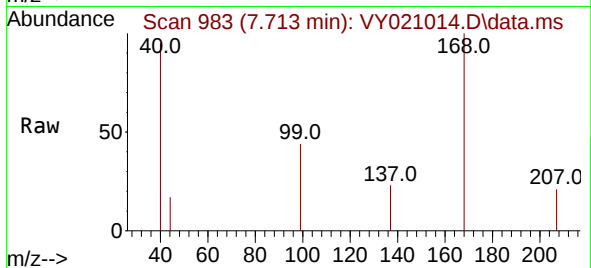
Quant Time: Jan 31 22:27:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
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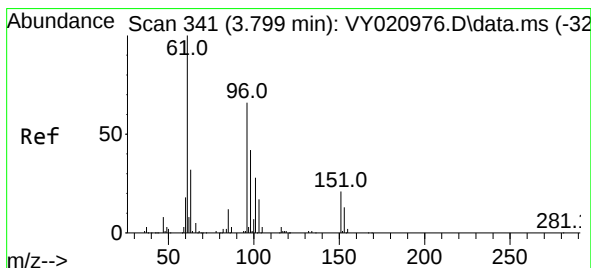
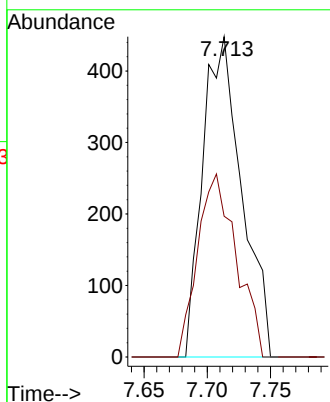
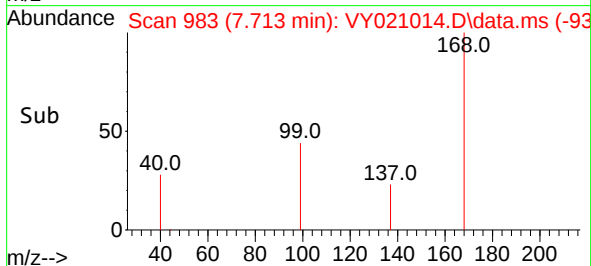


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53

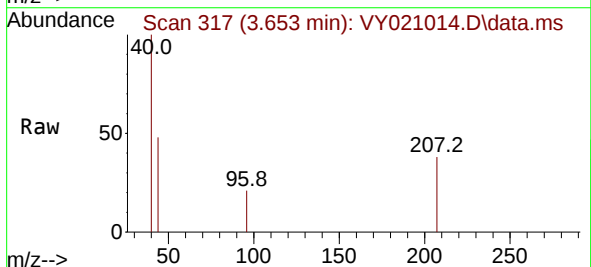
Instrument :
MSVOA_Y
ClientSampleId :



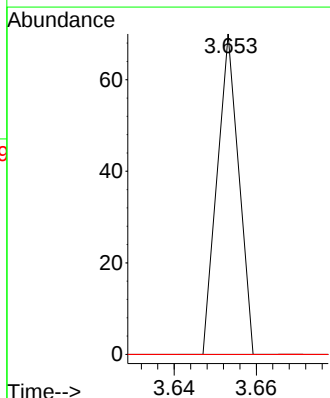
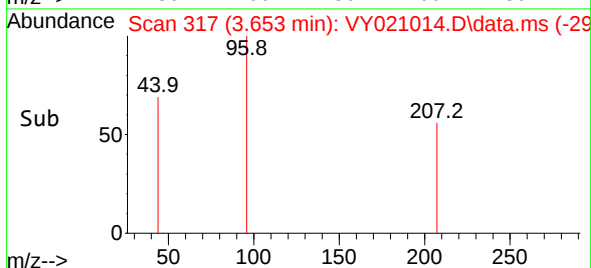
Tgt Ion:168 Resp: 963
Ion Ratio Lower Upper
168 100
99 44.0 42.2 63.2

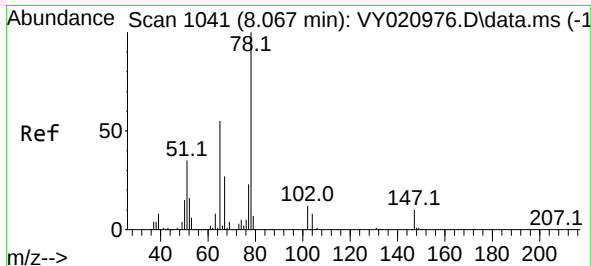


#12
1,1-Dichloroethene
Concen: 3.190 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.146 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53



Tgt Ion: 96 Resp: 26
Ion Ratio Lower Upper
96 100
61 0.0 120.8 181.2#
98 0.0 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 61.104 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

Instrument :

MSVOA_Y

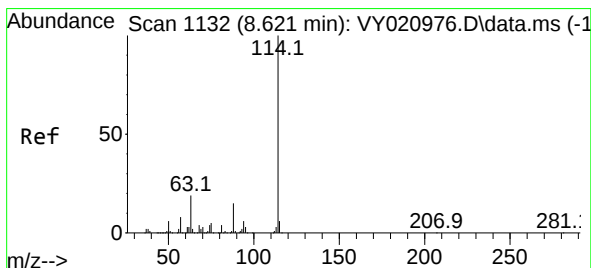
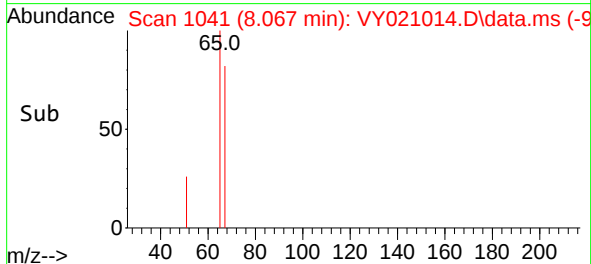
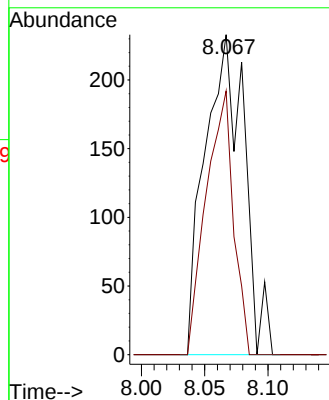
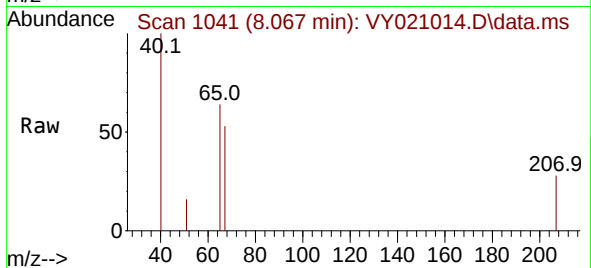
ClientSampleId :

Tgt Ion: 65 Resp: 501

Ion Ratio Lower Upper

65 100

67 57.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

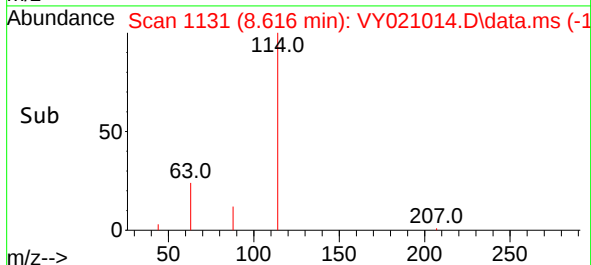
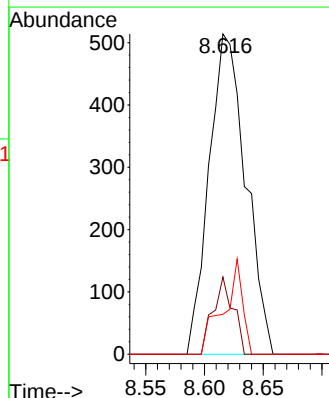
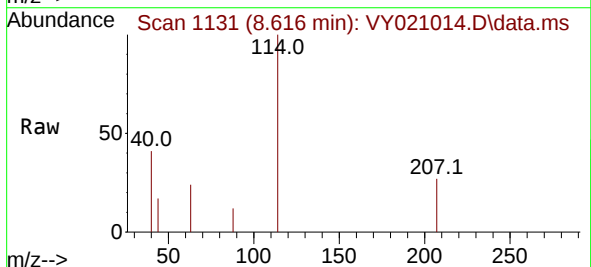
Tgt Ion: 114 Resp: 1115

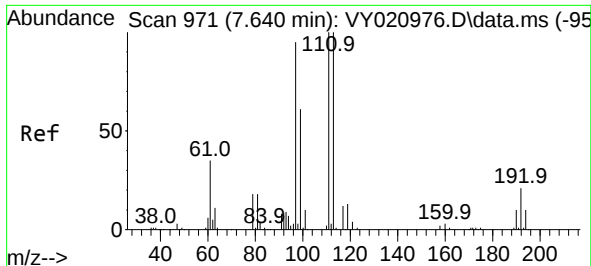
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.2

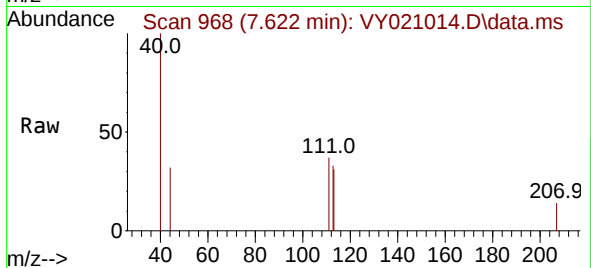
88 12.5 0.0 29.6



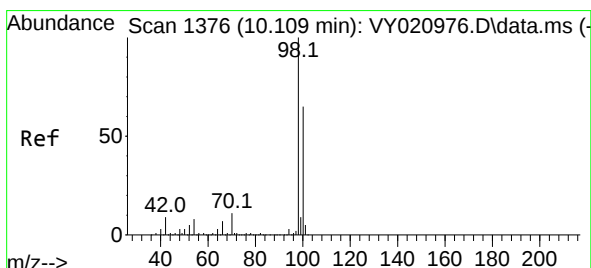
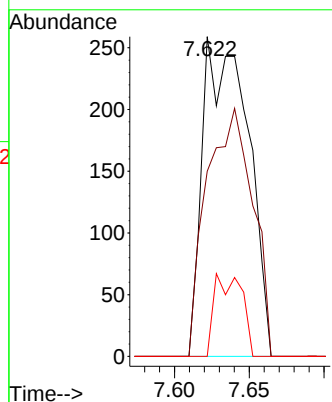
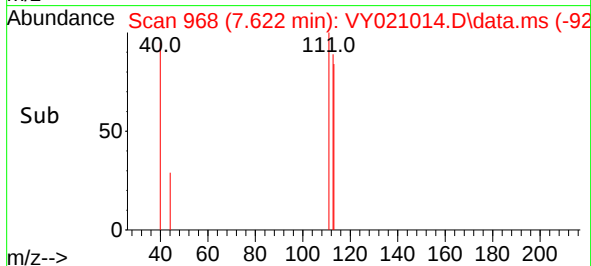


#35
Dibromofluoromethane
Concen: 81.305 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53

Instrument :
MSVOA_Y
ClientSampleId :

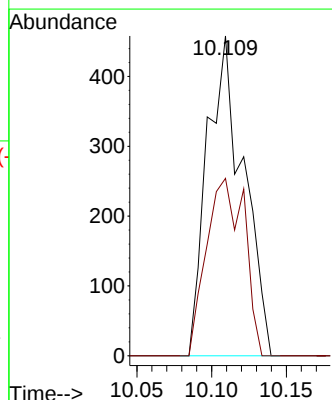
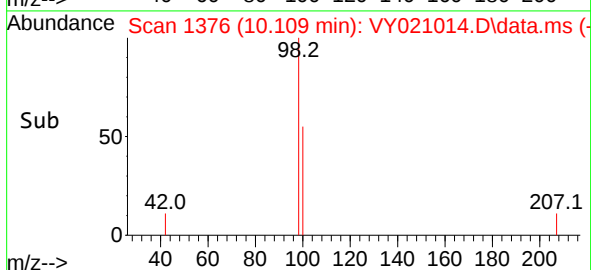
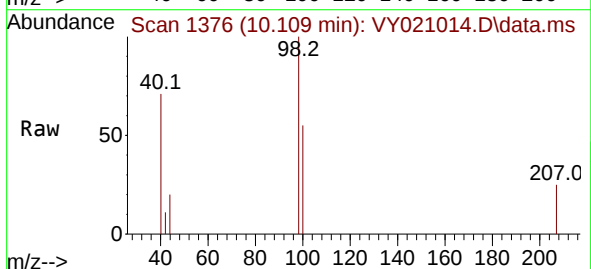


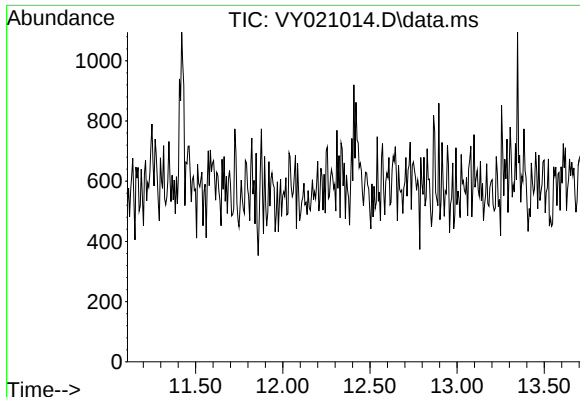
Tgt Ion:113 Resp: 545
Ion Ratio Lower Upper
113 100
111 78.7 82.6 123.8#
192 15.6 16.8 25.2#



#50
Toluene-d8
Concen: 29.393 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53

Tgt Ion: 98 Resp: 769
Ion Ratio Lower Upper
98 100
100 58.3 52.6 79.0

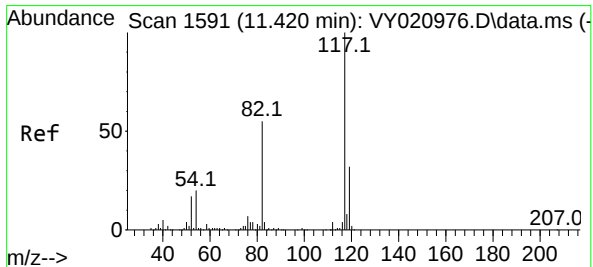
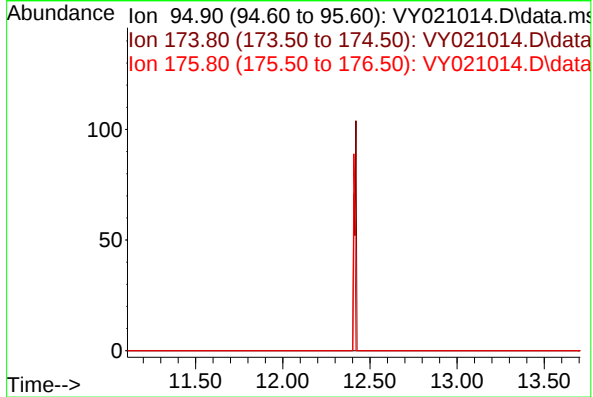




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.41 min
 Lab File: VY021014.D
 Acq: 31 Jan 2025 16:53

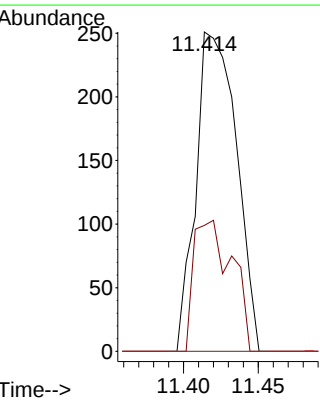
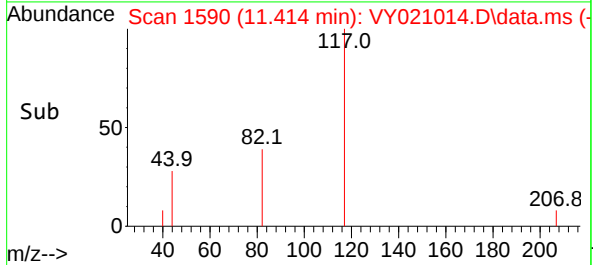
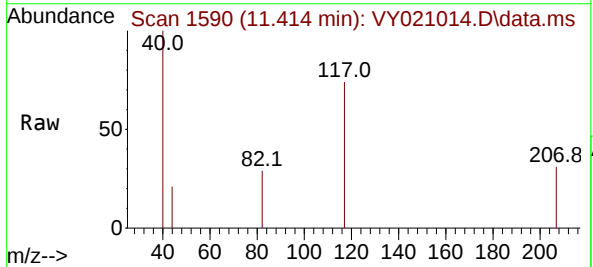
Instrument :
 MSVOA_Y
 ClientSampleId :

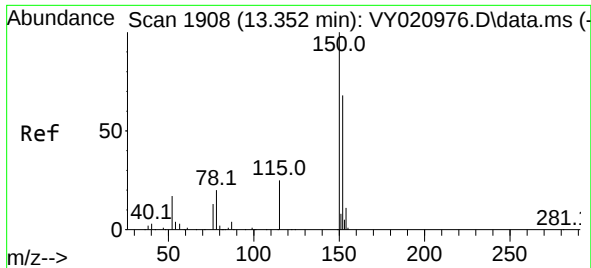
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 90.6
 176 87.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.414 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: VY021014.D
 Acq: 31 Jan 2025 16:53

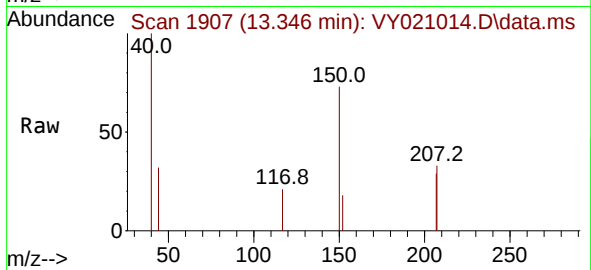
Tgt Ion: 117 Resp: 472
 Ion Ratio Lower Upper
 117 100
 82 39.4 44.2 66.2#
 119 0.0 25.9 38.9#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021014.D
 Acq: 31 Jan 2025 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 44
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.4 85.2#
 150 563.6 0.0 342.8#

