

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022508.D
 Acq On : 02 Jun 2025 18:44
 Operator : SY/MD
 Sample : Q2150-02RE
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B27-SOIL-SAMPLE

Quant Time: Jun 03 04:09:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

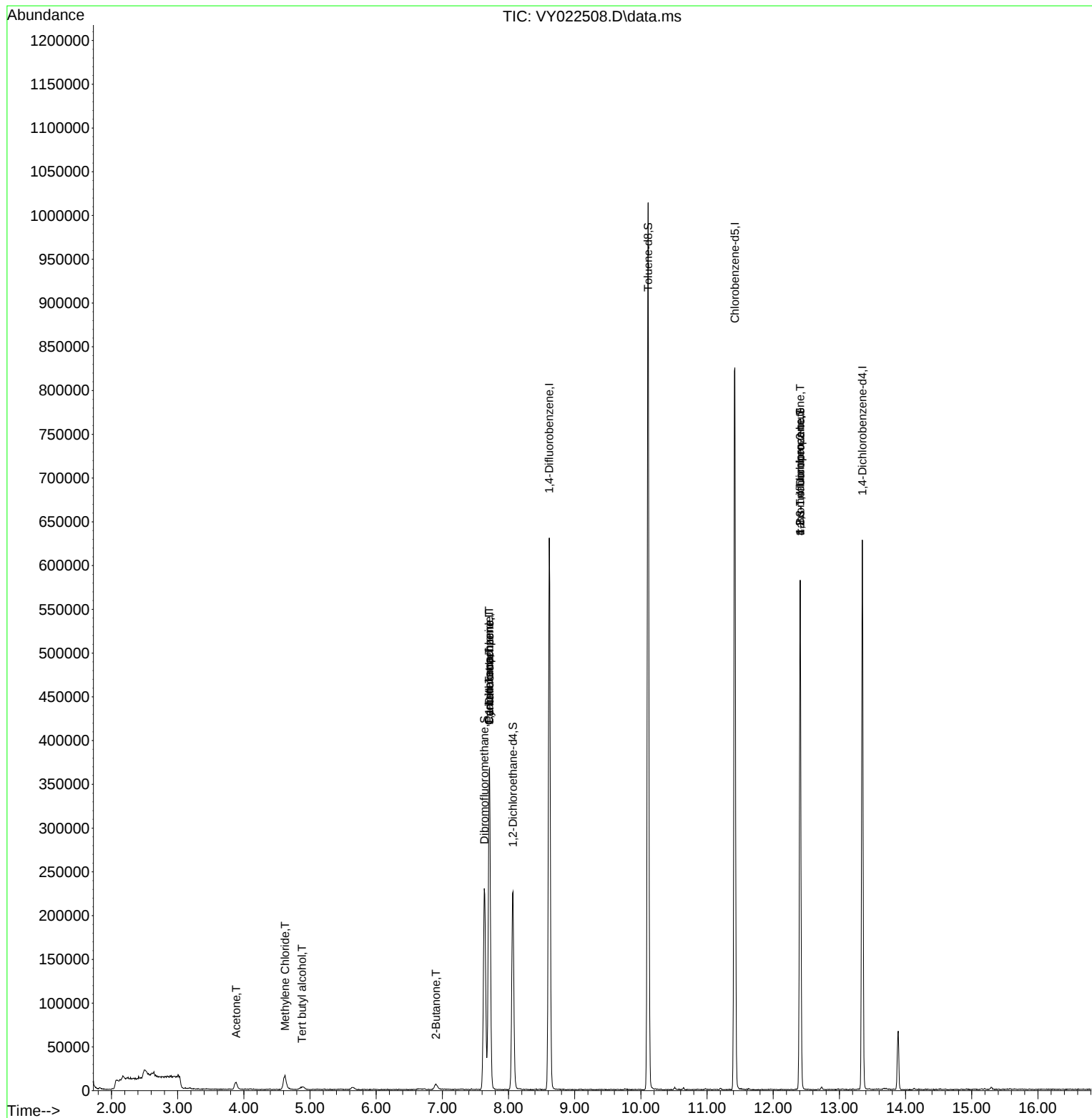
Internal Standards						
1) Pentafluorobenzene	7.713	168	279093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	514728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	411552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	170529	54.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.260%
35) Dibromofluoromethane	7.634	113	159229	51.827	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.109	98	621468	50.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.408	95	154197	41.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	4623	20.736	ug/l	96
16) Acetone	3.885	43	14916	23.529	ug/l	99
20) Methylene Chloride	4.622	84	10514	2.920	ug/l	93
25) 2-Butanone	6.902	43	3652	3.994	ug/l	92
31) Cyclohexane	7.707	56	7599	1.267	ug/l #	23
36) 1,1-Dichloropropene	7.707	75	24908	4.995	ug/l #	52
38) Carbon Tetrachloride	7.707	117	28130	5.499	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	90993	55.642	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	90993	134.372	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022508.D
Acq On : 02 Jun 2025 18:44
Operator : SY/MD
Sample : Q2150-02RE
Misc : 6.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

Quant Time: Jun 03 04:09:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

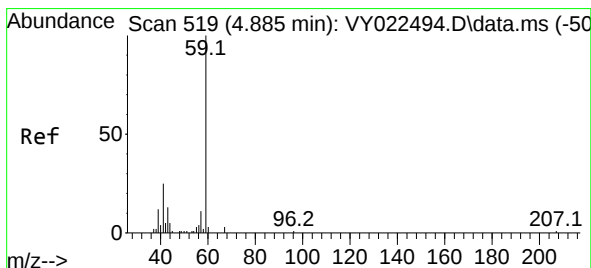
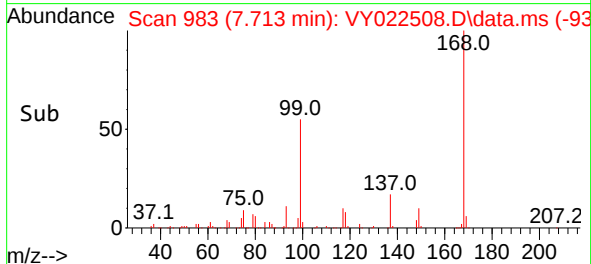
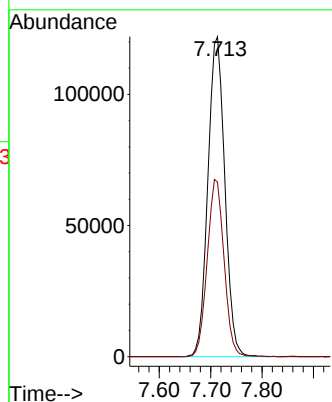
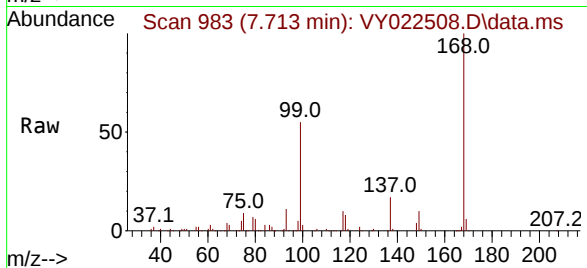




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

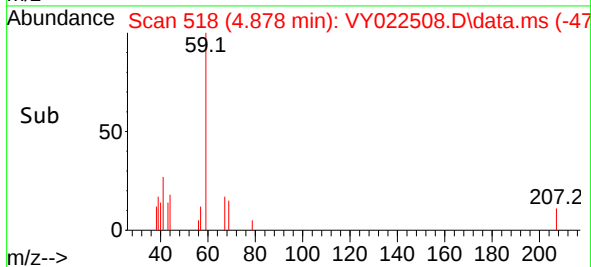
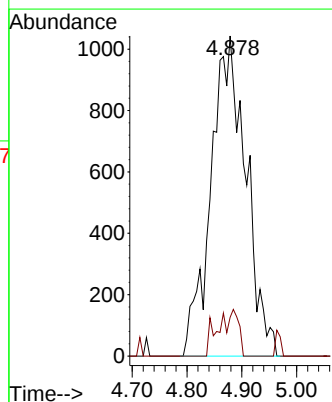
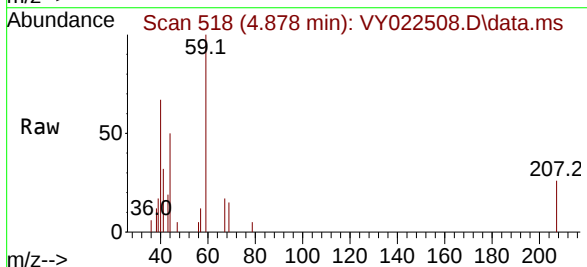
Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

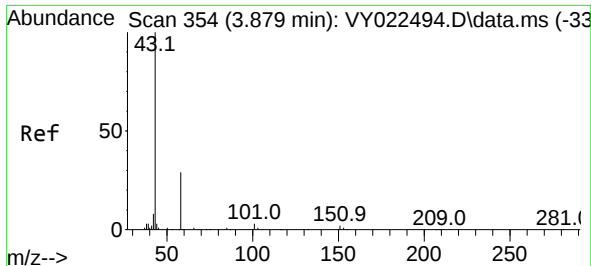
Tgt Ion:168 Resp: 279093
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5



#11
Tert butyl alcohol
Concen: 20.736 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Tgt Ion: 59 Resp: 4623
Ion Ratio Lower Upper
59 100
57 8.4 8.0 12.0

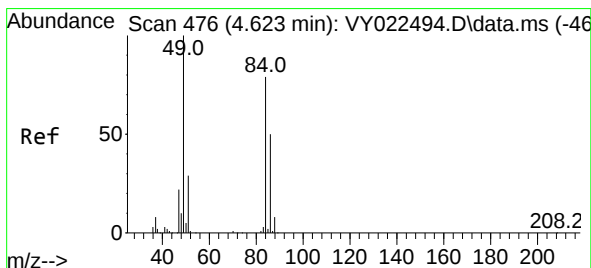
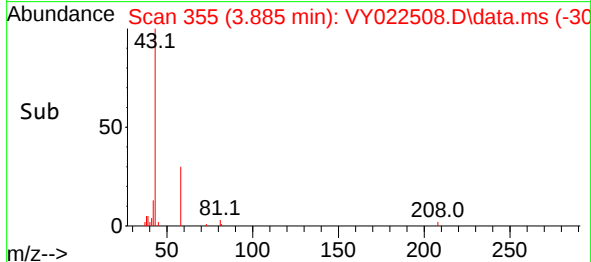
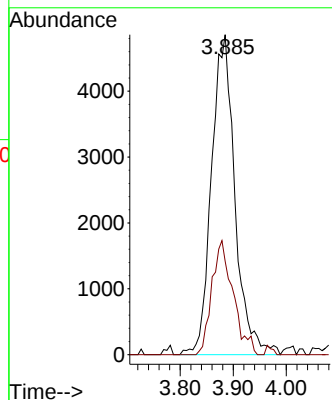
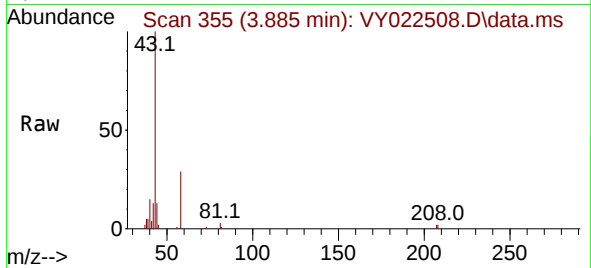




#16
Acetone
Concen: 23.529 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

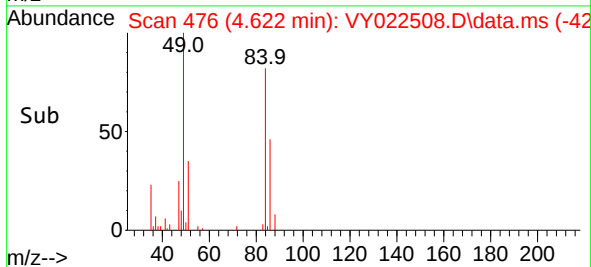
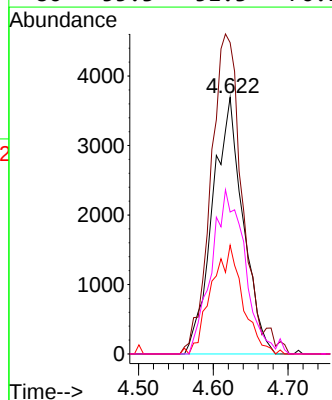
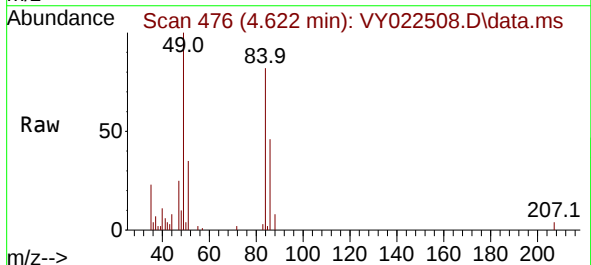
Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

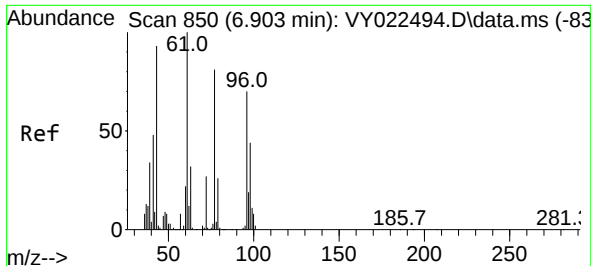
Tgt Ion: 43 Resp: 14916
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0



#20
Methylene Chloride
Concen: 2.920 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Tgt Ion: 84 Resp: 10514
Ion Ratio Lower Upper
84 100
49 121.4 101.9 152.9
51 42.4 29.8 44.8
86 55.3 51.3 76.9

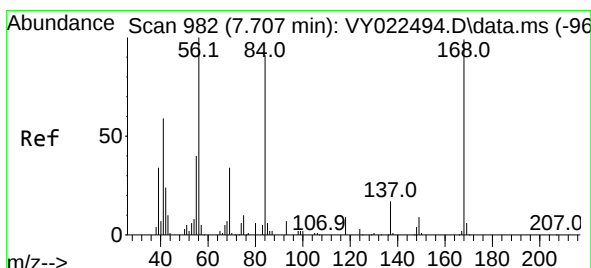
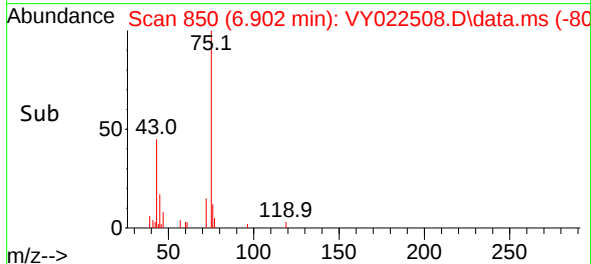
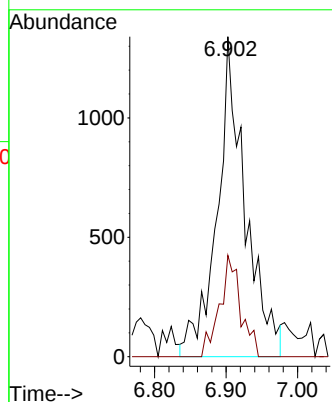
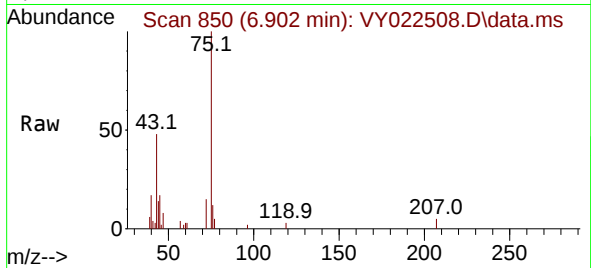




#25
2-Butanone
Concen: 3.994 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

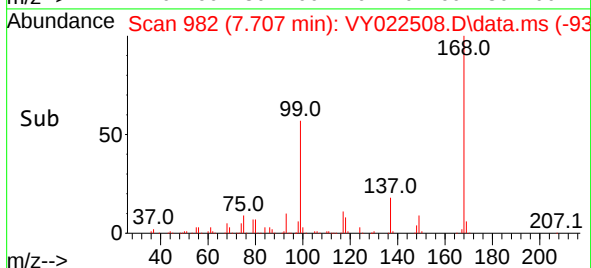
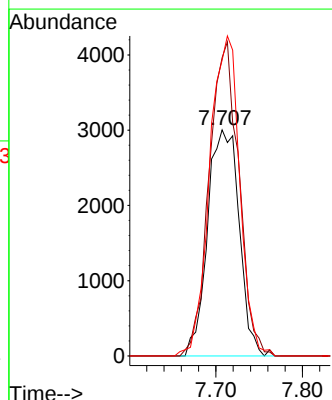
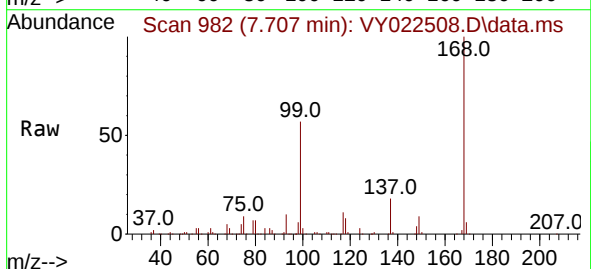
Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

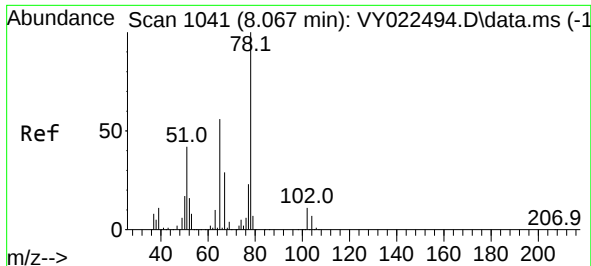
Tgt Ion: 43 Resp: 3652
Ion Ratio Lower Upper
43 100
72 32.9 22.9 34.3



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Tgt Ion: 56 Resp: 7599
Ion Ratio Lower Upper
56 100
69 131.9 27.0 40.6#
84 130.9 72.6 109.0#

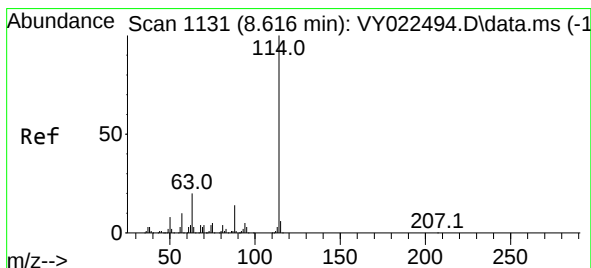
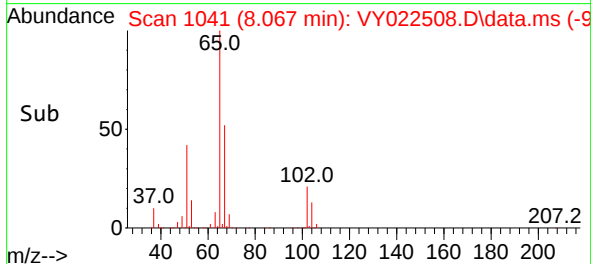
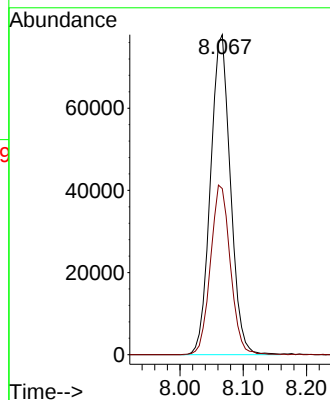
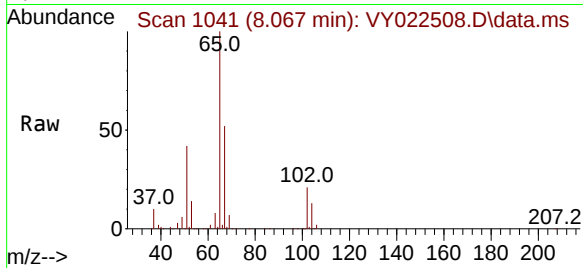




#33
 1,2-Dichloroethane-d4
 Concen: 54.630 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: VY022508.D
 Acq: 02 Jun 2025 18:44

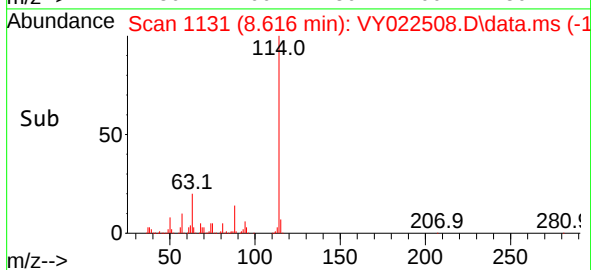
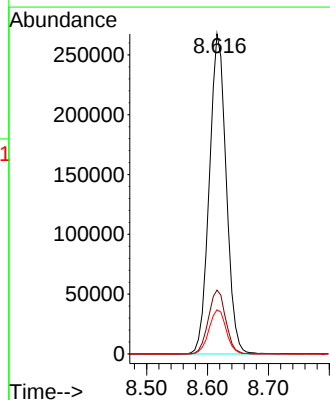
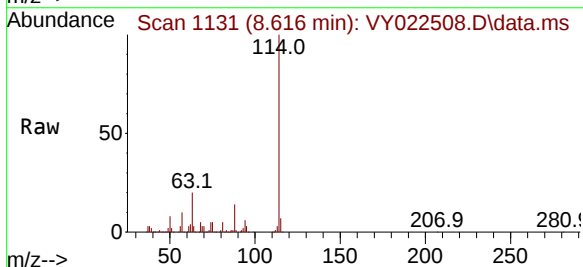
Instrument :
 MSVOA_Y
 ClientSampleId :
 B27-SOIL-SAMPLE

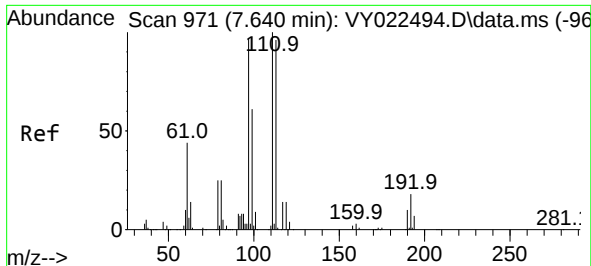
Tgt Ion: 65 Resp: 170529
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022508.D
 Acq: 02 Jun 2025 18:44

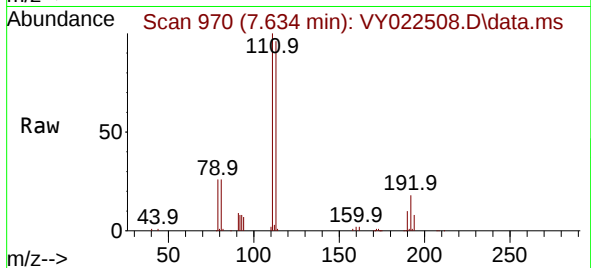
Tgt Ion: 114 Resp: 514728
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 13.8 0.0 27.8



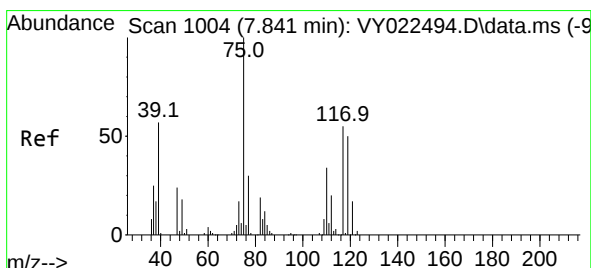
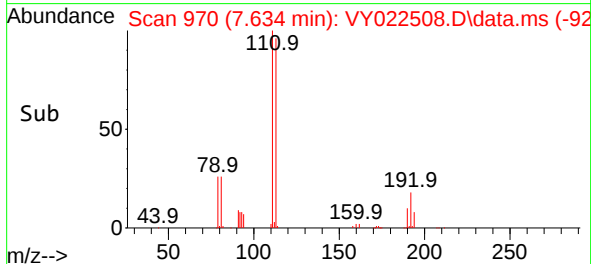
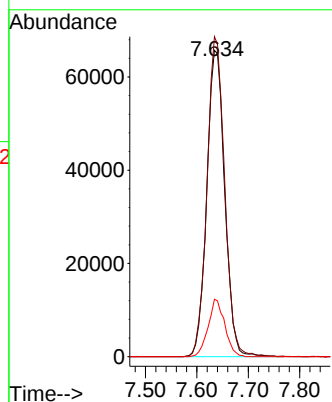


#35
Dibromofluoromethane
Concen: 51.827 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

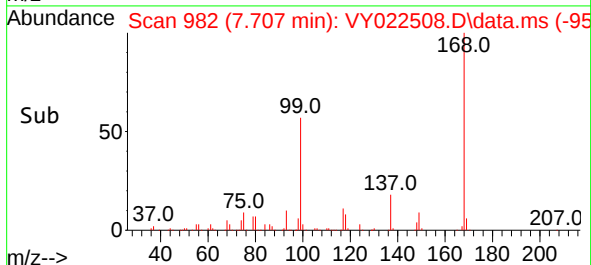
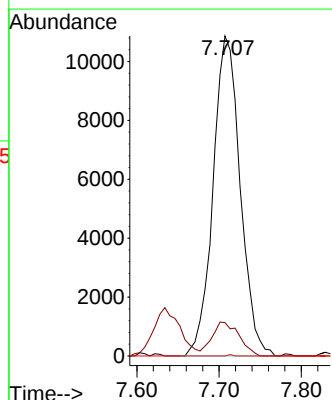
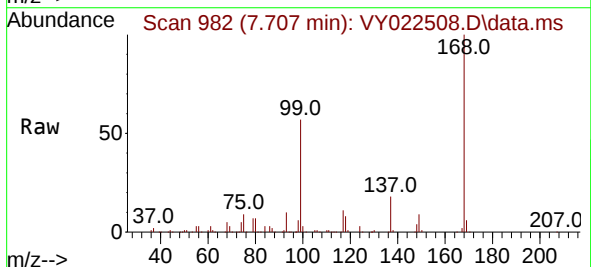


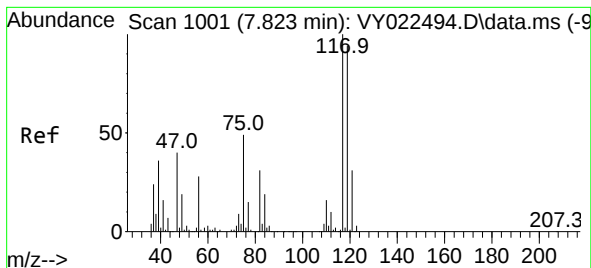
Tgt Ion:113 Resp: 159229
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 17.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.995 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Tgt Ion: 75 Resp: 24908
Ion Ratio Lower Upper
75 100
110 10.5 16.9 50.7#
77 0.1 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.499 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY022508.D

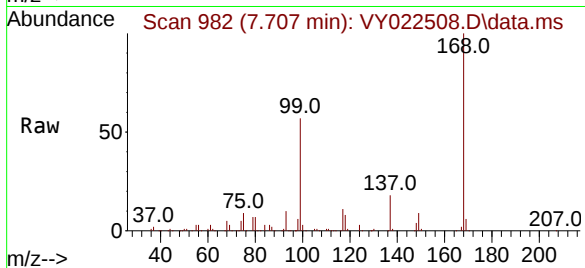
Acq: 02 Jun 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

B27-SOIL-SAMPLE



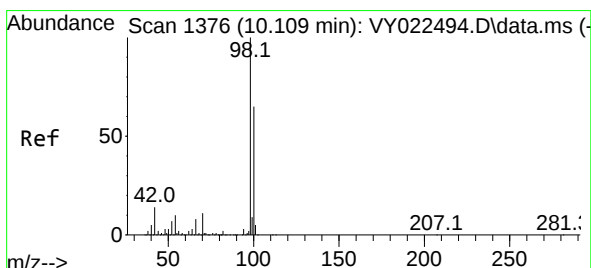
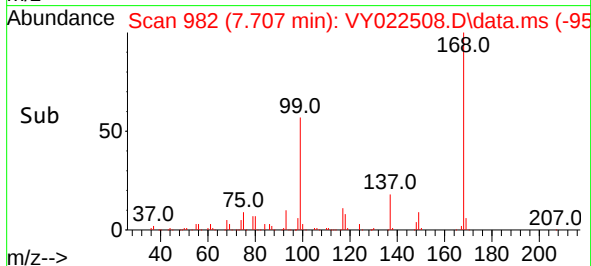
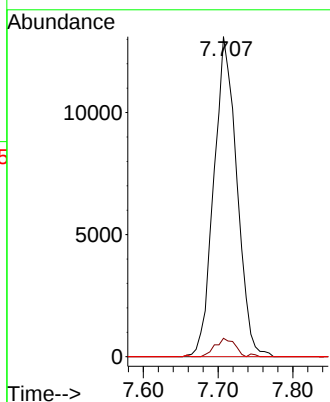
Tgt Ion:117 Resp: 28130

Ion Ratio Lower Upper

117 100

119 5.8 75.0 112.6#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 50.062 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022508.D

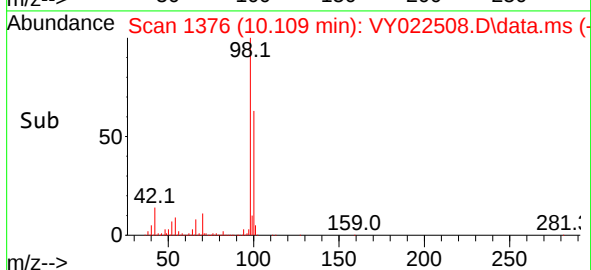
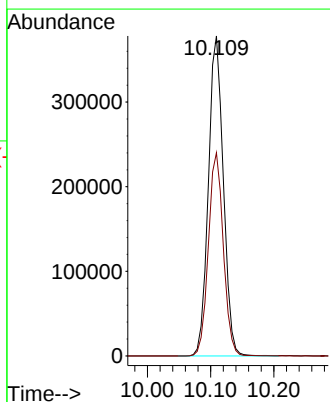
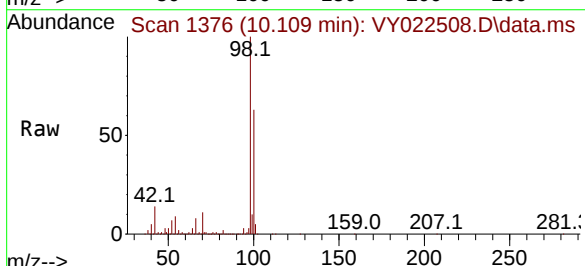
Acq: 02 Jun 2025 18:44

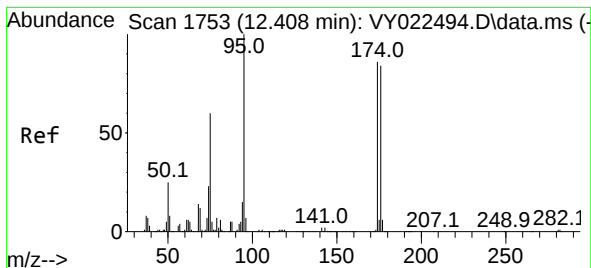
Tgt Ion: 98 Resp: 621468

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0

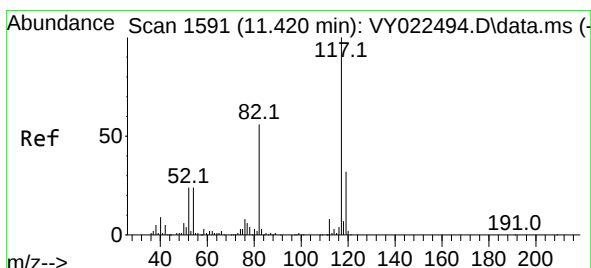
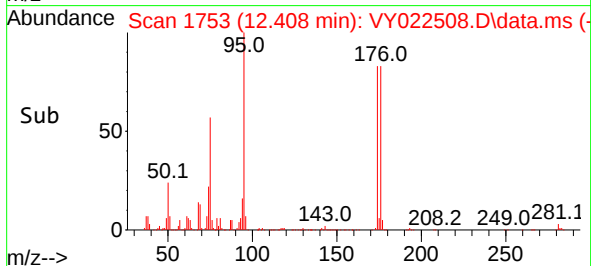
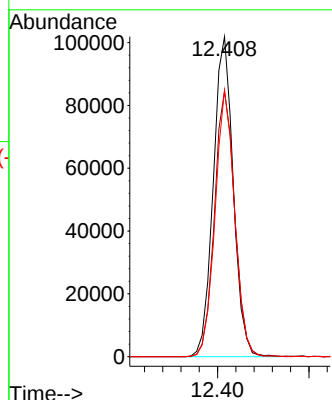
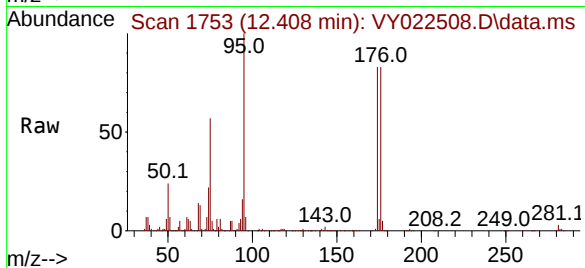




#62
4-Bromofluorobenzene
Concen: 41.689 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

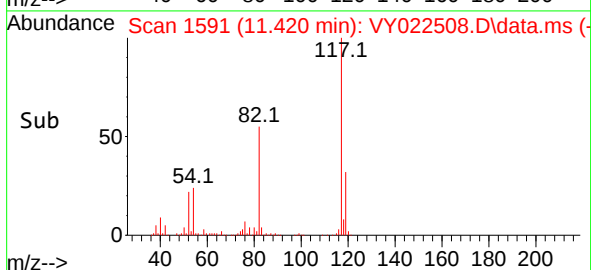
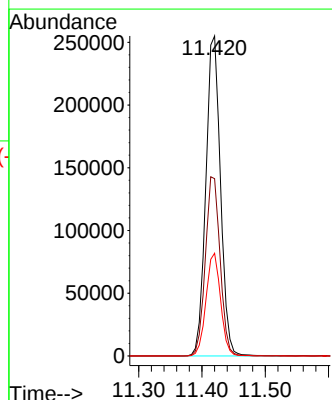
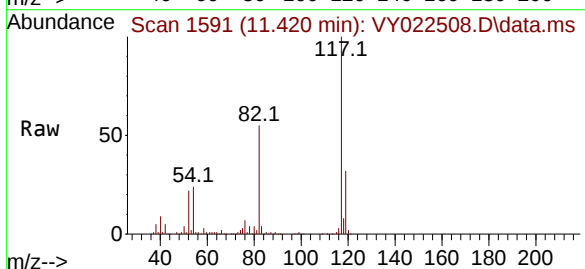
Instrument :
MSVOA_Y
ClientSampleId :
B27-SOIL-SAMPLE

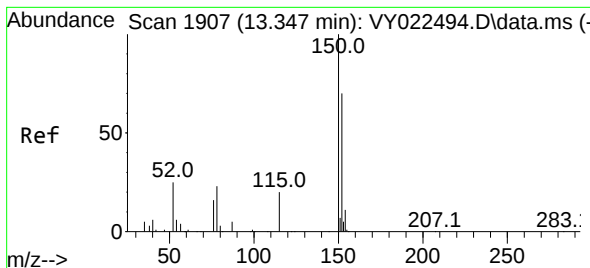
Tgt Ion: 95 Resp: 154197
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.0
176 82.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022508.D
Acq: 02 Jun 2025 18:44

Tgt Ion: 117 Resp: 411552
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 32.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022508.D

Acq: 02 Jun 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

B27-SOIL-SAMPLE

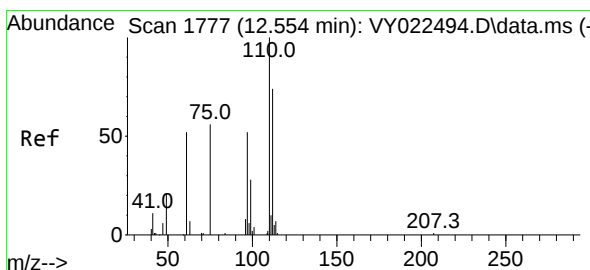
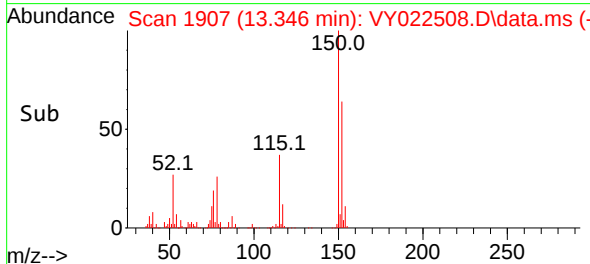
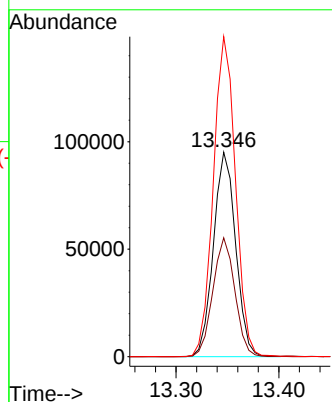
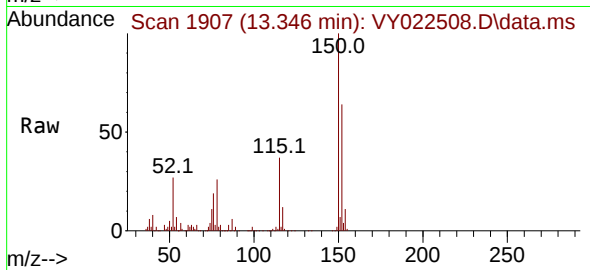
Tgt Ion:152 Resp: 142944

Ion Ratio Lower Upper

152 100

115 57.5 28.9 86.7

150 155.9 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 55.642 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022508.D

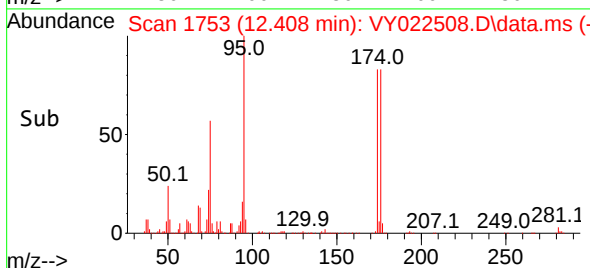
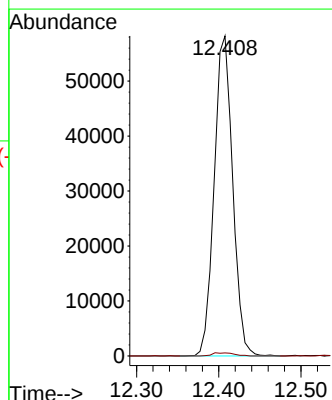
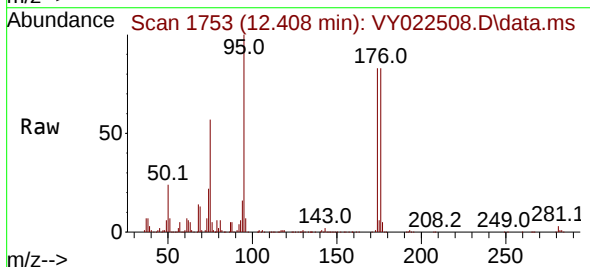
Acq: 02 Jun 2025 18:44

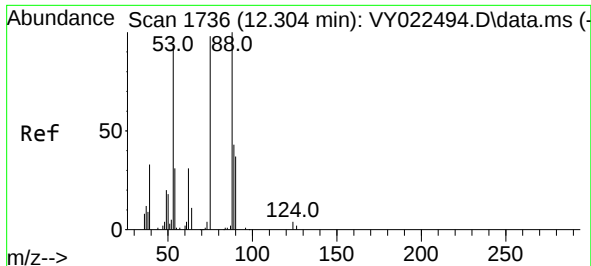
Tgt Ion: 75 Resp: 90993

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.372 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY022508.D
 Acq: 02 Jun 2025 18:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 B27-SOIL-SAMPLE

Tgt Ion: 75 Resp: 90993
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.1 35.7 53.5#

