

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022266.D
 Acq On : 15 May 2025 15:59
 Operator : SY/MD
 Sample : Q1984-05
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-35-050725

Quant Time: May 16 01:56:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

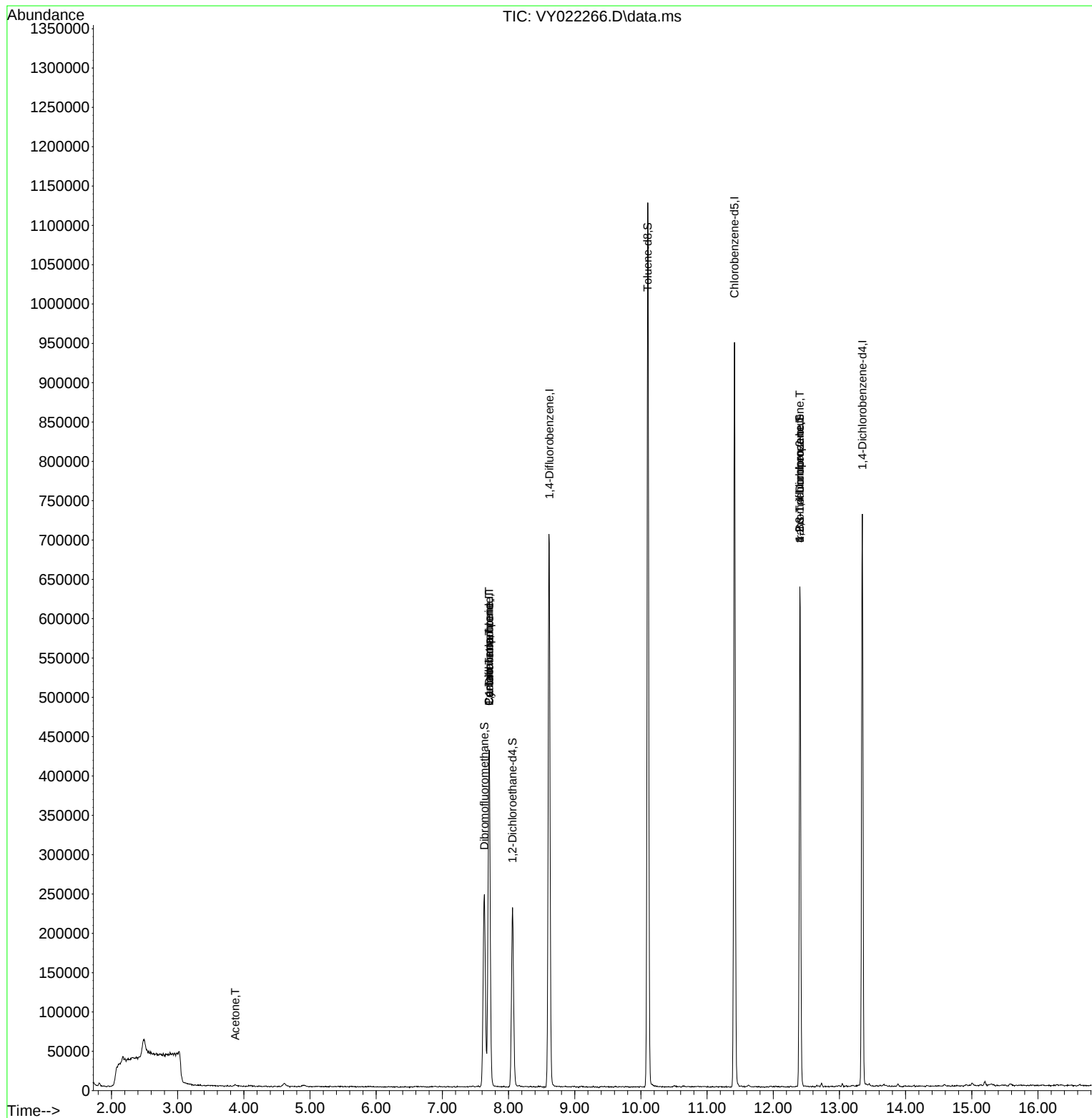
Internal Standards						
1) Pentafluorobenzene	7.707	168	325803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	579791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	460550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	168641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170915	48.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.634	113	170283	49.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.103	98	688618	48.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.402	95	181953	40.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.000%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	2862	4.287	ug/l	91
31) Cyclohexane	7.707	56	9101	1.263	ug/l #	32
36) 1,1-Dichloropropene	7.707	75	28298	4.965	ug/l #	51
38) Carbon Tetrachloride	7.707	117	33609	5.696	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	105599	61.808	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	105599	125.207	ug/l #	12

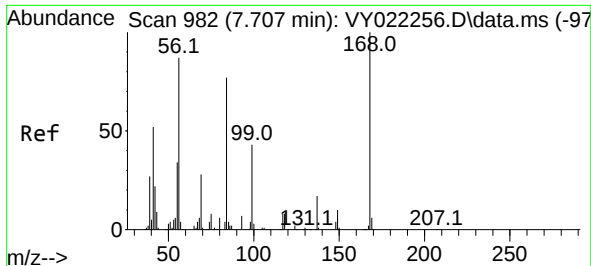
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022266.D
Acq On : 15 May 2025 15:59
Operator : SY/MD
Sample : Q1984-05
Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

Quant Time: May 16 01:56:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

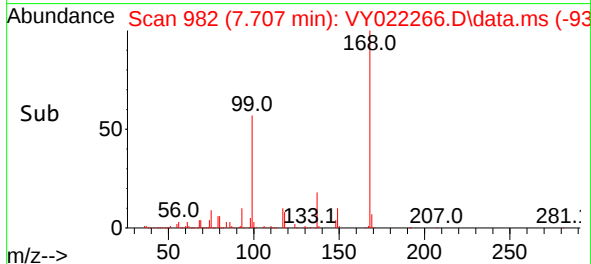
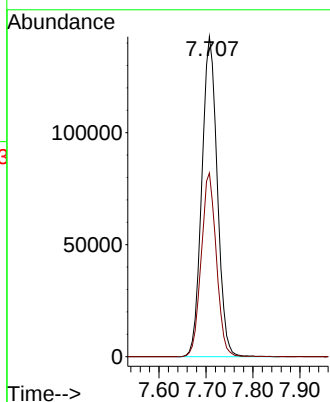
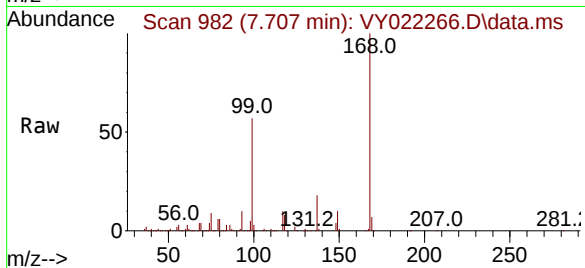




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

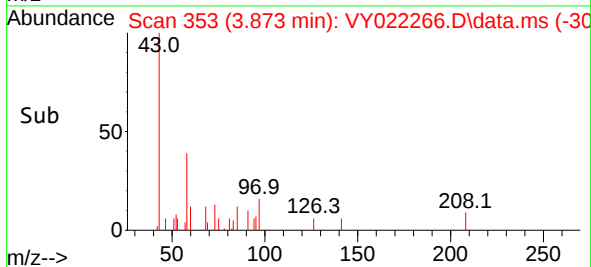
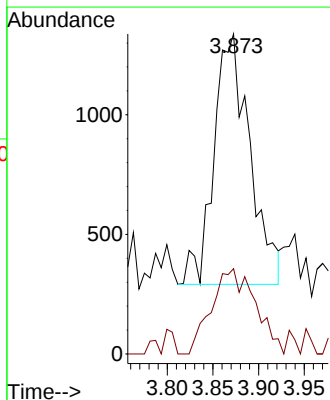
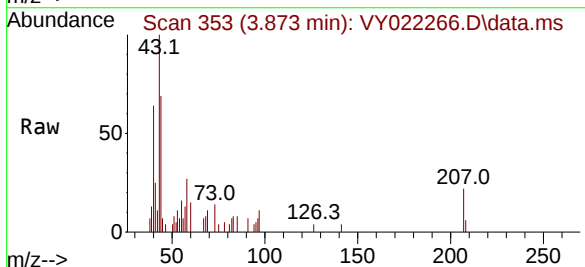
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

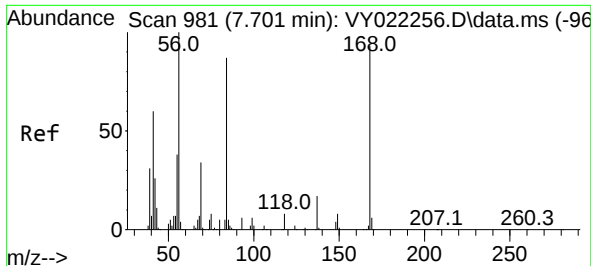
Tgt Ion:168 Resp: 325803
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#16
Acetone
Concen: 4.287 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
58 34.1 23.6 35.4

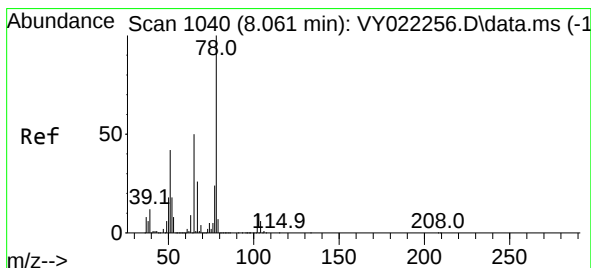
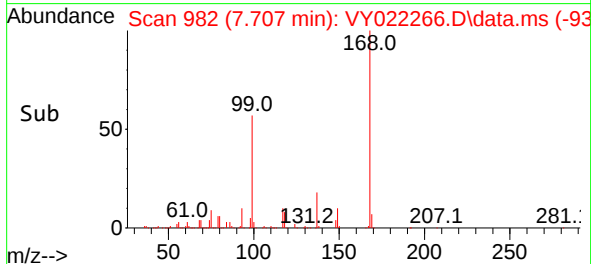
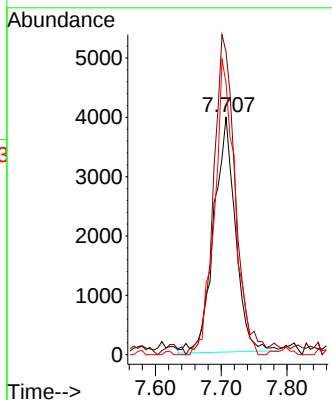
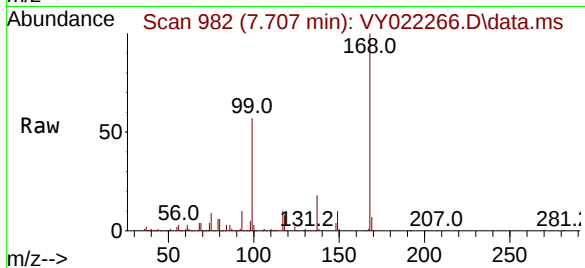




#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

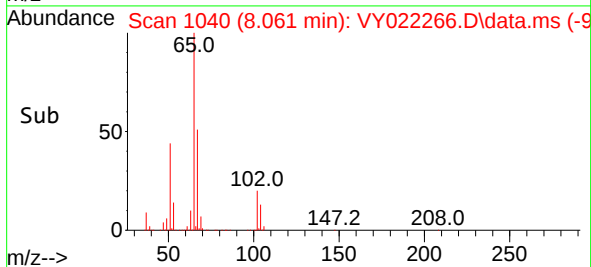
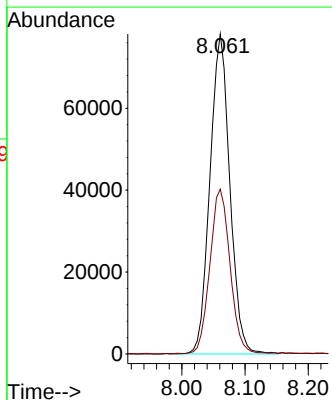
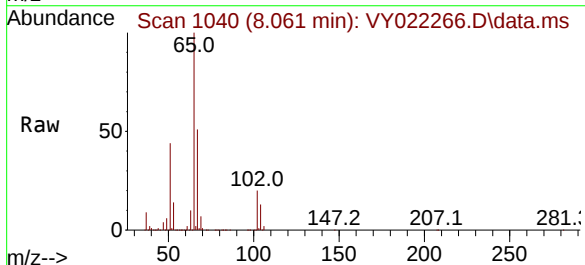
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

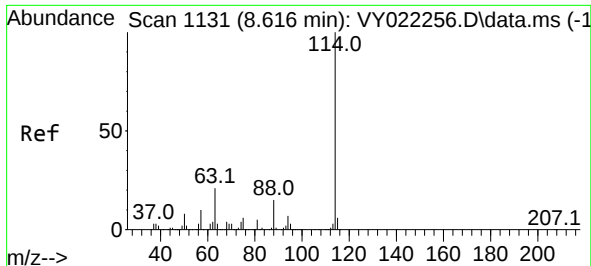
Tgt Ion: 56 Resp: 9101
Ion Ratio Lower Upper
56 100
69 127.4 27.4 41.2#
84 116.6 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.000 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

Tgt Ion: 65 Resp: 170915
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

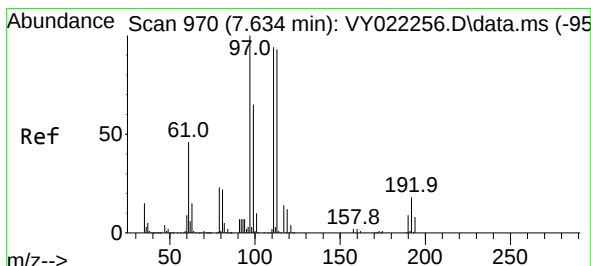
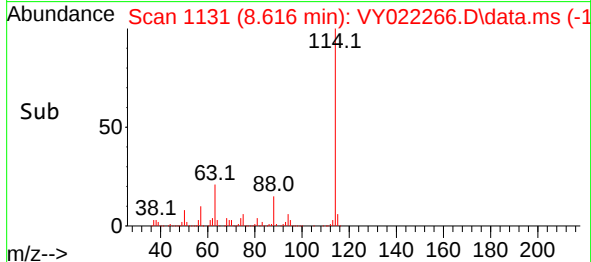
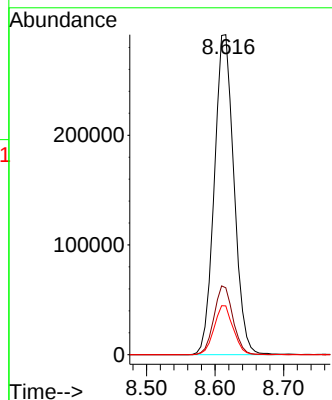
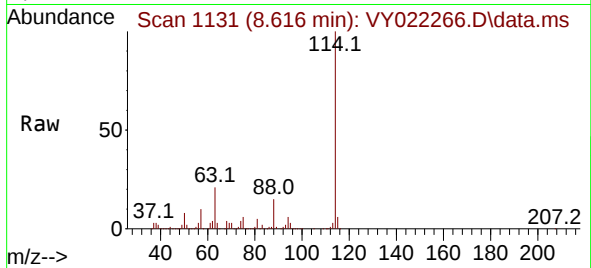




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

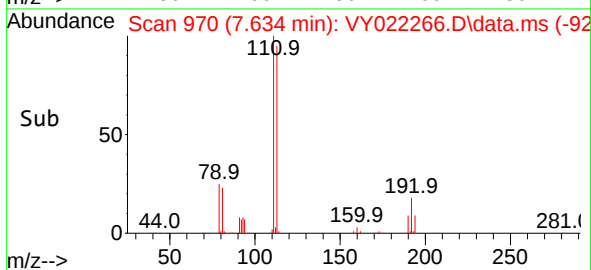
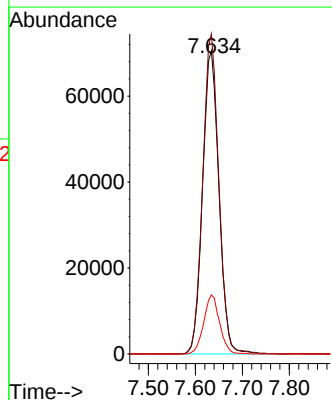
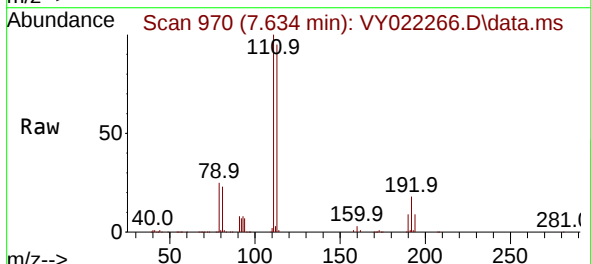
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

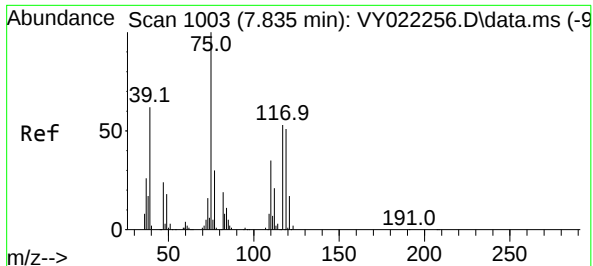
Tgt Ion:114 Resp: 579791
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

Tgt Ion:113 Resp: 170283
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 18.9 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.965 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY022266.D

Acq: 15 May 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-35-050725

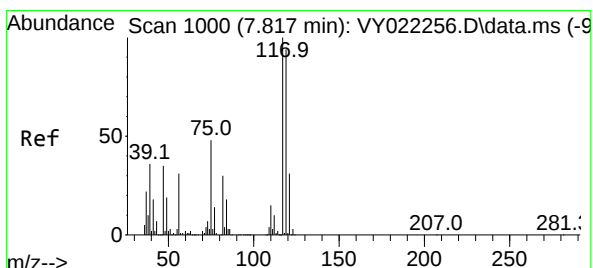
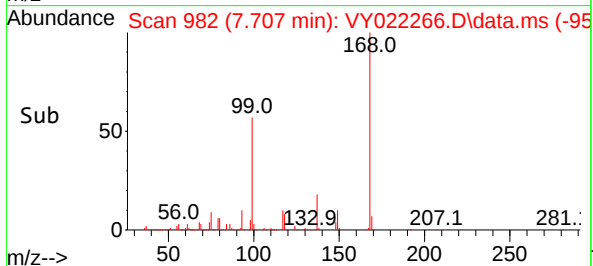
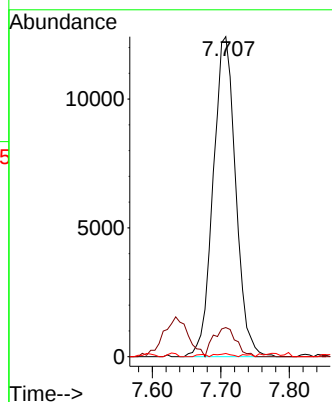
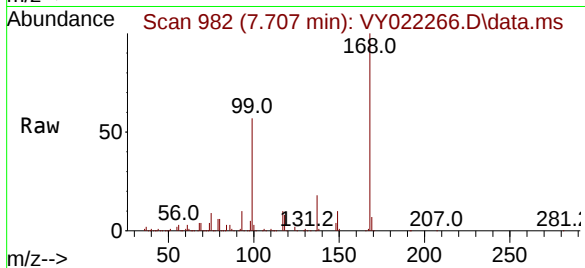
Tgt Ion: 75 Resp: 28298

Ion Ratio Lower Upper

75 100

110 9.1 16.6 49.8#

77 0.6 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.696 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022266.D

Acq: 15 May 2025 15:59

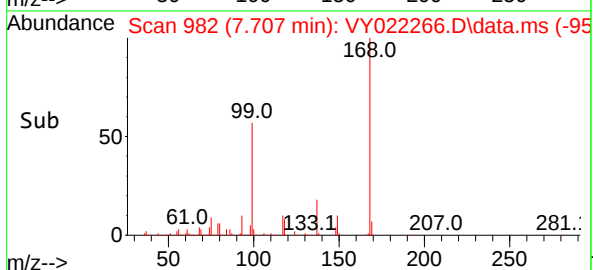
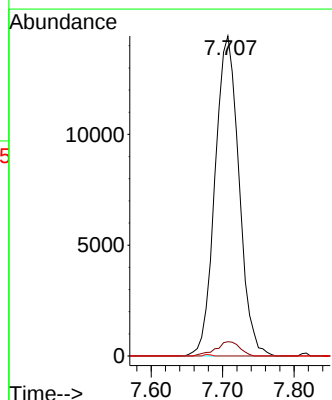
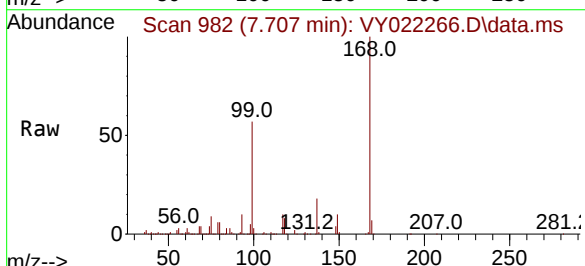
Tgt Ion: 117 Resp: 33609

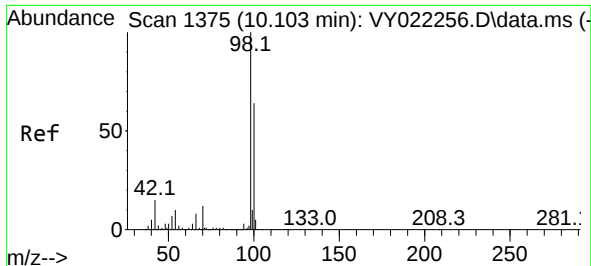
Ion Ratio Lower Upper

117 100

119 4.5 75.3 112.9#

121 0.0 24.7 37.1#

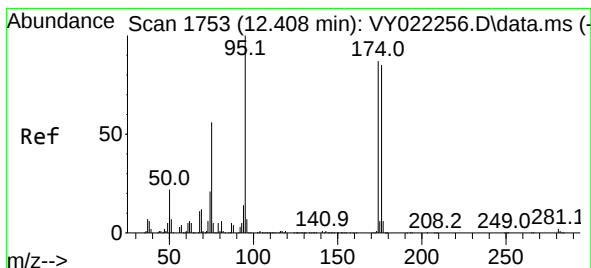
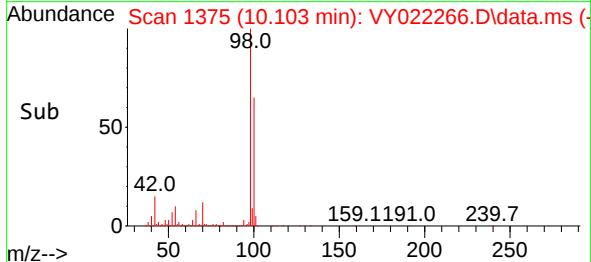
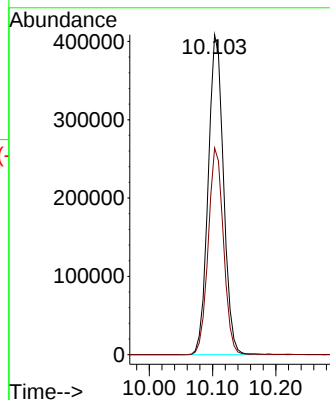
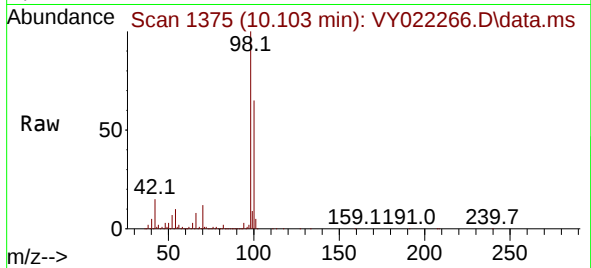




#50
Toluene-d8
Concen: 48.587 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

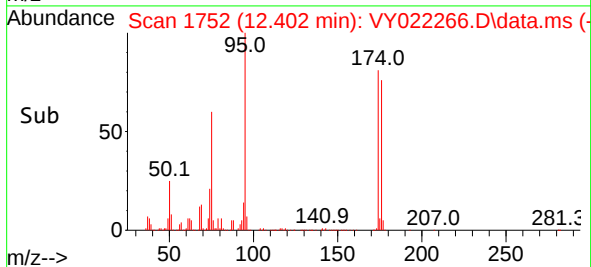
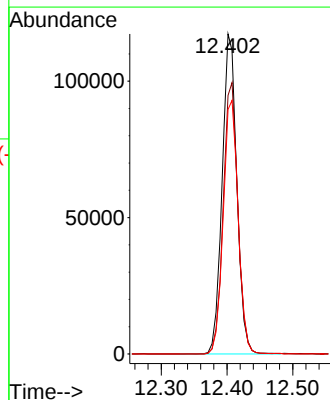
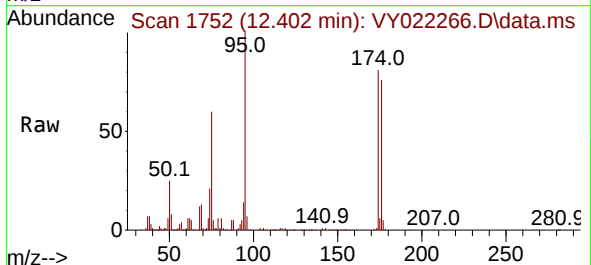
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

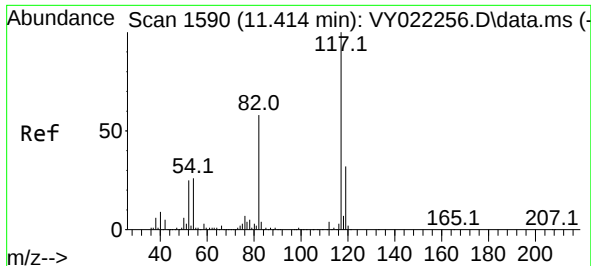
Tgt Ion: 98 Resp: 688618
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 40.503 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

Tgt Ion: 95 Resp: 181953
Ion Ratio Lower Upper
95 100
174 84.7 0.0 166.8
176 80.8 0.0 160.8

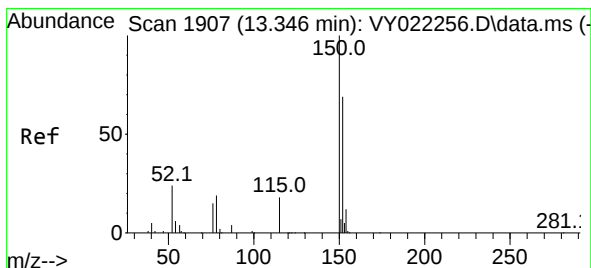
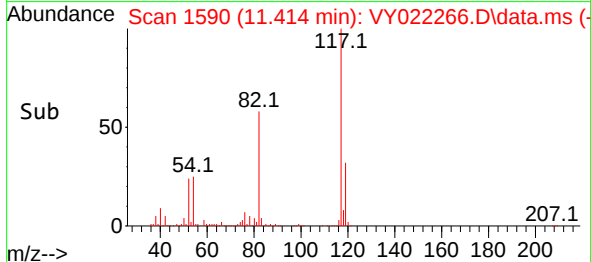
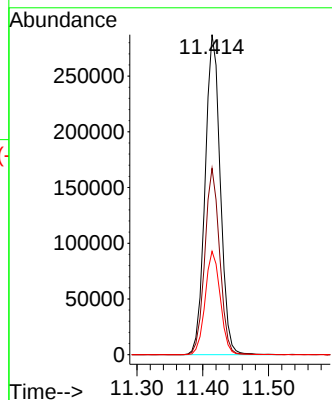
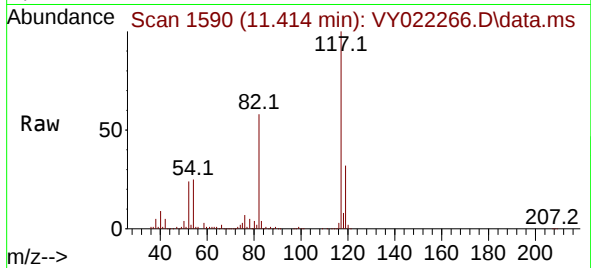




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

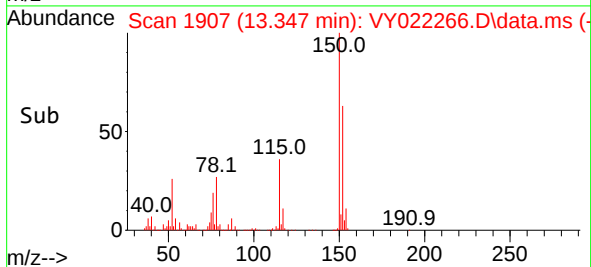
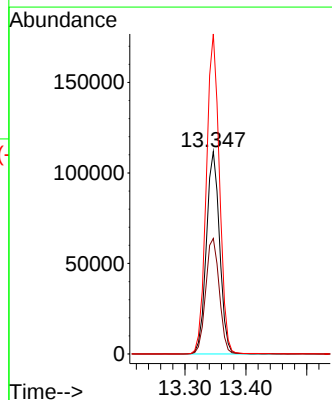
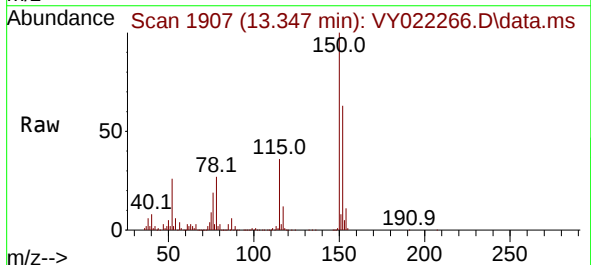
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-35-050725

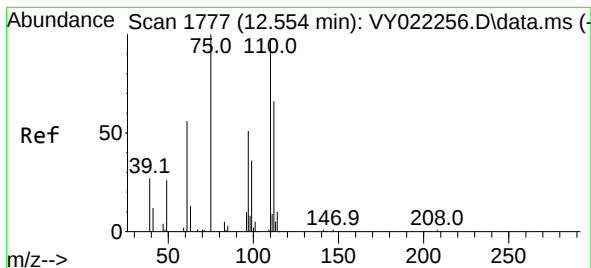
Tgt Ion:117 Resp: 460550
Ion Ratio Lower Upper
117 100
82 58.3 46.6 70.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022266.D
Acq: 15 May 2025 15:59

Tgt Ion:152 Resp: 168641
Ion Ratio Lower Upper
152 100
115 58.6 29.4 88.2
150 156.8 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 61.808 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY022266.D

Acq: 15 May 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

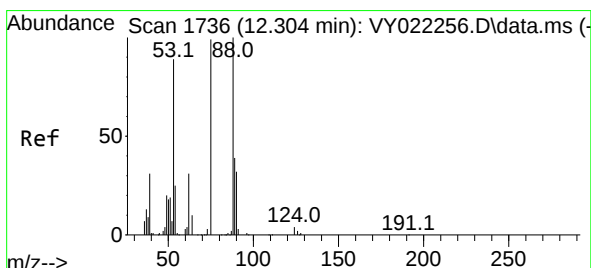
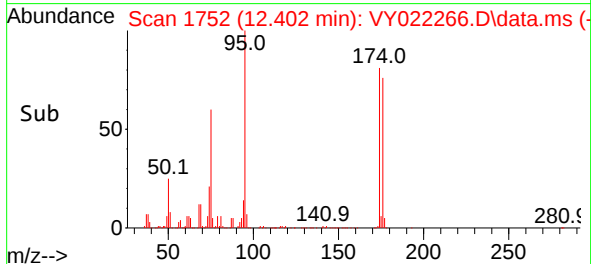
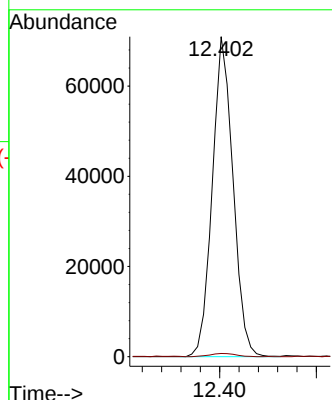
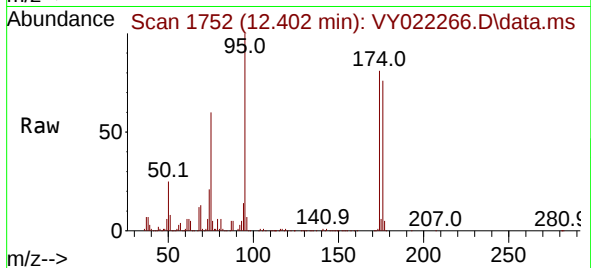
OU4-PCS-TC-35-050725

Tgt Ion: 75 Resp: 105599

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.207 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY022266.D

Acq: 15 May 2025 15:59

Tgt Ion: 75 Resp: 105599

Ion Ratio Lower Upper

75 100

53 0.0 75.8 113.8#

89 0.0 36.2 54.2#

