

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021093.D
 Acq On : 05 Feb 2025 16:58
 Operator : SY/MD
 Sample : Q1286-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 06 00:56:40 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)

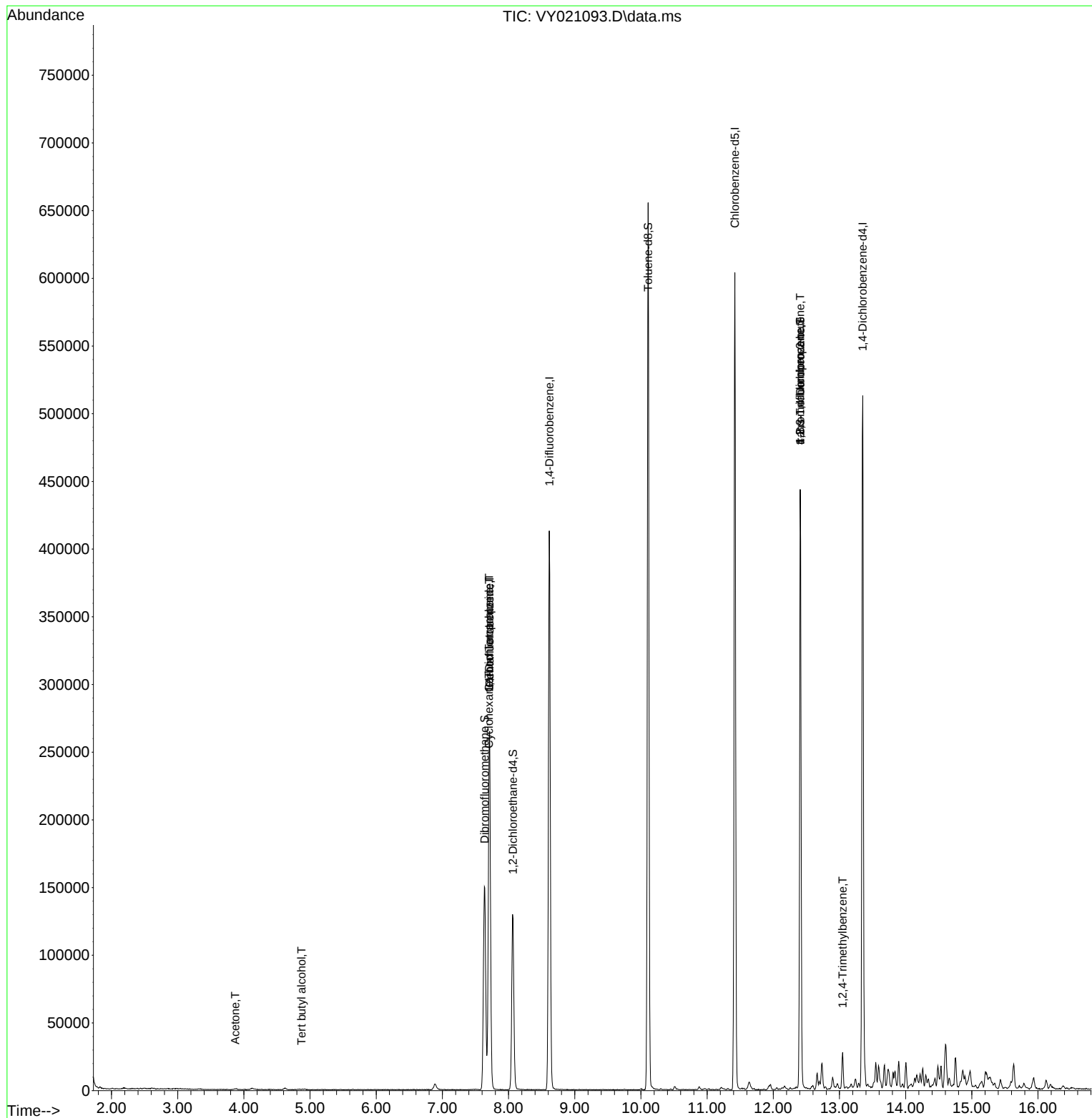
Internal Standards						
1) Pentafluorobenzene	7.713	168	203936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	340354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	307078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	127720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102920	49.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.520%
35) Dibromofluoromethane	7.640	113	107906	49.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.109	98	410838	49.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.407	95	130136	47.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	158	1.116	ug/l #	75
16) Acetone	3.872	43	1167	3.581	ug/l #	85
31) Cyclohexane	7.701	56	4333	1.216	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	15705	4.861	ug/l #	52
38) Carbon Tetrachloride	7.707	117	20811	5.513	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	70770	61.084	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	70770	124.640	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.047	105	13754	1.739	ug/l	97

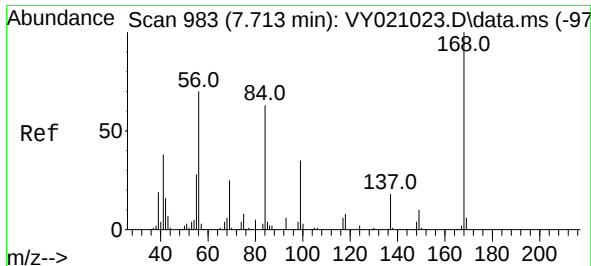
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021093.D
Acq On : 05 Feb 2025 16:58
Operator : SY/MD
Sample : Q1286-02
Misc : 5.05g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: Feb 06 00:56:40 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

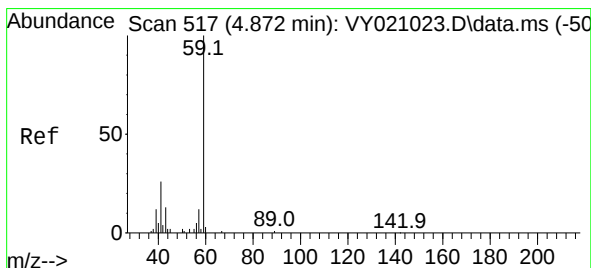
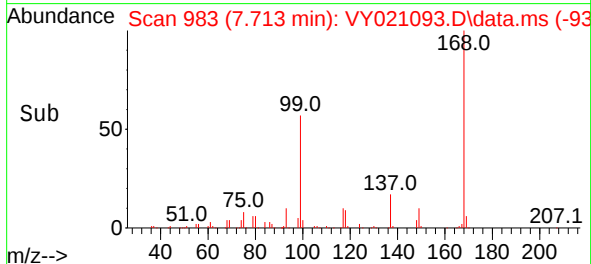
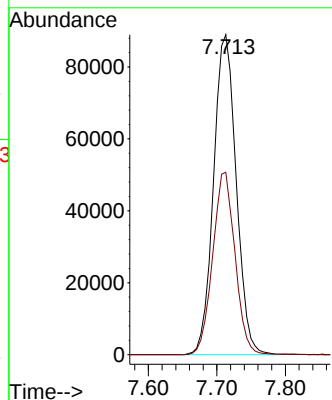
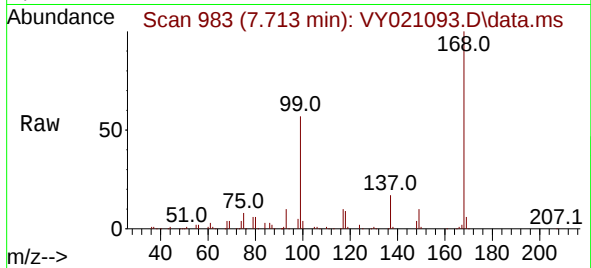




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

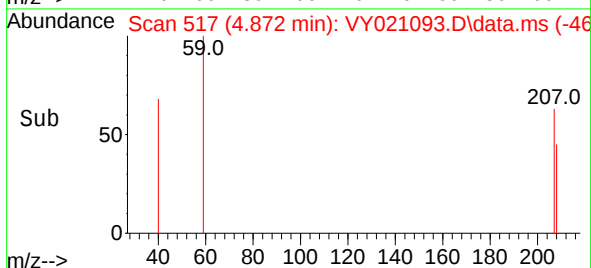
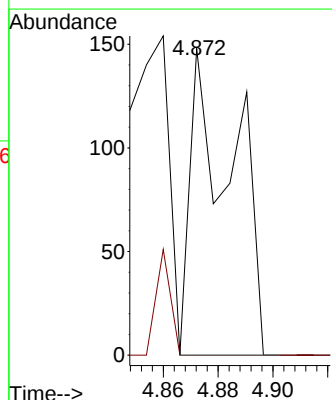
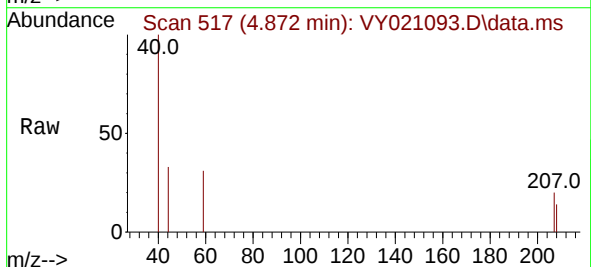
Instrument :
MSVOA_Y
ClientSampleId :

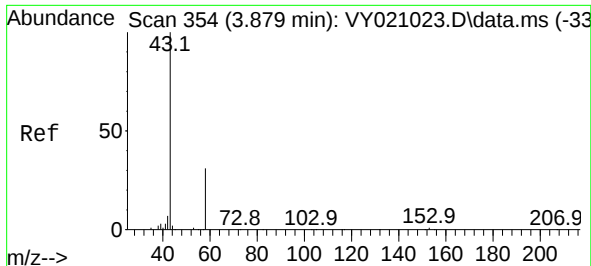
Tgt Ion:168 Resp: 203936
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.116 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

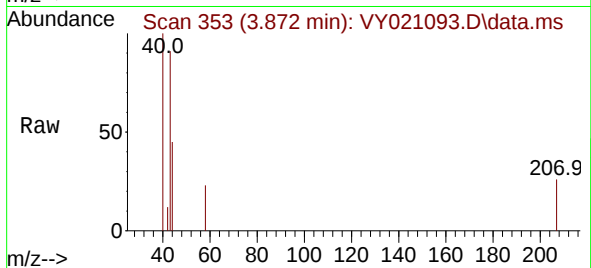
Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



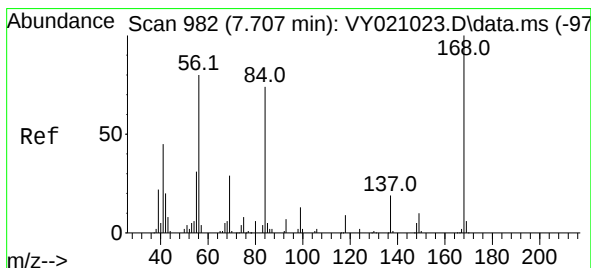
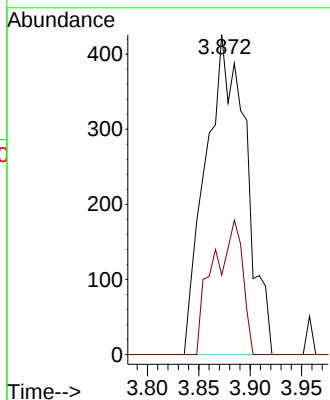
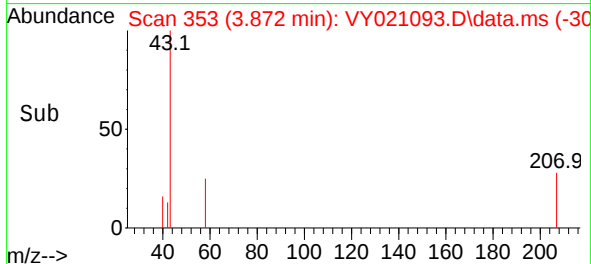


#16
Acetone
Concen: 3.581 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Instrument :
MSVOA_Y
ClientSampleId :

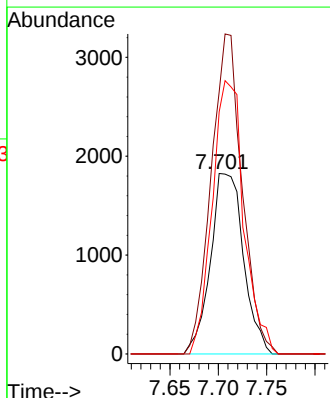
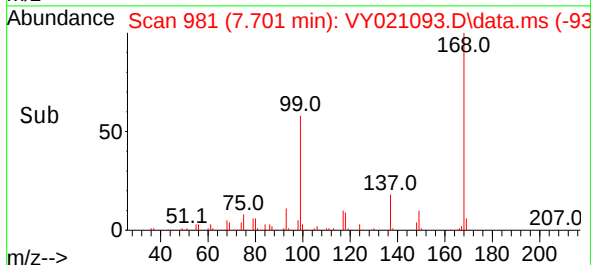
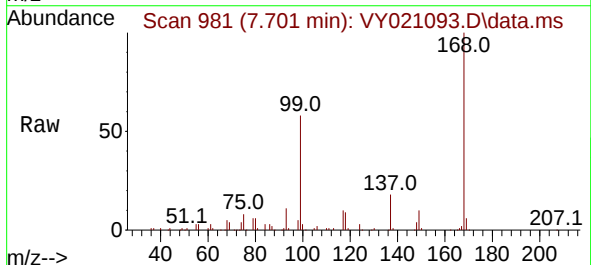


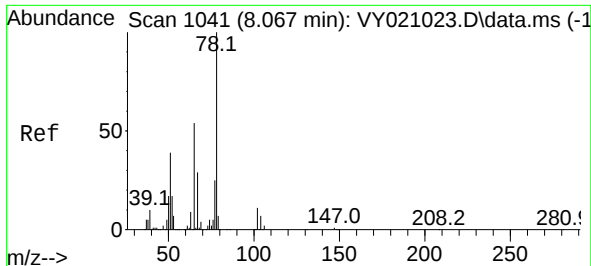
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 24.9 26.6 39.8#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion: 56 Resp: 4333
Ion Ratio Lower Upper
56 100
69 145.1 27.0 40.6#
84 134.1 71.8 107.6#

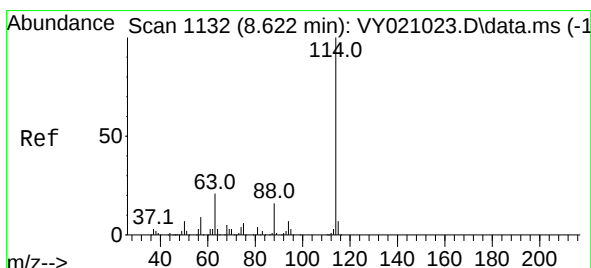
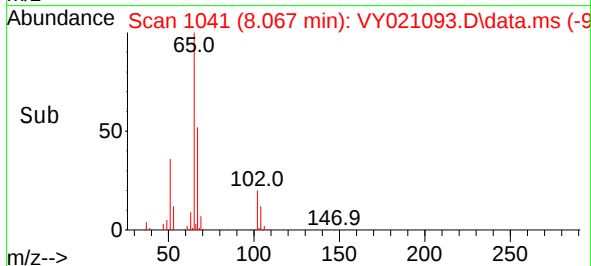
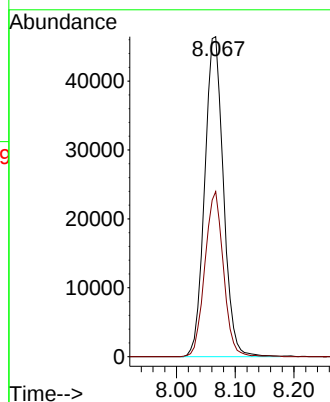
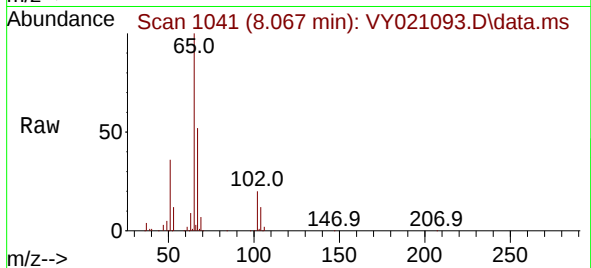




#33
1,2-Dichloroethane-d4
Concen: 49.256 ug/l
RT: 8.067 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

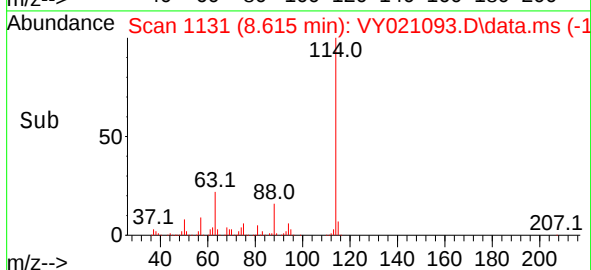
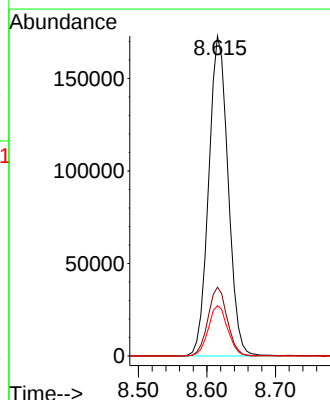
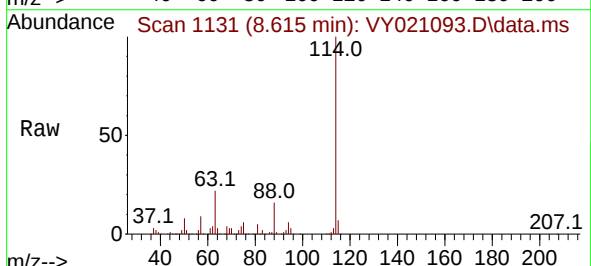
Instrument :
MSVOA_Y
ClientSampleId :

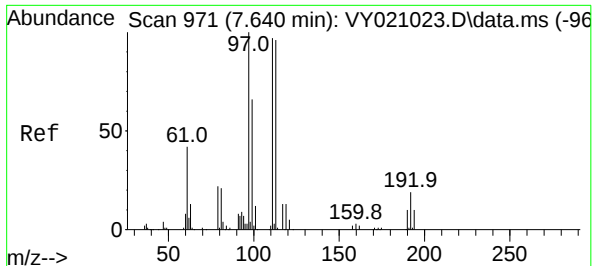
Tgt Ion: 65 Resp: 102920
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion:114 Resp: 340354
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.4
88 15.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.471 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

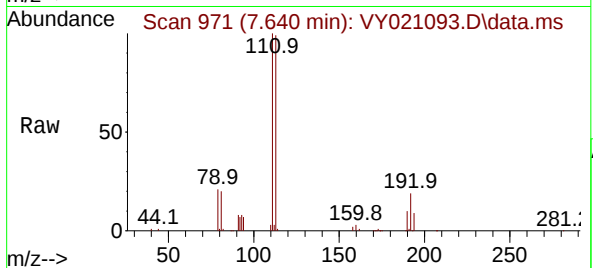
Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :



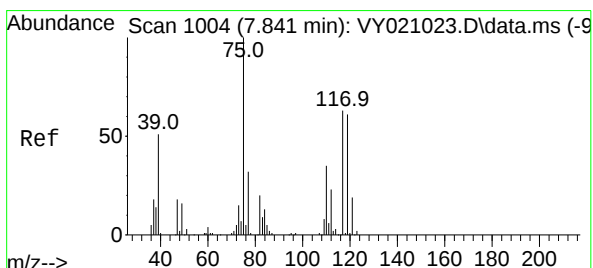
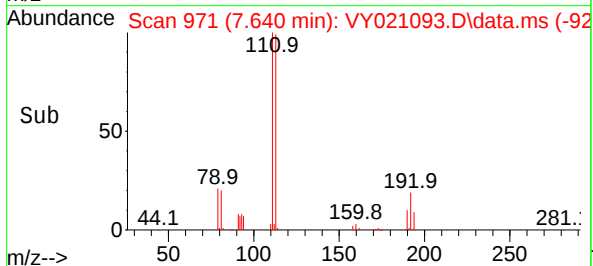
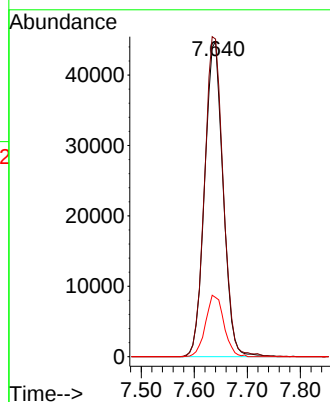
Tgt Ion:113 Resp: 107906

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 19.5 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.861 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.135 min

Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

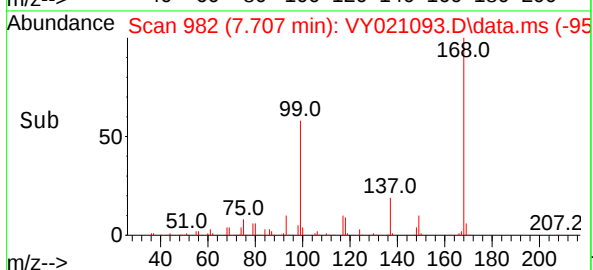
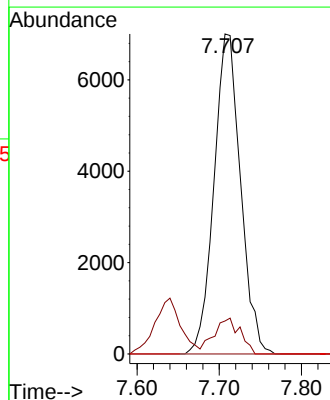
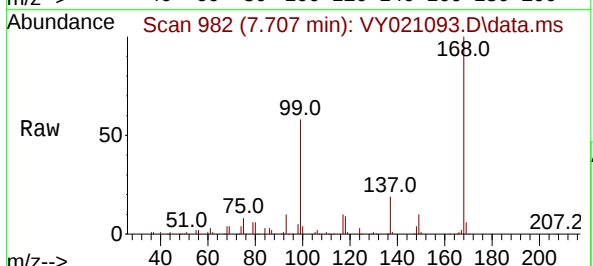
Tgt Ion: 75 Resp: 15705

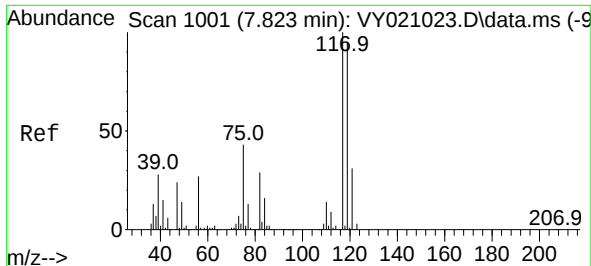
Ion Ratio Lower Upper

75 100

110 11.0 17.4 52.3#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.513 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

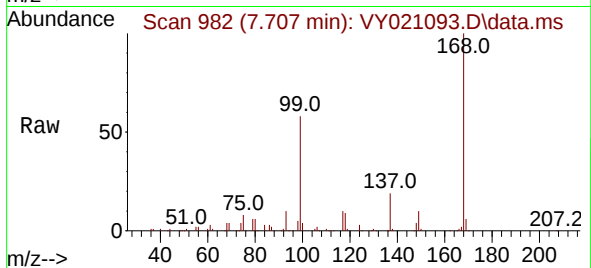
Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :



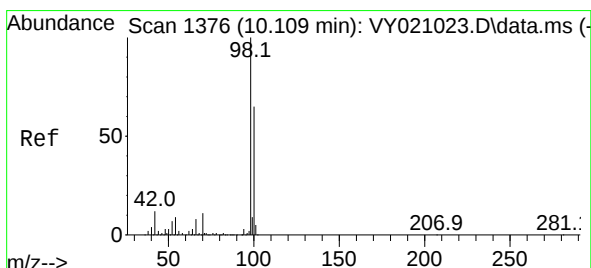
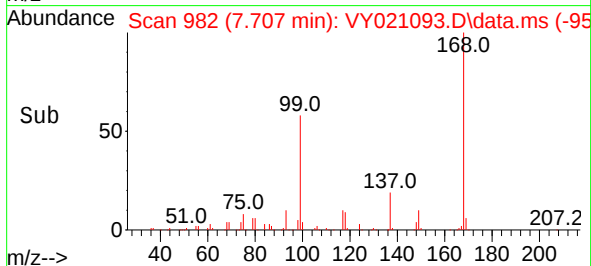
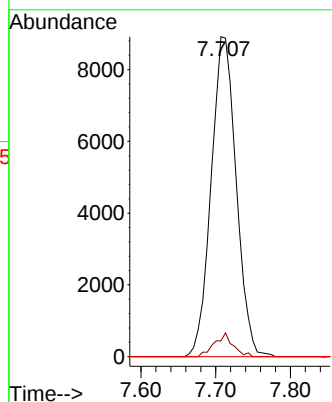
Tgt Ion:117 Resp: 20811

Ion Ratio Lower Upper

117 100

119 4.9 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.475 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021093.D

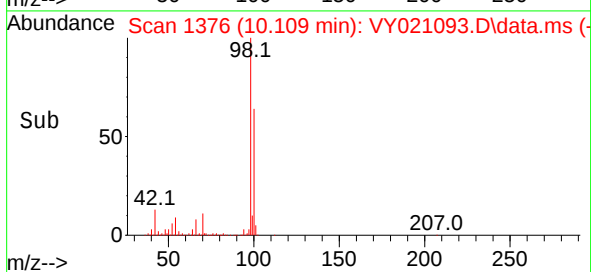
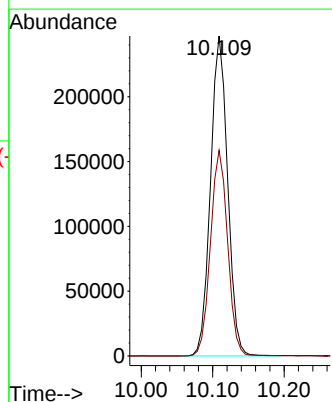
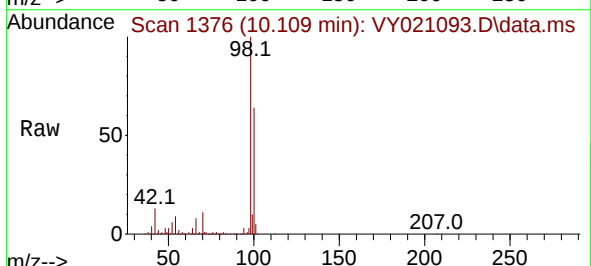
Acq: 05 Feb 2025 16:58

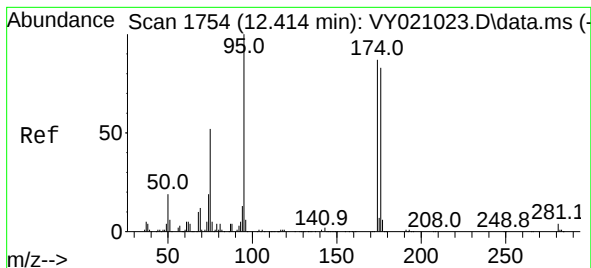
Tgt Ion: 98 Resp: 410838

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 47.970 ug/l

RT: 12.407 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021093.D

Acq: 05 Feb 2025 16:58

Instrument :

MSVOA_Y

ClientSampleId :

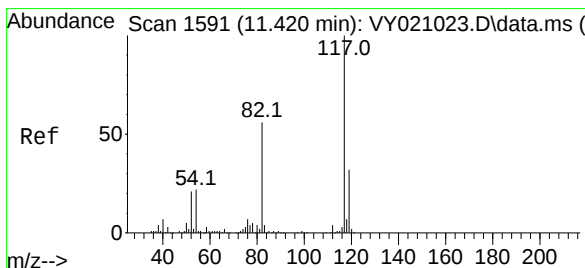
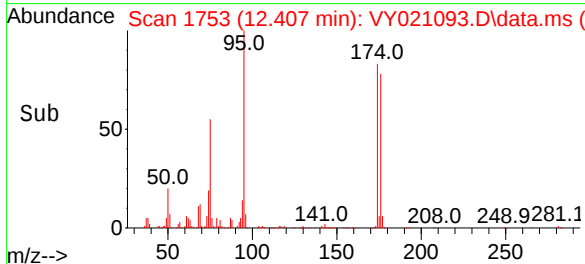
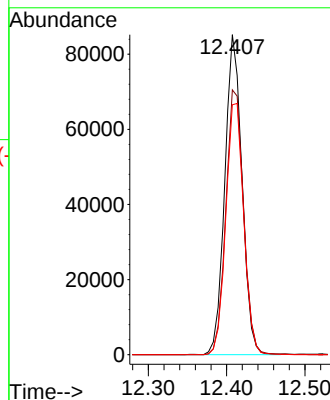
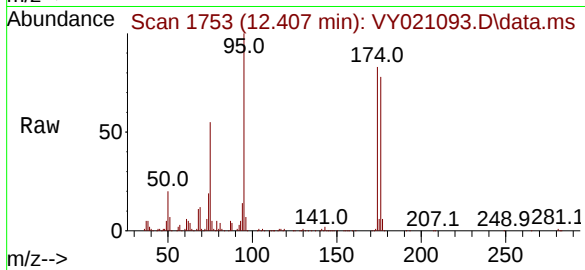
Tgt Ion: 95 Resp: 130136

Ion Ratio Lower Upper

95 100

174 85.8 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: VY021093.D

Acq: 05 Feb 2025 16:58

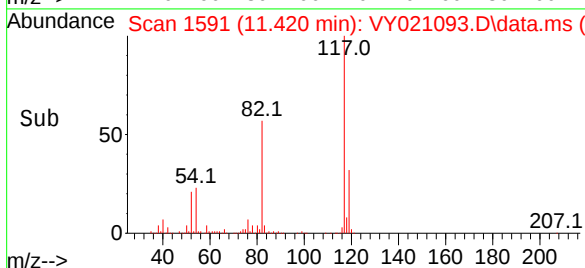
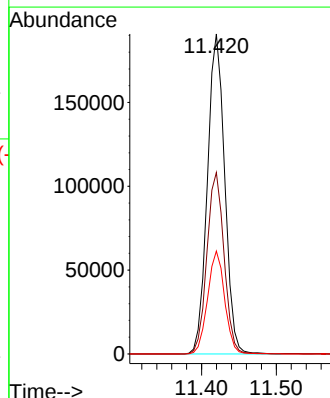
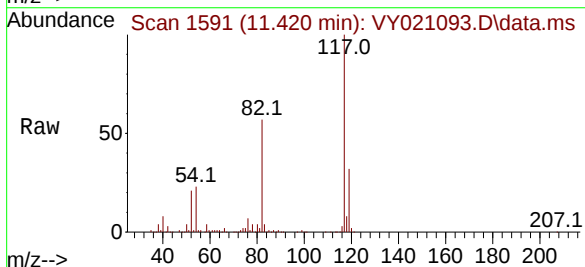
Tgt Ion: 117 Resp: 307078

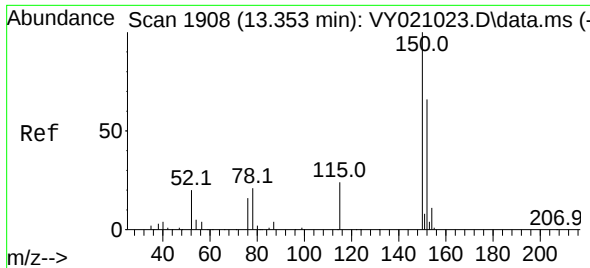
Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

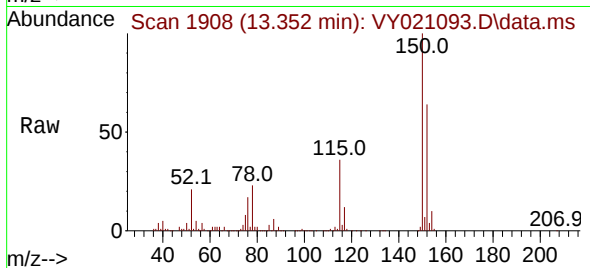
119 32.2 26.5 39.7



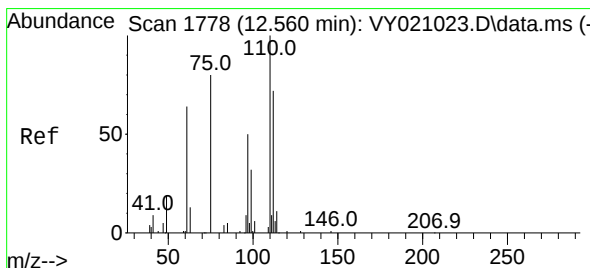
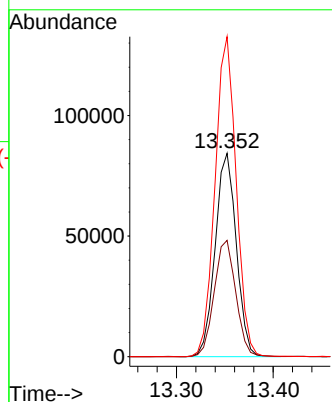
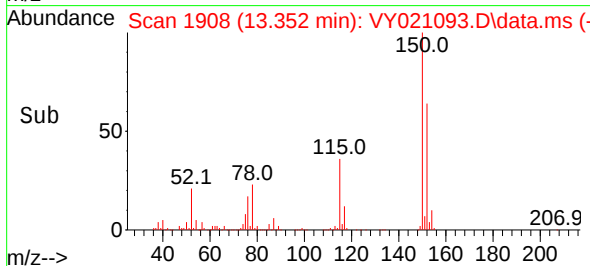


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021093.D
 Acq: 05 Feb 2025 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :

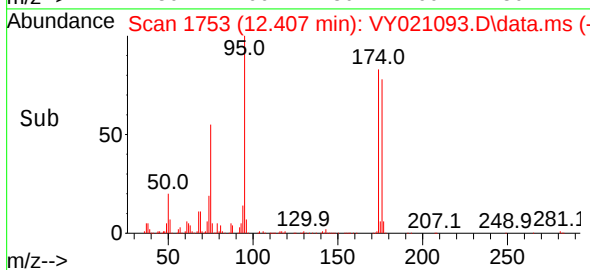
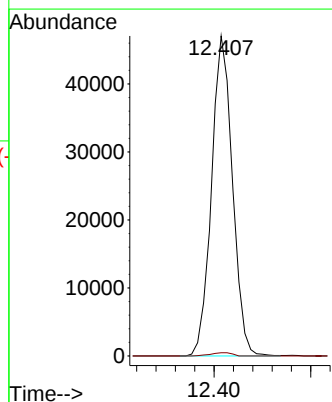
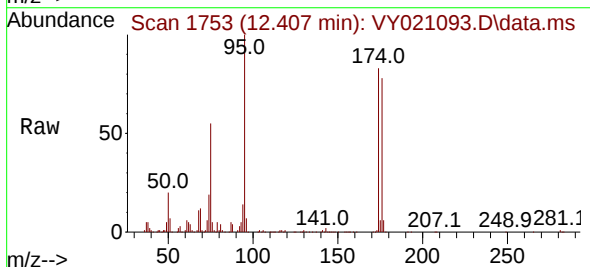


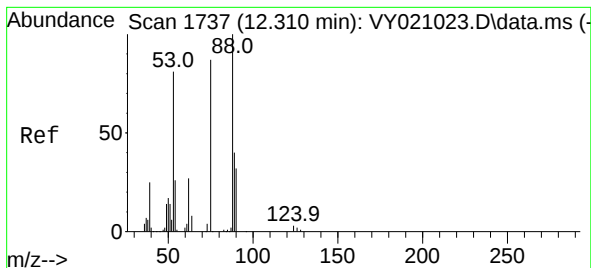
Tgt Ion:152 Resp: 127720
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.0 90.0
 150 157.3 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 61.084 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021093.D
 Acq: 05 Feb 2025 16:58

Tgt Ion: 75 Resp: 70770
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

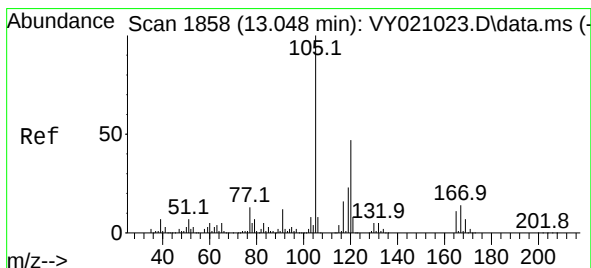
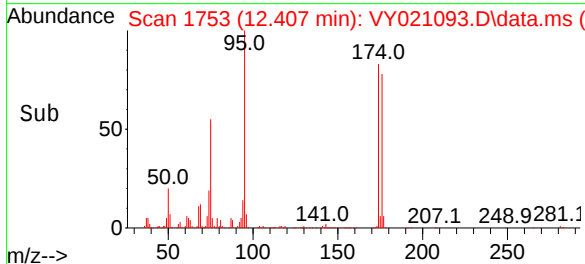
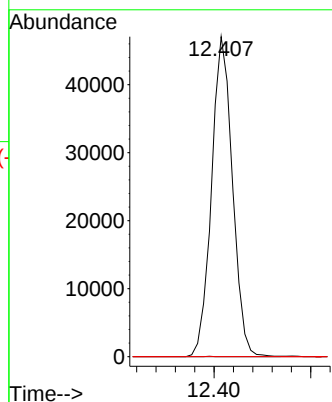
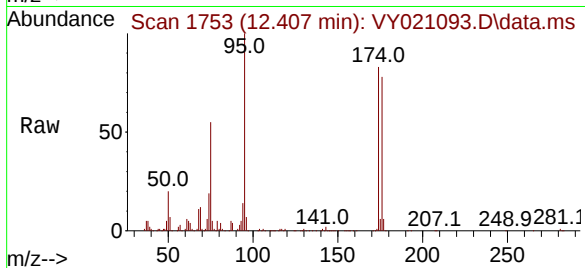




#81
trans-1,4-Dichloro-2-butene
Concen: 124.640 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70770
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 1.739 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021093.D
Acq: 05 Feb 2025 16:58

Tgt Ion: 105 Resp: 13754
Ion Ratio Lower Upper
105 100
120 42.5 22.1 66.3

