

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021382.D
 Acq On : 28 Feb 2025 15:55
 Operator : SY/MD
 Sample : Q1448-01
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSP1RE

Quant Time: Feb 28 22:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

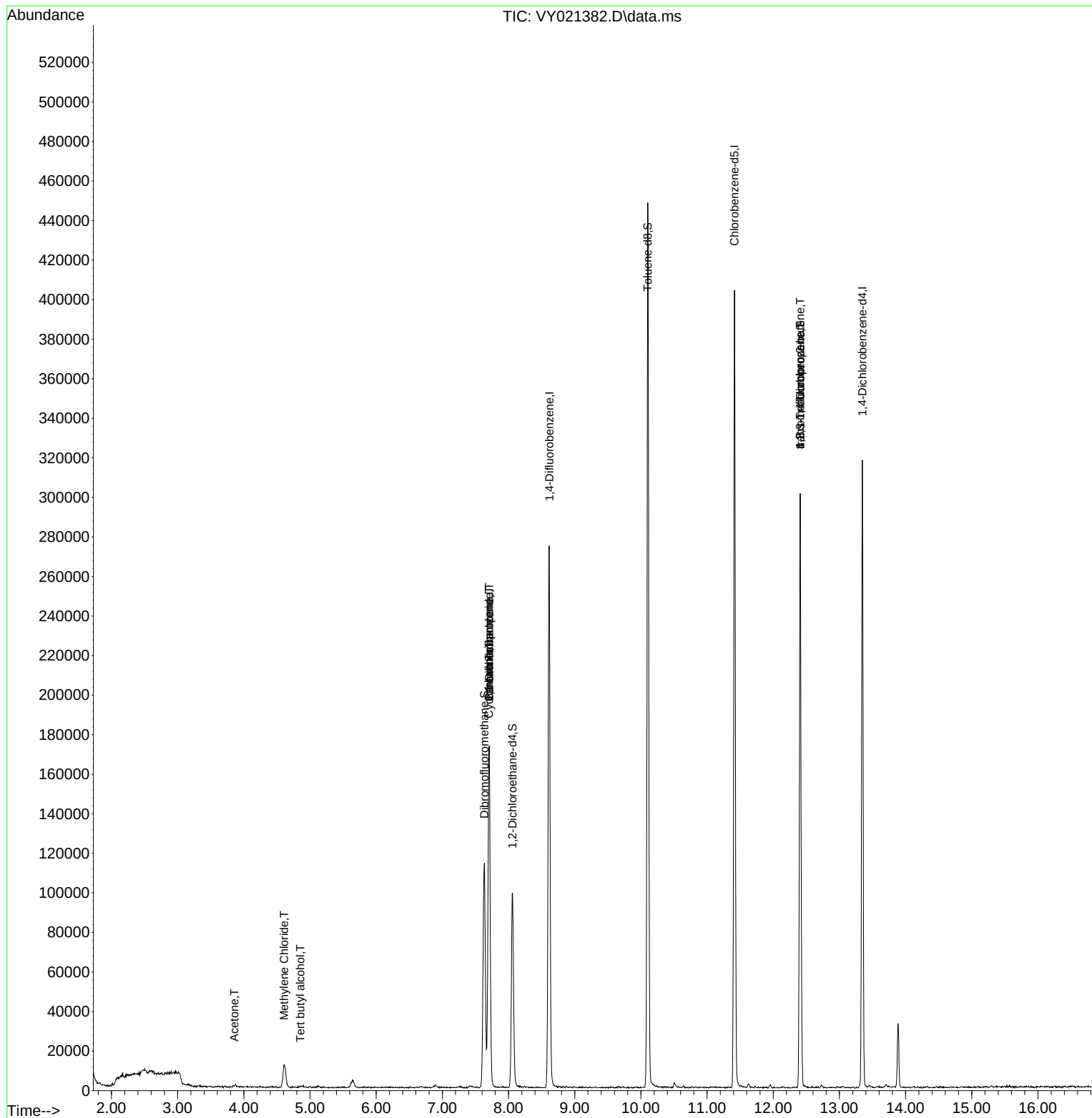
Internal Standards						
1) Pentafluorobenzene	7.707	168	129382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80135	54.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.634	113	81384	53.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.103	98	283384	48.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	12.408	95	82101	41.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	657	5.820	ug/l	95
16) Acetone	3.854	43	1472	5.228	ug/l #	79
20) Methylene Chloride	4.610	84	8042	5.282	ug/l	98
31) Cyclohexane	7.701	56	3324	1.285	ug/l #	19
36) 1,1-Dichloropropene	7.707	75	11136	4.913	ug/l #	51
38) Carbon Tetrachloride	7.707	117	13504	5.300	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	44227	57.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	44227	127.680	ug/l #	10

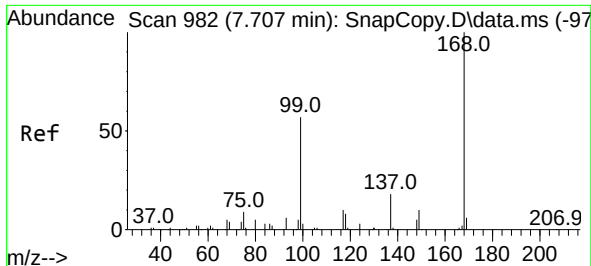
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

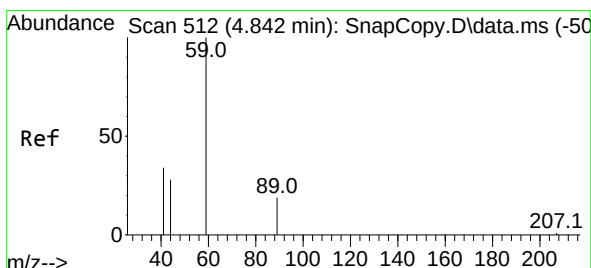
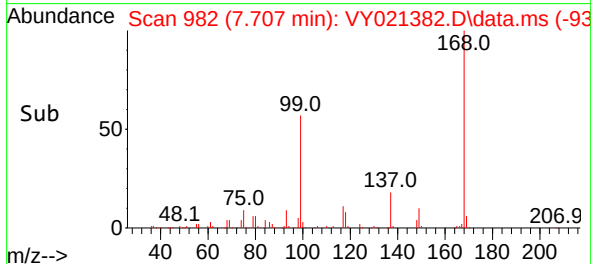
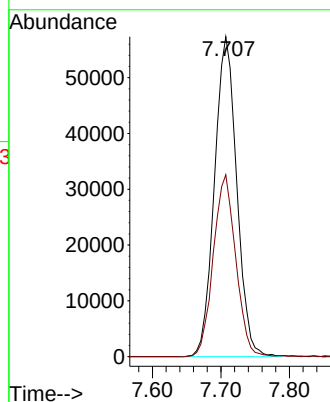
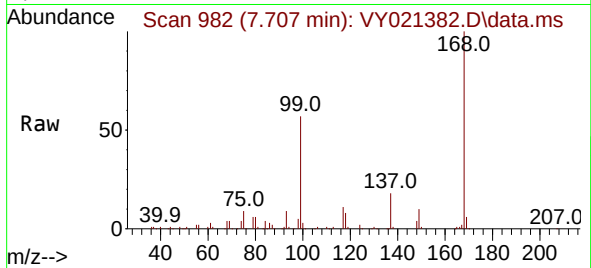




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

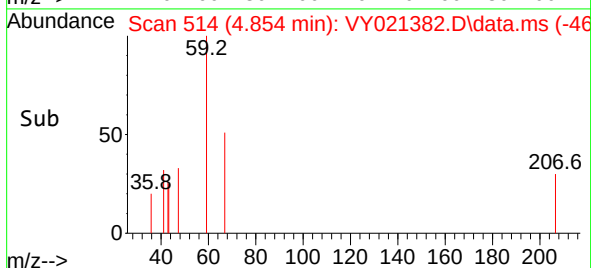
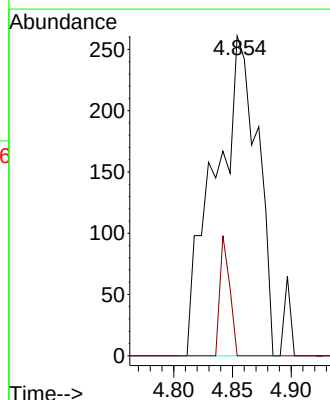
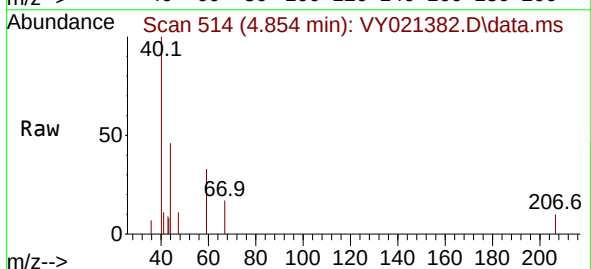
Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

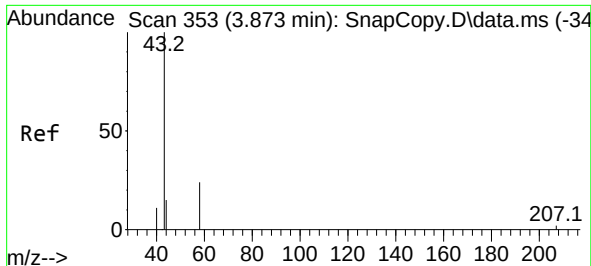
Tgt Ion:168 Resp: 129382
Ion Ratio Lower Upper
168 100
99 56.8 47.1 70.7



#11
Tert butyl alcohol
Concen: 5.820 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 59 Resp: 657
Ion Ratio Lower Upper
59 100
57 8.5 8.3 12.5

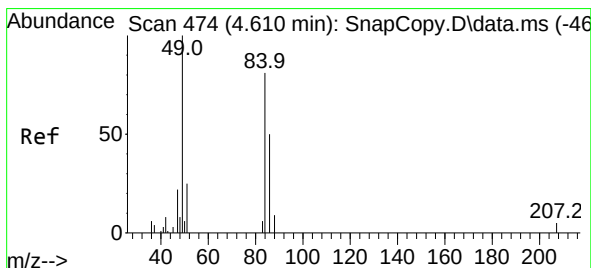
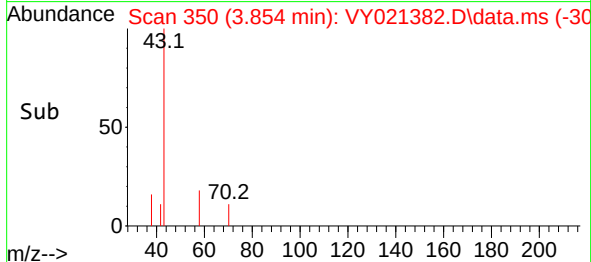
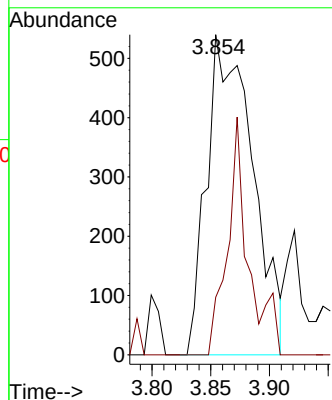
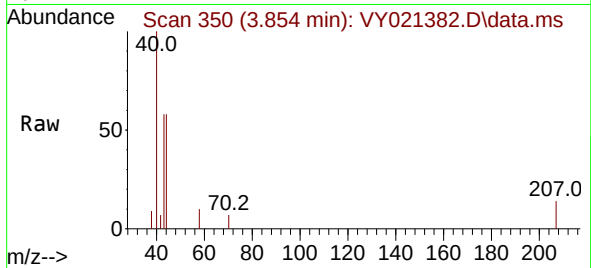




#16
Acetone
Concen: 5.228 ug/l
RT: 3.854 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

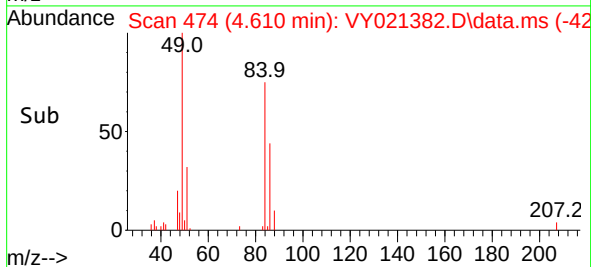
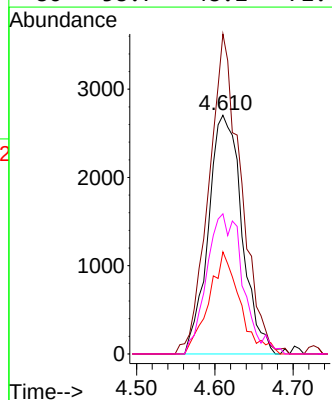
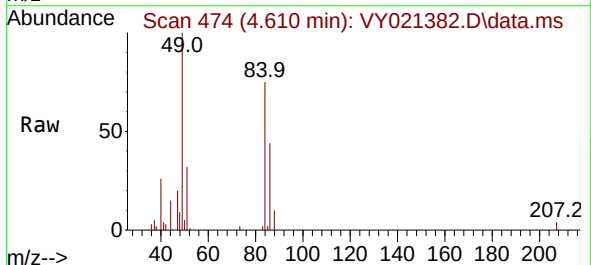
Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

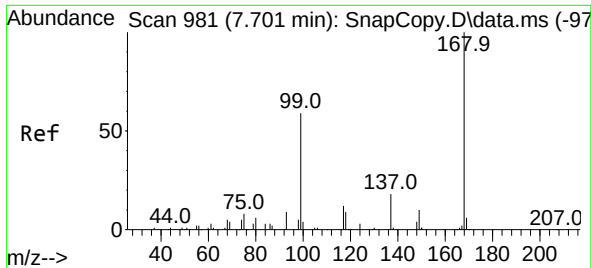
Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 18.0 23.5 35.3#



#20
Methylene Chloride
Concen: 5.282 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 84 Resp: 8042
Ion Ratio Lower Upper
84 100
49 132.0 105.1 157.7
51 42.7 31.0 46.4
86 58.7 48.2 72.4

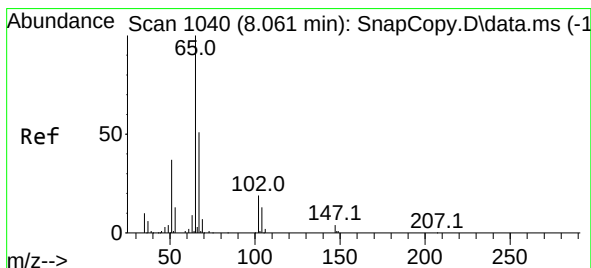
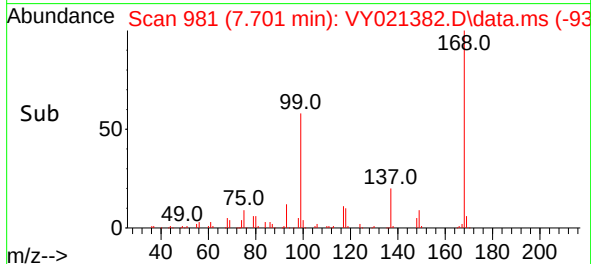
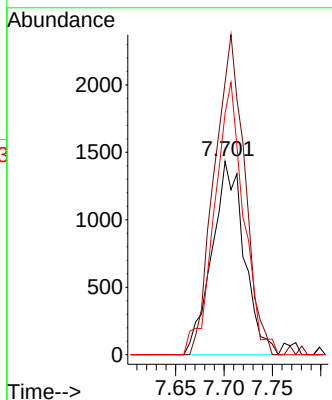
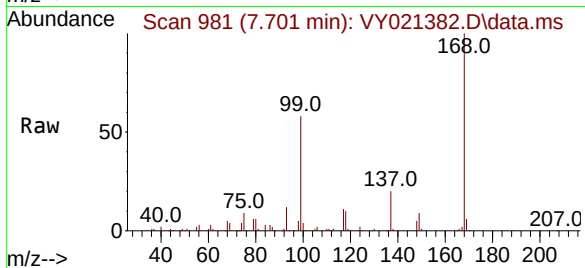




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

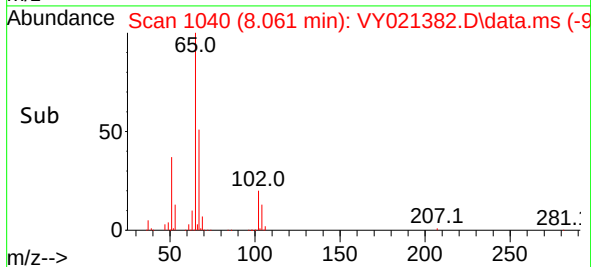
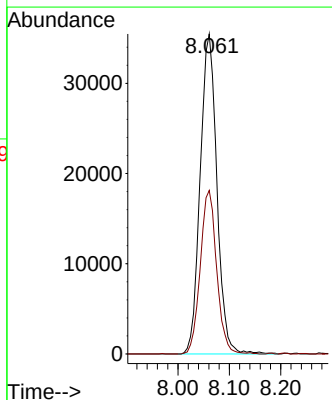
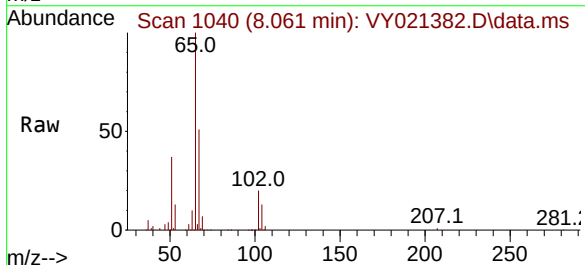
Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

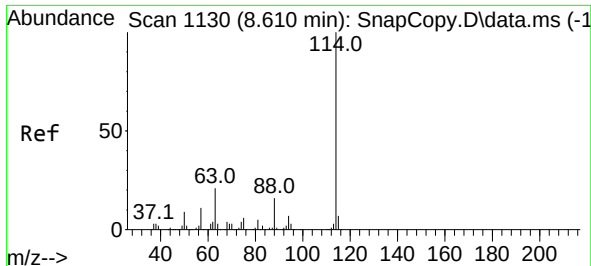
Tgt Ion: 56 Resp: 3324
Ion Ratio Lower Upper
56 100
69 140.9 26.2 39.4#
84 124.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.598 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 65 Resp: 80135
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

Instrument :

MSVOA_Y

ClientSampleId :

PSP1RE

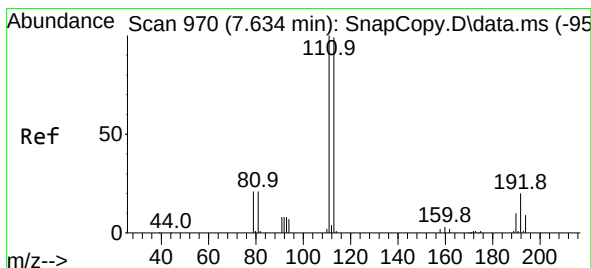
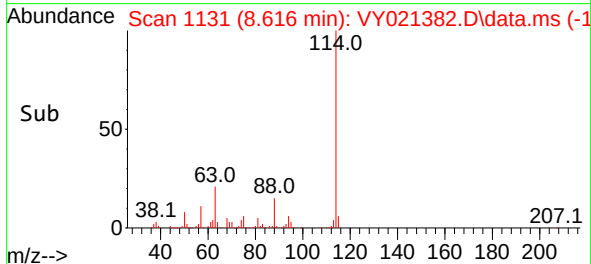
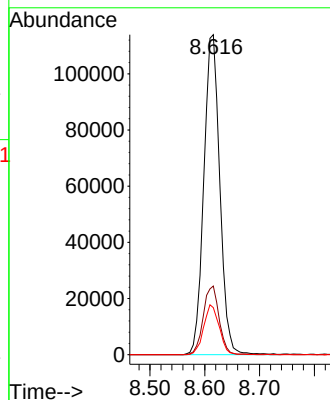
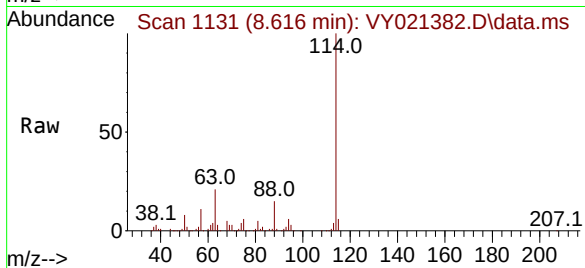
Tgt Ion:114 Resp: 230156

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 53.935 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

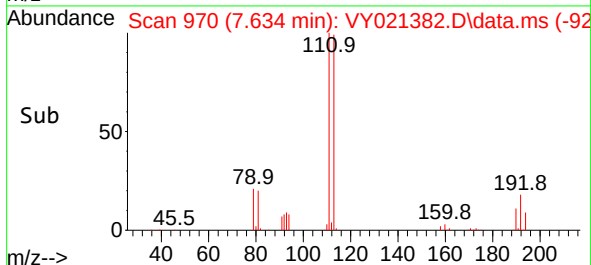
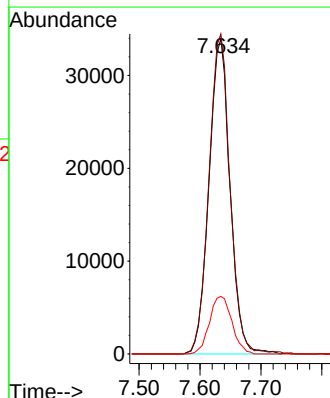
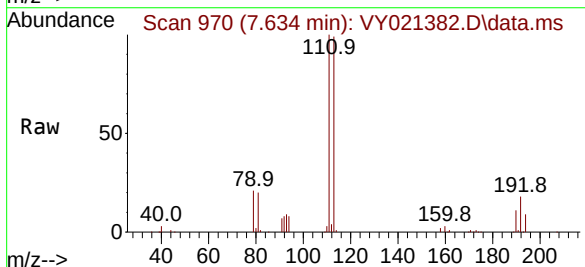
Tgt Ion:113 Resp: 81384

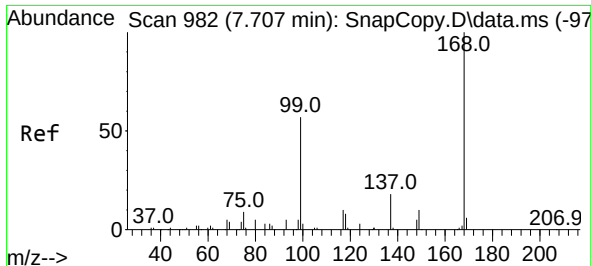
Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.6

192 19.5 15.8 23.8

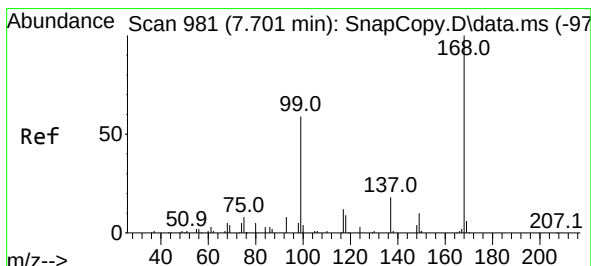
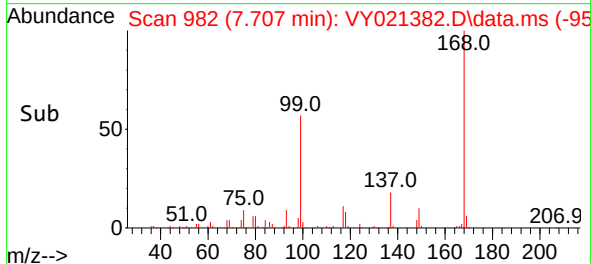
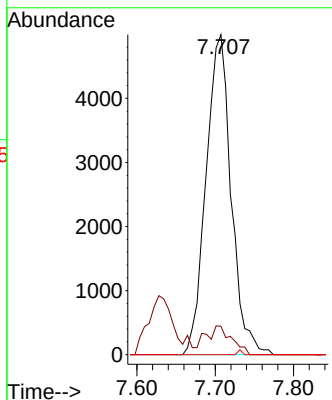
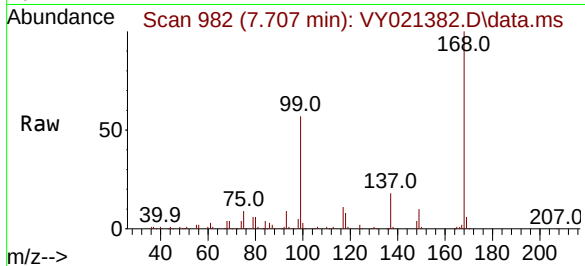




#36
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY021382.D
 Acq: 28 Feb 2025 15:55

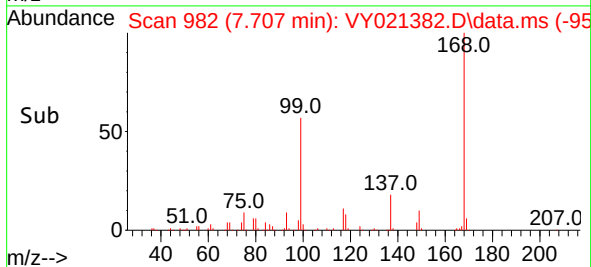
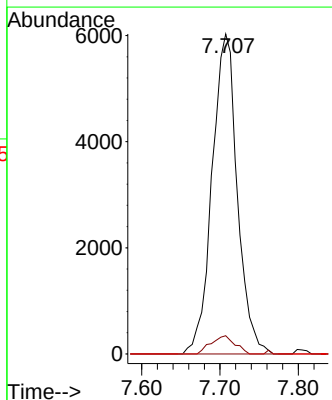
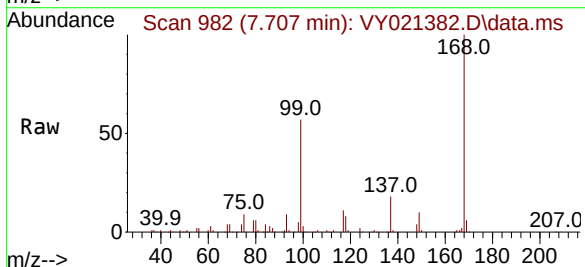
Instrument :
 MSVOA_Y
 ClientSampleId :
 PSP1RE

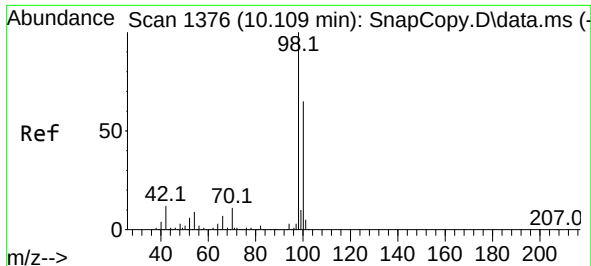
Tgt Ion: 75 Resp: 11136
 Ion Ratio Lower Upper
 75 100
 110 9.1 16.9 50.7#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.300 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021382.D
 Acq: 28 Feb 2025 15:55

Tgt Ion: 117 Resp: 13504
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.0 114.0#
 121 0.0 24.9 37.3#

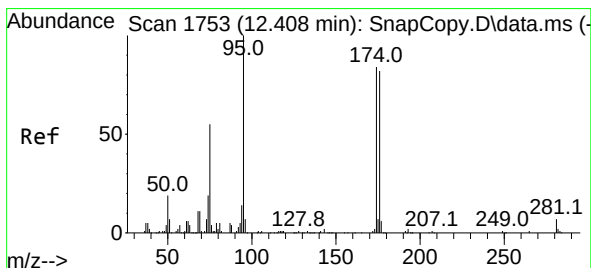
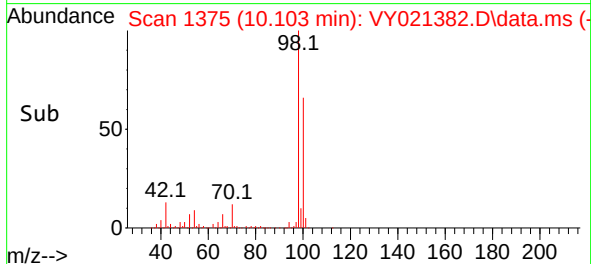
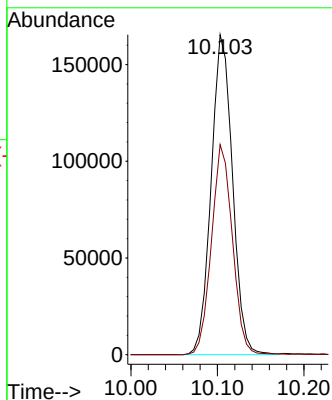
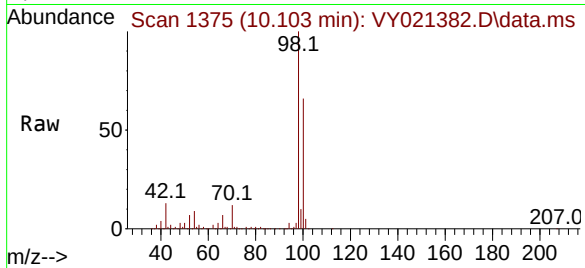




#50
Toluene-d8
Concen: 48.595 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

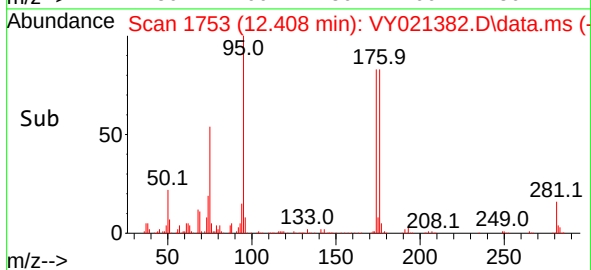
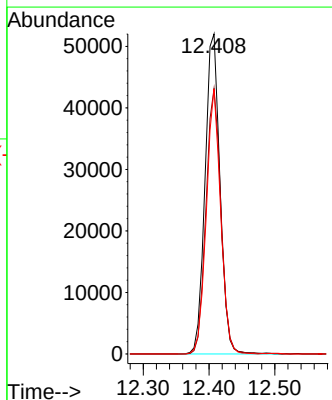
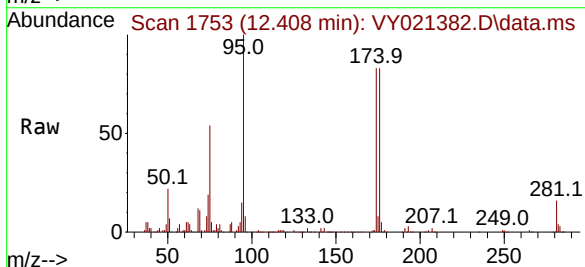
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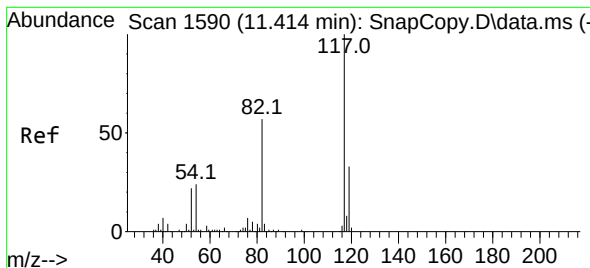
Tgt Ion: 98 Resp: 283384
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 95 Resp: 82101
Ion Ratio Lower Upper
95 100
174 83.4 0.0 168.0
176 79.3 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

Instrument :

MSVOA_Y

ClientSampleId :

PSP1RE

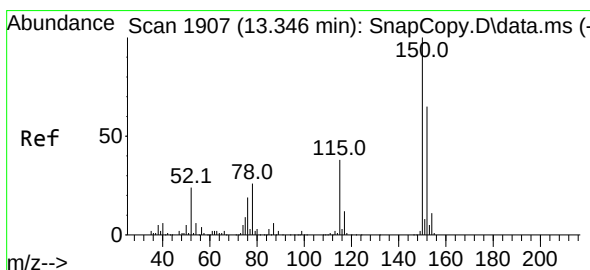
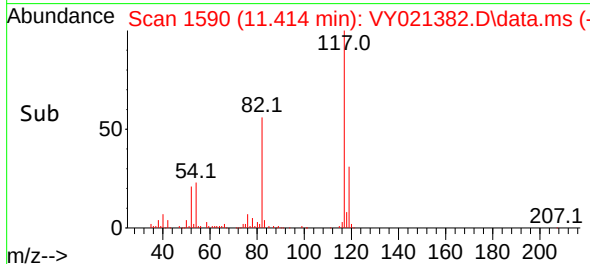
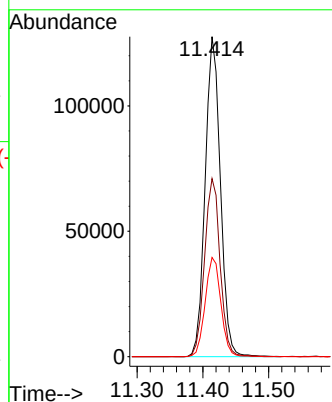
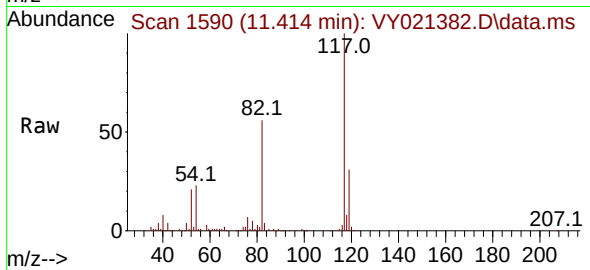
Tgt Ion:117 Resp: 205658

Ion Ratio Lower Upper

117 100

82 55.7 46.2 69.4

119 31.0 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

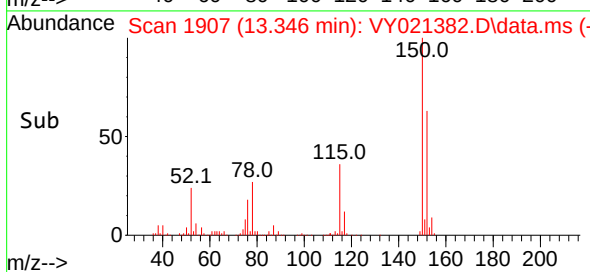
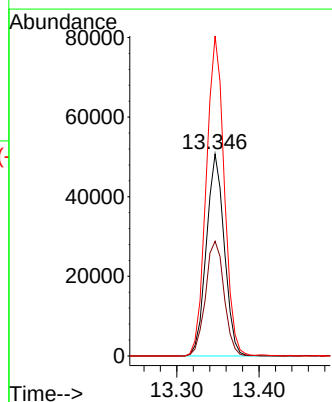
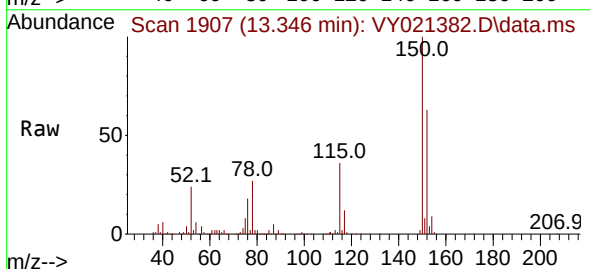
Tgt Ion:152 Resp: 76917

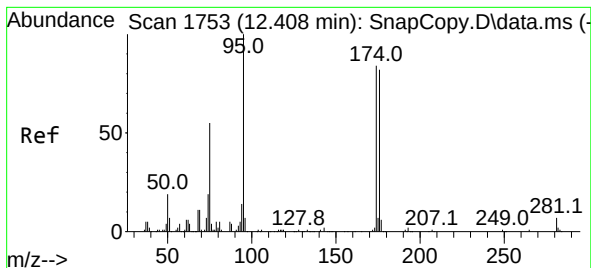
Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

150 158.5 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 57.445 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

Instrument :

MSVOA_Y

ClientSampleId :

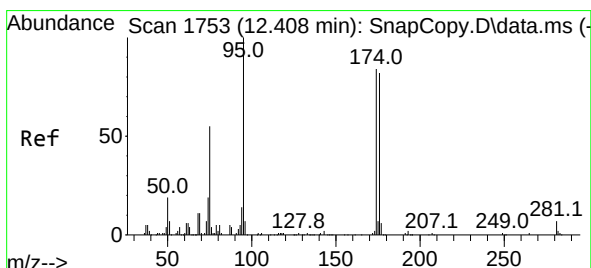
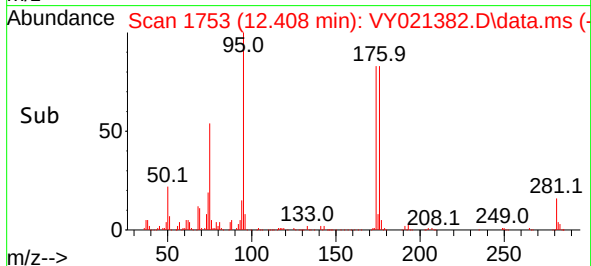
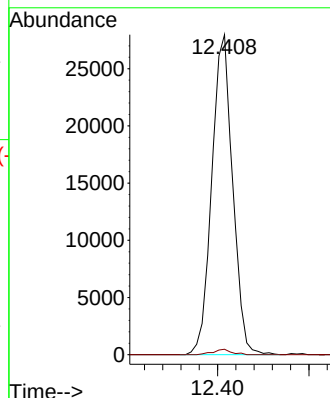
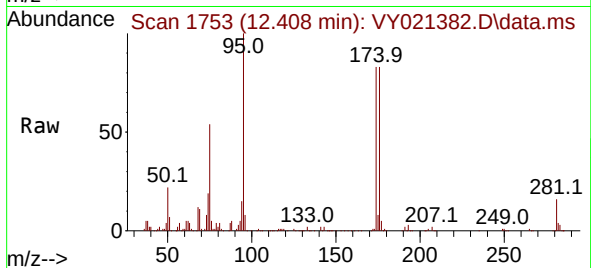
PSP1RE

Tgt Ion: 75 Resp: 44227

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.680 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY021382.D

Acq: 28 Feb 2025 15:55

Tgt Ion: 75 Resp: 44227

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

89 0.2 35.6 53.4#

