

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022982.D
 Acq On : 08 Jul 2025 17:47
 Operator : SY/MD
 Sample : Q2514-10
 Misc : 2.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-90

Quant Time: Jul 09 02:34:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

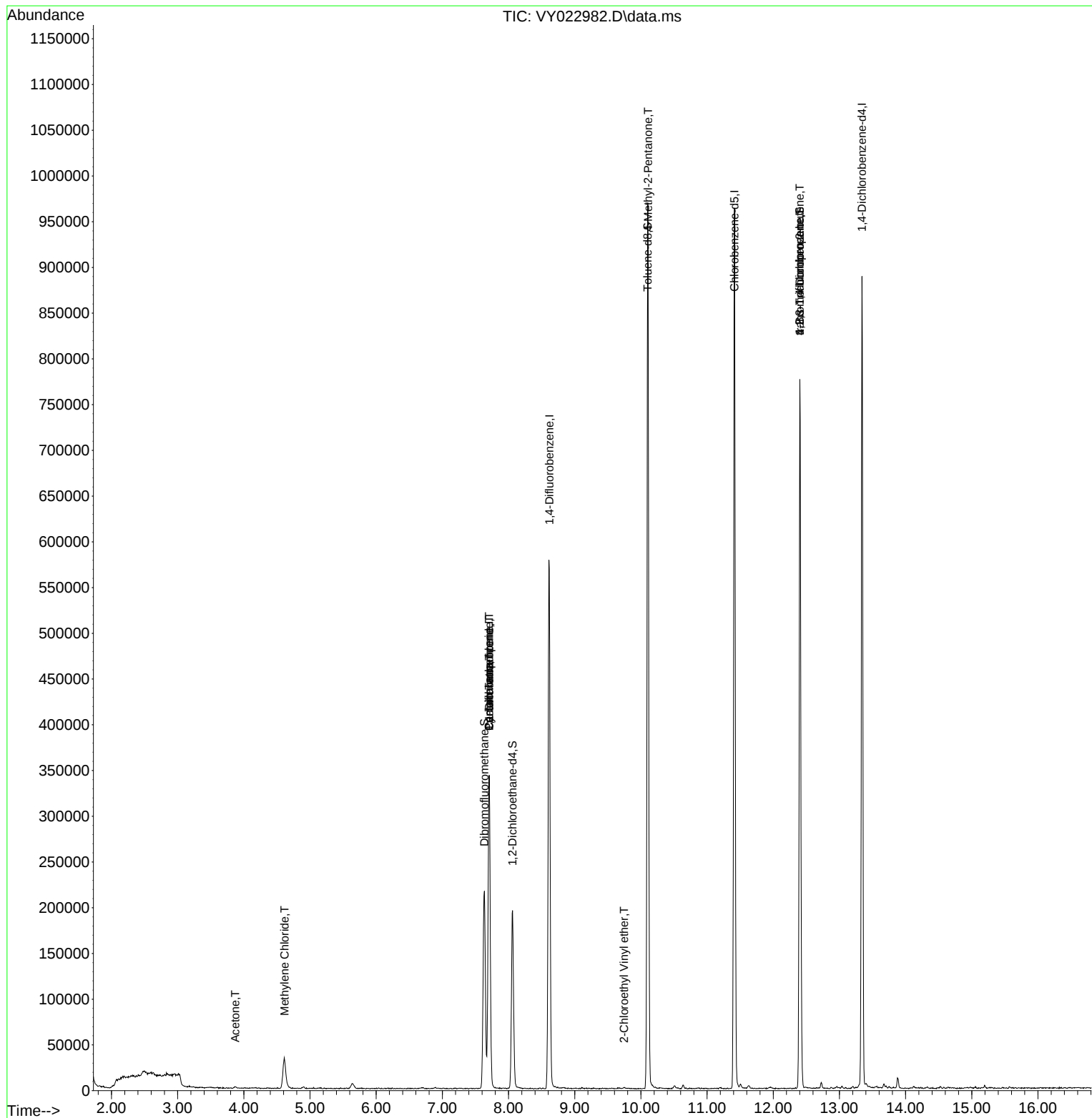
Internal Standards						
1) Pentafluorobenzene	7.707	168	256463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	488482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	488896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	212620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151389	52.889	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.780%			
35) Dibromofluoromethane	7.634	113	153399	51.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.280%			
50) Toluene-d8	10.103	98	614582	52.135	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.402	95	210203	55.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.940%			
Target Compounds					Qvalue	
16) Acetone	3.873	43	2420	4.473	ug/l	93
20) Methylene Chloride	4.616	84	23064	6.750	ug/l	95
31) Cyclohexane	7.707	56	6425	1.307	ug/l #	2
36) 1,1-Dichloropropene	7.707	75	22687	5.038	ug/l #	51
38) Carbon Tetrachloride	7.707	117	25722	5.414	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	2943	1.434	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.743	63	19	15.666	ug/l #	48
76) 1,2,3-Trichloropropane	12.402	75	121278	55.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	121278	141.153	ug/l #	11

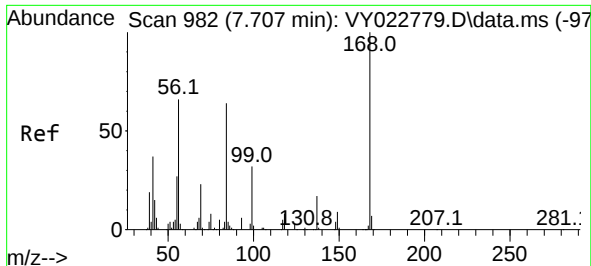
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022982.D
Acq On : 08 Jul 2025 17:47
Operator : SY/MD
Sample : Q2514-10
Misc : 2.69g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-90

Quant Time: Jul 09 02:34:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

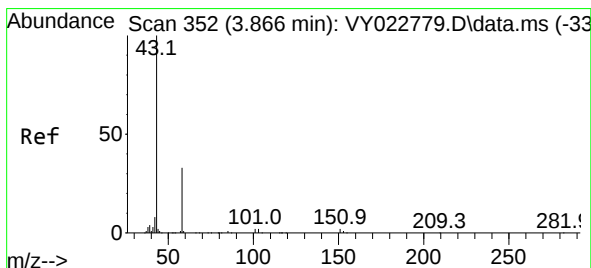
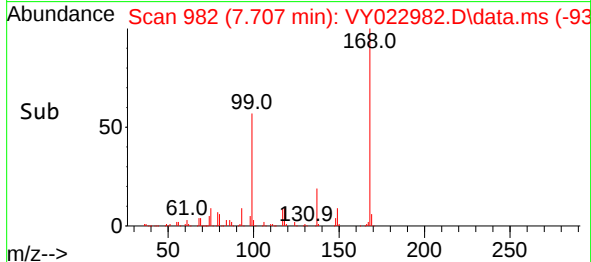
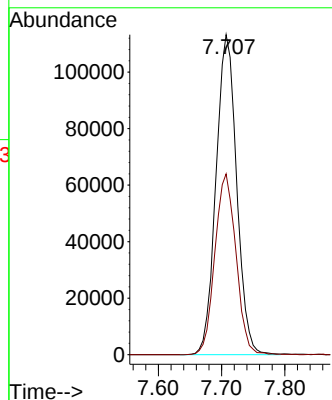
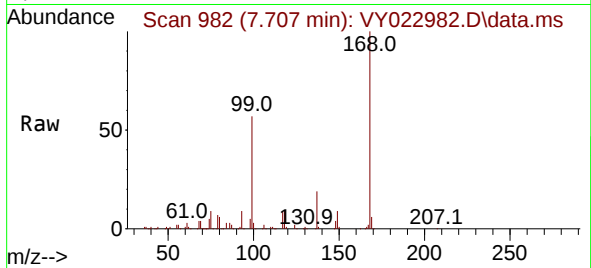




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

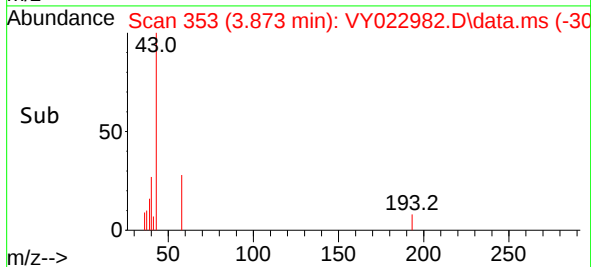
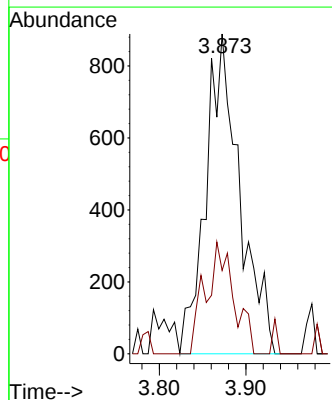
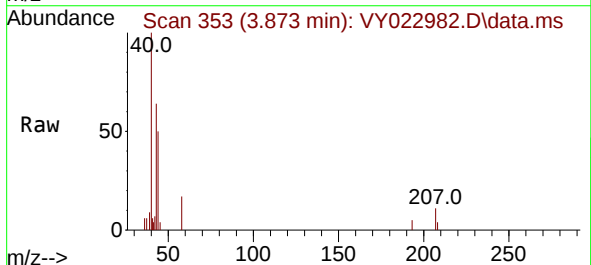
Instrument :
MSVOA_Y
ClientSampleId :
TP-90

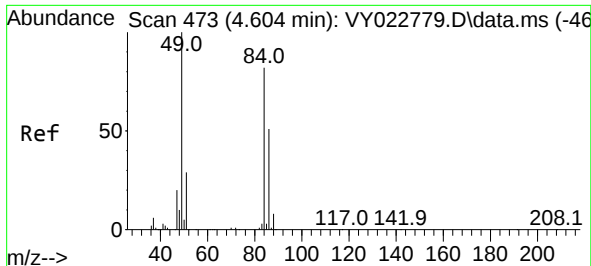
Tgt Ion:168 Resp: 256463
Ion Ratio Lower Upper
168 100
99 56.5 44.3 66.5



#16
Acetone
Concen: 4.473 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
58 26.1 24.0 36.0

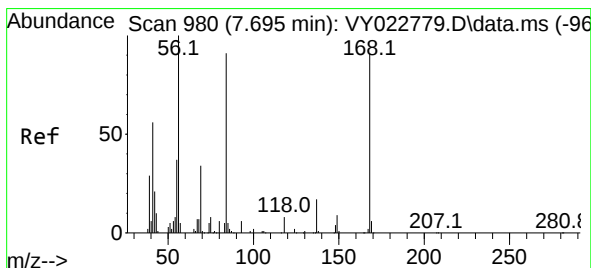
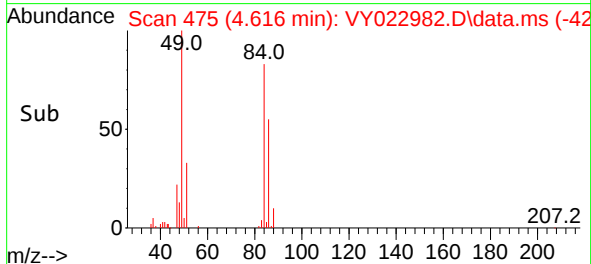
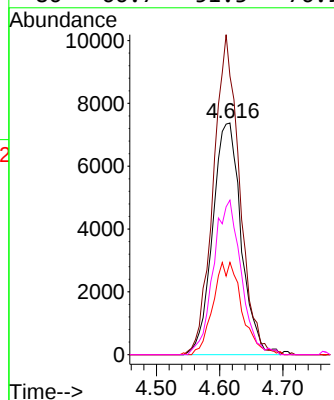
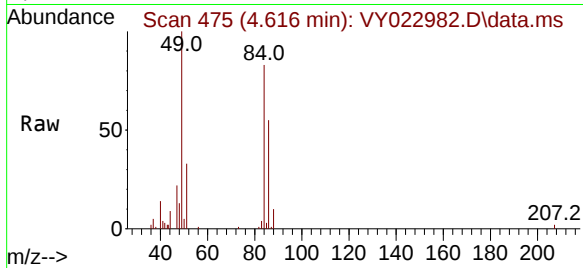




#20
Methylene Chloride
Concen: 6.750 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

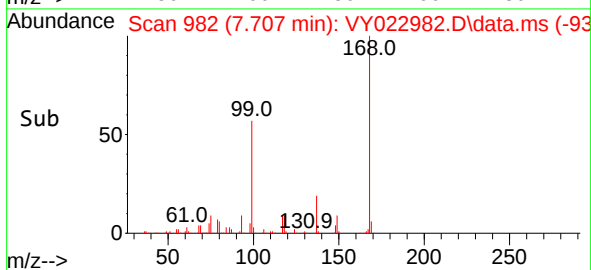
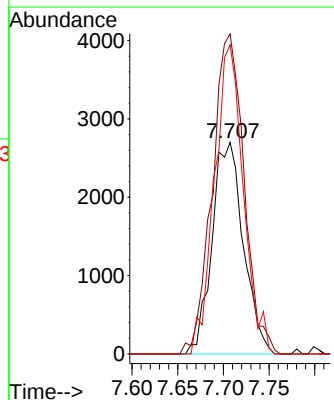
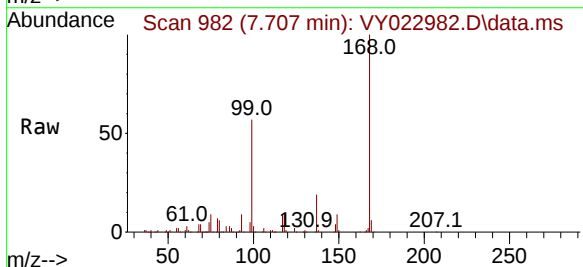
Instrument :
MSVOA_Y
ClientSampleId :
TP-90

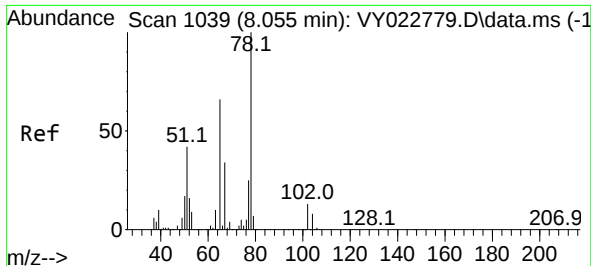
Tgt Ion:	84	Resp:	23064
Ion	Ratio	Lower	Upper
84	100		
49	120.2	101.9	152.9
51	39.8	29.8	44.8
86	66.7	51.3	76.9



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Tgt Ion:	56	Resp:	6425
Ion	Ratio	Lower	Upper
56	100		
69	151.3	27.0	40.6#
84	146.2	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 52.889 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022982.D

Acq: 08 Jul 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

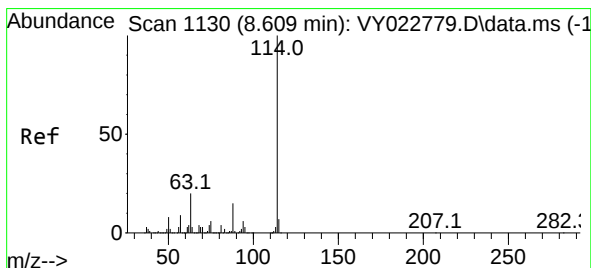
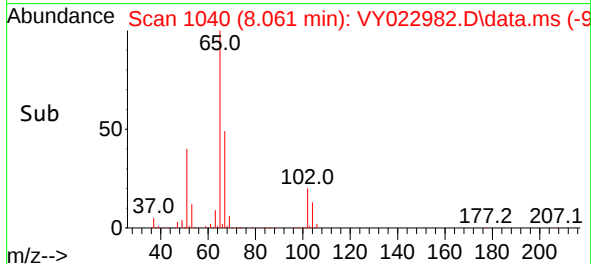
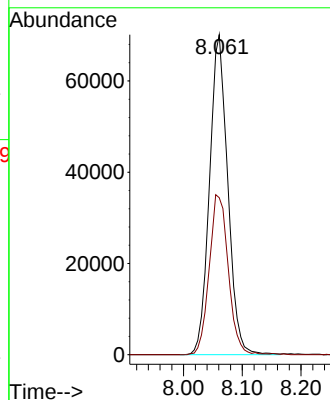
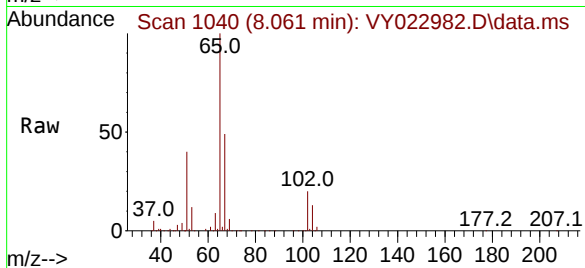
TP-90

Tgt Ion: 65 Resp: 151389

Ion Ratio Lower Upper

65 100

67 52.2 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: VY022982.D

Acq: 08 Jul 2025 17:47

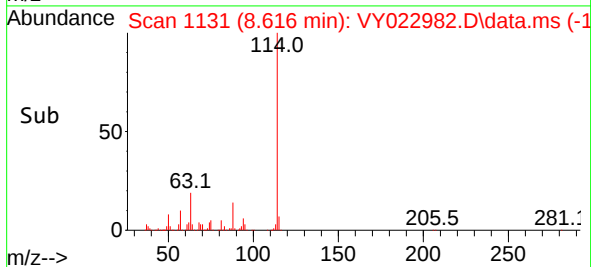
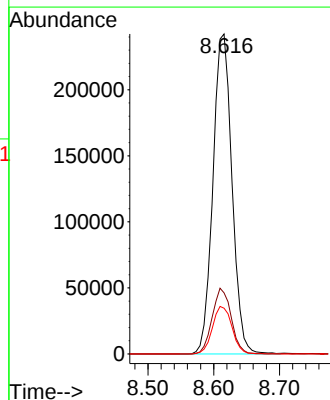
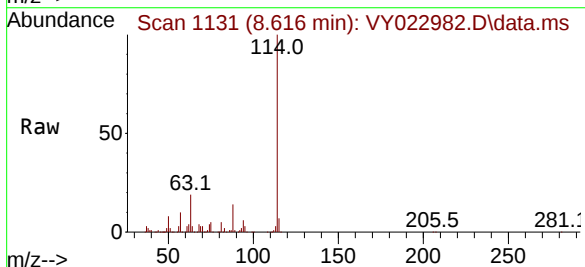
Tgt Ion:114 Resp: 488482

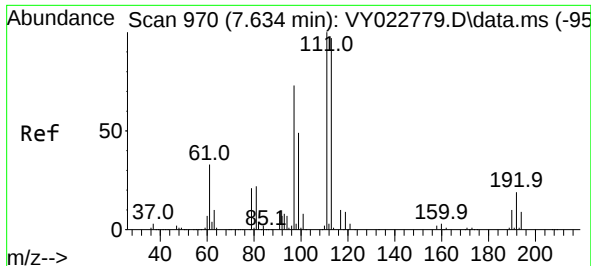
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 14.3 0.0 27.8

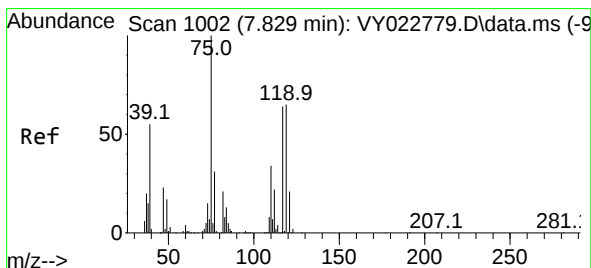
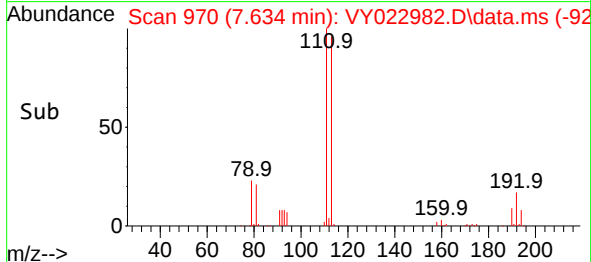
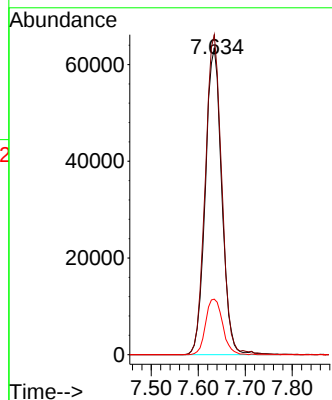
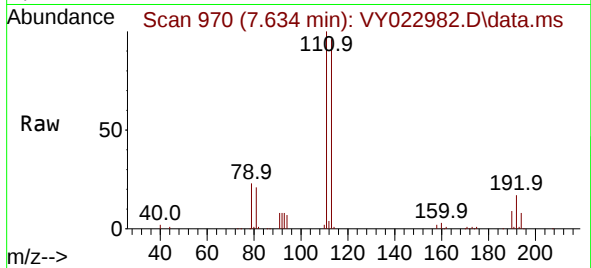




#35
Dibromofluoromethane
Concen: 51.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

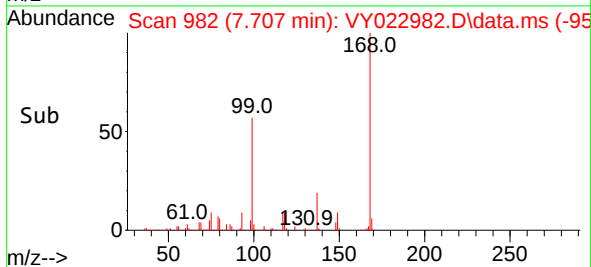
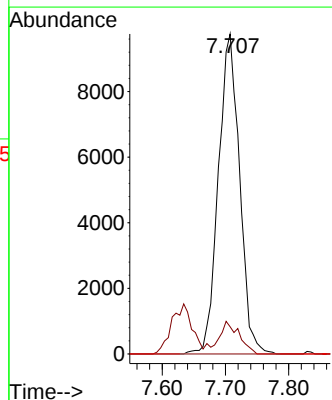
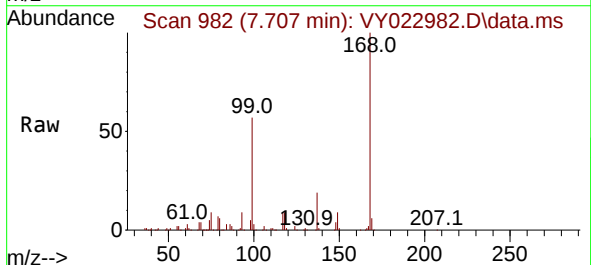
Instrument :
MSVOA_Y
ClientSampleId :
TP-90

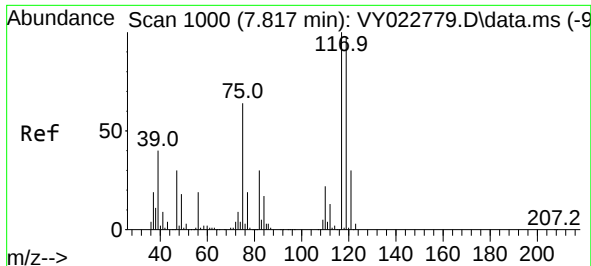
Tgt Ion:113 Resp: 153399
Ion Ratio Lower Upper
113 100
111 104.8 81.1 121.7
192 18.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Tgt Ion: 75 Resp: 22687
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.7#
77 0.0 24.8 37.2#

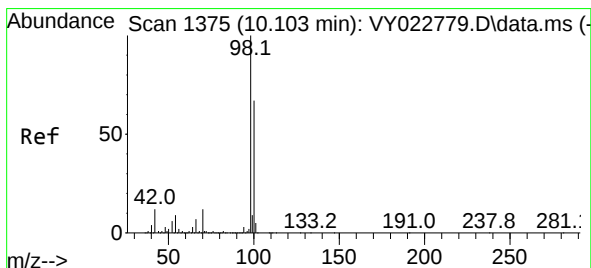
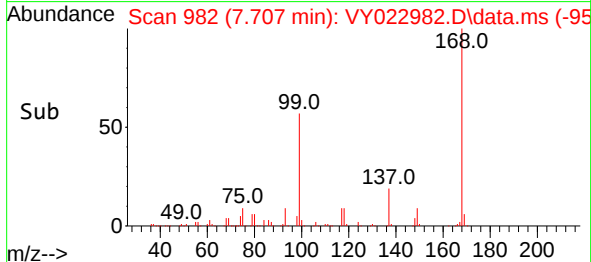
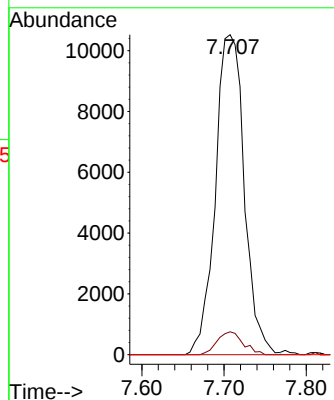
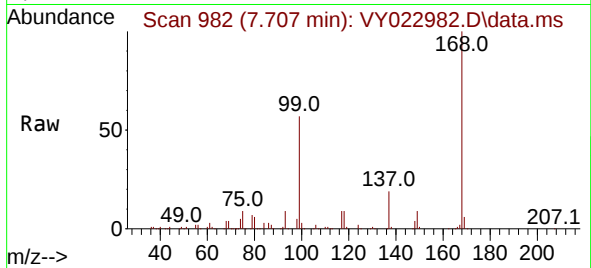




#38
Carbon Tetrachloride
Concen: 5.414 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

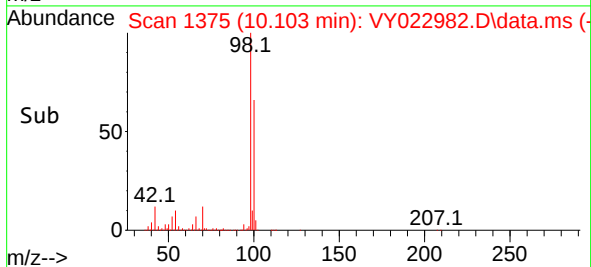
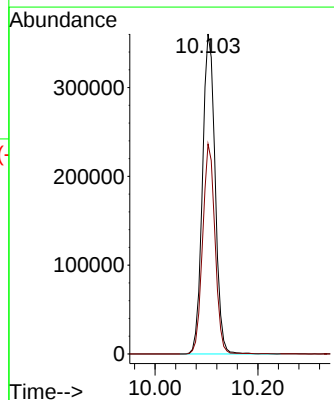
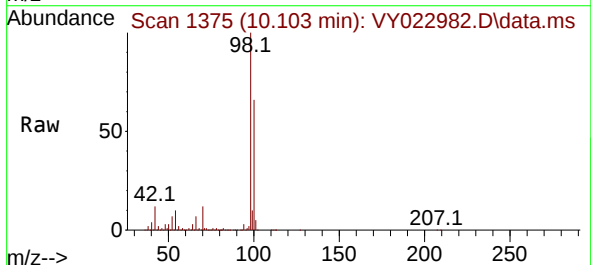
Instrument :
MSVOA_Y
ClientSampleId :
TP-90

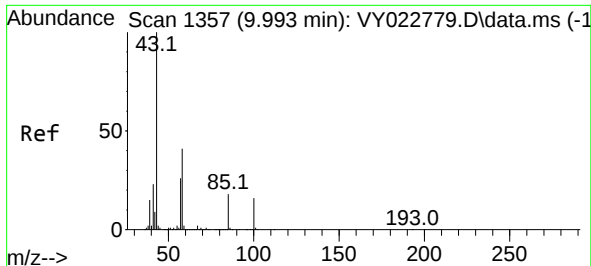
Tgt Ion:117 Resp: 25722
Ion Ratio Lower Upper
117 100
119 7.2 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 52.135 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Tgt Ion: 98 Resp: 614582
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.434 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.110 min

Lab File: VY022982.D

Acq: 08 Jul 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

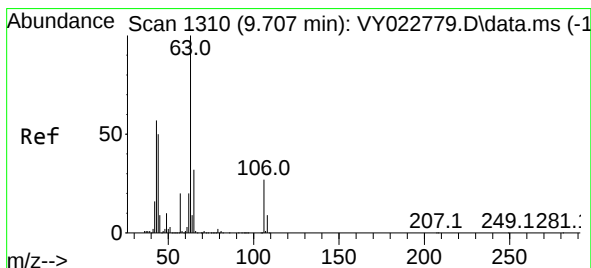
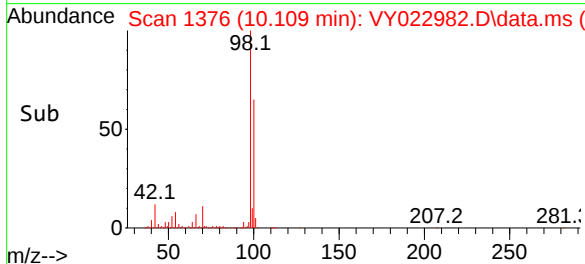
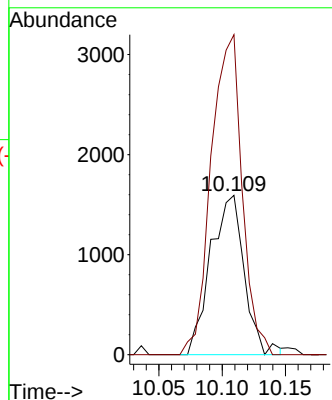
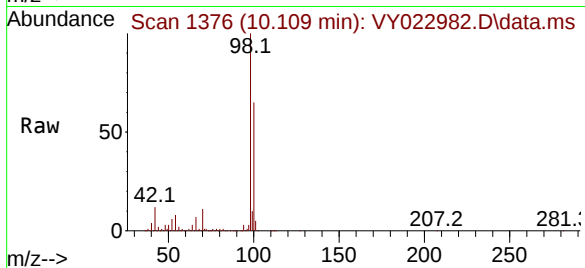
TP-90

Tgt Ion: 43 Resp: 2943

Ion Ratio Lower Upper

43 100

58 184.6 30.4 45.6#



#58

2-Chloroethyl Vinyl ether

Concen: 15.666 ug/l

RT: 9.743 min Scan# 1316

Delta R.T. 0.030 min

Lab File: VY022982.D

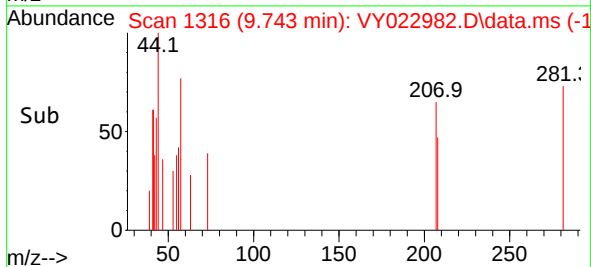
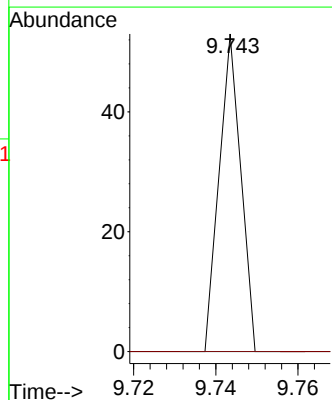
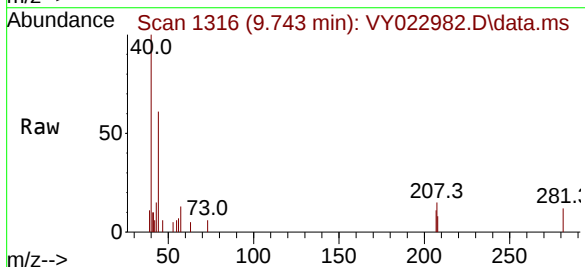
Acq: 08 Jul 2025 17:47

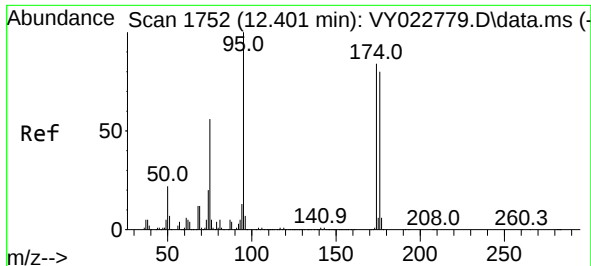
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

106 0.0 21.6 32.4#

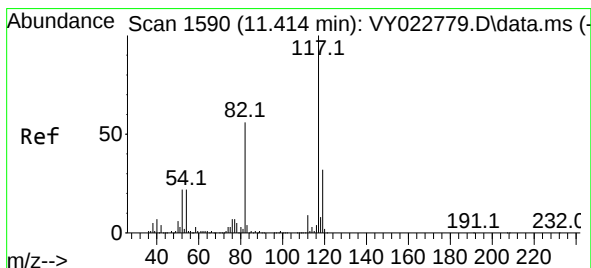
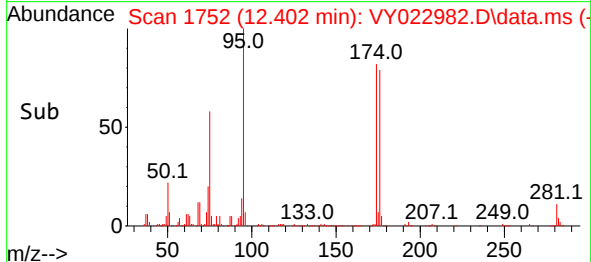
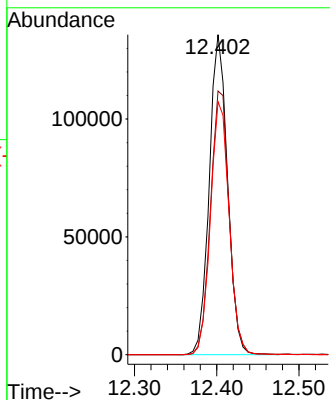
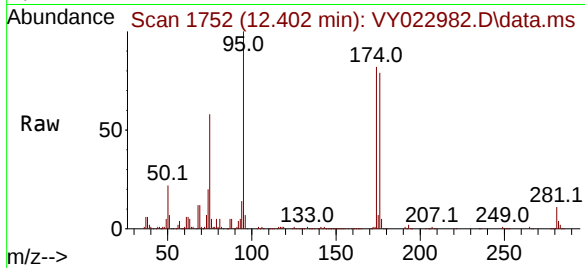




#62
4-Bromofluorobenzene
Concen: 55.469 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

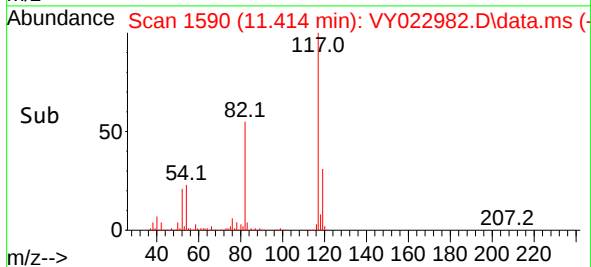
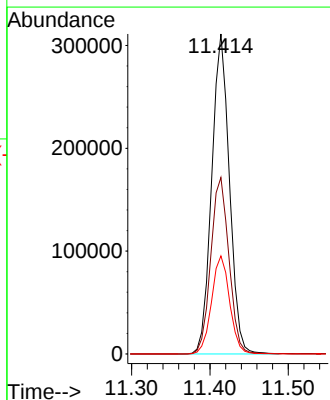
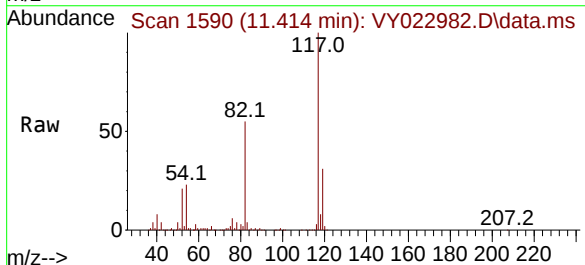
Instrument :
MSVOA_Y
ClientSampleId :
TP-90

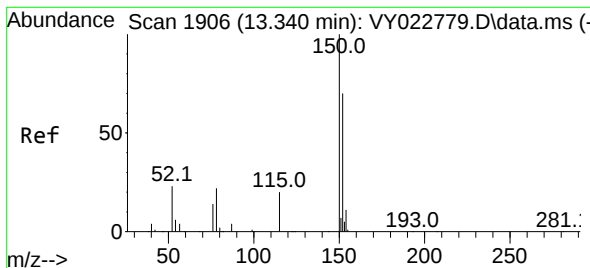
Tgt Ion: 95 Resp: 210203
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.0
176 80.6 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Tgt Ion: 117 Resp: 488896
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 30.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022982.D

Acq: 08 Jul 2025 17:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-90

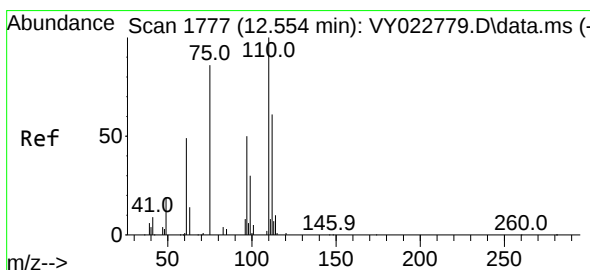
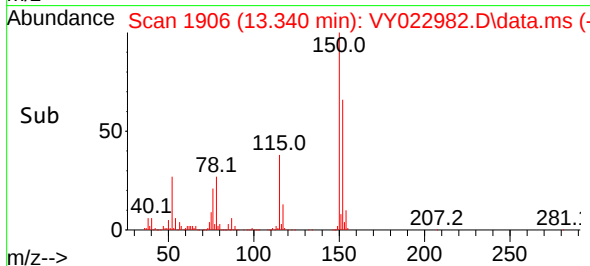
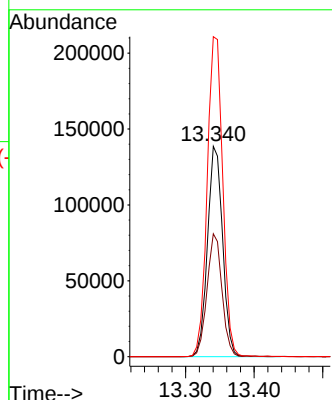
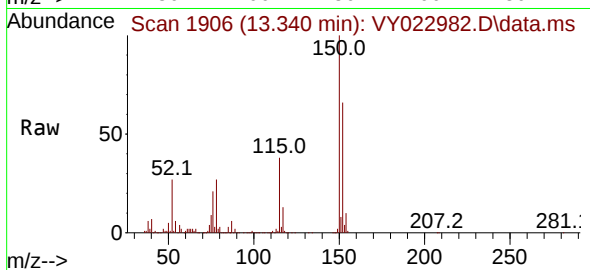
Tgt Ion:152 Resp: 212620

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 156.2 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 55.871 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022982.D

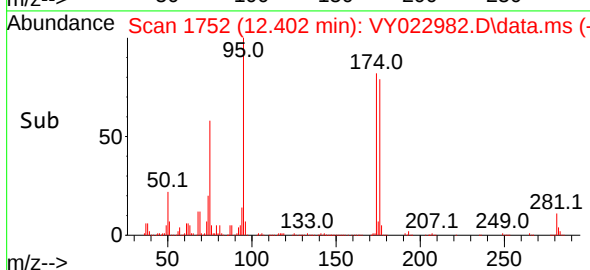
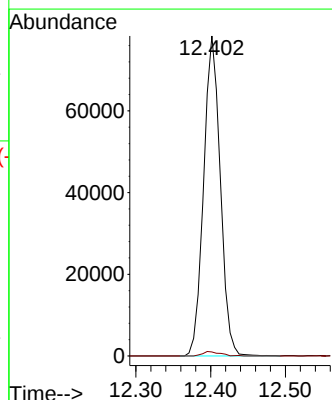
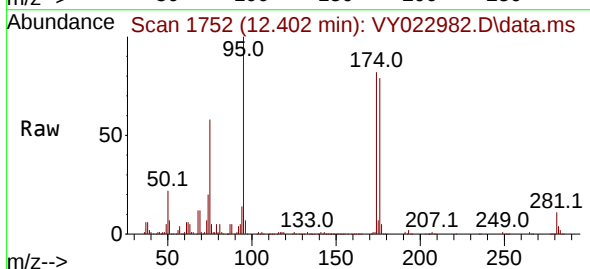
Acq: 08 Jul 2025 17:47

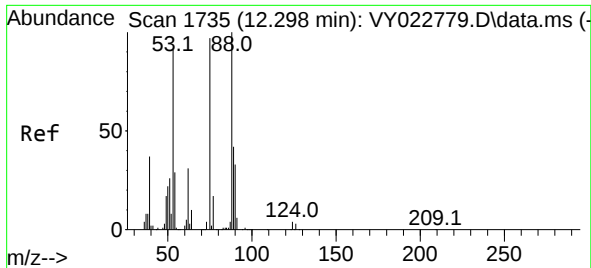
Tgt Ion: 75 Resp: 121278

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 141.153 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY022982.D
Acq: 08 Jul 2025 17:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-90

Tgt Ion: 75 Resp: 121278
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.3 35.7 53.5#

