

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021094.D
 Acq On : 05 Feb 2025 17:21
 Operator : SY/MD
 Sample : Q1276-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:56:57 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)

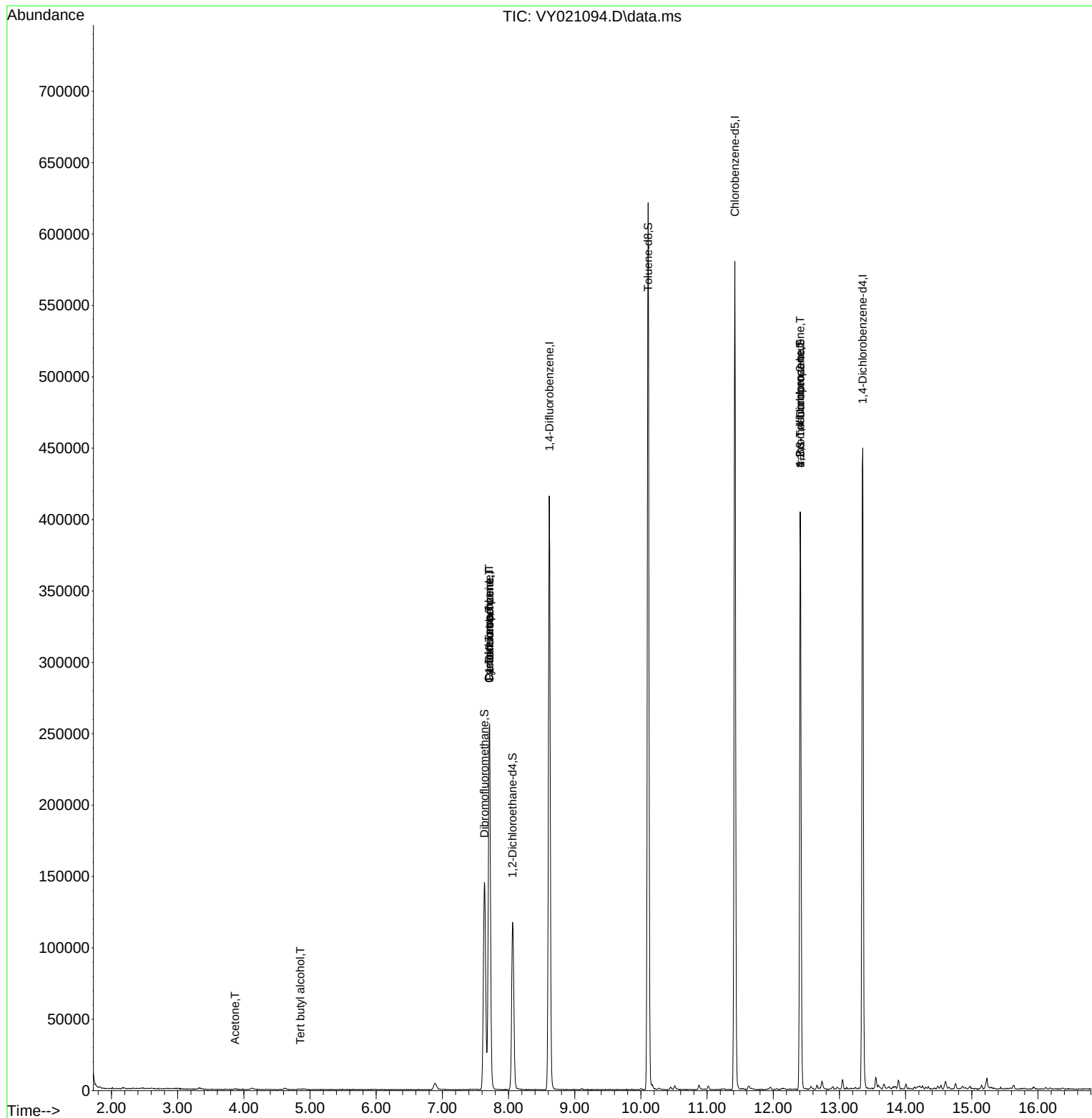
Internal Standards						
1) Pentafluorobenzene	7.713	168	197298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	339807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	293063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	112703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96249	47.613	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.220%		
35) Dibromofluoromethane	7.634	113	104097	47.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.109	98	395590	47.715	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.420%		
62) 4-Bromofluorobenzene	12.408	95	118940	43.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	513	3.745	ug/l #	86
16) Acetone	3.867	43	888	2.817	ug/l	100
31) Cyclohexane	7.707	56	4690	1.360	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	15835	4.909	ug/l #	50
38) Carbon Tetrachloride	7.707	117	20813	5.522	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	66300	64.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	66300	132.326	ug/l #	12

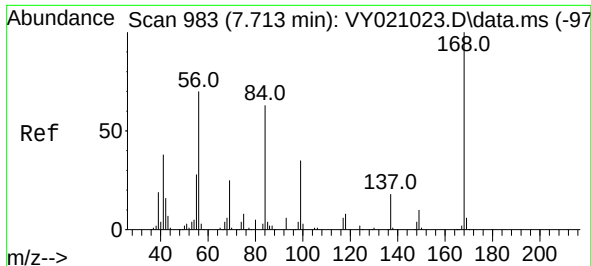
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021094.D
Acq On : 05 Feb 2025 17:21
Operator : SY/MD
Sample : Q1276-02
Misc : 4.99g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Feb 06 00:56:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

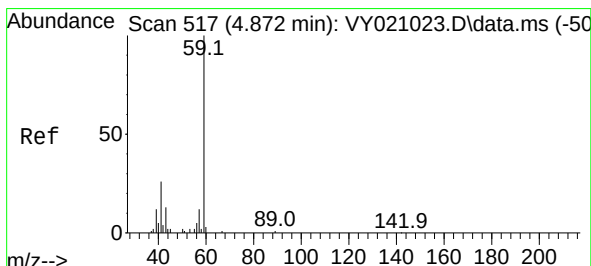
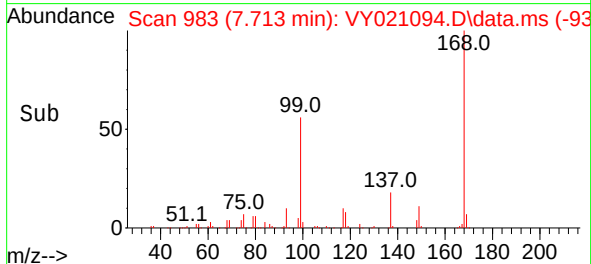
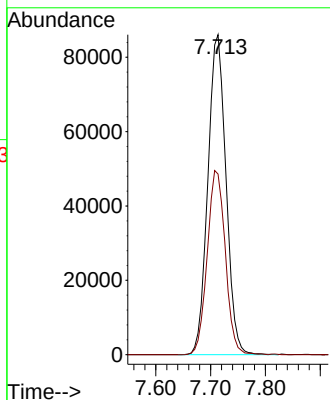
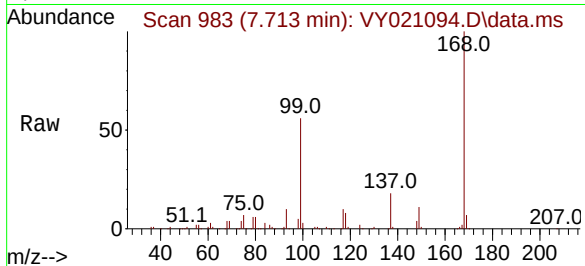




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021094.D
Acq: 05 Feb 2025 17:21

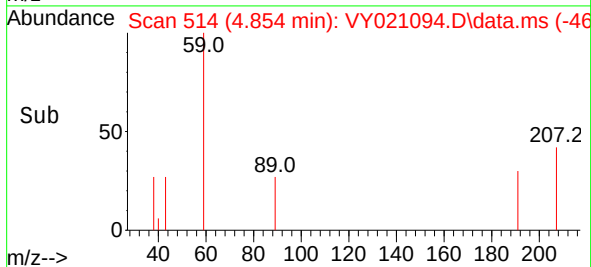
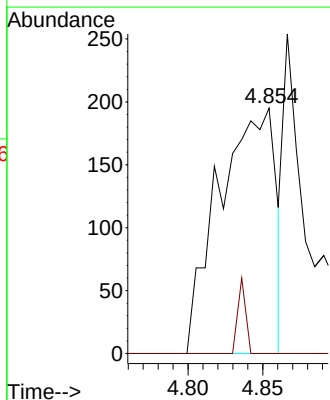
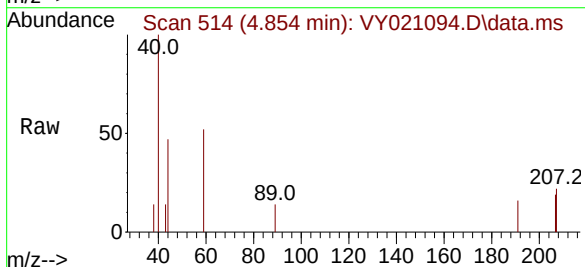
Instrument :
MSVOA_Y
ClientSampleId :

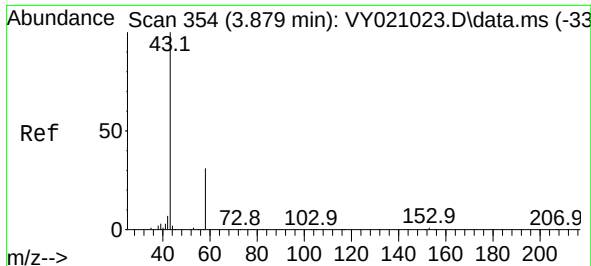
Tgt Ion:168 Resp: 197298
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.745 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021094.D
Acq: 05 Feb 2025 17:21

Tgt Ion: 59 Resp: 513
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.0#





#16

Acetone

Concen: 2.817 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.012 min

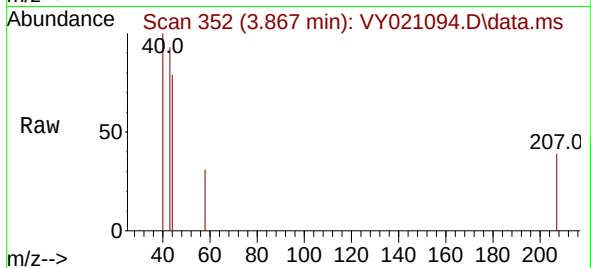
Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :

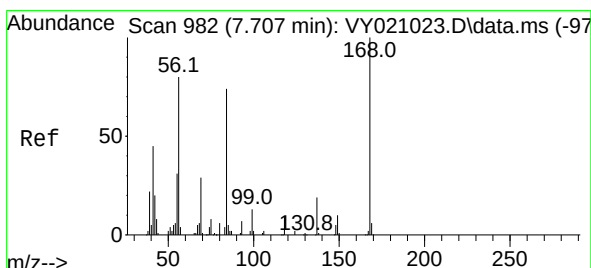
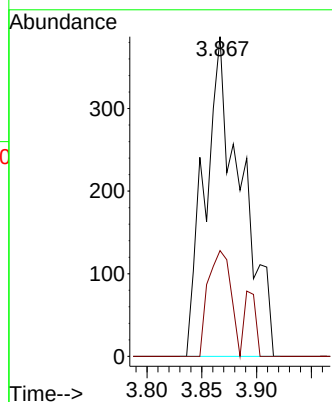
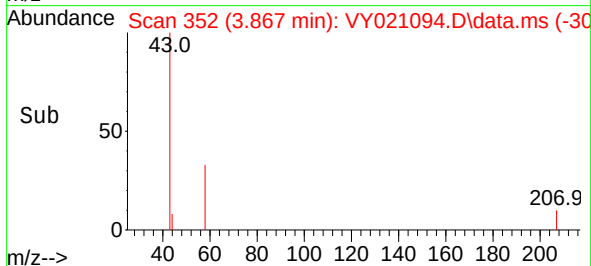


Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 33.1 26.6 39.8



#31

Cyclohexane

Concen: 1.360 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

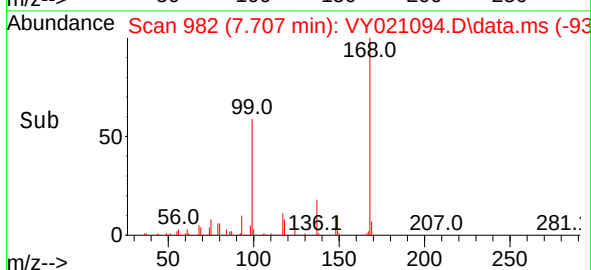
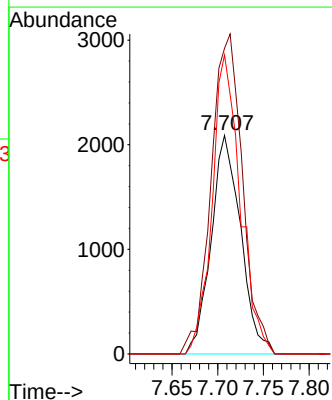
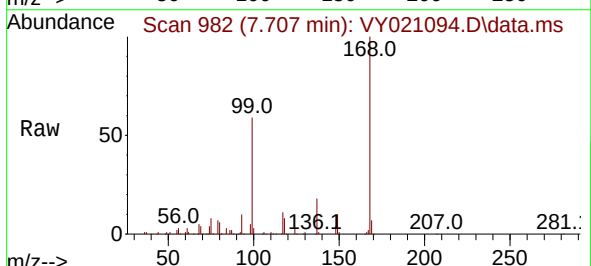
Tgt Ion: 56 Resp: 4690

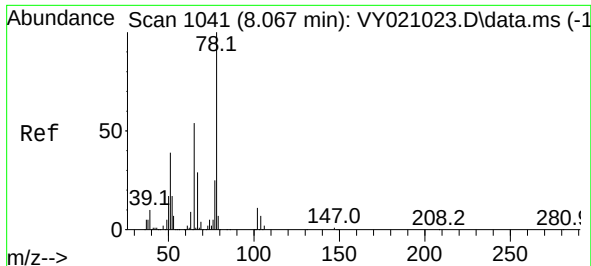
Ion Ratio Lower Upper

56 100

69 139.8 27.0 40.6#

84 136.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.613 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

Instrument :

MSVOA_Y

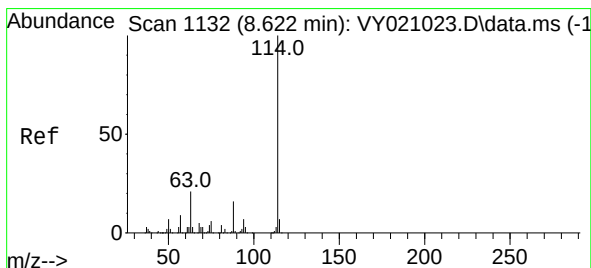
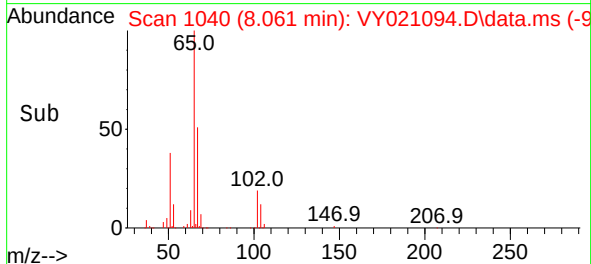
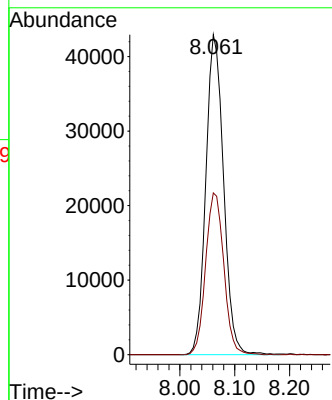
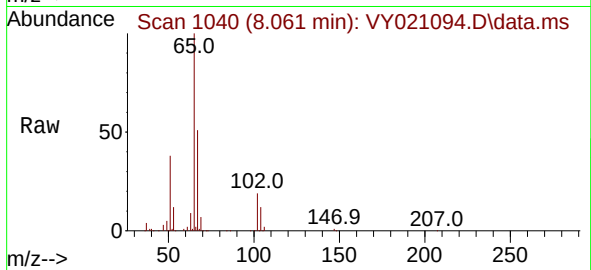
ClientSampleId :

Tgt Ion: 65 Resp: 96249

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

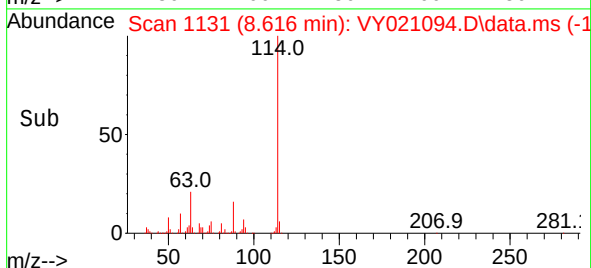
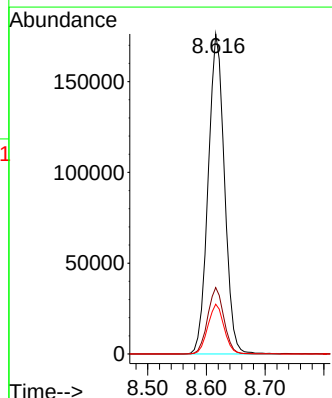
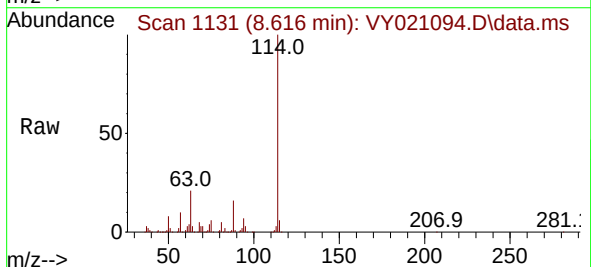
Tgt Ion:114 Resp: 339807

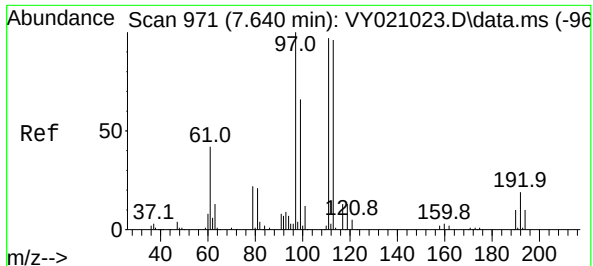
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

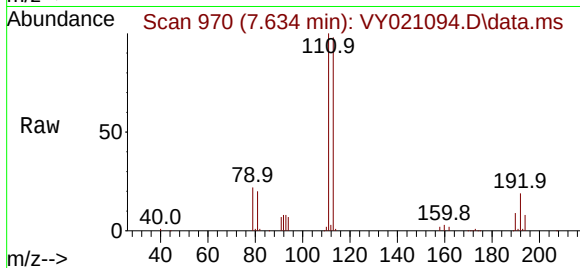
Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :



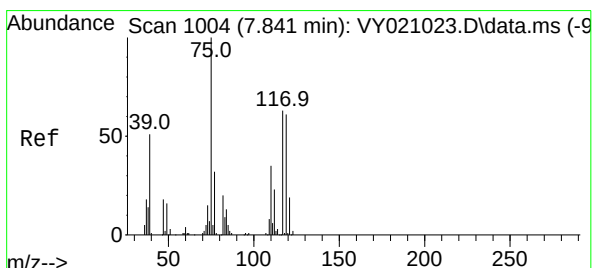
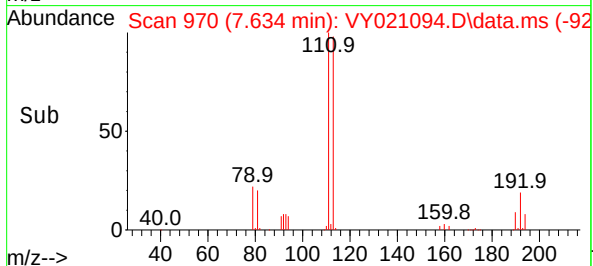
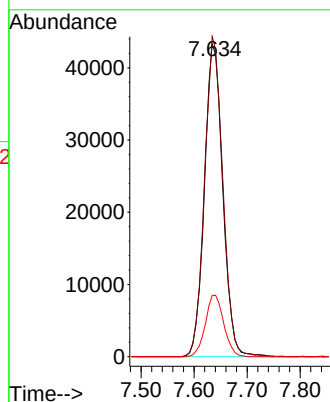
Tgt Ion:113 Resp: 104097

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 19.7 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

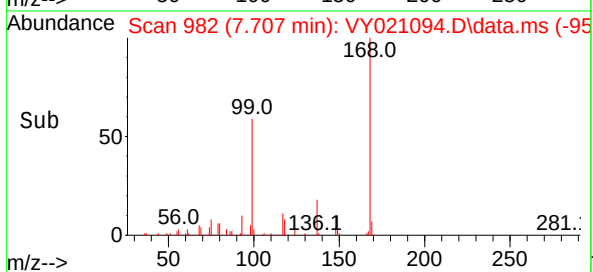
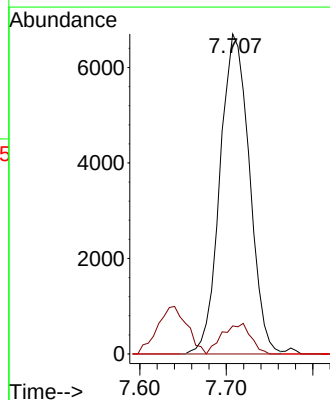
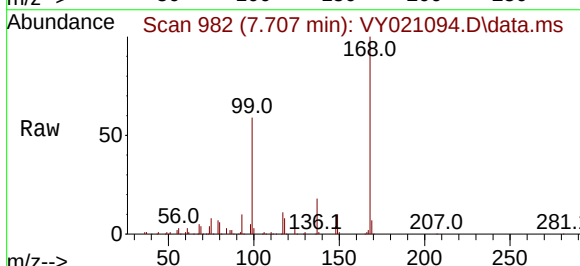
Tgt Ion: 75 Resp: 15835

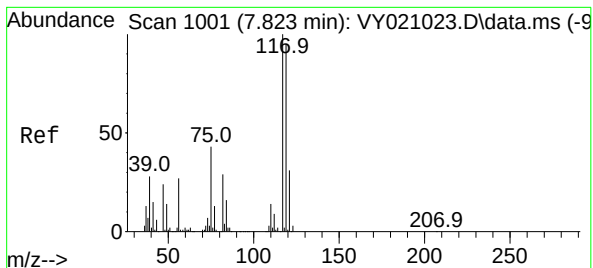
Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.522 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :

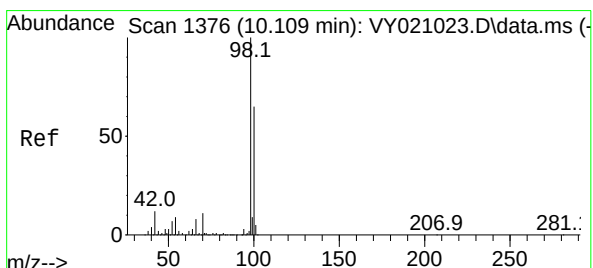
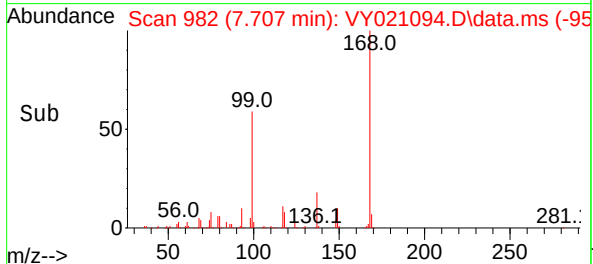
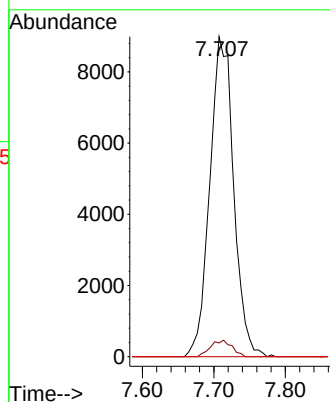
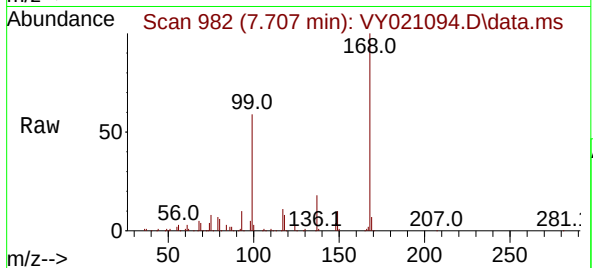
Tgt Ion:117 Resp: 20813

Ion Ratio Lower Upper

117 100

119 4.3 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 47.715 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021094.D

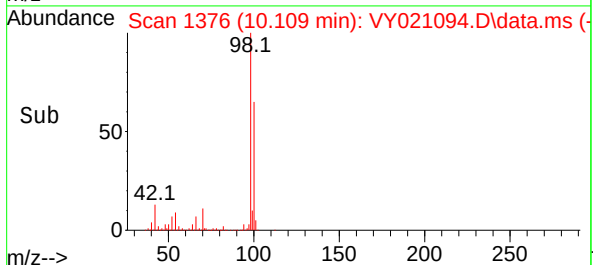
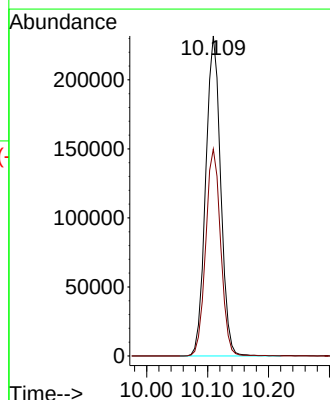
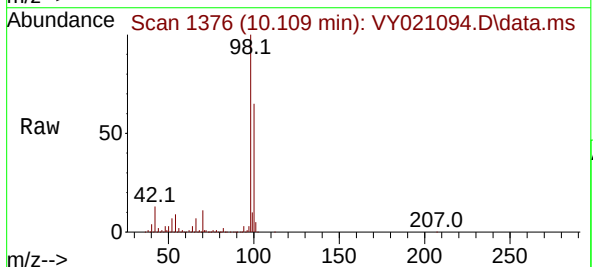
Acq: 05 Feb 2025 17:21

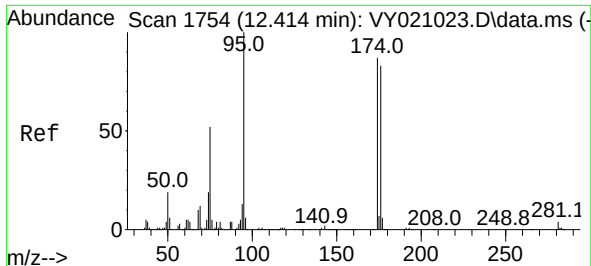
Tgt Ion: 98 Resp: 395590

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 43.913 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021094.D

Acq: 05 Feb 2025 17:21

Instrument :

MSVOA_Y

ClientSampleId :

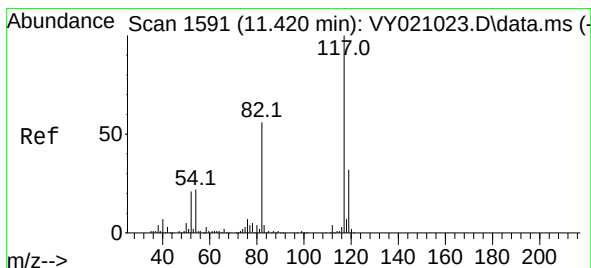
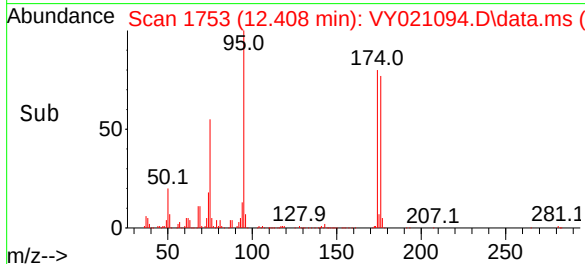
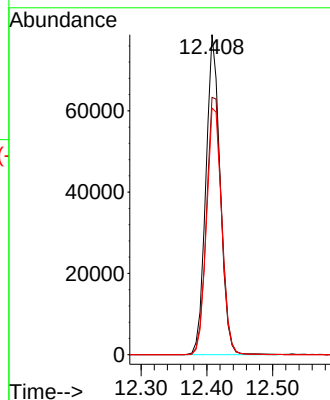
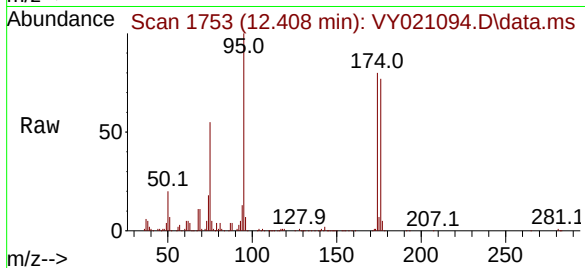
Tgt Ion: 95 Resp: 118940

Ion Ratio Lower Upper

95 100

174 85.9 0.0 160.0

176 81.6 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: VY021094.D

Acq: 05 Feb 2025 17:21

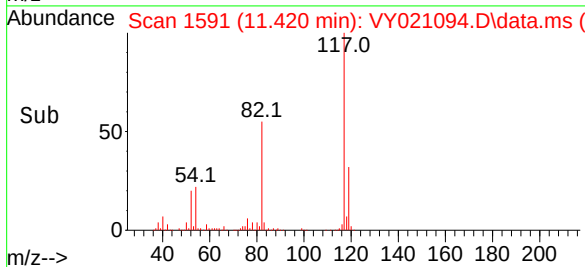
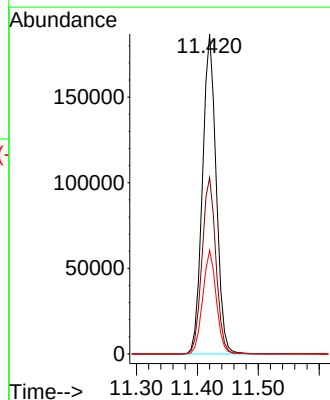
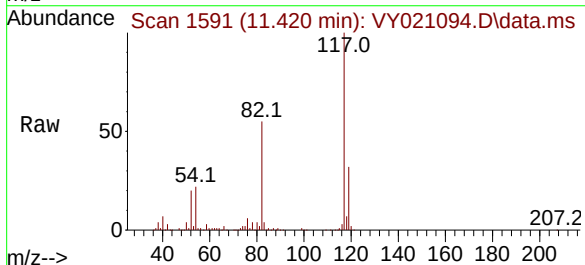
Tgt Ion: 117 Resp: 293063

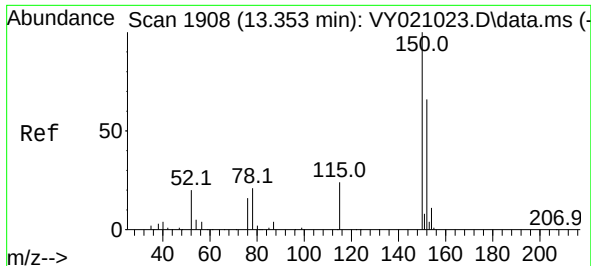
Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

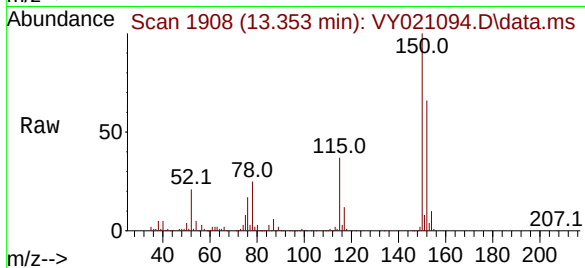
119 32.4 26.5 39.7



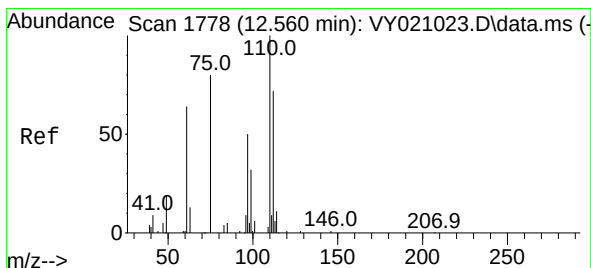
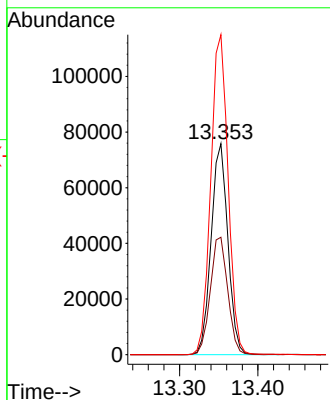
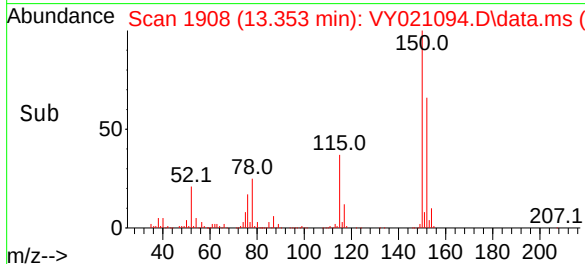


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021094.D
Acq: 05 Feb 2025 17:21

Instrument :
MSVOA_Y
ClientSampleId :

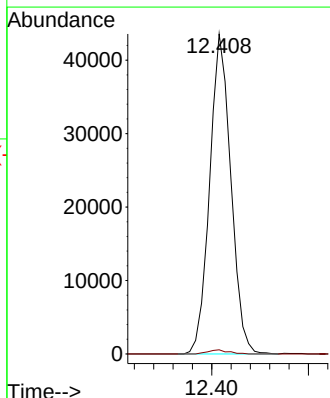
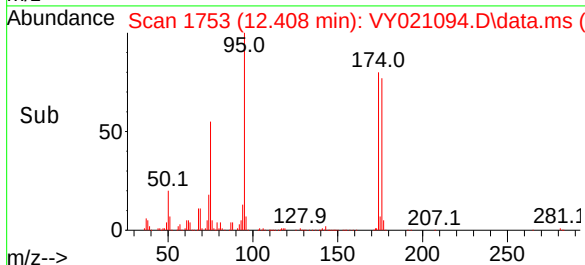
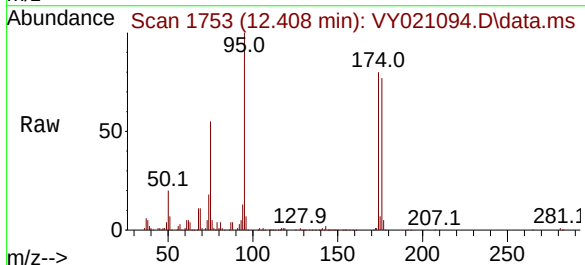


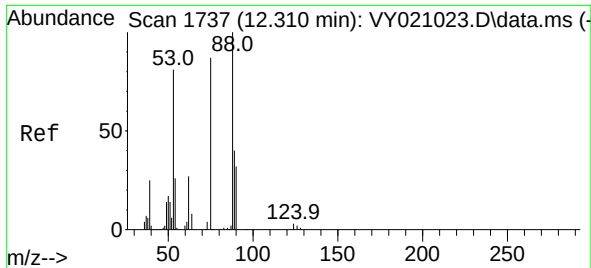
Tgt Ion:152 Resp: 112703
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 156.6 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 64.850 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021094.D
Acq: 05 Feb 2025 17:21

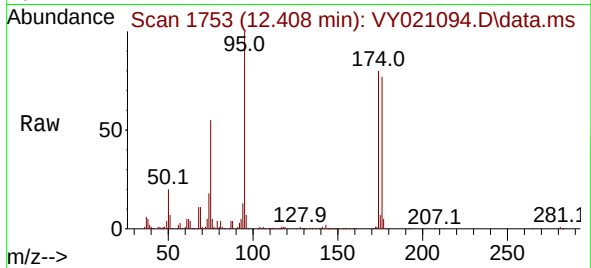
Tgt Ion: 75 Resp: 66300
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.326 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY021094.D
 Acq: 05 Feb 2025 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 66300
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

