

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022261.D
 Acq On : 15 May 2025 13:44
 Operator : SY/MD
 Sample : VY0515SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

Quant Time: May 16 01:53:43 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

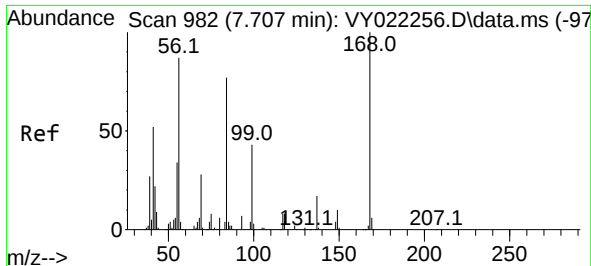
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	357935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	617938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	477752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	173912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167429	42.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.600%
35) Dibromofluoromethane	7.634	113	178256	48.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.103	98	735166	48.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.408	95	190691	39.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.660%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.707	56	9623	1.216	ug/l #	43
36) 1,1-Dichloropropene	7.707	75	29981	4.935	ug/l #	52
38) Carbon Tetrachloride	7.707	117	36161	5.751	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	106647	60.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	106647	122.617	ug/l #	12

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

Quant Time: May 16 01:53:43 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

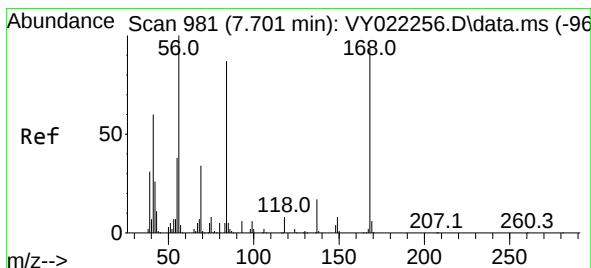
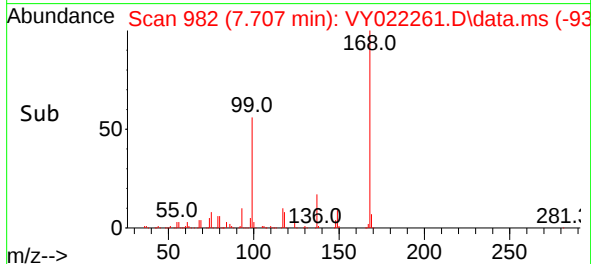
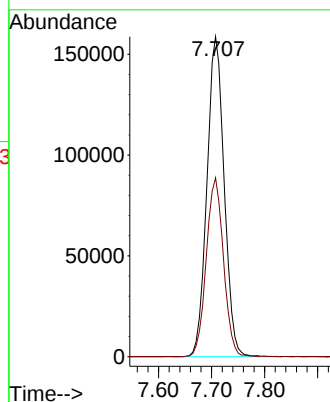
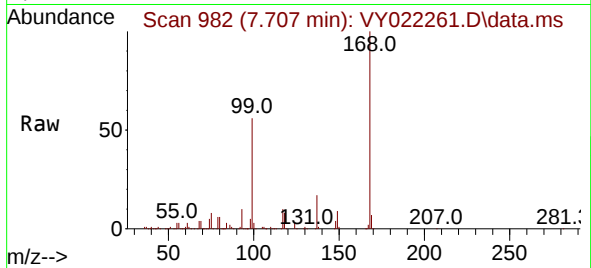




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

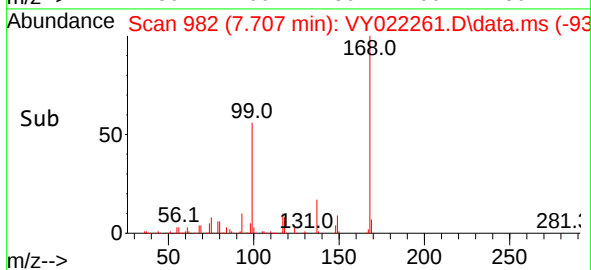
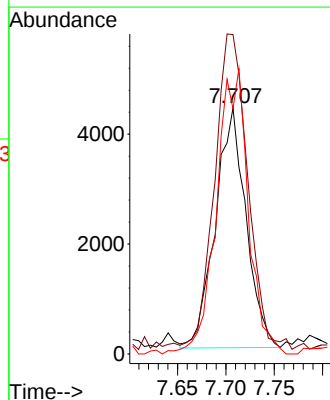
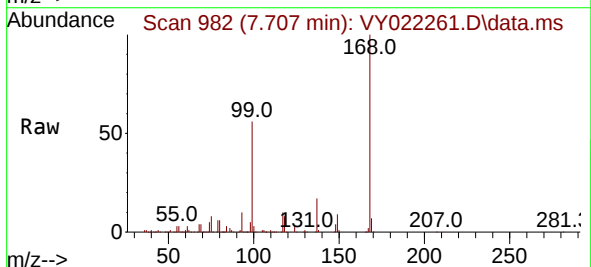
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

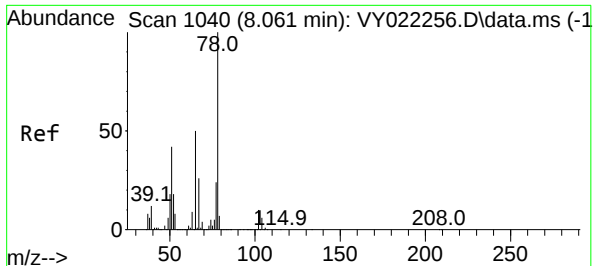
Tgt Ion:168 Resp: 357935
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

Tgt Ion: 56 Resp: 9623
Ion Ratio Lower Upper
56 100
69 129.7 27.4 41.2#
84 100.4 70.0 105.0





#33

1,2-Dichloroethane-d4

Concen: 42.800 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022261.D

Acq: 15 May 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

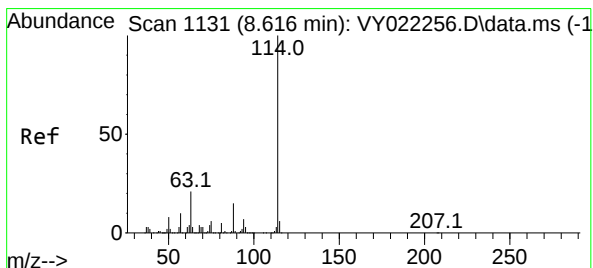
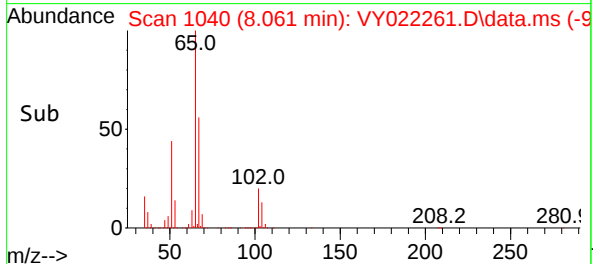
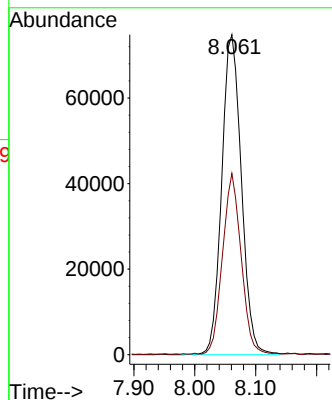
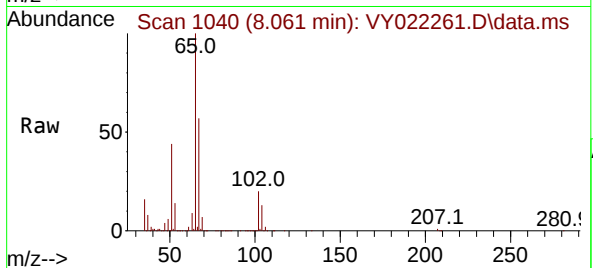
VY0515SBL01

Tgt Ion: 65 Resp: 167429

Ion Ratio Lower Upper

65 100

67 53.5 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: VY022261.D

Acq: 15 May 2025 13:44

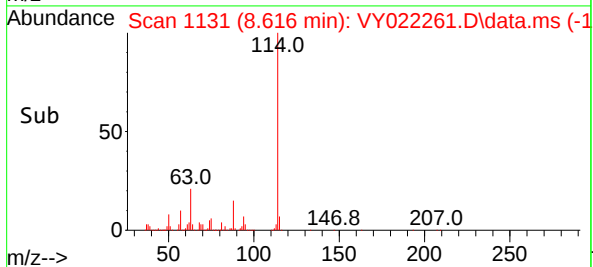
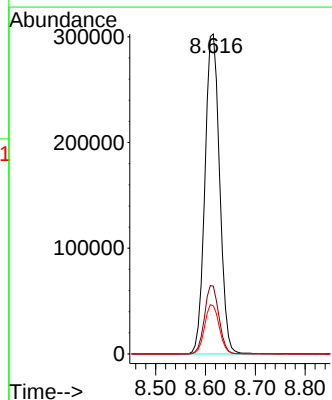
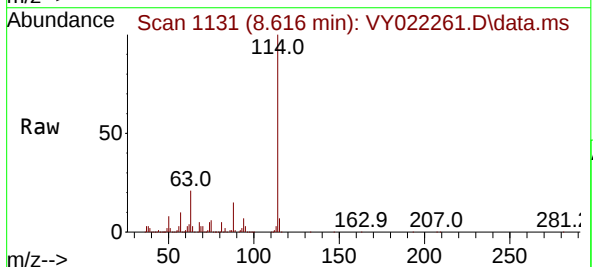
Tgt Ion:114 Resp: 617938

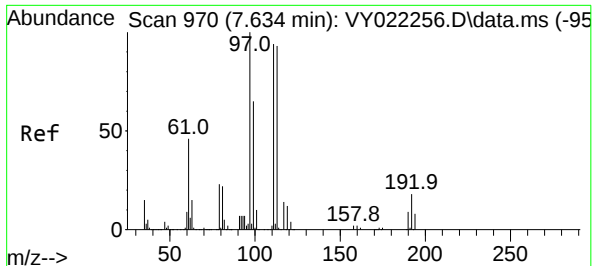
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.0

88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022261.D

Acq: 15 May 2025 13:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBL01

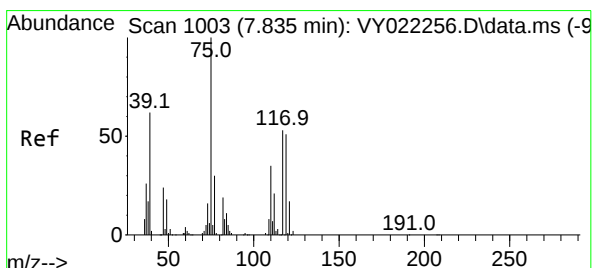
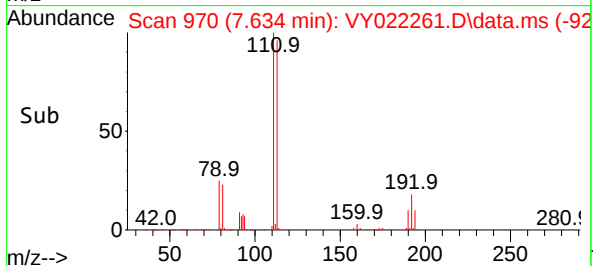
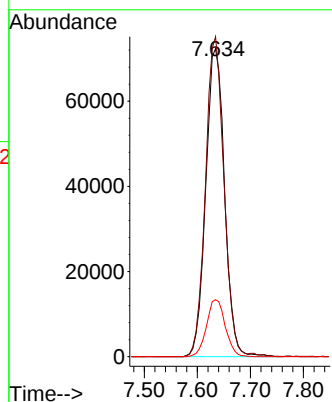
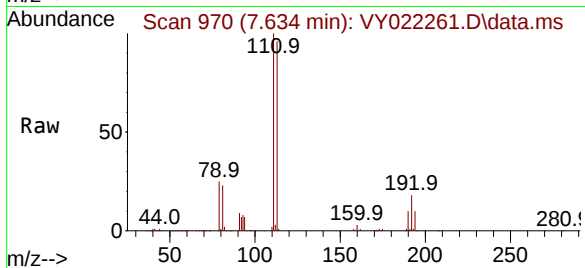
Tgt Ion:113 Resp: 178256

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY022261.D

Acq: 15 May 2025 13:44

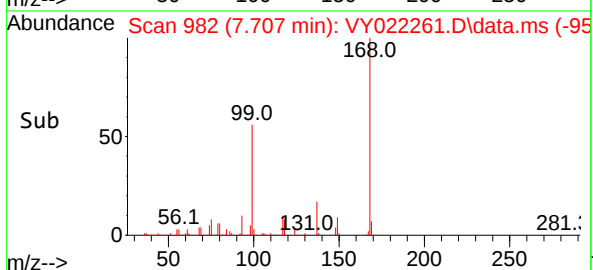
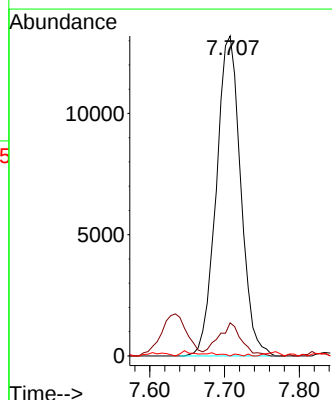
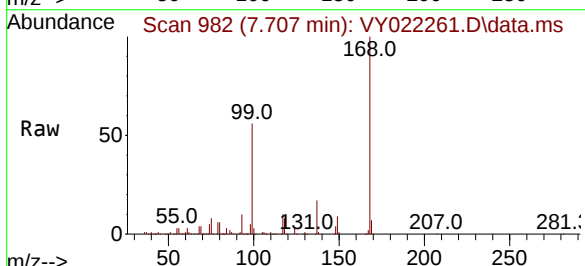
Tgt Ion: 75 Resp: 29981

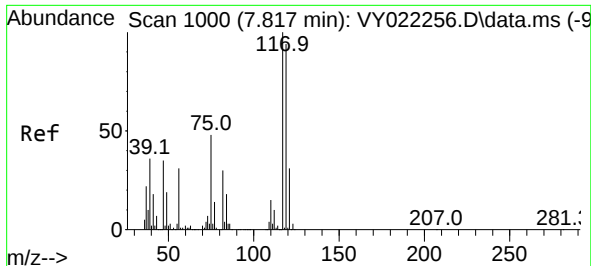
Ion Ratio Lower Upper

75 100

110 9.8 16.6 49.8#

77 0.2 24.6 37.0#

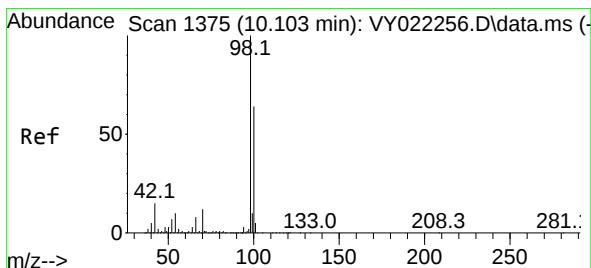
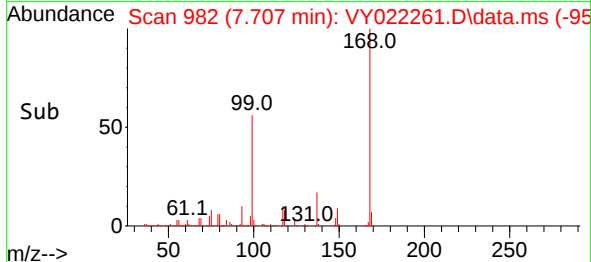
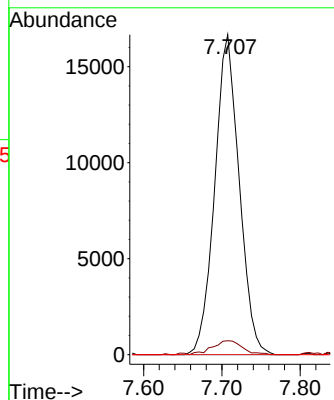
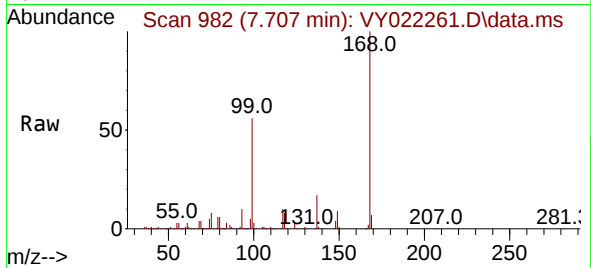




#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

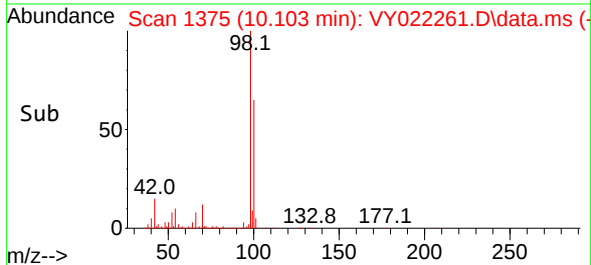
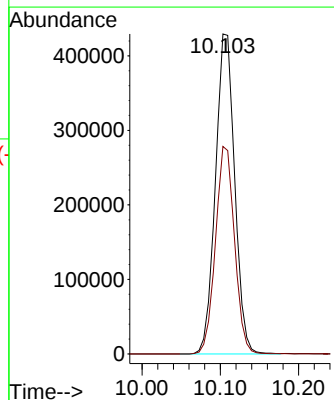
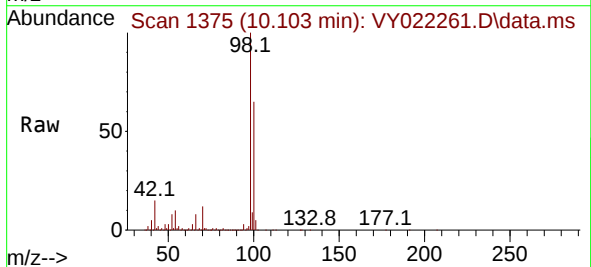
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

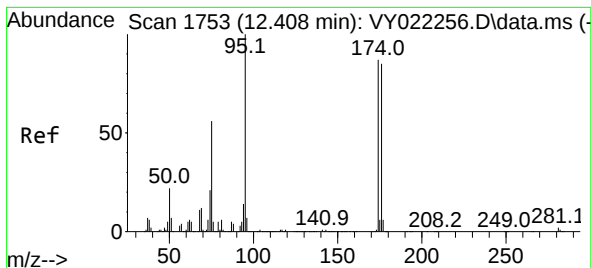
Tgt Ion:117 Resp: 36161
Ion Ratio Lower Upper
117 100
119 4.4 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.669 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

Tgt Ion: 98 Resp: 735166
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

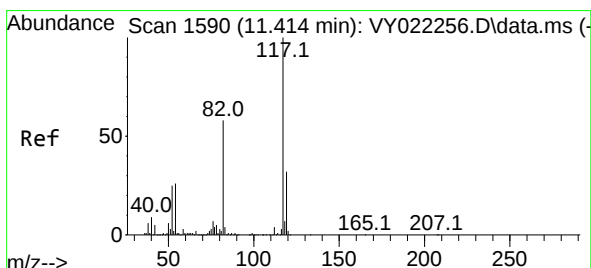
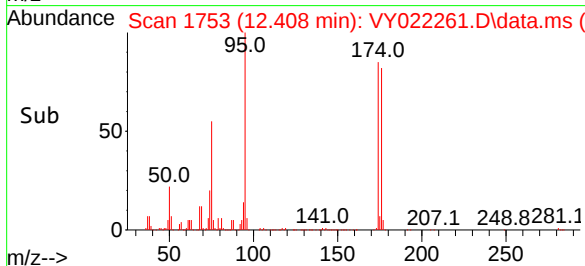
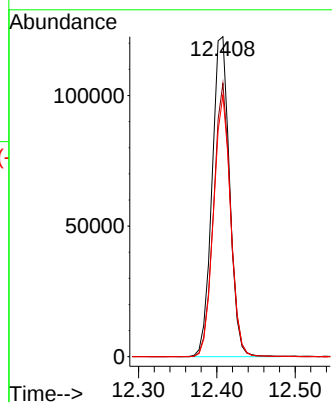
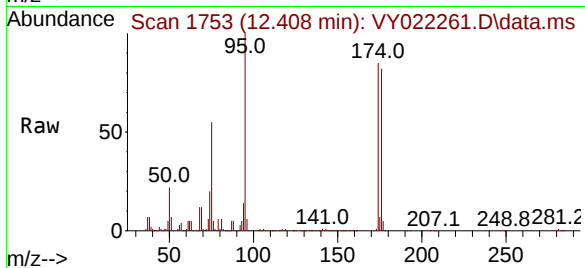




#62
4-Bromofluorobenzene
Concen: 39.828 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

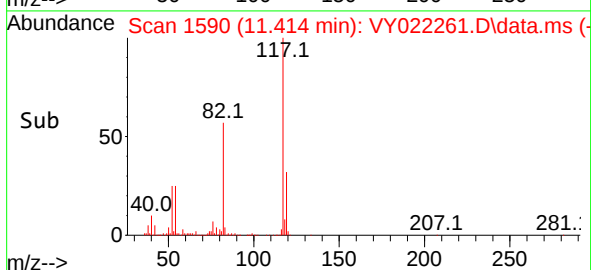
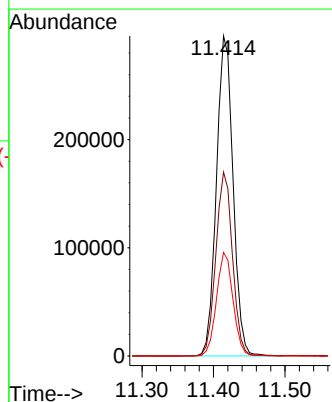
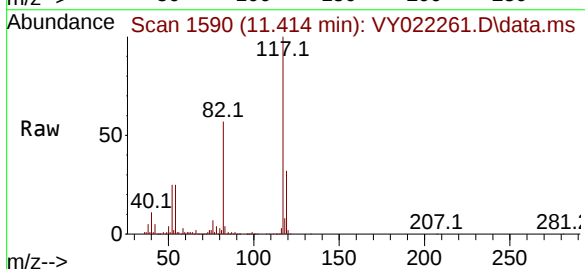
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VY0515SBL01

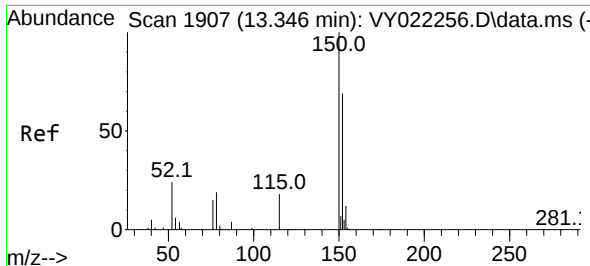
Tgt Ion: 95 Resp: 190691
Ion Ratio Lower Upper
95 100
174 82.3 0.0 166.8
176 79.5 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022261.D
Acq: 15 May 2025 13:44

Tgt Ion: 117 Resp: 477752
Ion Ratio Lower Upper
117 100
82 57.4 46.6 70.0
119 32.3 25.8 38.6

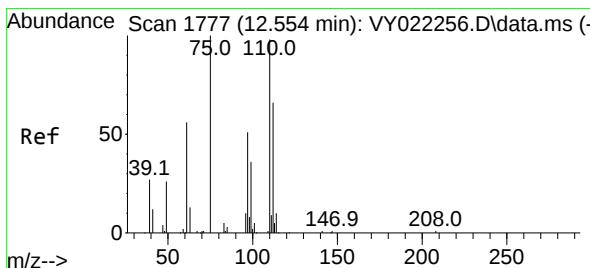
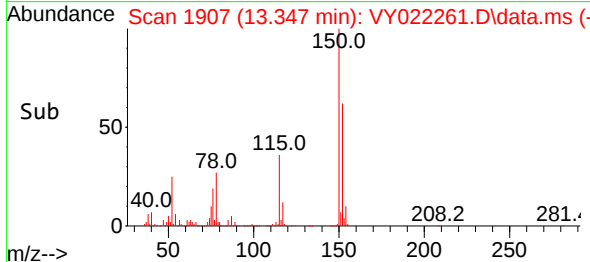
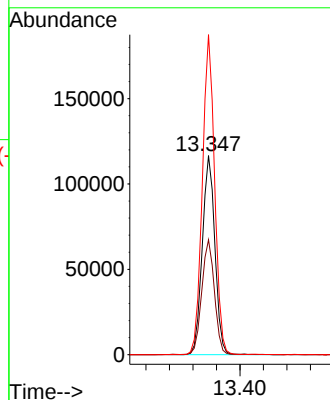
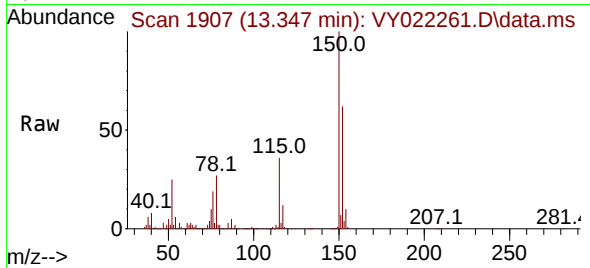




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022261.D
 Acq: 15 May 2025 13:44

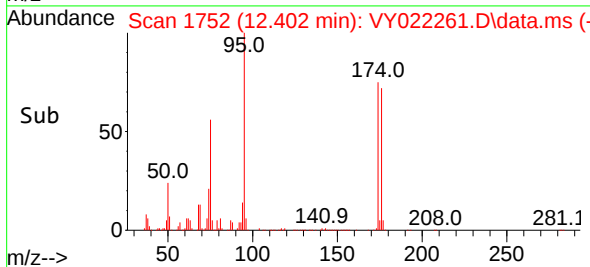
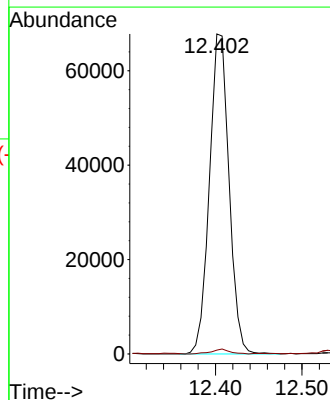
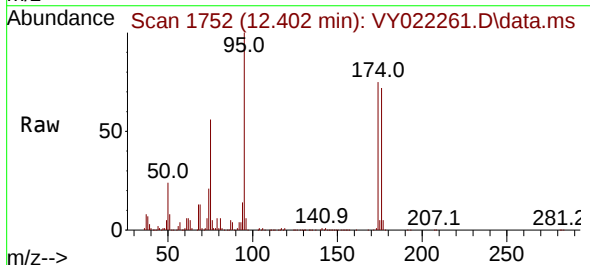
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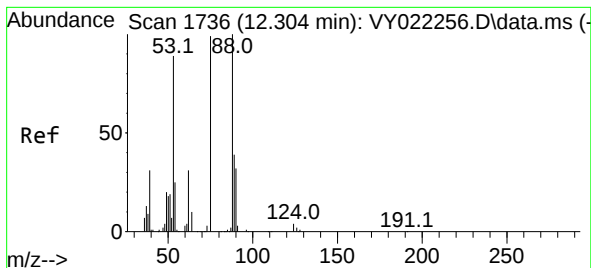
Tgt Ion:152 Resp: 173912
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.4 88.2
 150 156.2 0.0 353.8



#76
 1,2,3-Trichloropropane
 Concen: 60.529 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022261.D
 Acq: 15 May 2025 13:44

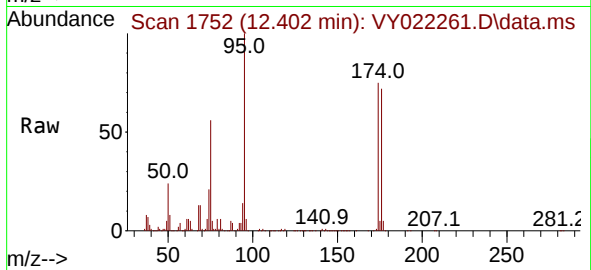
Tgt Ion: 75 Resp: 106647
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.617 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY022261.D
 Acq: 15 May 2025 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01



Tgt Ion: 75 Resp: 106647
 Ion Ratio Lower Upper
 75 100
 53 0.2 75.8 113.8#
 89 0.0 36.2 54.2#

