

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021137.D
 Acq On : 07 Feb 2025 14:15
 Operator : SY/MD
 Sample : Q1288-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-020425

Quant Time: Feb 08 02:41:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

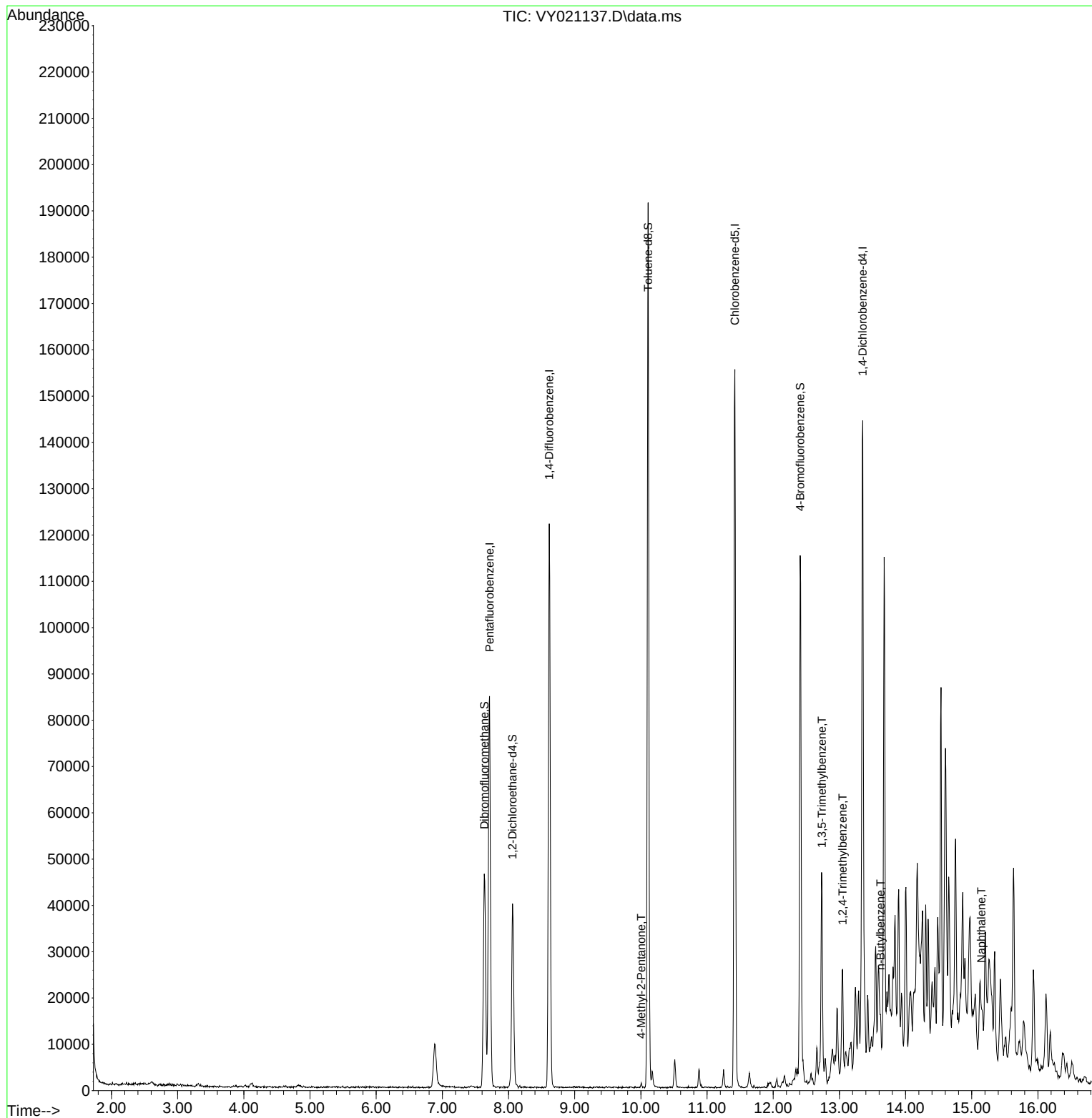
Internal Standards						
1) Pentafluorobenzene	7.713	168	62692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	101062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	33021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30765	47.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.634	113	32092	49.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.109	98	117657	47.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.408	95	33255	41.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.560%
Target Compounds						
					Qvalue	
51) 4-Methyl-2-Pentanone	10.006	43	504	1.199	ug/l #	73
80) 1,3,5-Trimethylbenzene	12.737	105	2866	1.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	10982	5.371	ug/l	94
89) n-Butylbenzene	13.621	91	2925	1.411	ug/l #	72
95) Naphthalene	15.145	128	3467	3.903	ug/l #	81

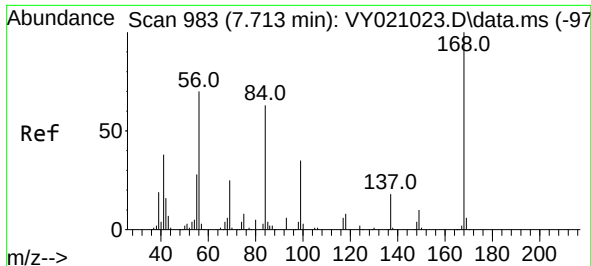
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
Data File : VY021137.D
Acq On : 07 Feb 2025 14:15
Operator : SY/MD
Sample : Q1288-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

Quant Time: Feb 08 02:41:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

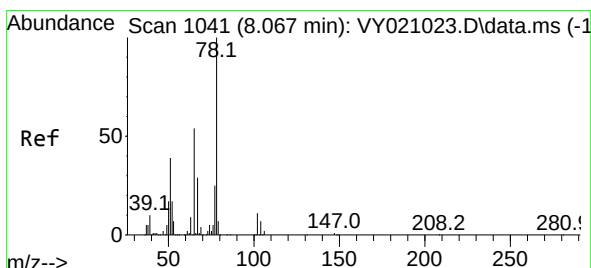
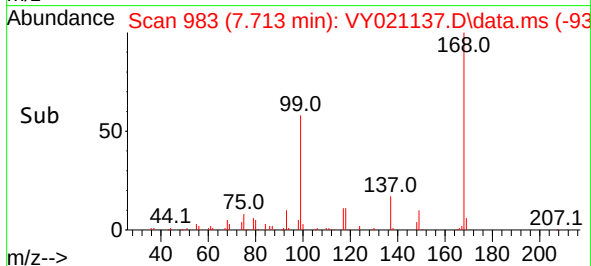
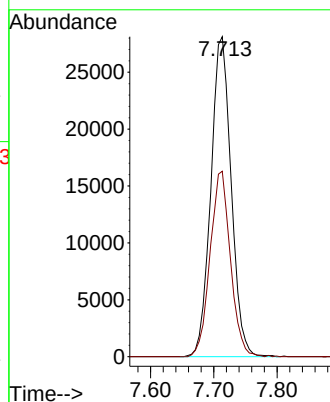
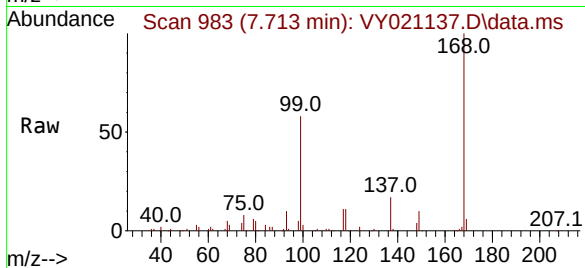




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

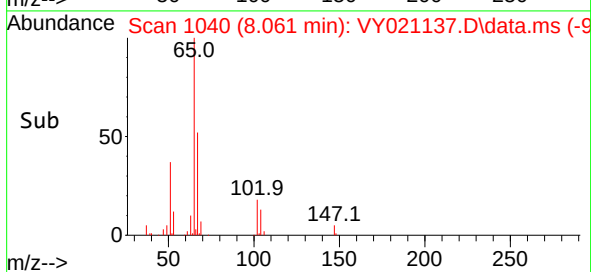
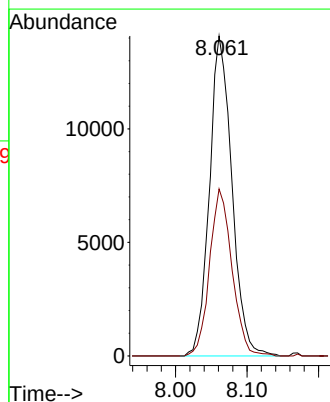
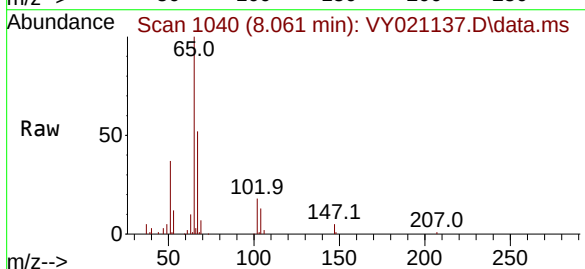
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

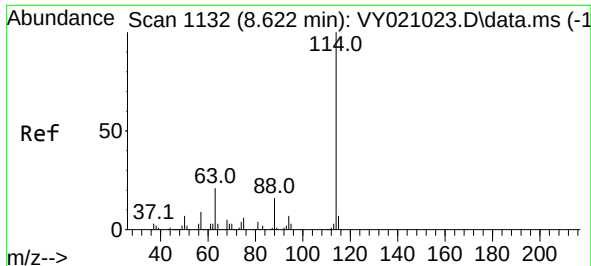
Tgt Ion:168 Resp: 62692
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.896 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

Tgt Ion: 65 Resp: 30765
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.0

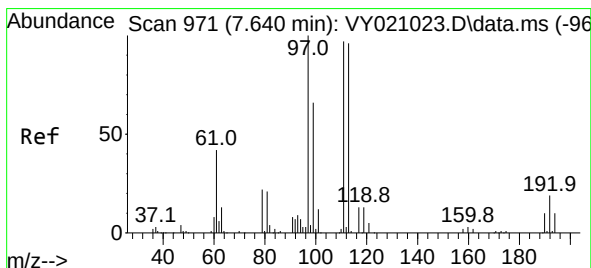
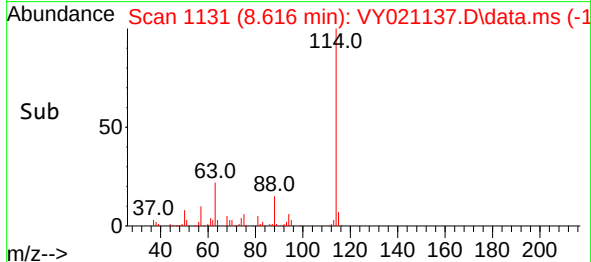
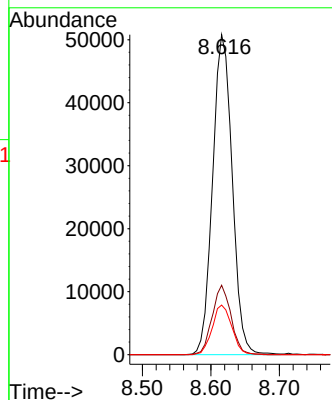
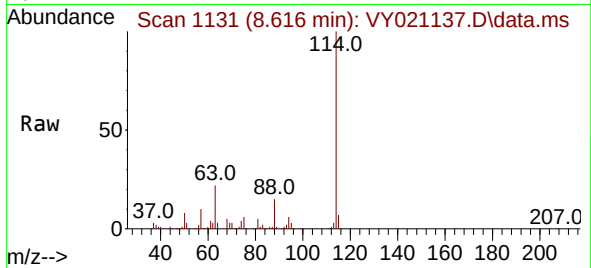




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

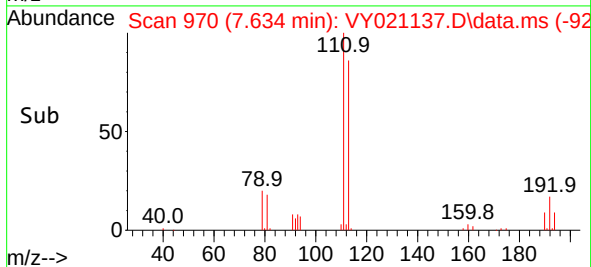
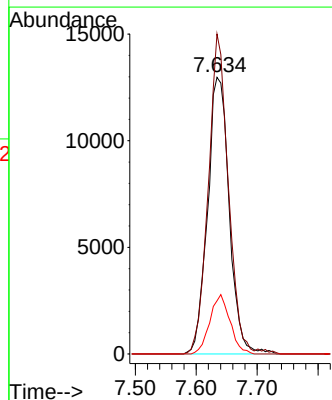
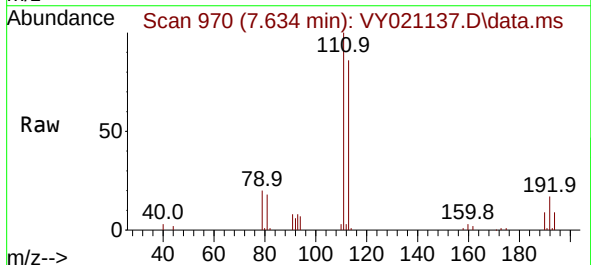
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

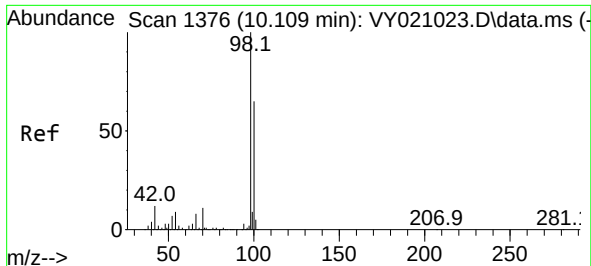
Tgt Ion:114 Resp: 101062
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.4
88 15.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

Tgt Ion:113 Resp: 32092
Ion Ratio Lower Upper
113 100
111 106.4 83.8 125.6
192 20.0 14.5 21.7

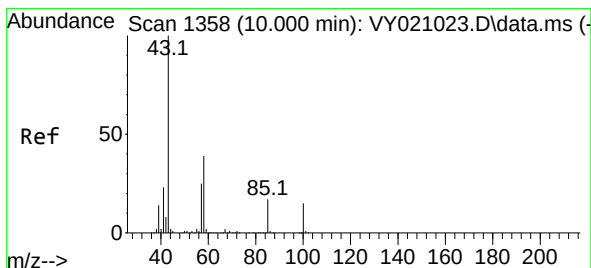
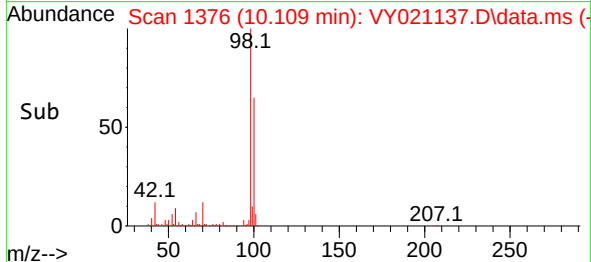
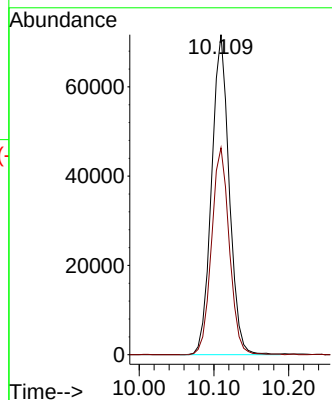
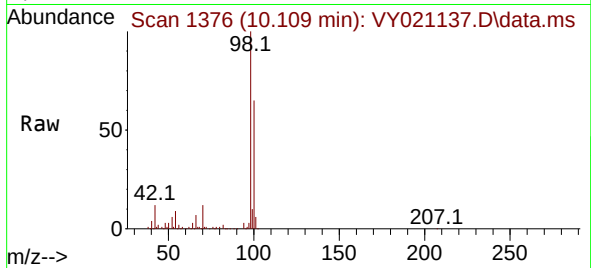




#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

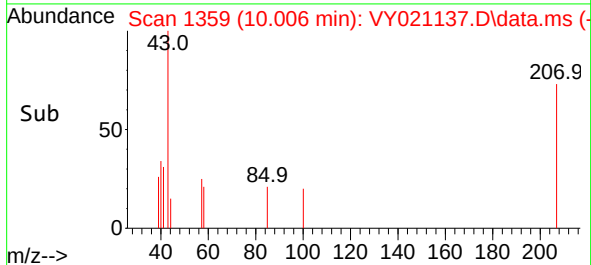
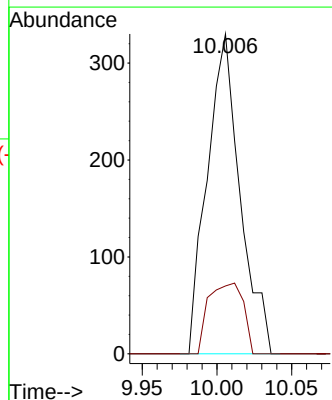
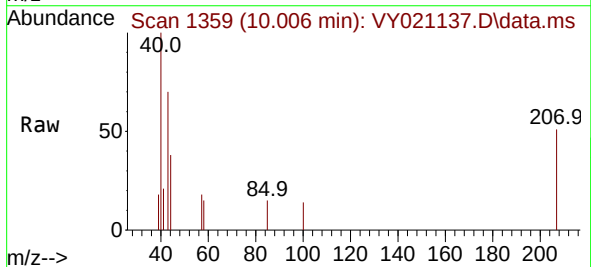
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

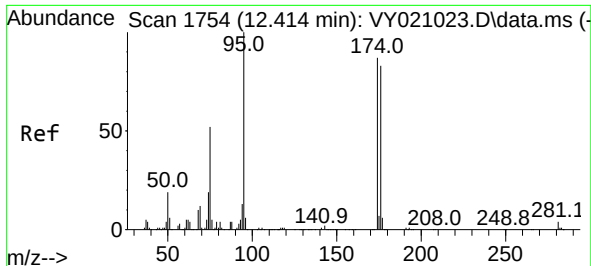
Tgt Ion: 98 Resp: 117657
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.199 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 23.2 32.2 48.2#





#62

4-Bromofluorobenzene

Concen: 41.283 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY021137.D

Acq: 07 Feb 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-020425

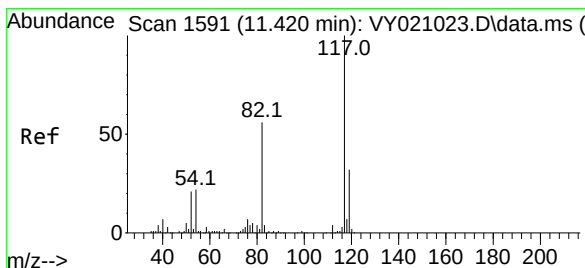
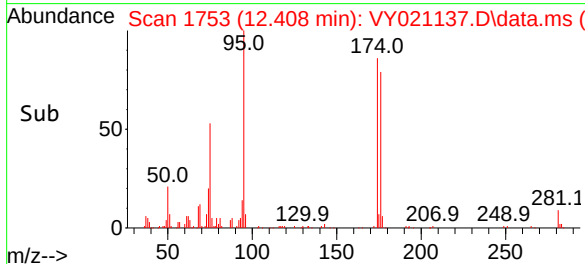
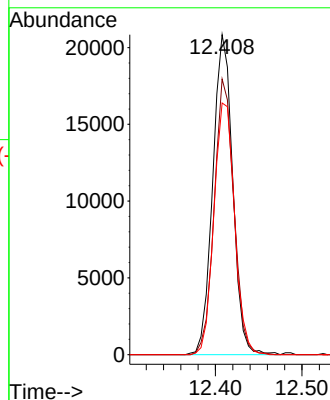
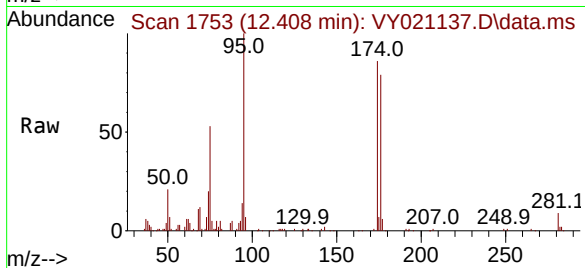
Tgt Ion: 95 Resp: 33255

Ion Ratio Lower Upper

95 100

174 84.9 0.0 160.0

176 81.7 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021137.D

Acq: 07 Feb 2025 14:15

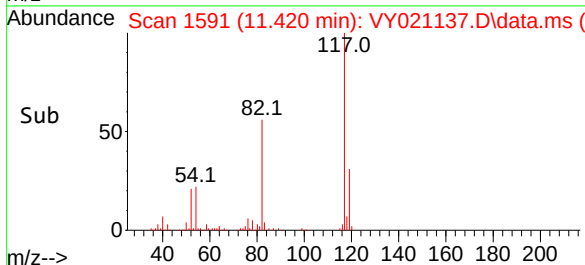
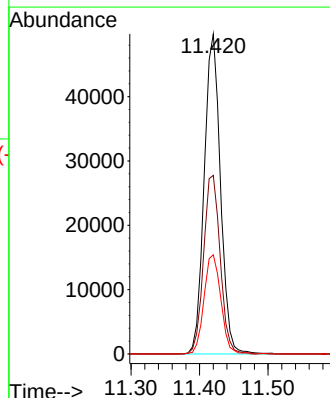
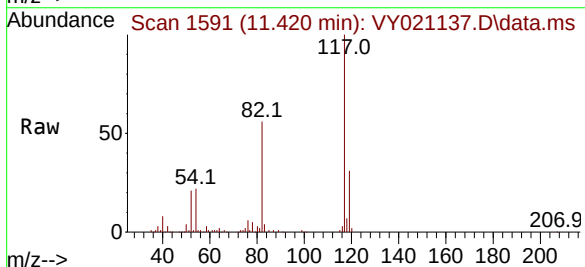
Tgt Ion: 117 Resp: 82201

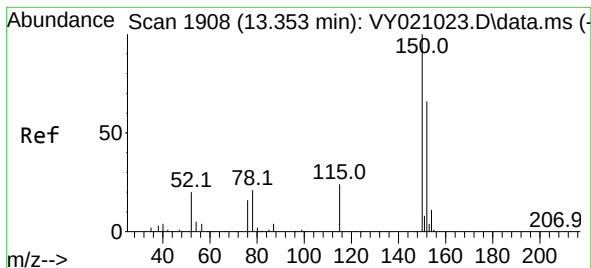
Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 31.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021137.D

Acq: 07 Feb 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-020425

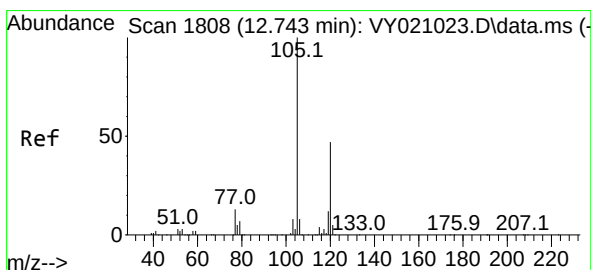
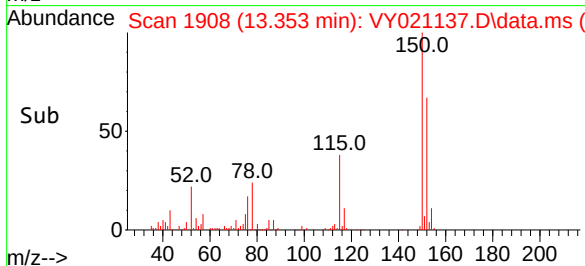
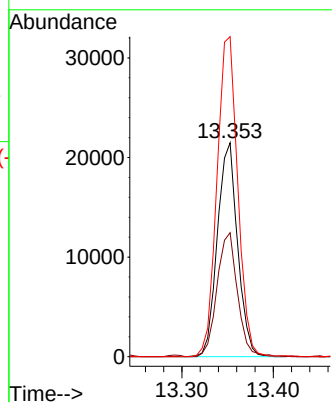
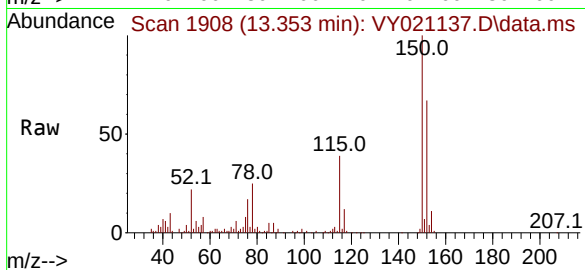
Tgt Ion:152 Resp: 33021

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 153.6 0.0 344.6



#80

1,3,5-Trimethylbenzene

Concen: 1.370 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021137.D

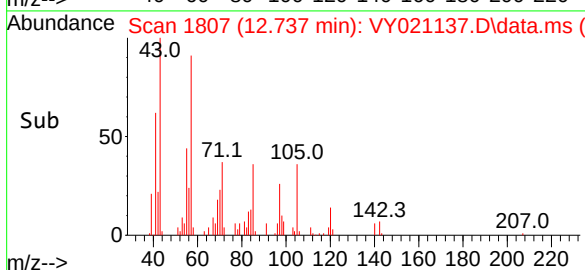
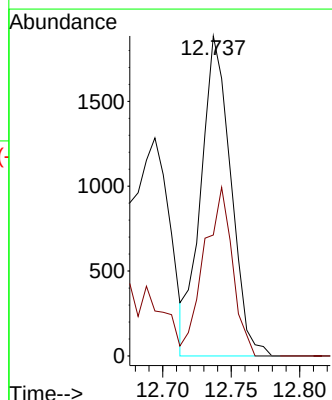
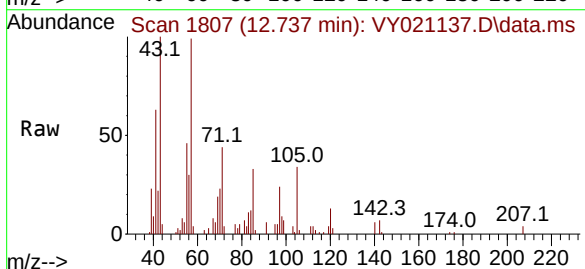
Acq: 07 Feb 2025 14:15

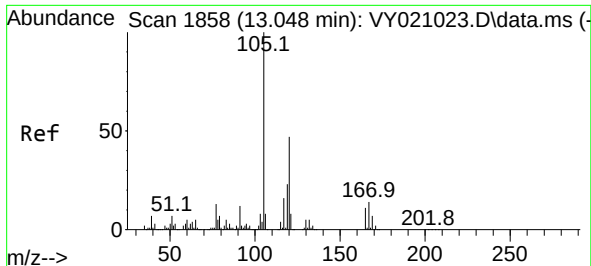
Tgt Ion:105 Resp: 2866

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.8

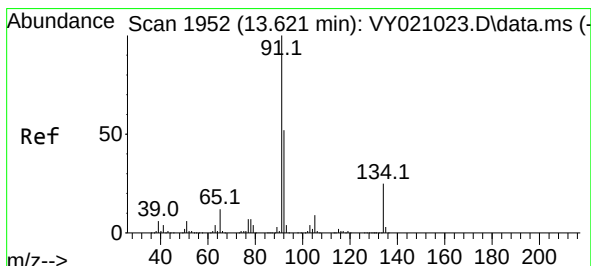
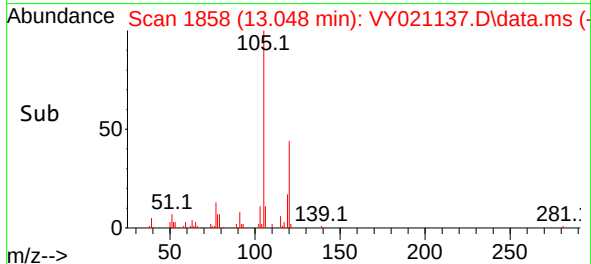
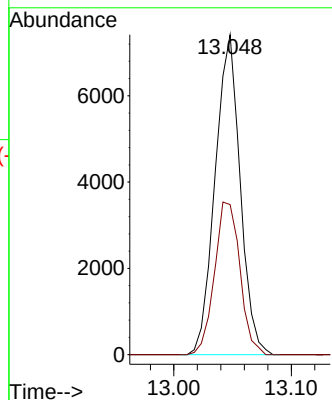
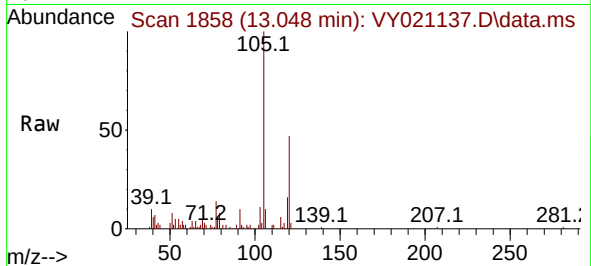




#84
1,2,4-Trimethylbenzene
Concen: 5.371 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

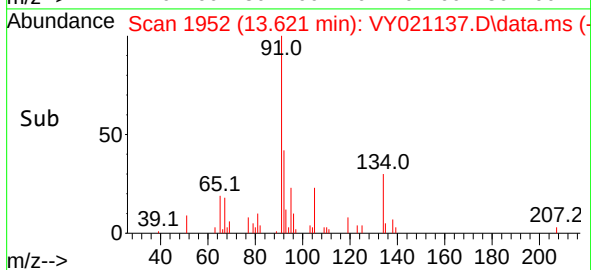
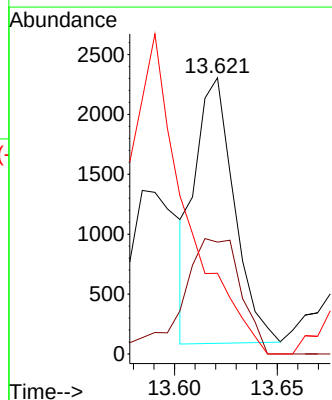
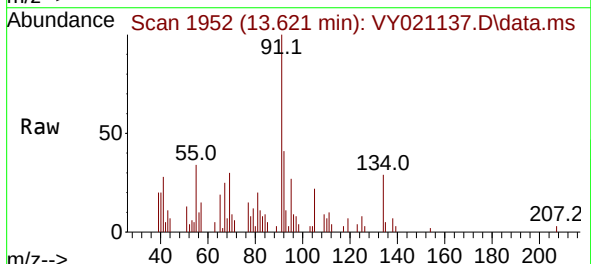
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

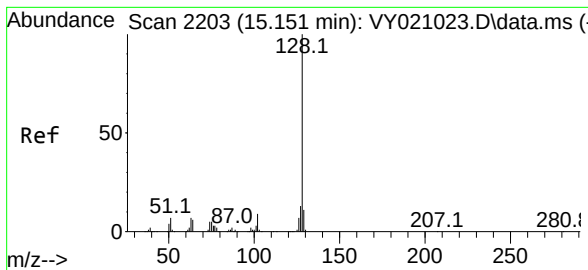
Tgt Ion:105 Resp: 10982
Ion Ratio Lower Upper
105 100
120 48.4 22.1 66.3



#89
n-Butylbenzene
Concen: 1.411 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021137.D
Acq: 07 Feb 2025 14:15

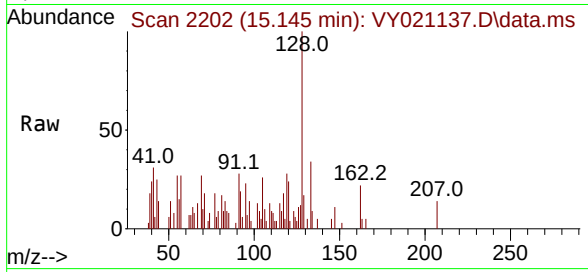
Tgt Ion: 91 Resp: 2925
Ion Ratio Lower Upper
91 100
92 65.8 26.4 79.2
134 0.0 12.3 36.8#





#95
 Naphthalene
 Concen: 3.903 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021137.D
 Acq: 07 Feb 2025 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-020425



Tgt Ion:	128	Resp:	3467
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.2	15.4#
129	22.1	8.6	12.8#

