

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022330.D
 Acq On : 20 May 2025 09:48
 Operator : SY/MD
 Sample : VY0520SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBL01

Quant Time: May 21 01:43:26 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

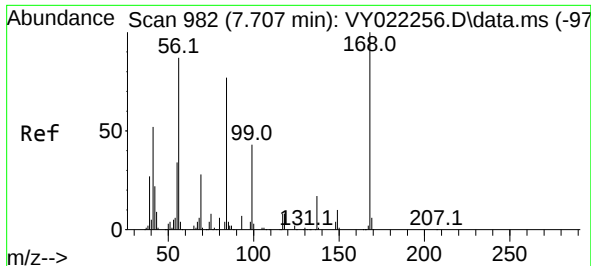
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	253729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	453295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	355808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126632	45.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.340%		
35) Dibromofluoromethane	7.634	113	130811	48.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.700%		
50) Toluene-d8	10.109	98	538600	48.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.407	95	184563	52.549	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.100%		
Target Compounds						Qvalue
31) Cyclohexane	7.707	56	7003	1.248	ug/l #	33
36) 1,1-Dichloropropene	7.707	75	22968	5.154	ug/l #	50
38) Carbon Tetrachloride	7.707	117	25176	5.458	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	107912	85.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	107912	173.214	ug/l #	12

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

Quant Time: May 21 01:43:26 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

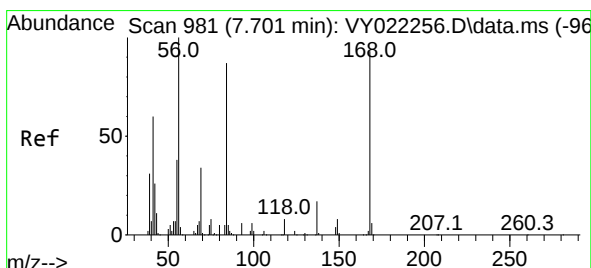
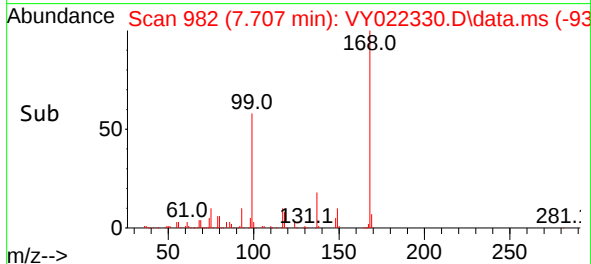
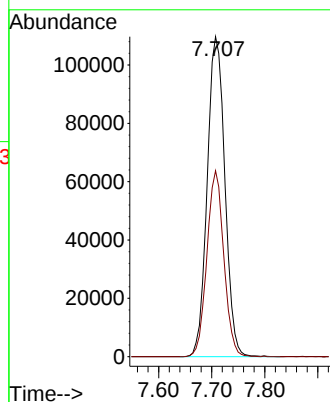
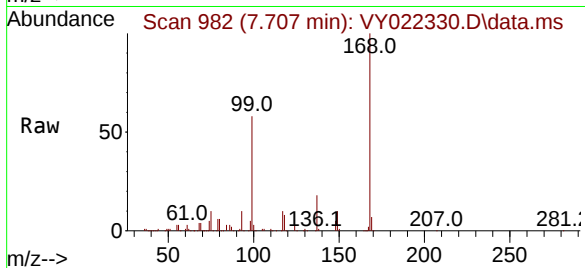




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

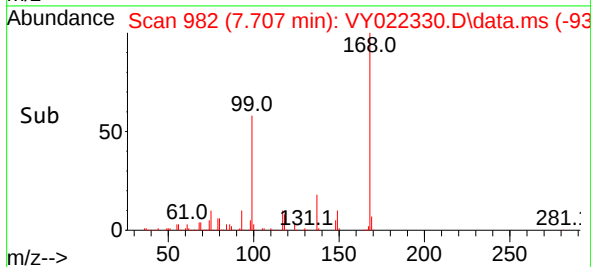
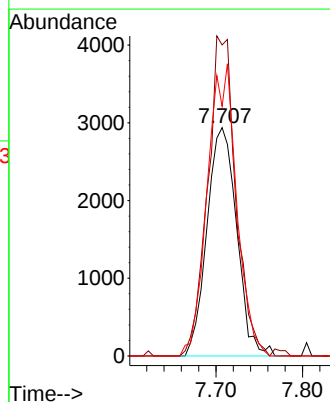
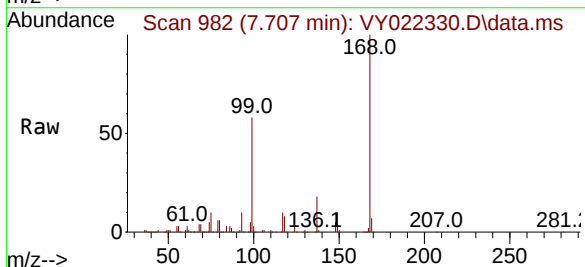
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

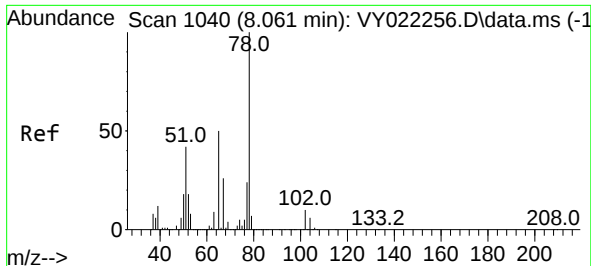
Tgt Ion:168 Resp: 253729
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion: 56 Resp: 7003
Ion Ratio Lower Upper
56 100
69 136.2 27.4 41.2#
84 109.3 70.0 105.0#





#33

1,2-Dichloroethane-d4

Concen: 45.666 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022330.D

Acq: 20 May 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

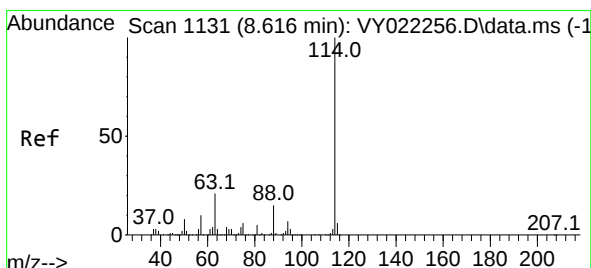
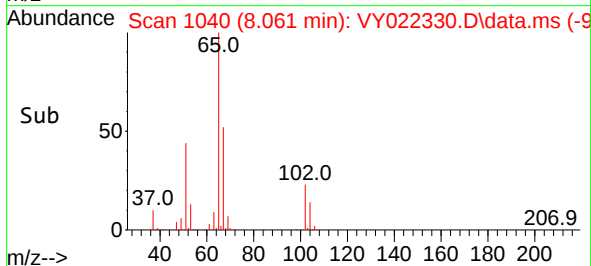
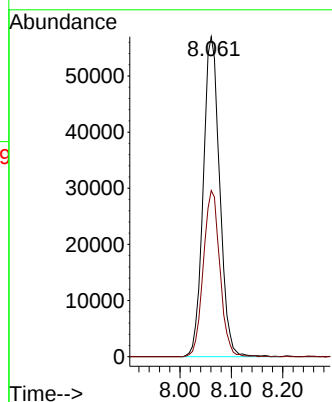
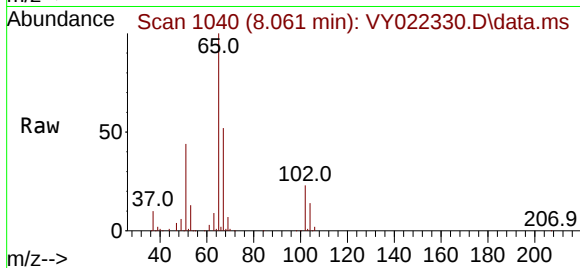
VY0520SBL01

Tgt Ion: 65 Resp: 126632

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022330.D

Acq: 20 May 2025 09:48

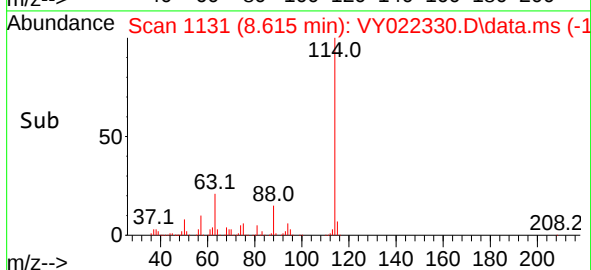
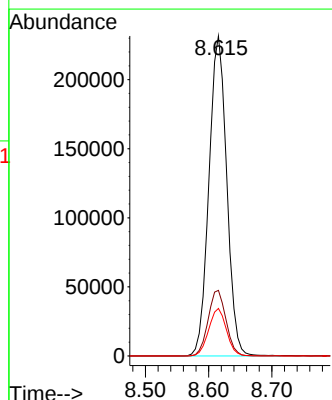
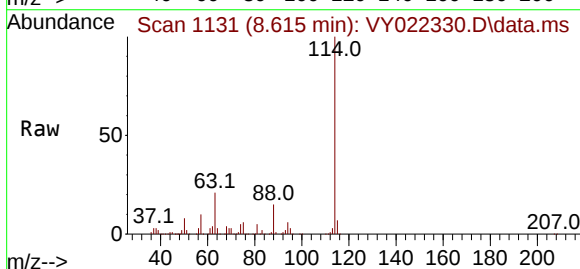
Tgt Ion: 114 Resp: 453295

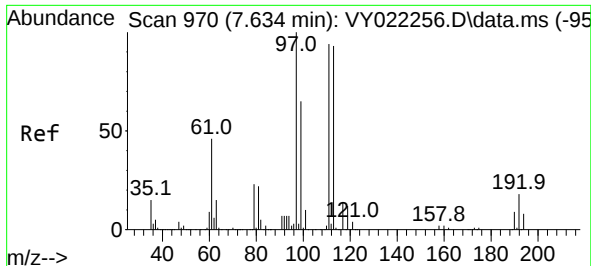
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.349 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022330.D

Acq: 20 May 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBL01

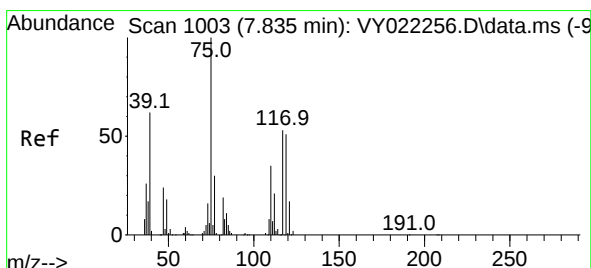
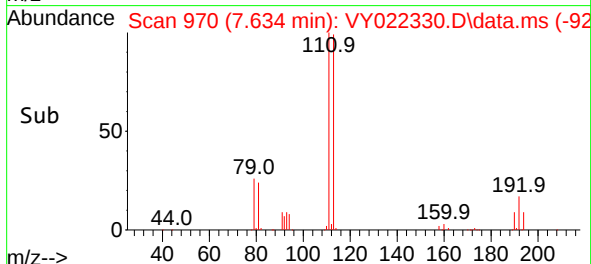
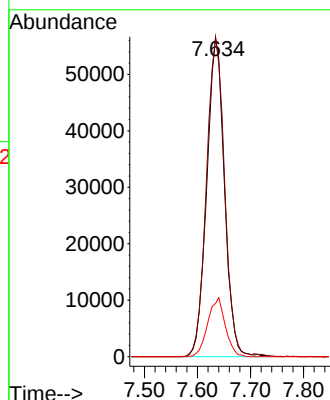
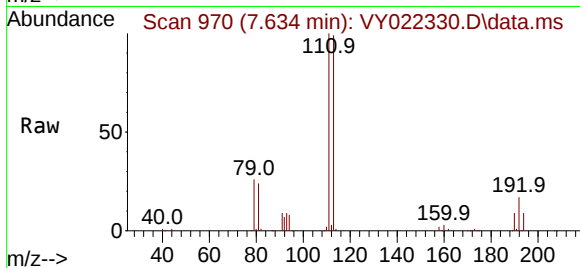
Tgt Ion:113 Resp: 130811

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.154 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY022330.D

Acq: 20 May 2025 09:48

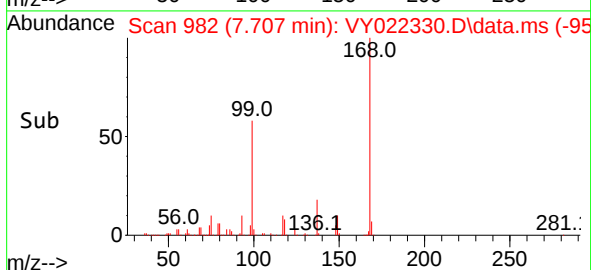
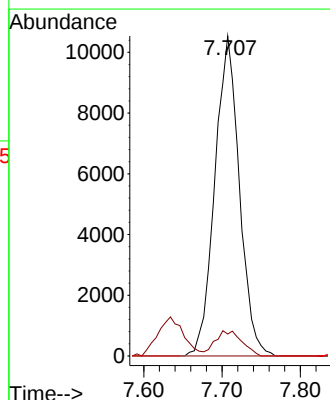
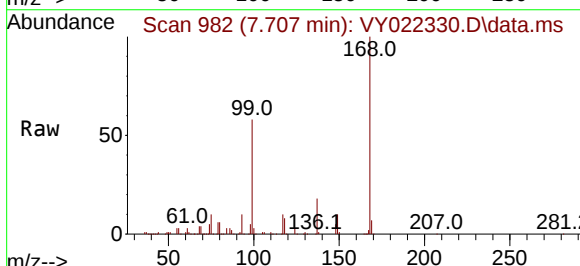
Tgt Ion: 75 Resp: 22968

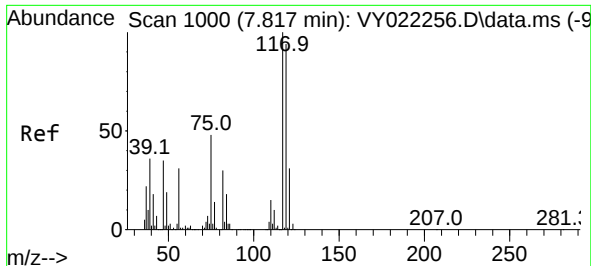
Ion Ratio Lower Upper

75 100

110 8.5 16.6 49.8#

77 0.0 24.6 37.0#

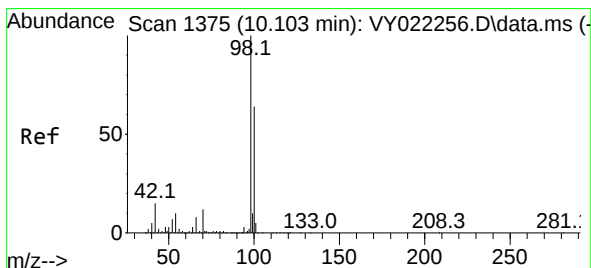
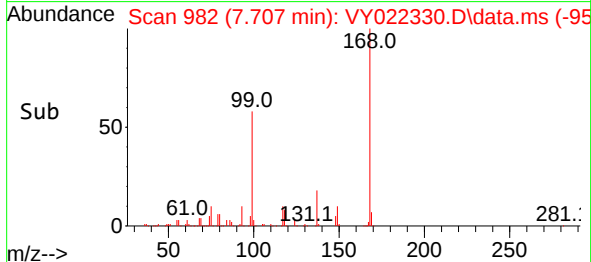
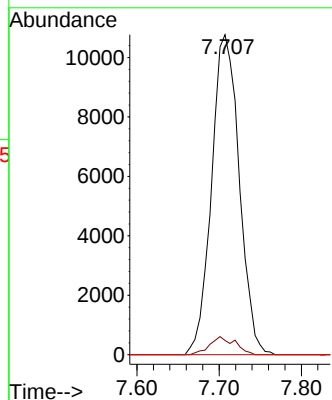
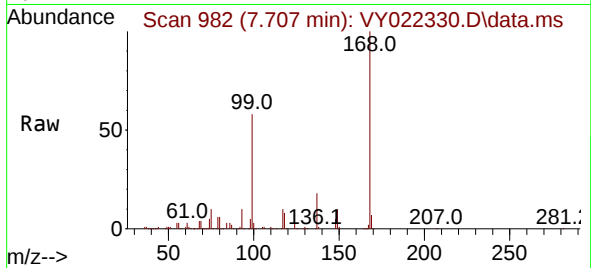




#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

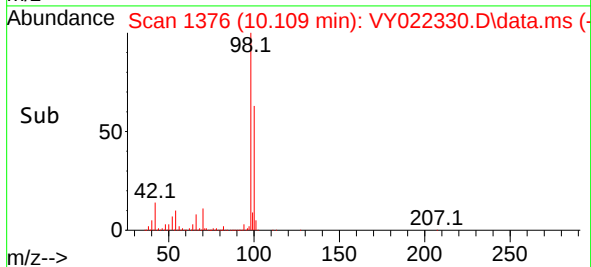
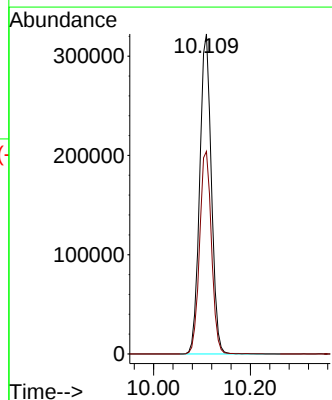
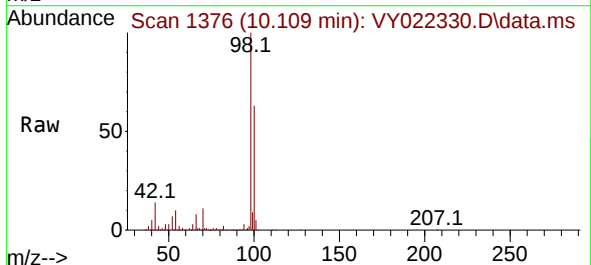
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

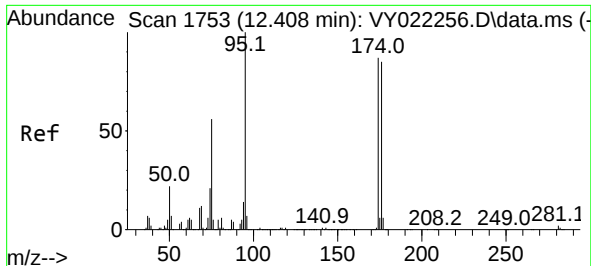
Tgt Ion:117 Resp: 25176
Ion Ratio Lower Upper
117 100
119 4.5 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion: 98 Resp: 538600
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

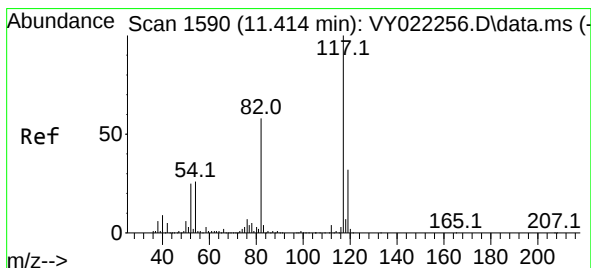
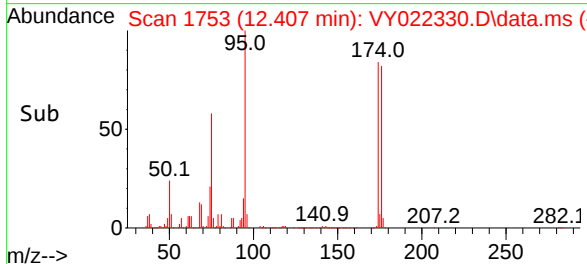
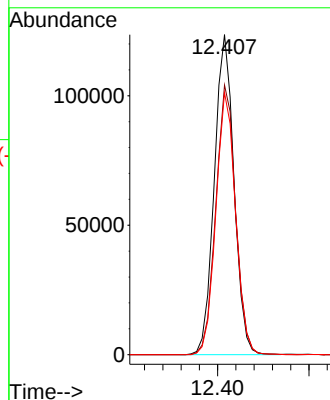
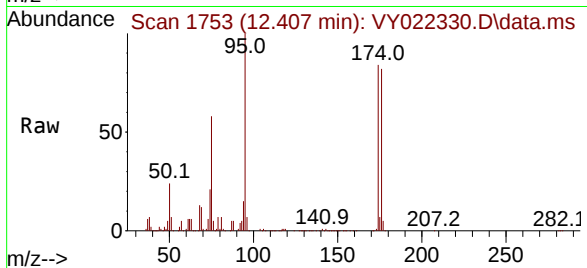




#62
4-Bromofluorobenzene
Concen: 52.549 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

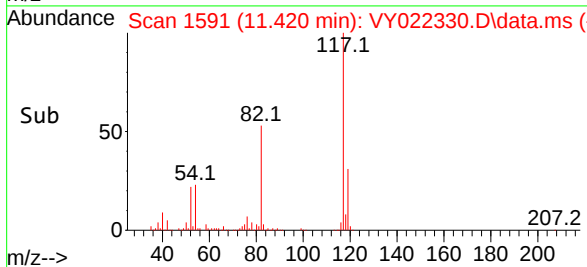
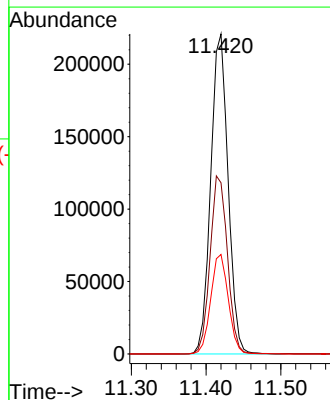
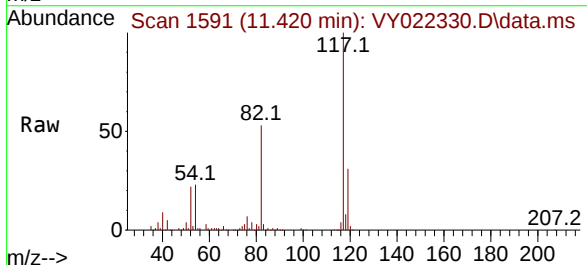
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ClientSampleId :
VY0520SBL01

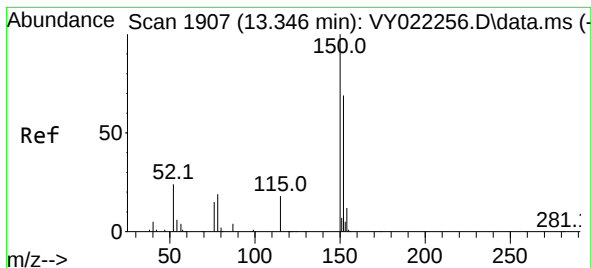
Tgt Ion: 95 Resp: 184563
Ion Ratio Lower Upper
95 100
174 85.0 0.0 166.8
176 81.9 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022330.D
Acq: 20 May 2025 09:48

Tgt Ion: 117 Resp: 355808
Ion Ratio Lower Upper
117 100
82 53.5 46.6 70.0
119 31.1 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: VY022330.D

Acq: 20 May 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBL01

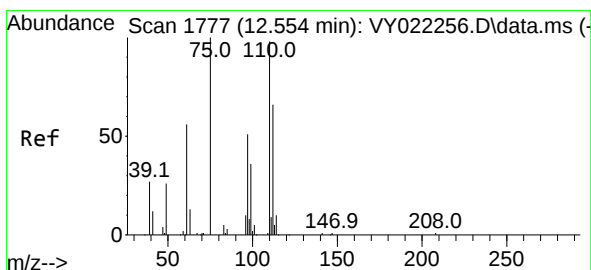
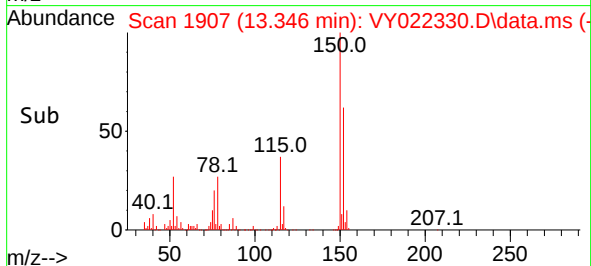
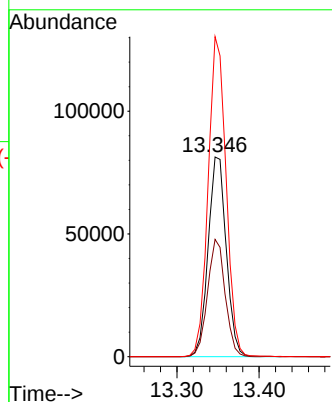
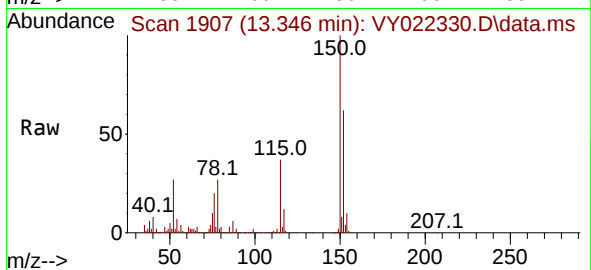
Tgt Ion:152 Resp: 124571

Ion Ratio Lower Upper

152 100

115 57.1 29.4 88.2

150 158.5 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 85.506 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022330.D

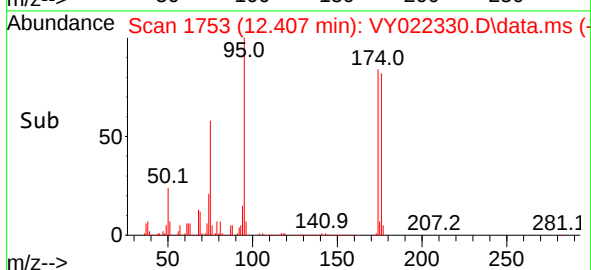
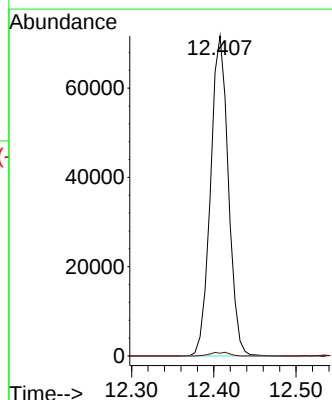
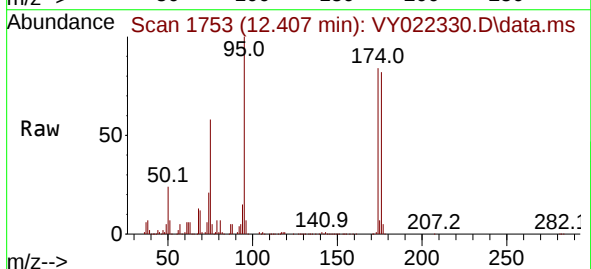
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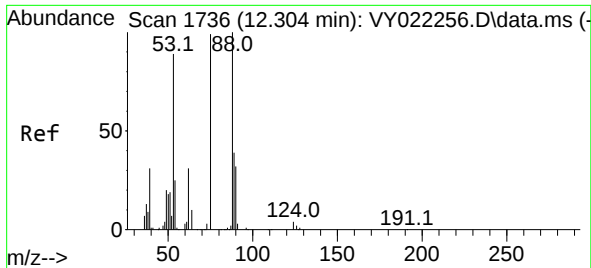
Tgt Ion: 75 Resp: 107912

Ion Ratio Lower Upper

75 100

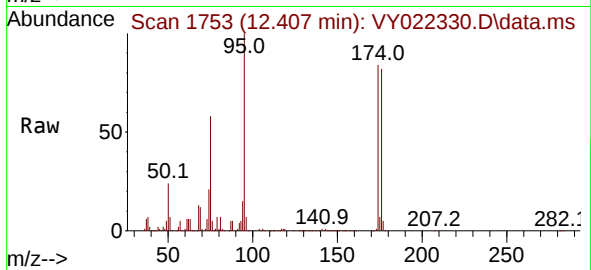
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.214 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022330.D
 Acq: 20 May 2025 09:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBL01



Tgt Ion: 75 Resp: 107912
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 36.2 54.2#

