

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022106.D
 Acq On : 01 May 2025 14:38
 Operator : SY/MD
 Sample : Q1883-13
 Misc : 12.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-170-SB01

Quant Time: May 02 01:30:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

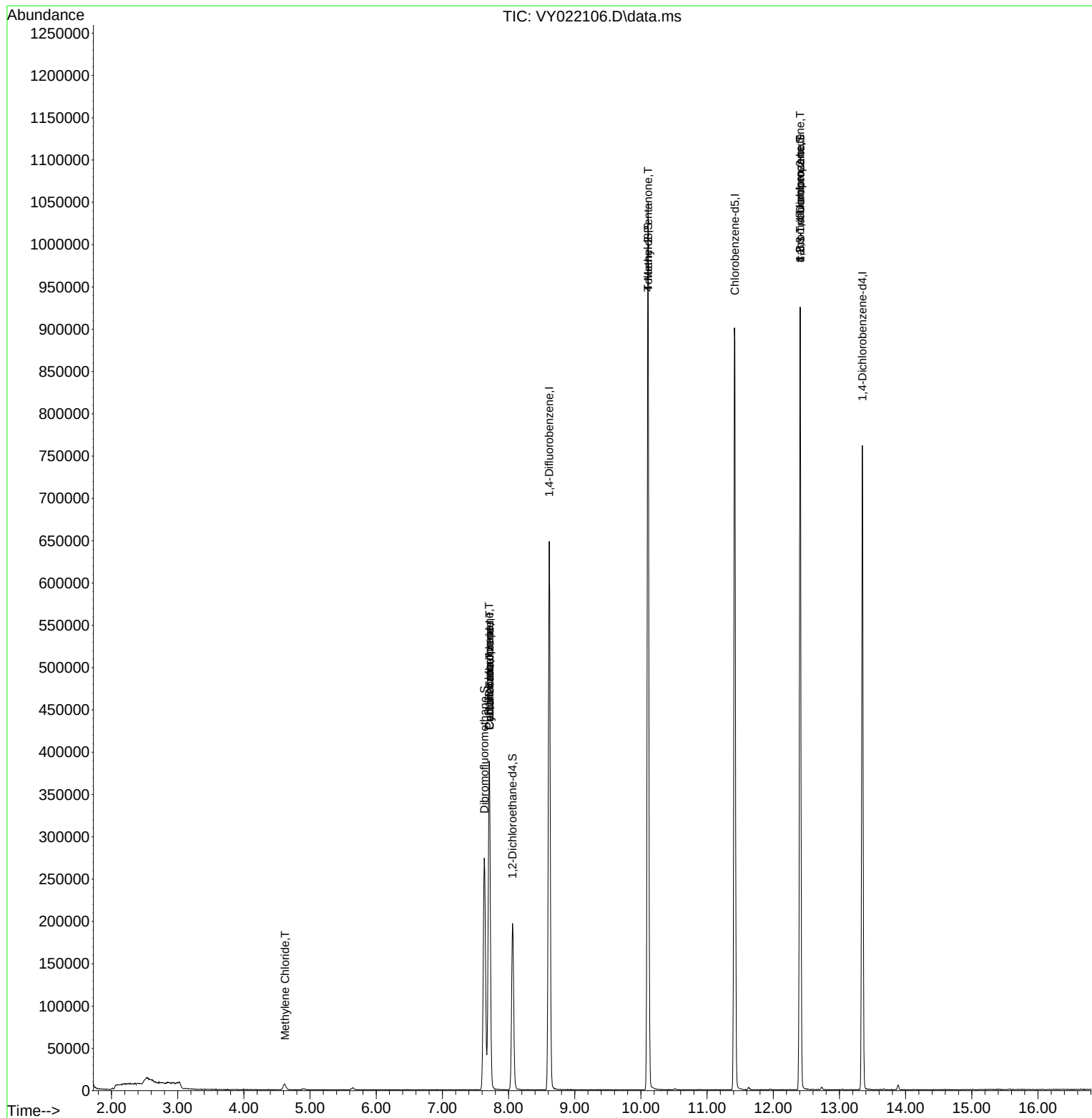
Internal Standards						
1) Pentafluorobenzene	7.713	168	307701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	584162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	521346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	197125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156205	54.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.634	113	198196	51.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.109	98	696993	47.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.800%	
62) 4-Bromofluorobenzene	12.407	95	276478	56.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	535	Below Cal		99
20) Methylene Chloride	4.622	84	5527	1.538	ug/l #	90
31) Cyclohexane	7.713	56	5855	1.246	ug/l #	20
36) 1,1-Dichloropropene	7.707	75	22239	4.290	ug/l #	43
38) Carbon Tetrachloride	7.713	117	30211	4.877	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2363	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	131554	77.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	131554	187.626	ug/l #	16

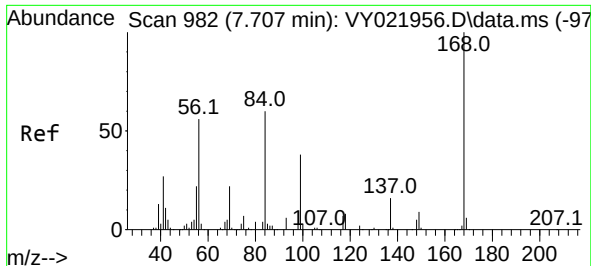
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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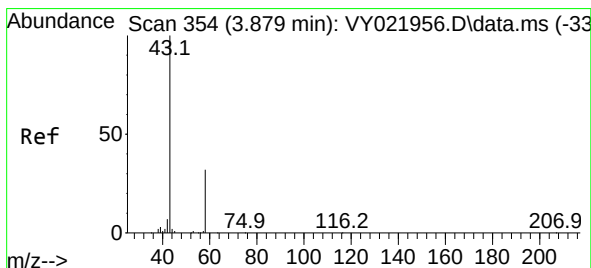
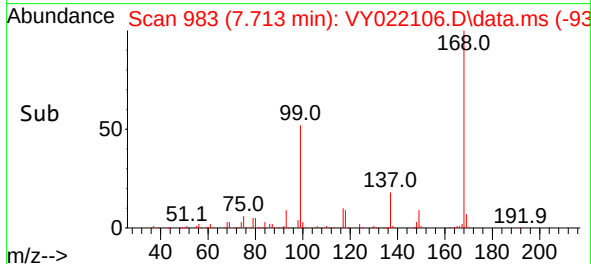
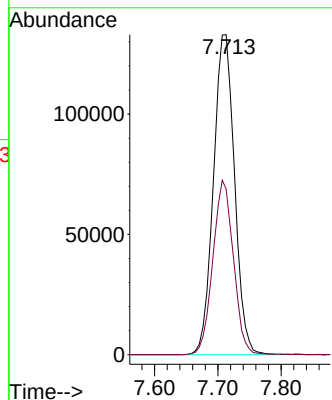
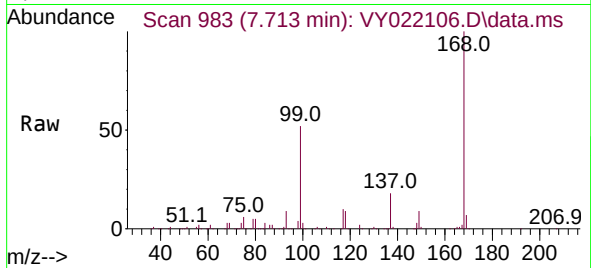




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

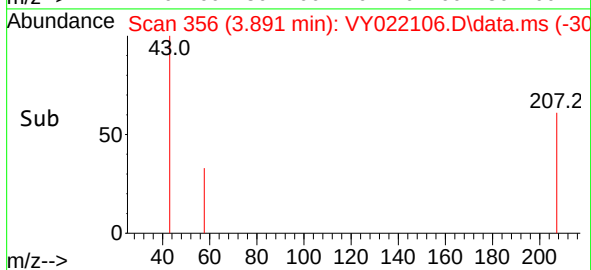
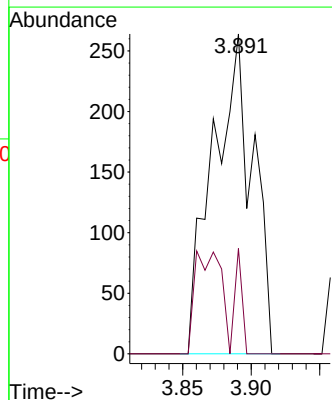
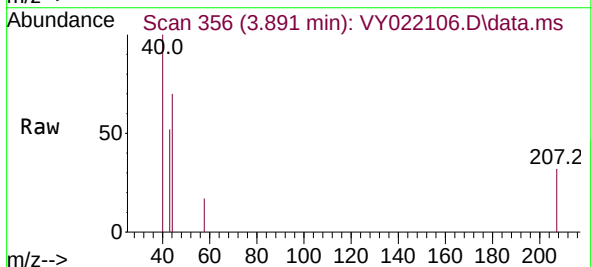
Instrument :
MSVOA_Y
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B-170-SB01

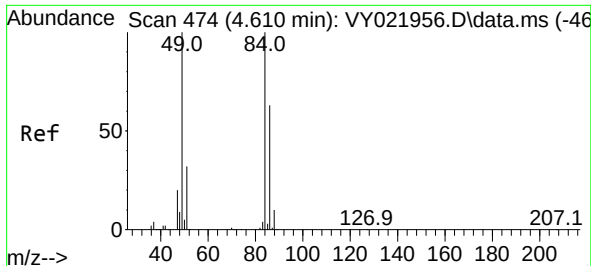
Tgt Ion:168 Resp: 307701
Ion Ratio Lower Upper
168 100
99 51.8 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
58 33.0 27.0 40.4





#20

Methylene Chloride

Concen: 1.538 ug/l

RT: 4.622 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY022106.D

Acq: 01 May 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

B-170-SB01

Tgt Ion: 84 Resp: 5527

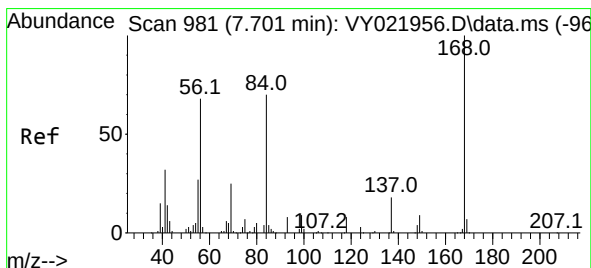
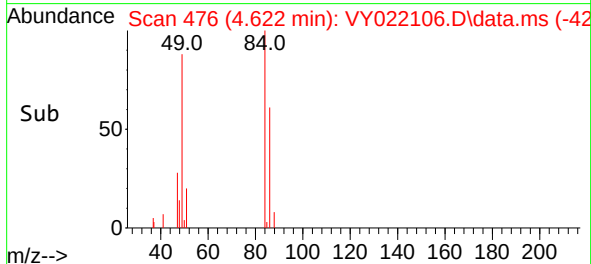
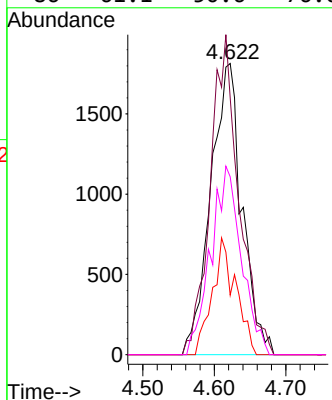
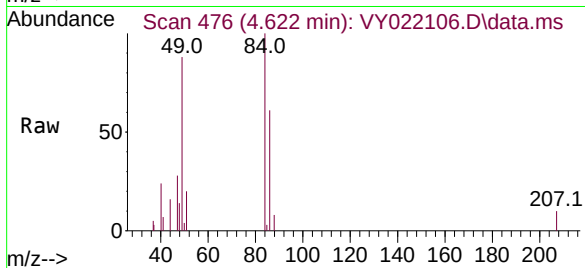
Ion Ratio Lower Upper

84 100

49 88.2 79.9 119.9

51 20.4 25.4 38.0#

86 61.1 50.6 76.0



#31

Cyclohexane

Concen: 1.246 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY022106.D

Acq: 01 May 2025 14:38

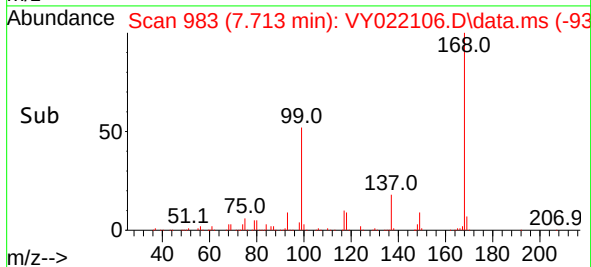
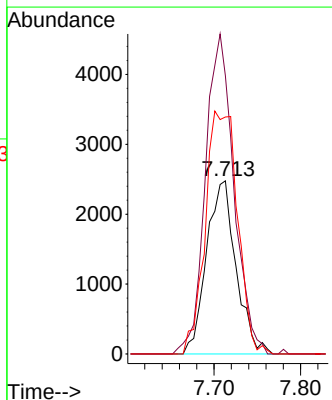
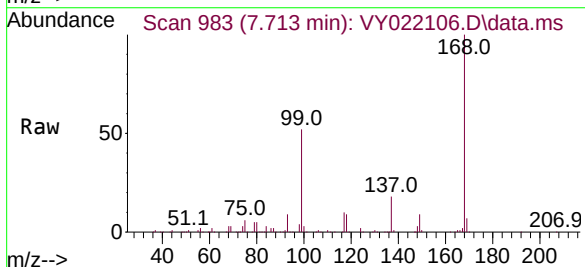
Tgt Ion: 56 Resp: 5855

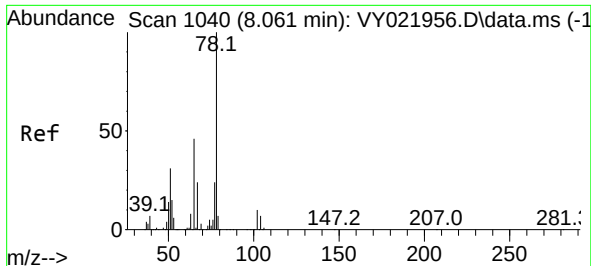
Ion Ratio Lower Upper

56 100

69 160.6 29.4 44.2#

84 136.9 82.2 123.4#





#33

1,2-Dichloroethane-d4

Concen: 54.960 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022106.D

Acq: 01 May 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

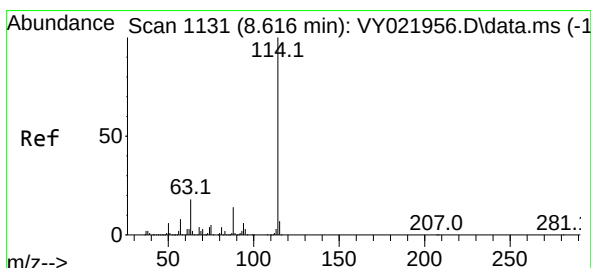
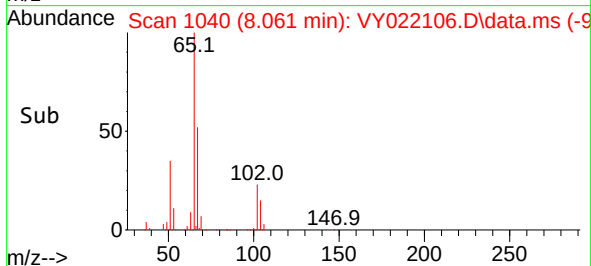
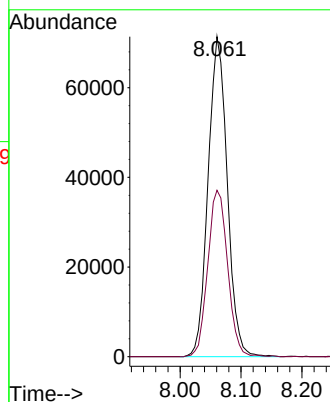
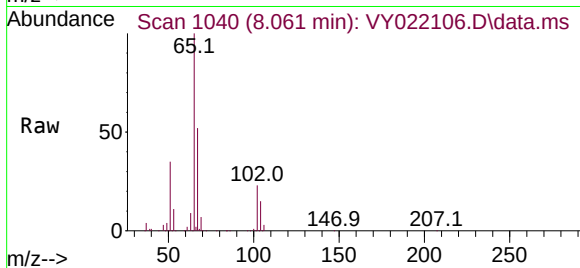
B-170-SB01

Tgt Ion: 65 Resp: 156205

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022106.D

Acq: 01 May 2025 14:38

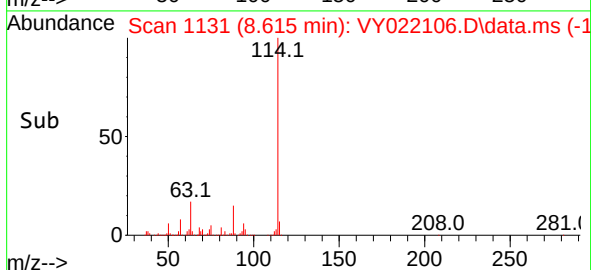
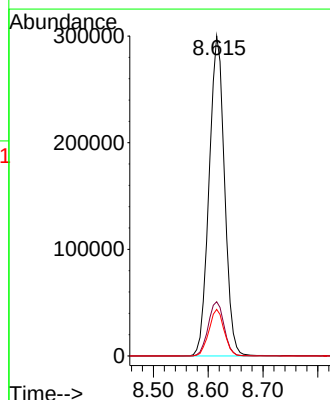
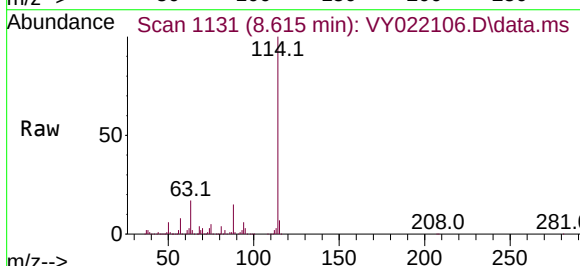
Tgt Ion: 114 Resp: 584162

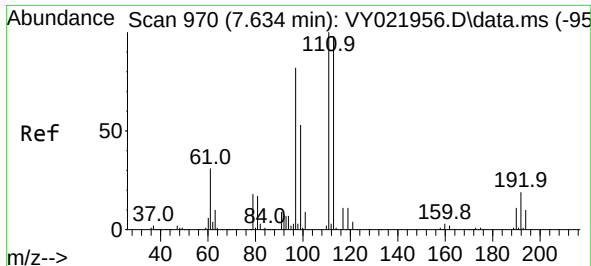
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.4

88 14.6 0.0 28.2

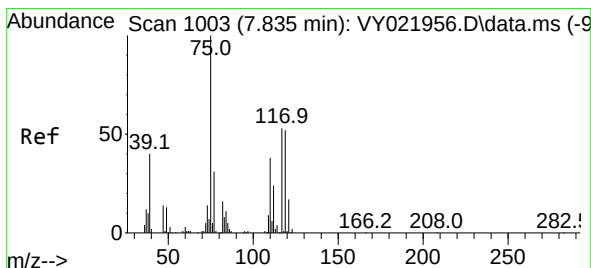
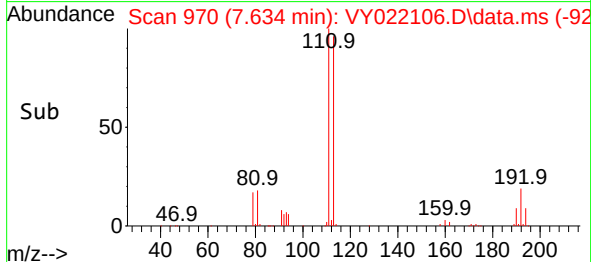
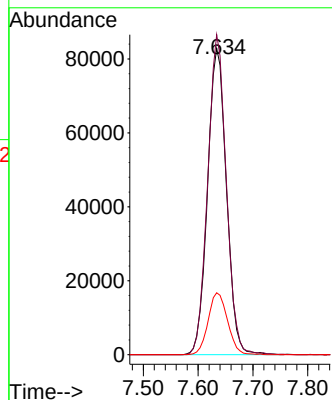
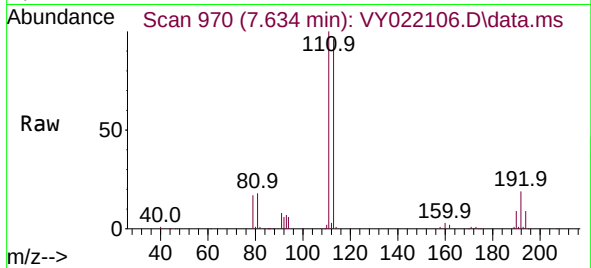




#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

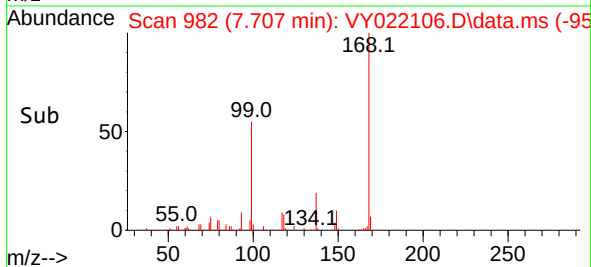
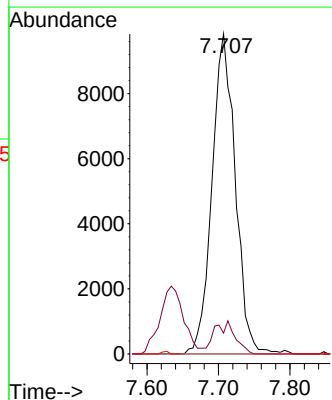
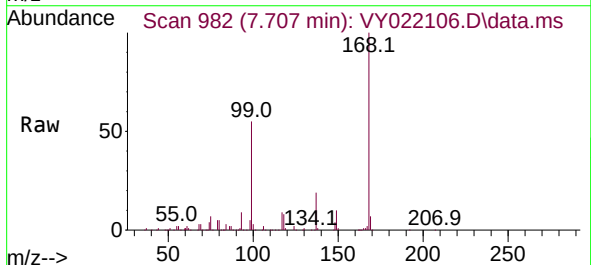
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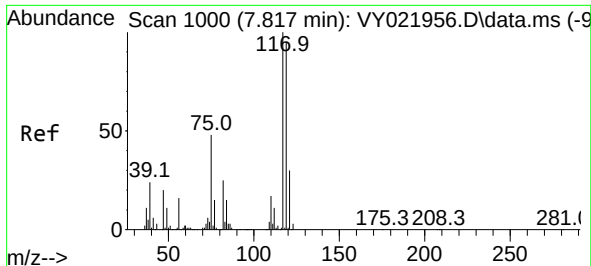
Tgt Ion:113 Resp: 198196
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 20.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.290 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion: 75 Resp: 22239
Ion Ratio Lower Upper
75 100
110 3.4 19.1 57.3#
77 0.0 25.5 38.3#

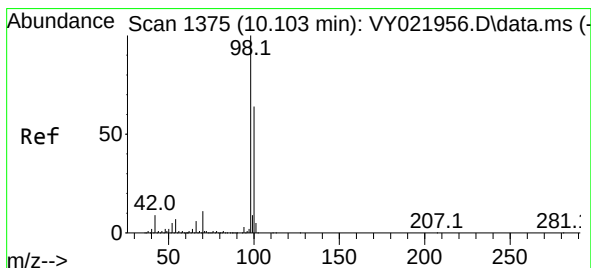
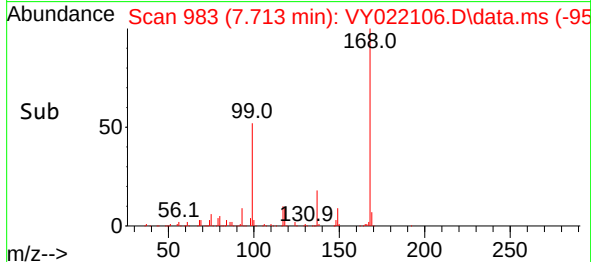
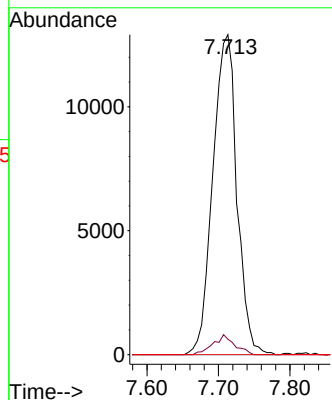
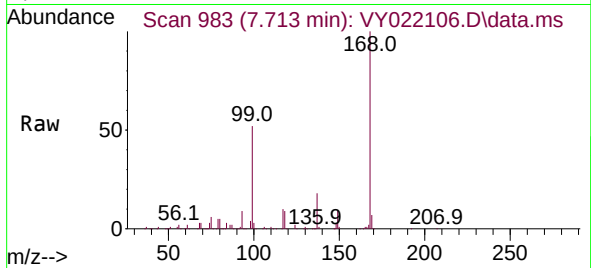




#38
Carbon Tetrachloride
Concen: 4.877 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

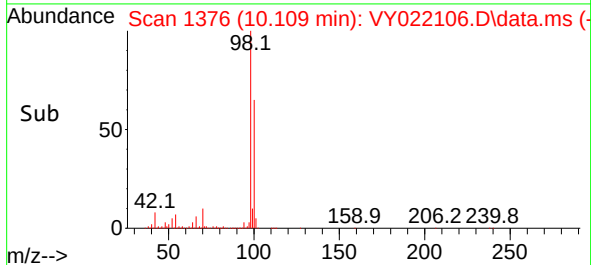
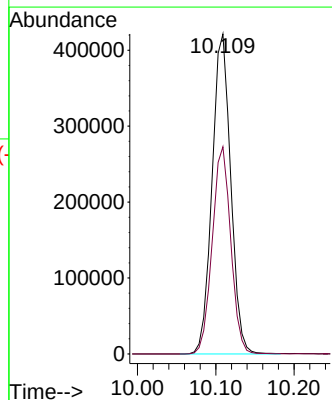
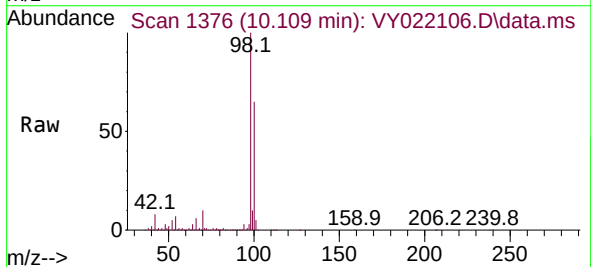
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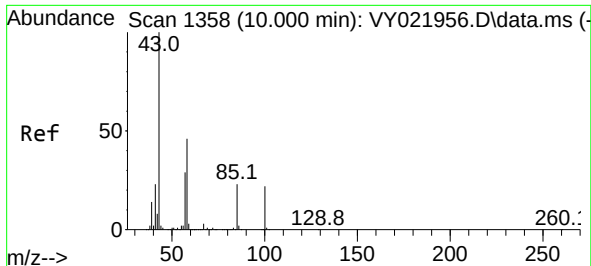
Tgt Ion:117 Resp: 30211
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.905 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion: 98 Resp: 696993
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

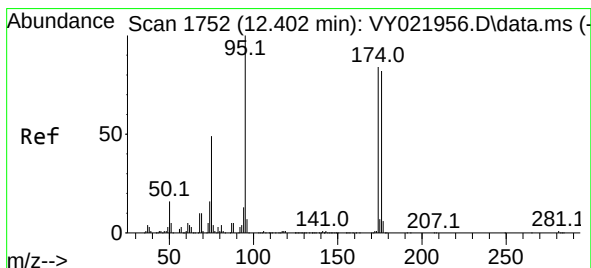
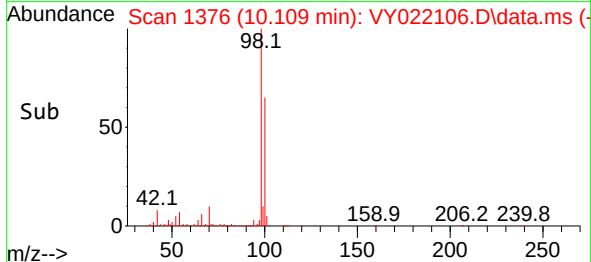
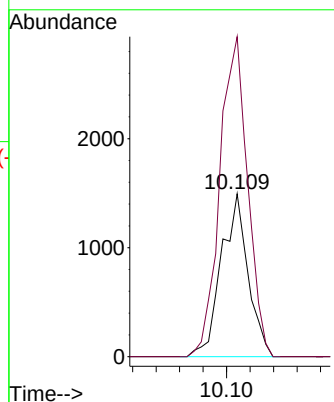
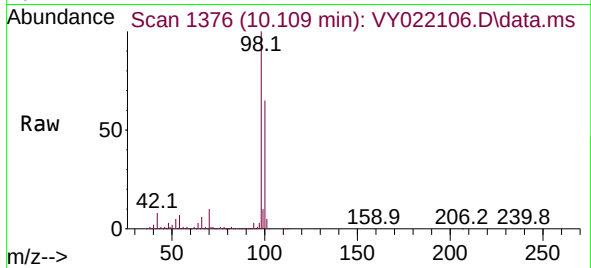




#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.109 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

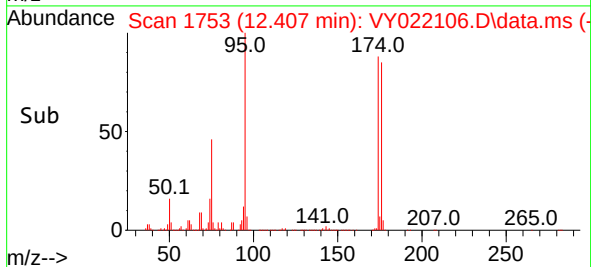
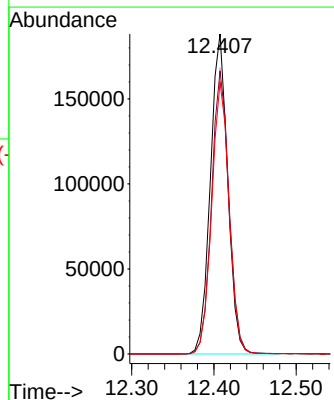
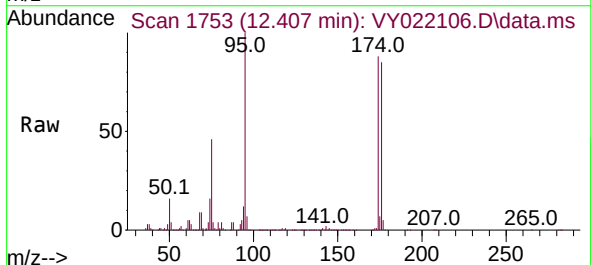
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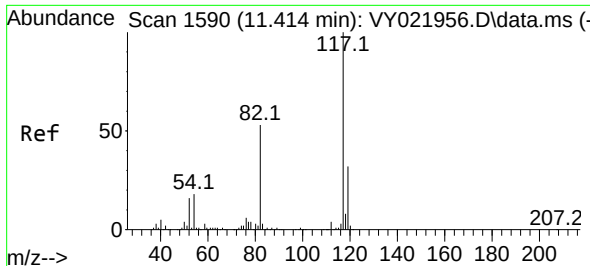
Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
58 204.6 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 56.448 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion: 95 Resp: 276478
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.0
176 85.3 0.0 171.8

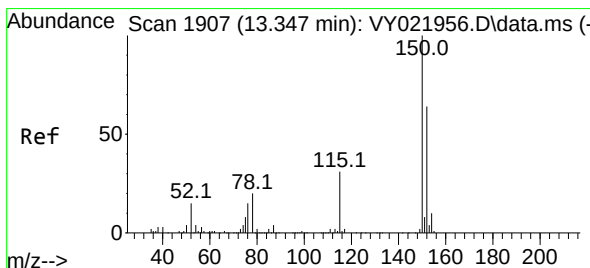
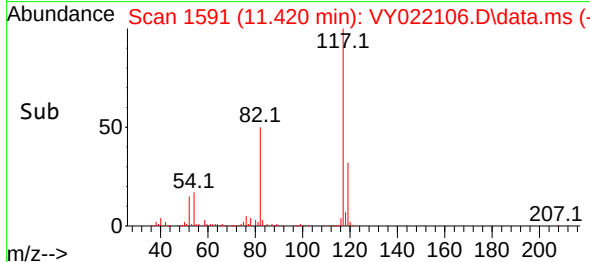
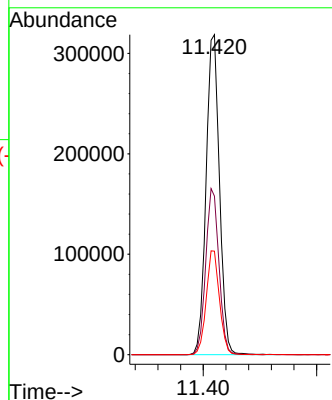
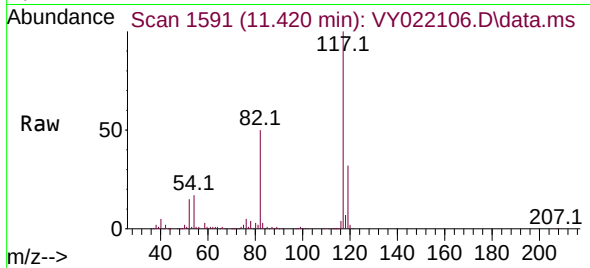




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

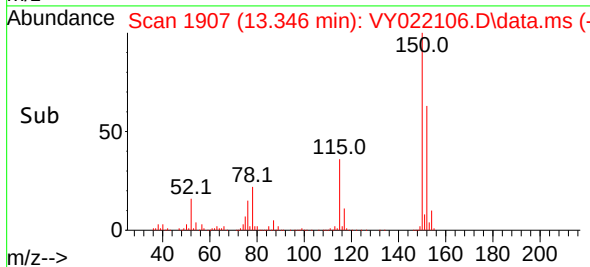
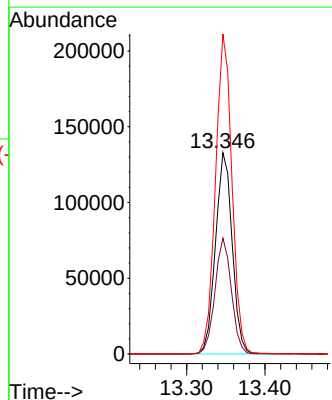
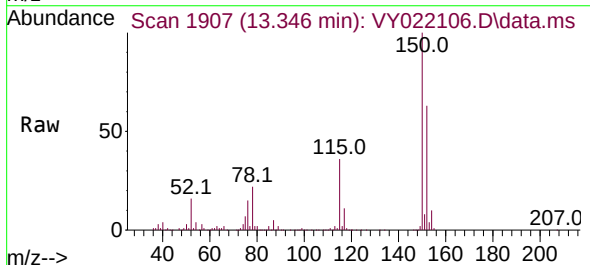
Instrument :
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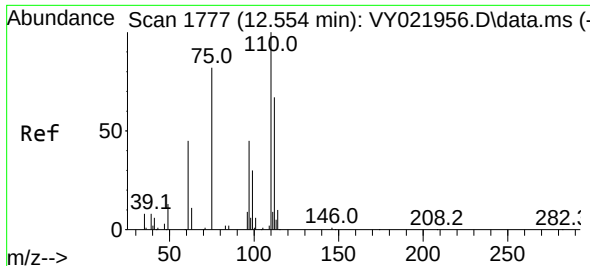
Tgt Ion:117 Resp: 521346
Ion Ratio Lower Upper
117 100
82 49.5 42.1 63.1
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion:152 Resp: 197125
Ion Ratio Lower Upper
152 100
115 56.6 28.0 84.0
150 156.6 0.0 345.6

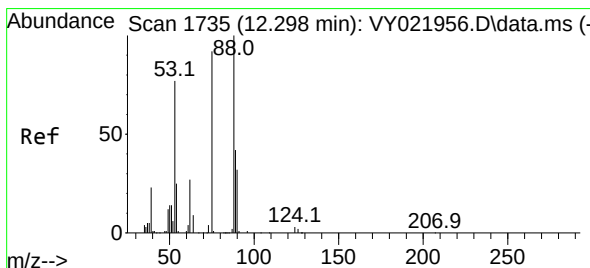
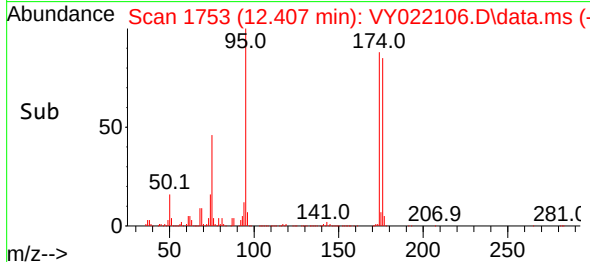
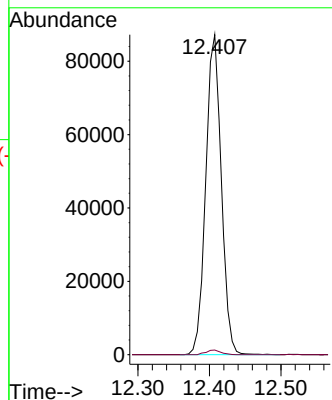
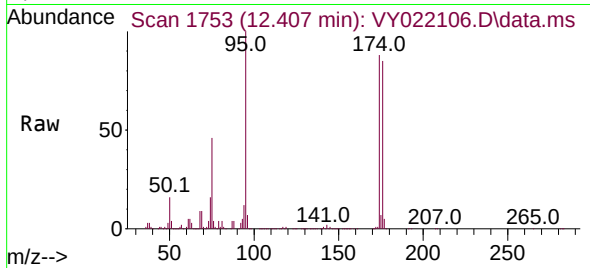




#76
1,2,3-Trichloropropane
Concen: 77.913 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :
B-170-SB01

Tgt Ion: 75 Resp: 131554
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 187.626 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.109 min
Lab File: VY022106.D
Acq: 01 May 2025 14:38

Tgt Ion: 75 Resp: 131554
Ion Ratio Lower Upper
75 100
53 0.1 66.0 99.0#
89 0.1 37.2 55.8#

