

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022314.D
 Acq On : 19 May 2025 13:25
 Operator : SY/MD
 Sample : Q2003-02
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: May 20 01:13:17 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)

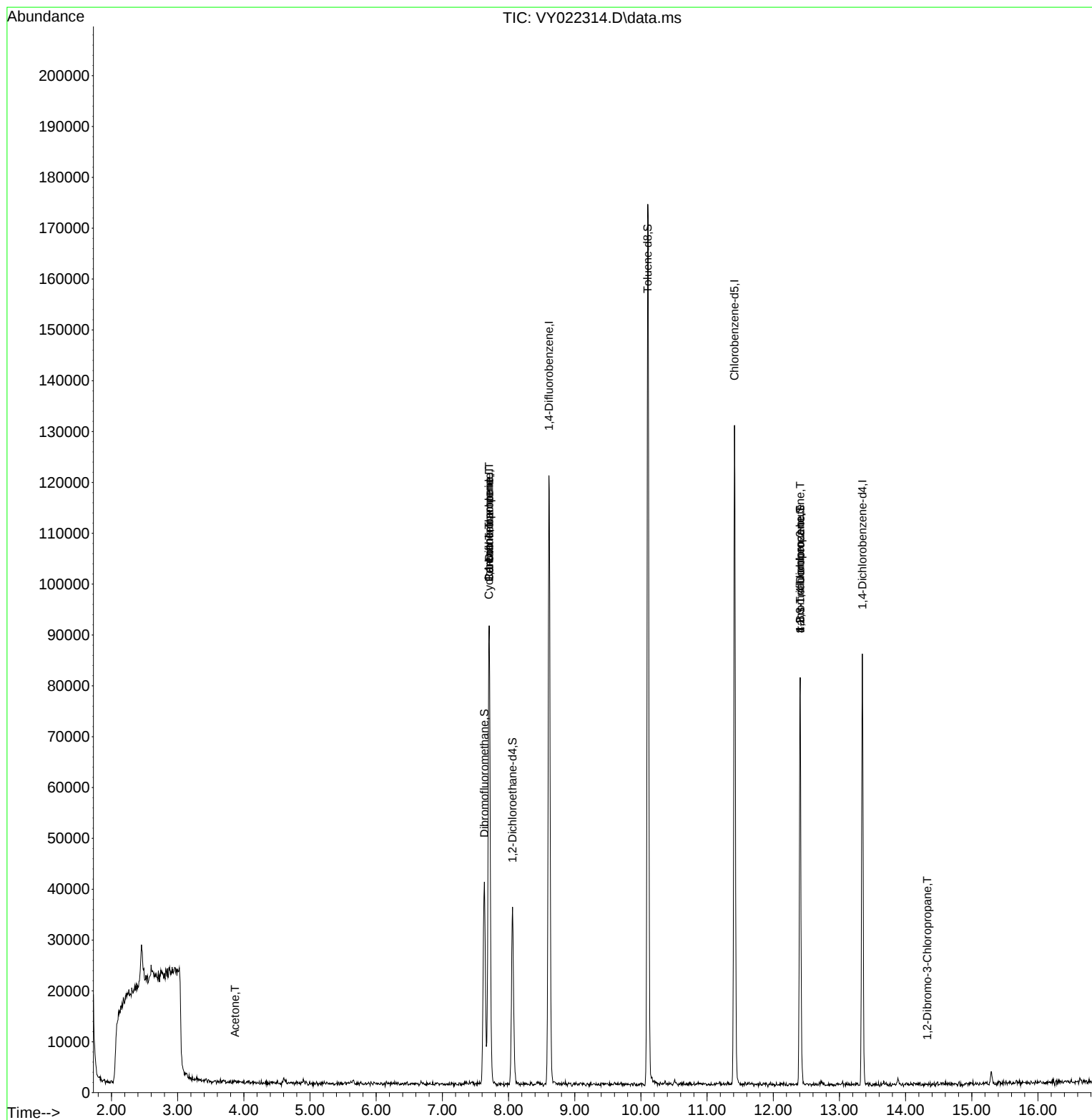
Internal Standards						
1) Pentafluorobenzene	7.707	168	67832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	100499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	20342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25881	34.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.820%
35) Dibromofluoromethane	7.634	113	27560	45.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.103	98	112033	45.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.407	95	22919	29.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.860%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	301	2.165	ug/l #	45
31) Cyclohexane	7.701	56	1901	1.268	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	6038	6.111	ug/l #	52
38) Carbon Tetrachloride	7.707	117	6991	6.836	ug/l #	18
76) 1,2,3-Trichloropropane	12.407	75	13272	64.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	13272	130.459	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.328	75	57	1.364	ug/l #	1

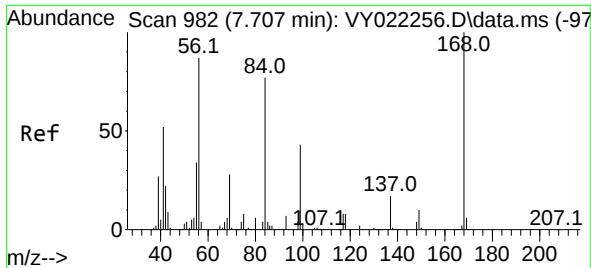
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022314.D
Acq On : 19 May 2025 13:25
Operator : SY/MD
Sample : Q2003-02
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Quant Time: May 20 01:13:17 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

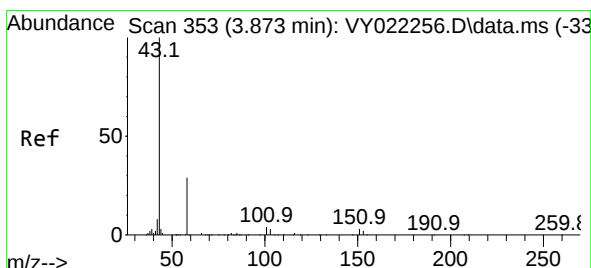
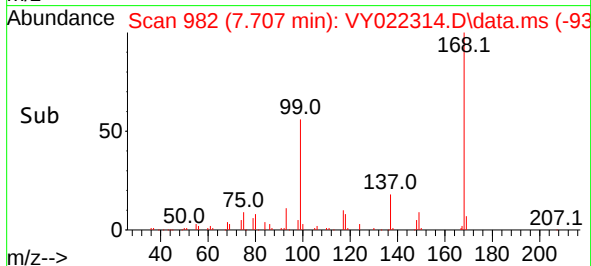
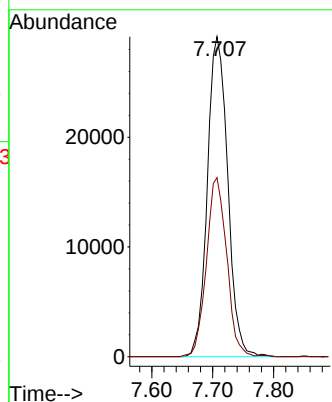
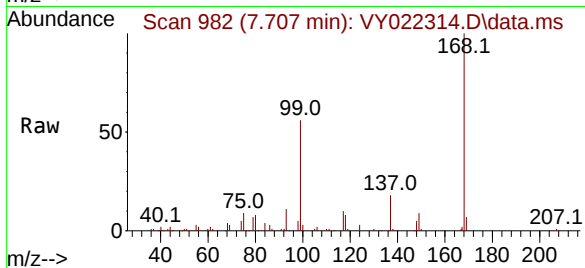




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

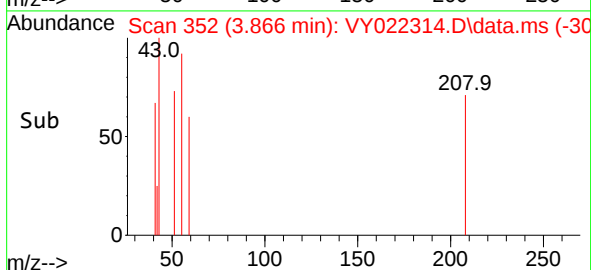
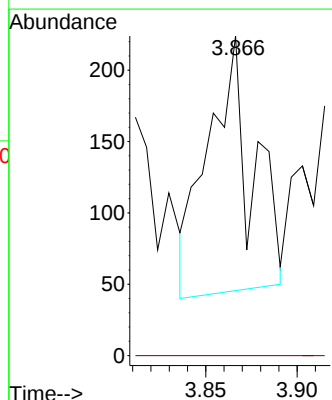
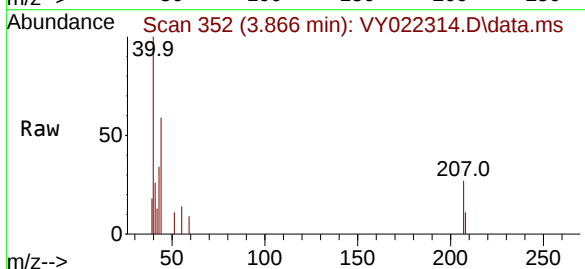
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

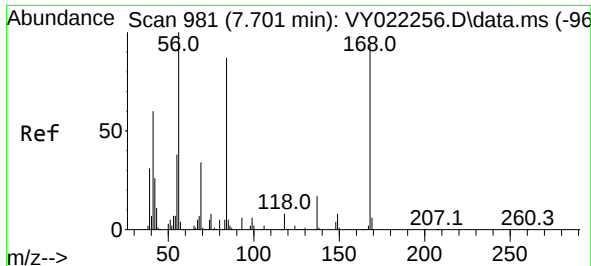
Tgt Ion:168 Resp: 67832
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#16
Acetone
Concen: 2.165 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#

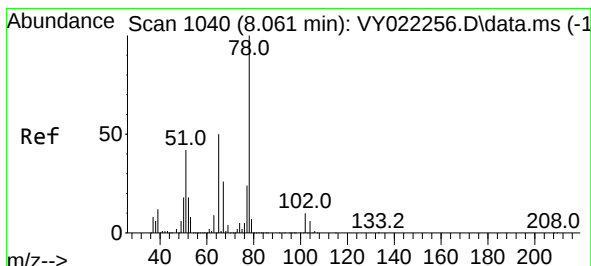
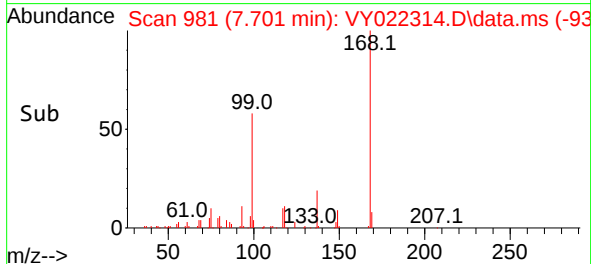
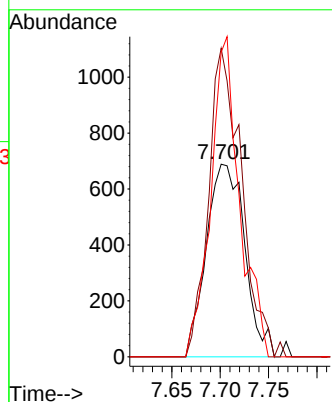
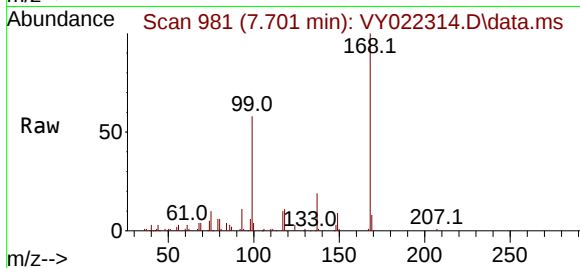




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

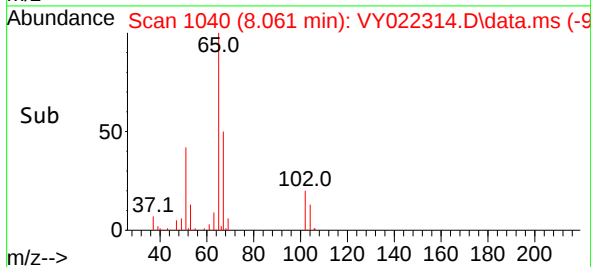
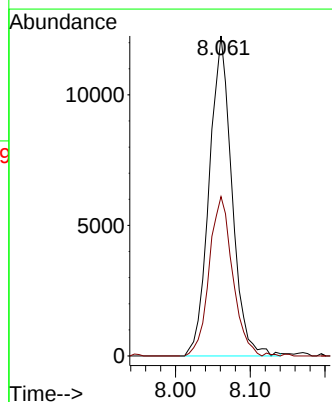
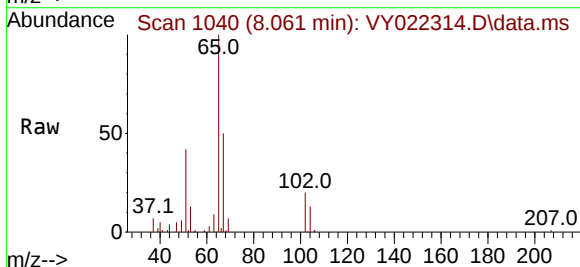
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

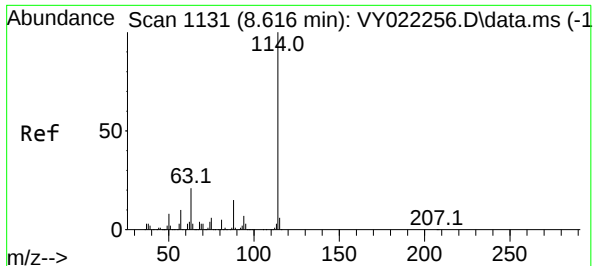
Tgt Ion: 56 Resp: 1901
Ion Ratio Lower Upper
56 100
69 160.1 27.4 41.2#
84 158.1 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 34.911 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 65 Resp: 25881
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

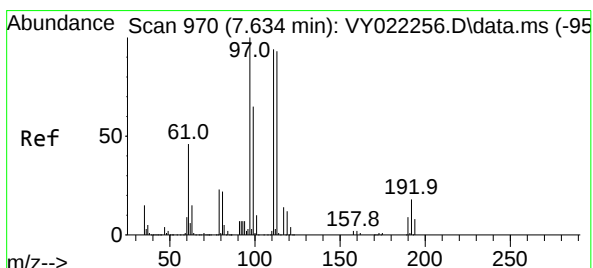
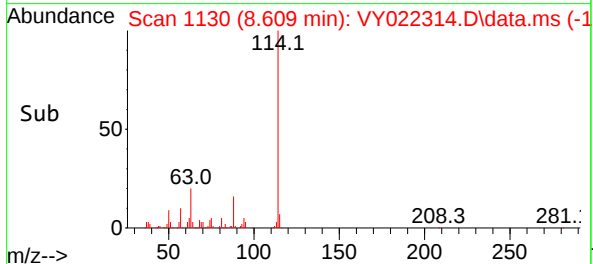
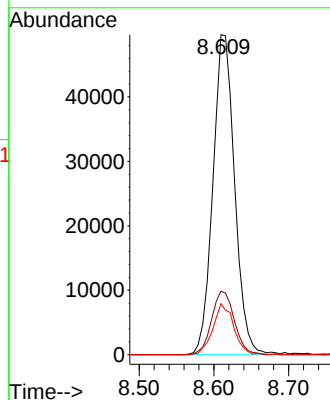
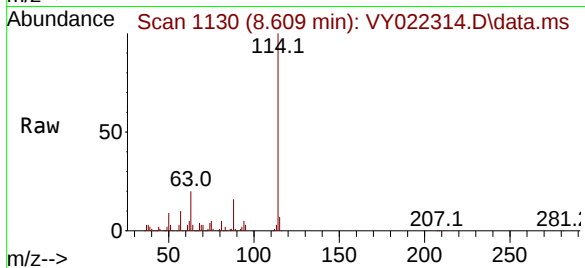
Tgt Ion:114 Resp: 100499

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

88 15.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 45.946 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

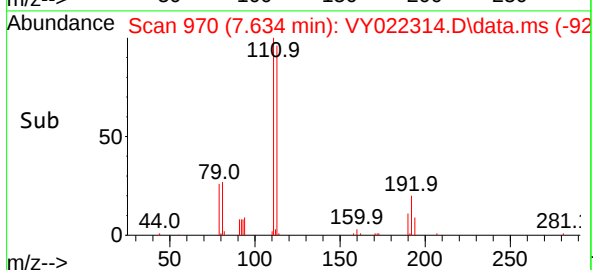
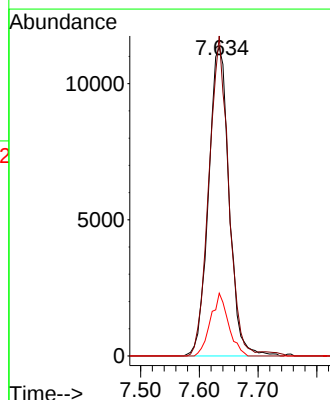
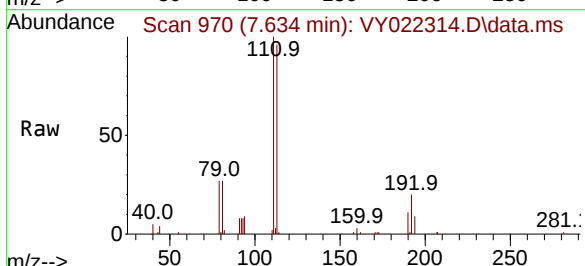
Tgt Ion:113 Resp: 27560

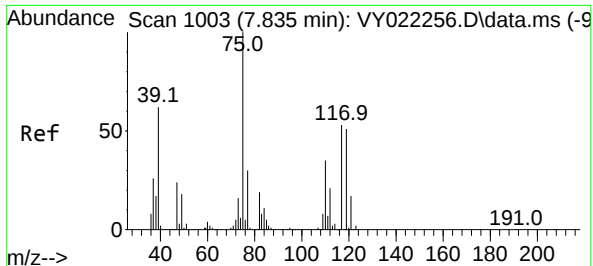
Ion Ratio Lower Upper

113 100

111 98.9 82.6 123.8

192 17.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 6.111 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

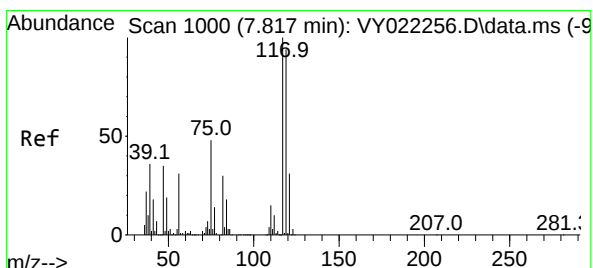
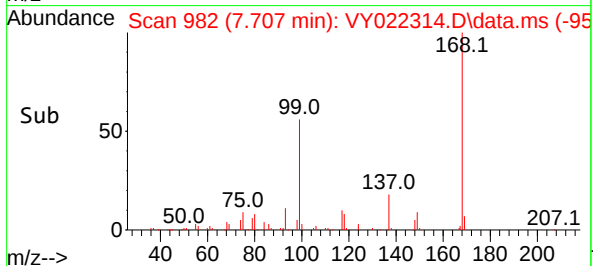
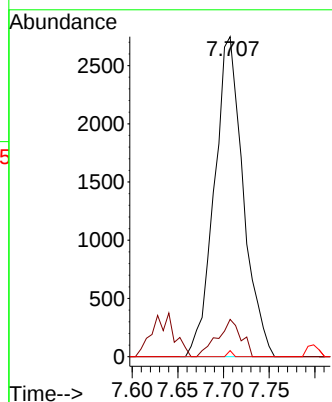
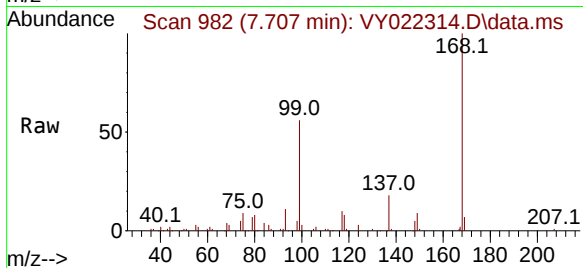
Tgt Ion: 75 Resp: 6038

Ion Ratio Lower Upper

75 100

110 9.6 16.6 49.8#

77 0.3 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.836 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

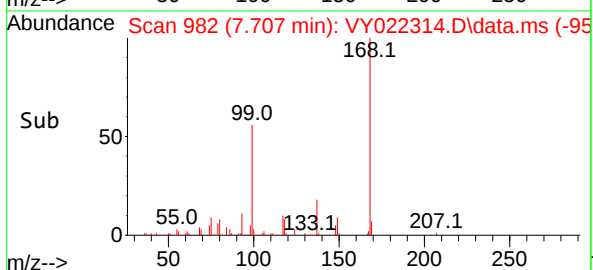
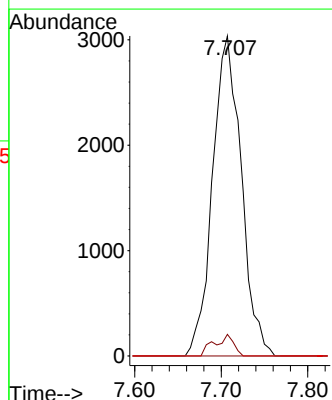
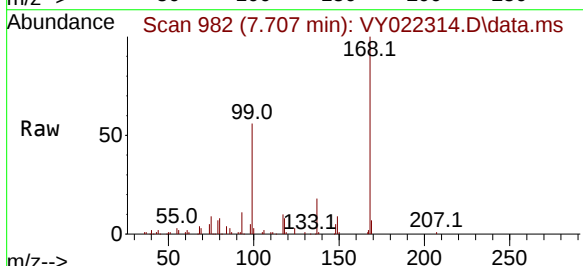
Tgt Ion: 117 Resp: 6991

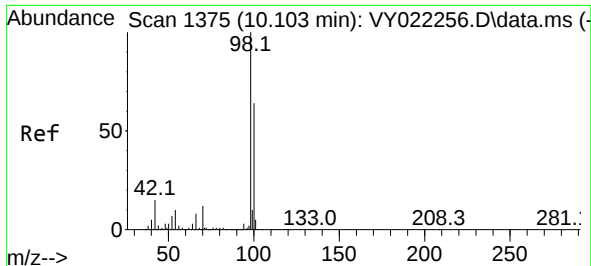
Ion Ratio Lower Upper

117 100

119 6.8 75.3 112.9#

121 0.0 24.7 37.1#

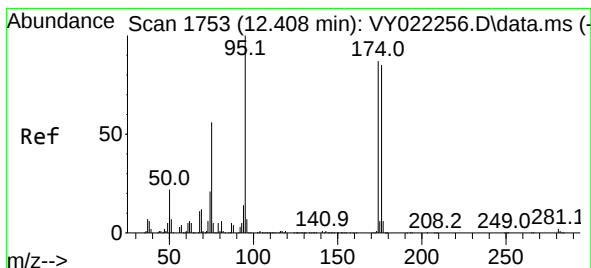
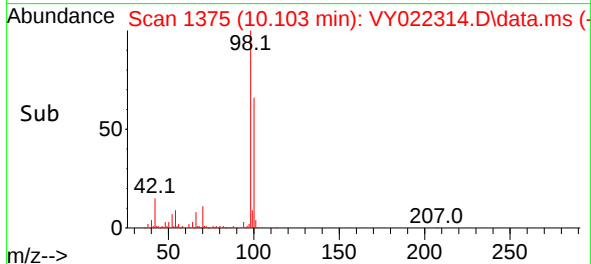
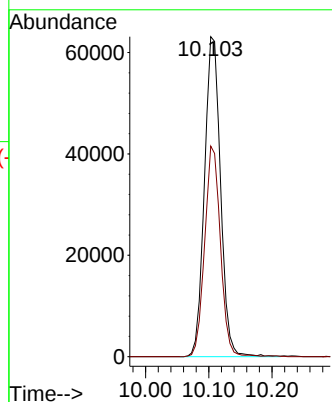
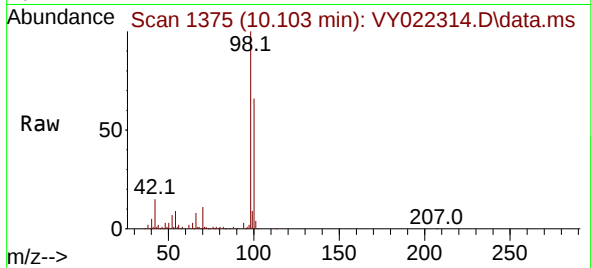




#50
Toluene-d8
Concen: 45.604 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

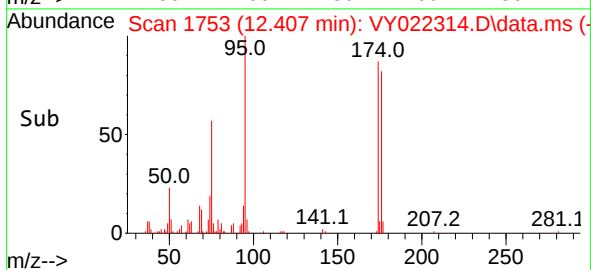
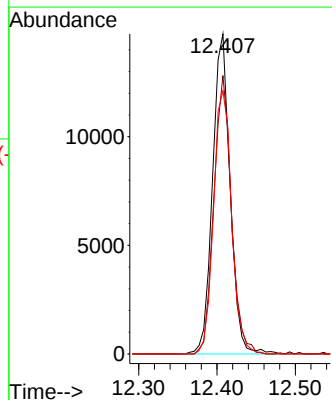
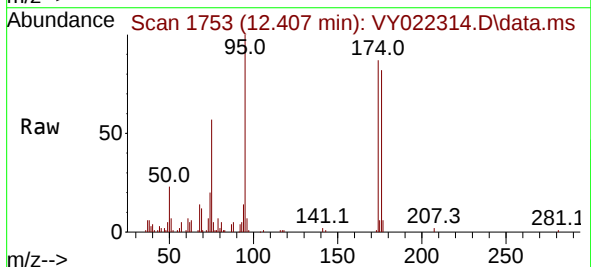
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

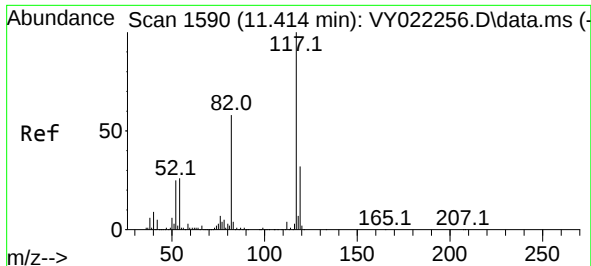
Tgt Ion: 98 Resp: 112033
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 29.433 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 95 Resp: 22919
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.8
176 84.7 0.0 160.8

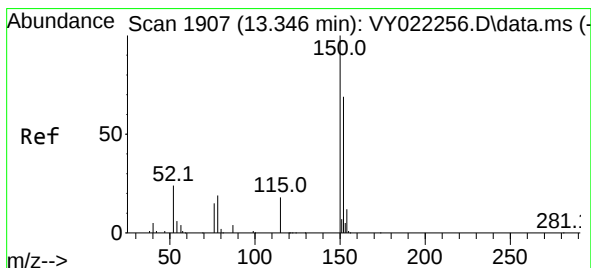
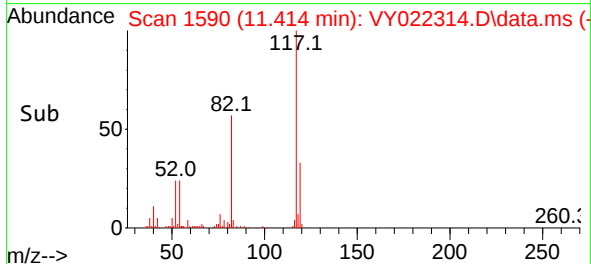
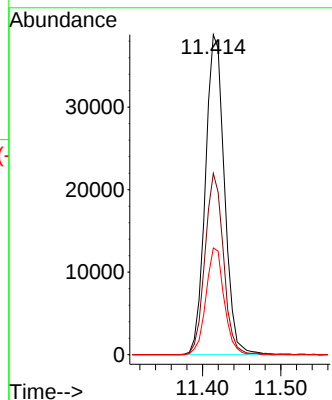
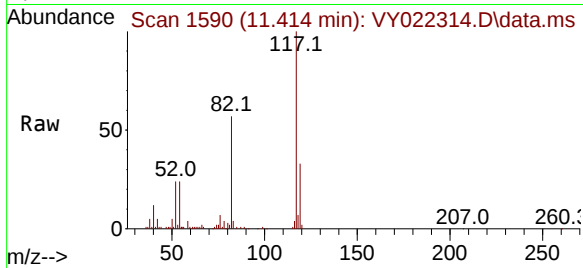




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

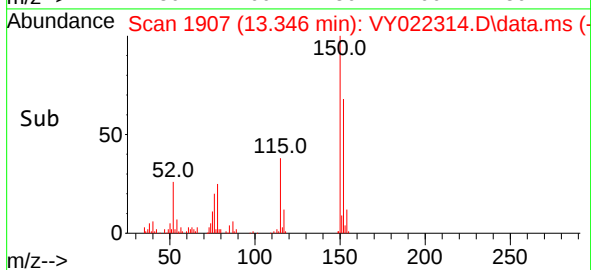
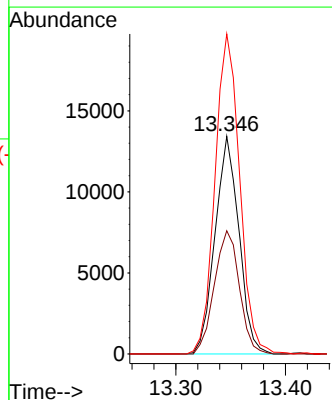
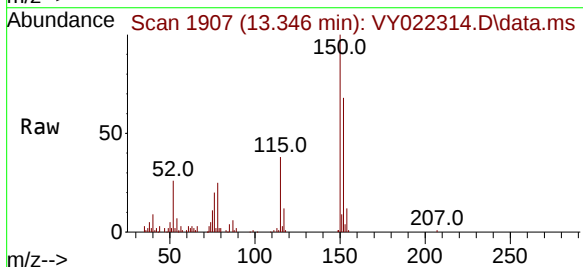
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

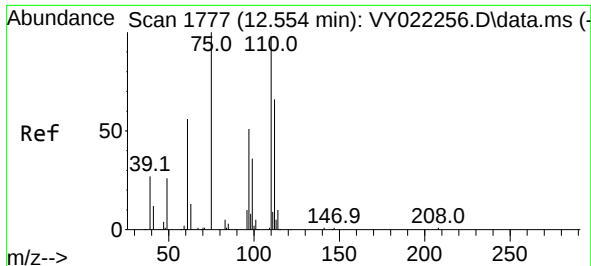
Tgt Ion:117 Resp: 65229
Ion Ratio Lower Upper
117 100
82 56.7 46.6 70.0
119 33.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion:152 Resp: 20342
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.2
150 151.8 0.0 353.8

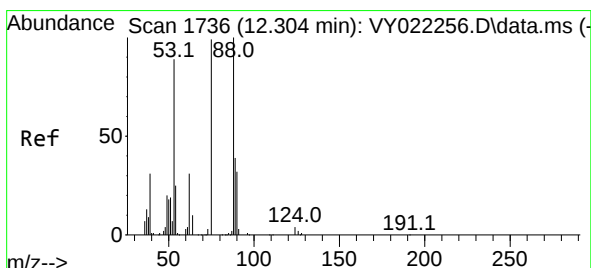
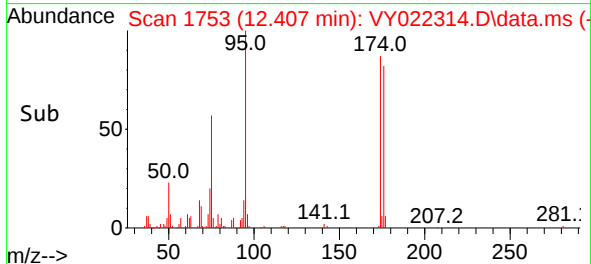
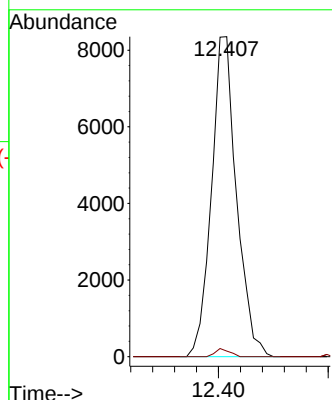
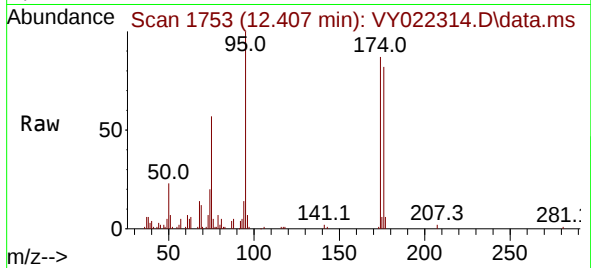




#76
1,2,3-Trichloropropane
Concen: 64.400 ug/l
RT: 12.407 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

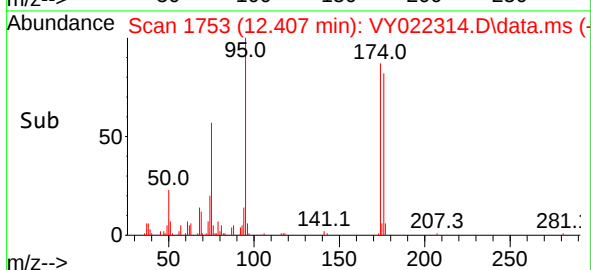
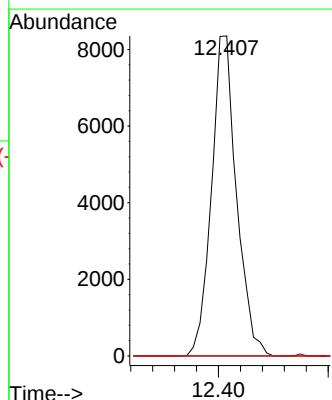
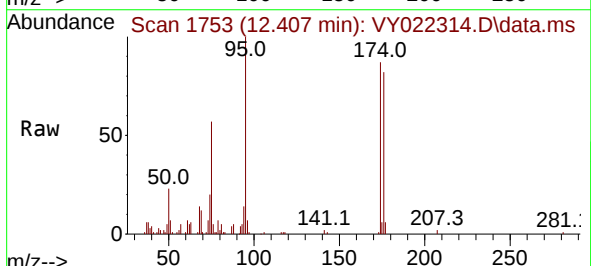
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

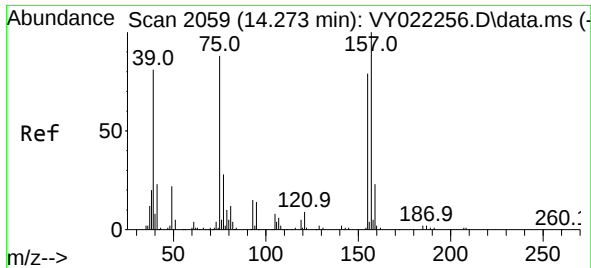
Tgt Ion: 75 Resp: 13272
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.459 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 75 Resp: 13272
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 36.2 54.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.364 ug/l

RT: 14.328 min Scan# 20

Delta R.T. 0.055 min

Lab File: VY022314.D

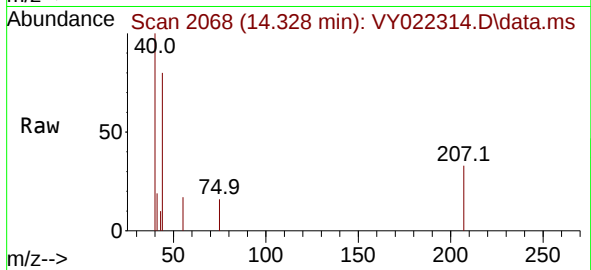
Acq: 19 May 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE



Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

155 0.0 43.4 130.1#

157 0.0 54.6 163.9#

