

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020782.D
 Acq On : 06 Jan 2025 14:15
 Operator : SY/MD
 Sample : VY0106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 02:01:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

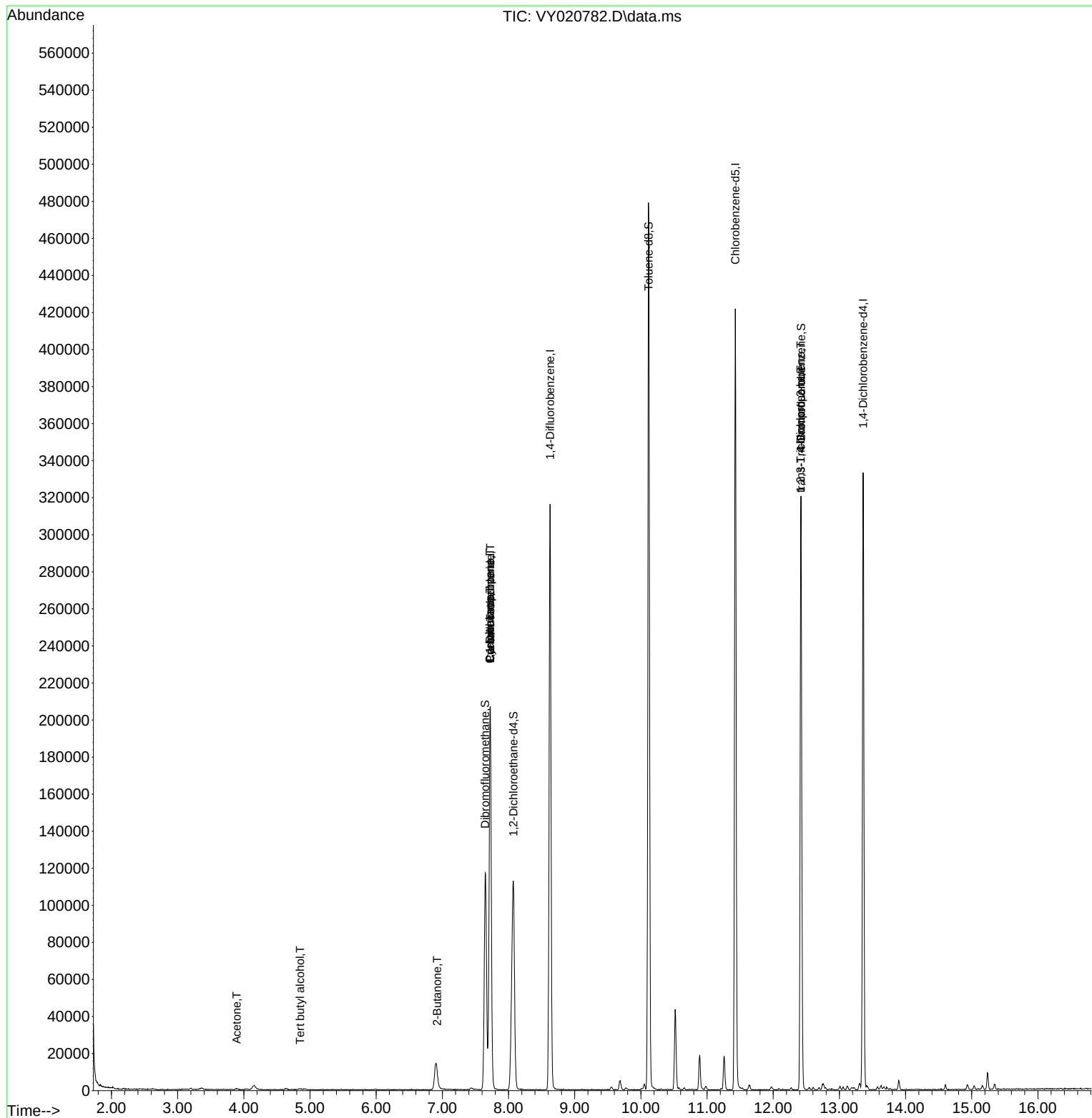
Internal Standards						
1) Pentafluorobenzene	7.725	168	167802	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	281350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	234489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	89278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	74285	52.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.160%	
35) Dibromofluoromethane	7.646	113	85452	48.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.960%	
50) Toluene-d8	10.115	98	325656	52.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.420	95	94593	41.688	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	490	4.547	ug/l #	73
16) Acetone	3.891	43	943	4.650	ug/l	95
25) 2-Butanone	6.921	43	863	2.590	ug/l #	45
31) Cyclohexane	7.719	56	2788	1.343	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	11925	5.304	ug/l #	49
38) Carbon Tetrachloride	7.725	117	16229	5.186	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	48808	62.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	48808	131.744	ug/l #	14

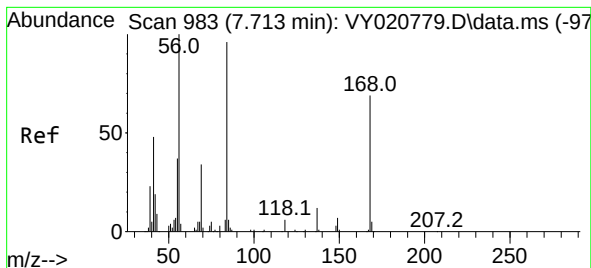
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
Data File : VY020782.D
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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Jan 07 02:01:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.725 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Instrument :

MSVOA_Y

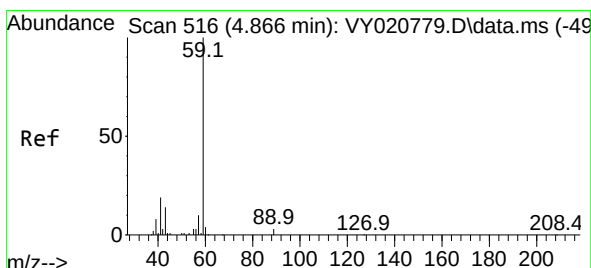
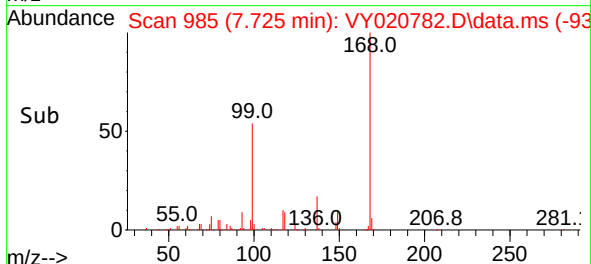
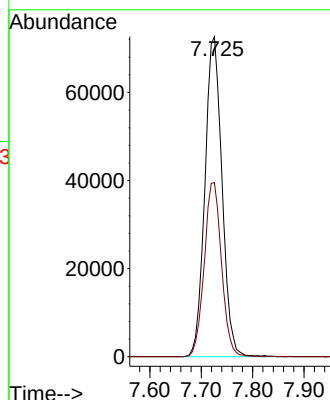
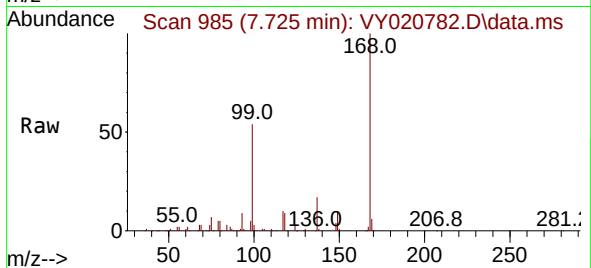
ClientSampleId :

Tgt Ion:168 Resp: 167802

Ion Ratio Lower Upper

168 100

99 54.4 44.3 66.5



#11

Tert butyl alcohol

Concen: 4.547 ug/l

RT: 4.848 min Scan# 513

Delta R.T. -0.024 min

Lab File: VY020782.D

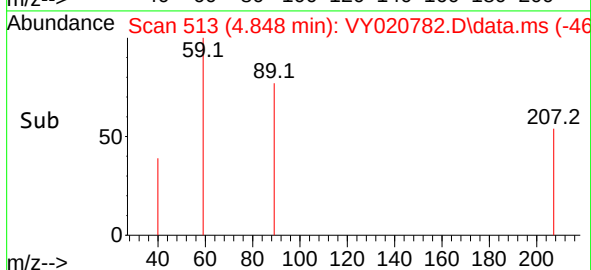
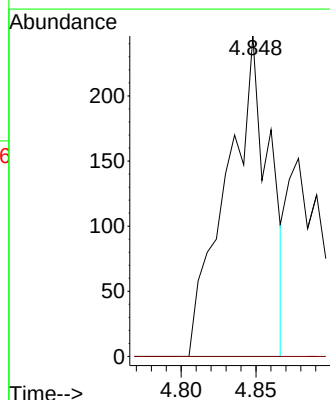
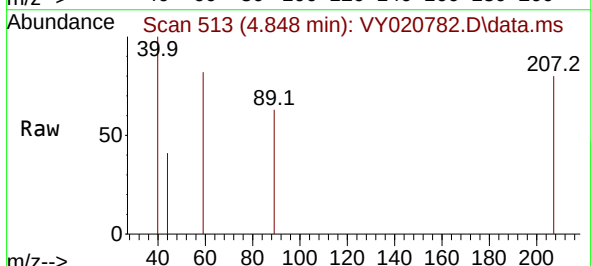
Acq: 06 Jan 2025 14:15

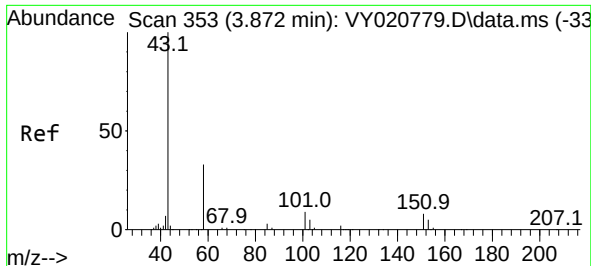
Tgt Ion: 59 Resp: 490

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

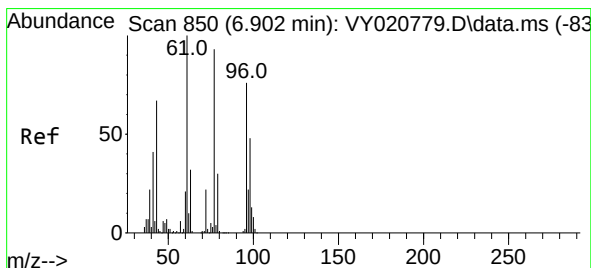
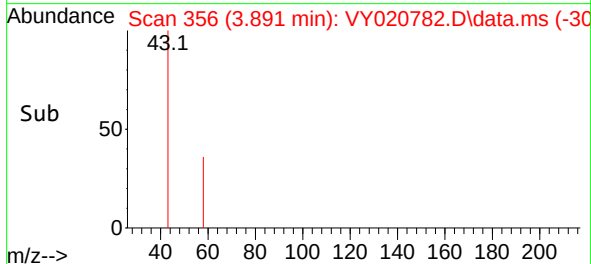
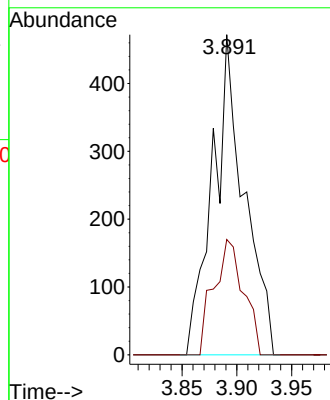
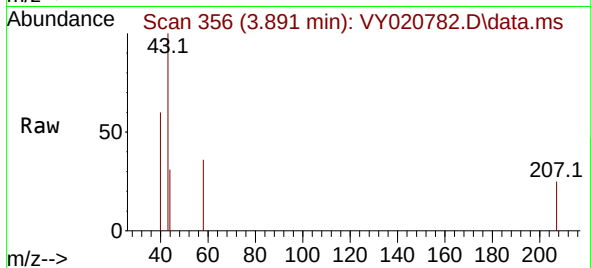




#16
Acetone
Concen: 4.650 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

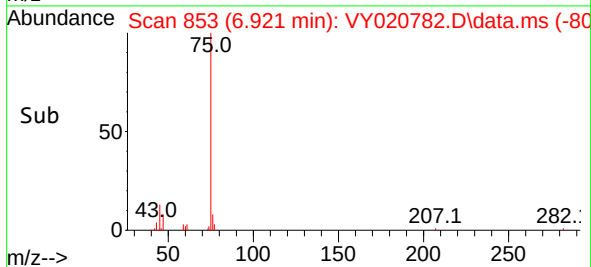
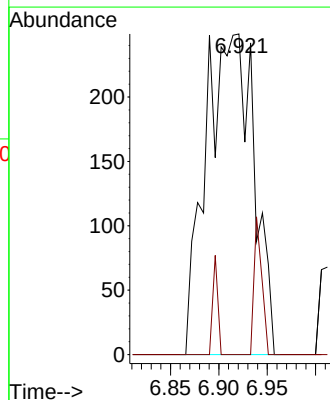
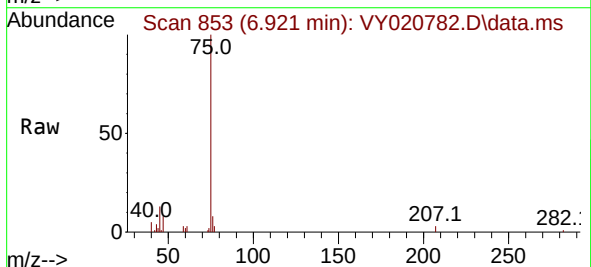
Instrument :
MSVOA_Y
ClientSampleId :

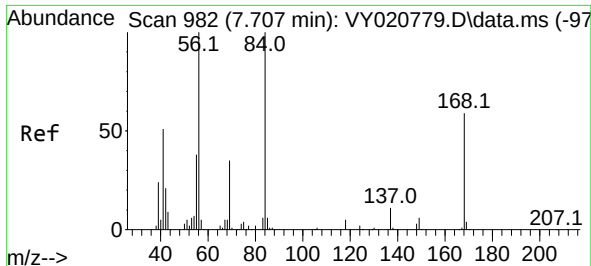
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 36.0 26.7 40.1



#25
2-Butanone
Concen: 2.590 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.018 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

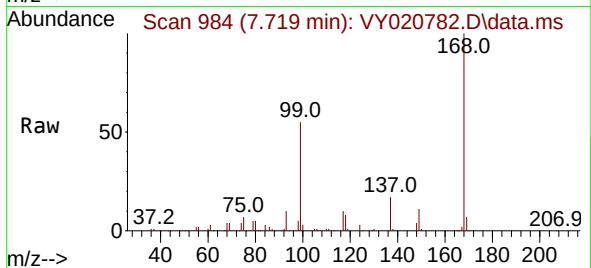
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



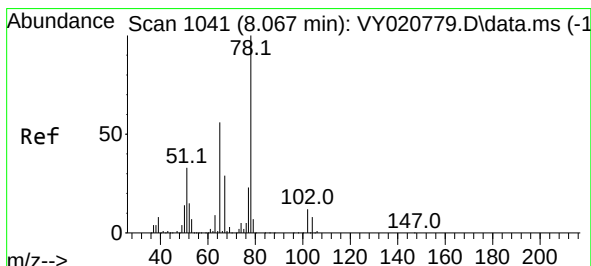
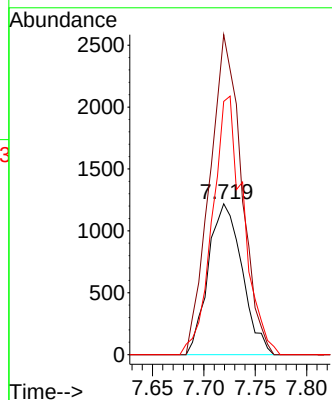
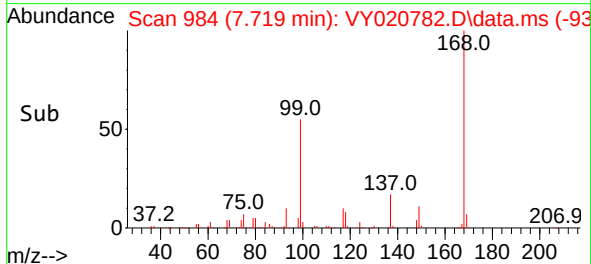


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Instrument :
MSVOA_Y
ClientSampleId :

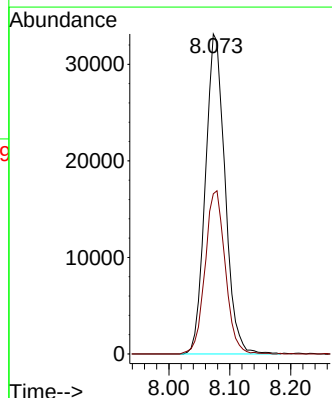
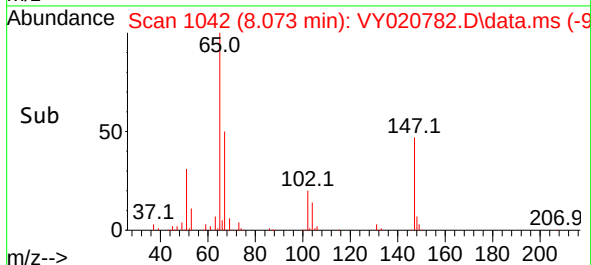
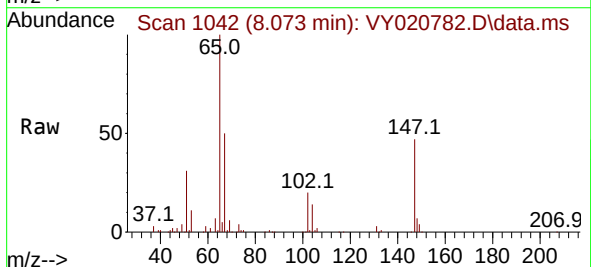


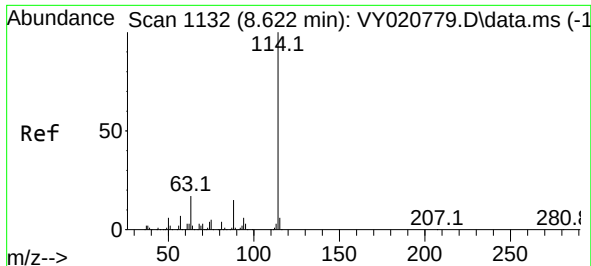
Tgt Ion: 56 Resp: 2788
Ion Ratio Lower Upper
56 100
69 212.2 30.5 45.7#
84 168.0 76.6 115.0#



#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Tgt Ion: 65 Resp: 74285
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :

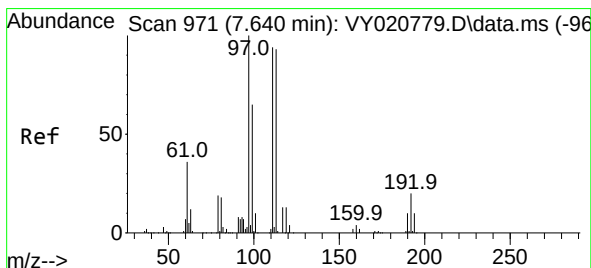
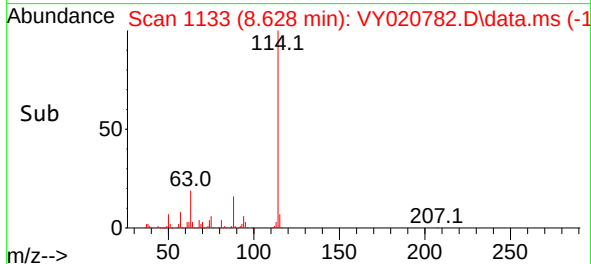
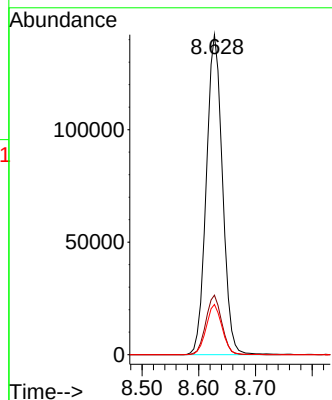
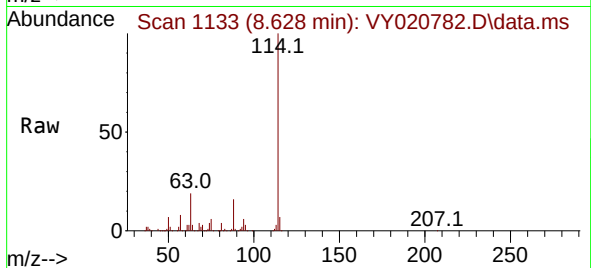
Tgt Ion:114 Resp: 281350

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 48.480 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

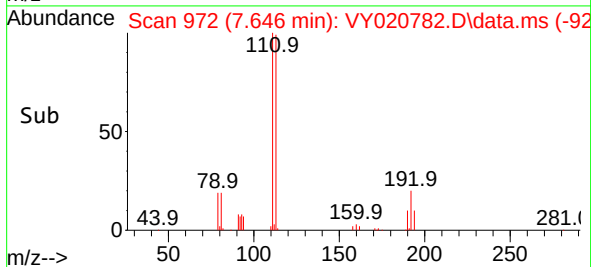
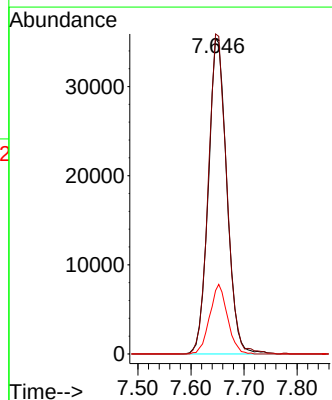
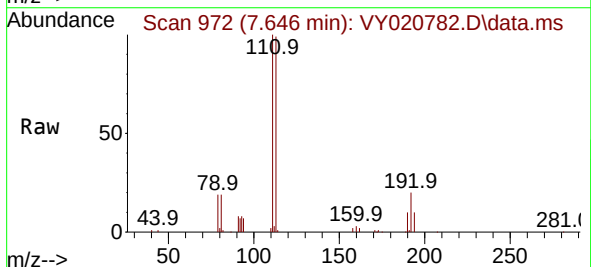
Tgt Ion:113 Resp: 85452

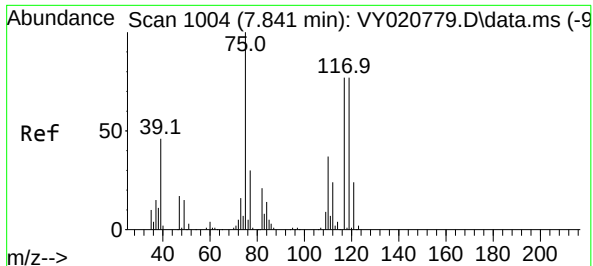
Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

192 21.2 16.7 25.1

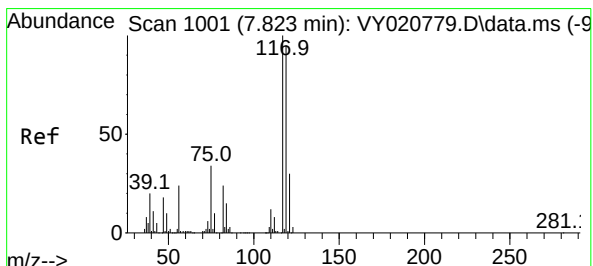
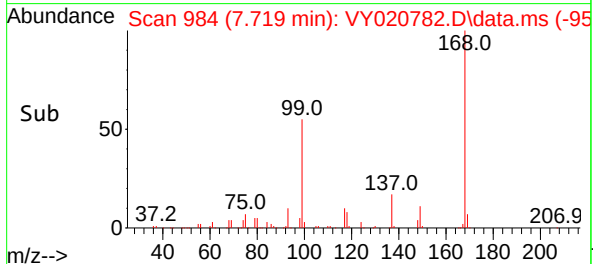
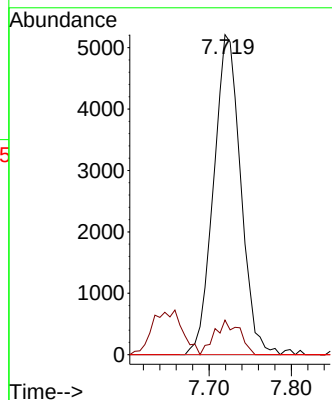
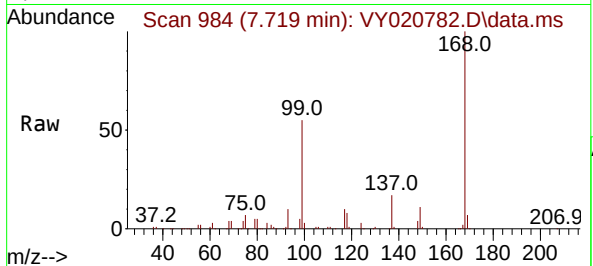




#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

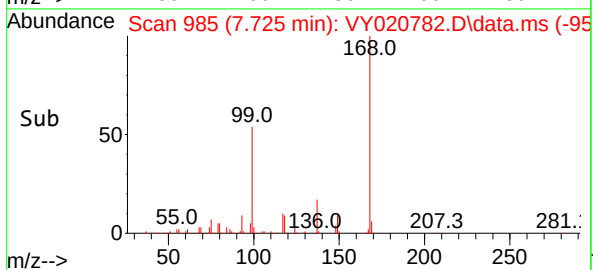
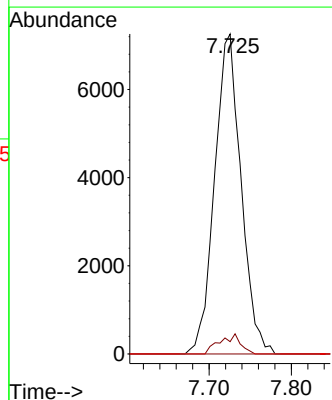
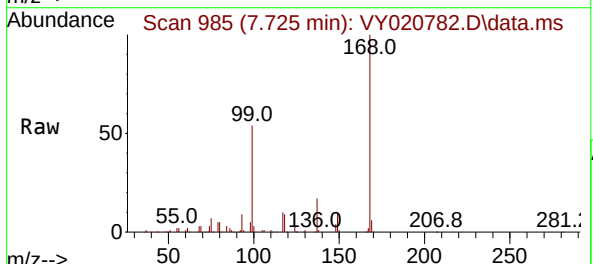
Instrument :
MSVOA_Y
ClientSampleId :

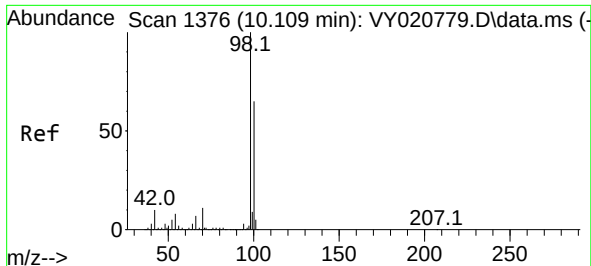
Tgt Ion: 75 Resp: 11925
Ion Ratio Lower Upper
75 100
110 9.9 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.186 ug/l
RT: 7.725 min Scan# 985
Delta R.T. -0.098 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Tgt Ion: 117 Resp: 16229
Ion Ratio Lower Upper
117 100
119 3.9 76.5 114.7#
121 0.0 24.3 36.5#

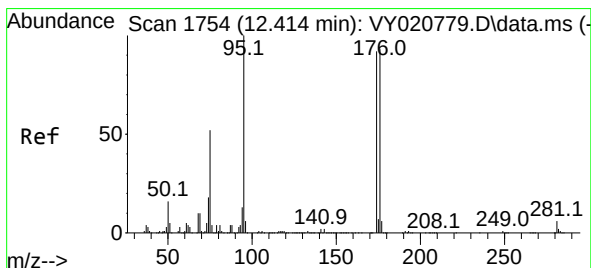
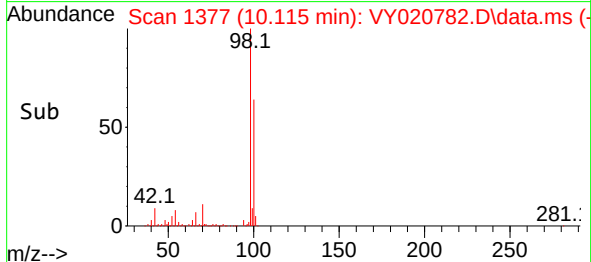
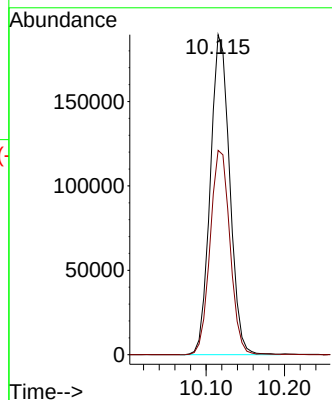
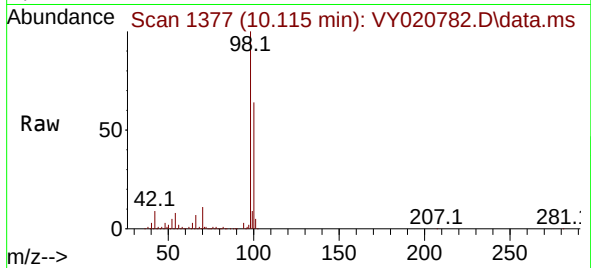




#50
Toluene-d8
Concen: 52.999 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

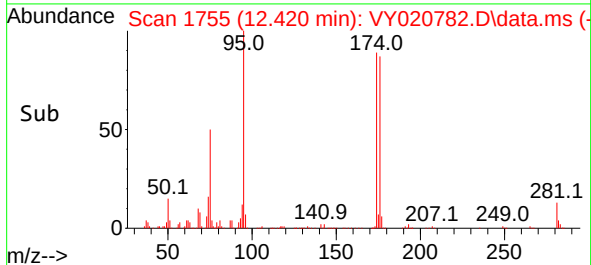
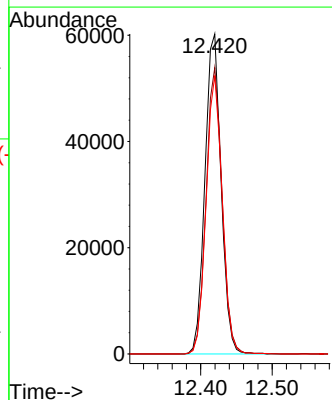
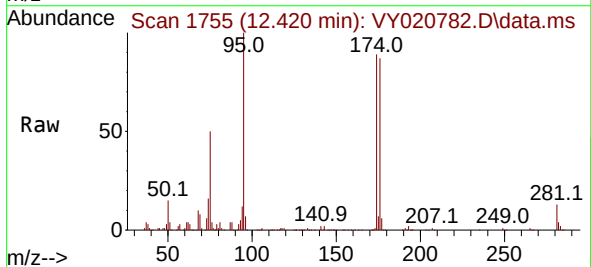
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MSVOA_Y
ClientSampleId :

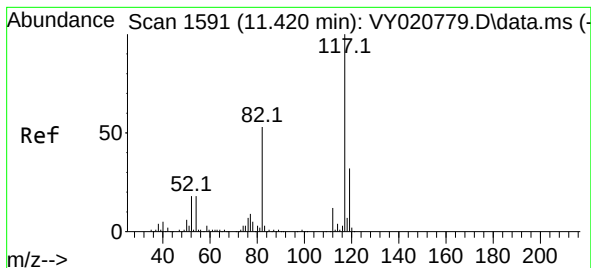
Tgt Ion: 98 Resp: 325656
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.688 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Tgt Ion: 95 Resp: 94593
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.0
176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

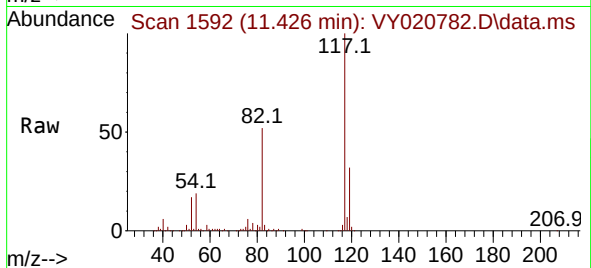
Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :



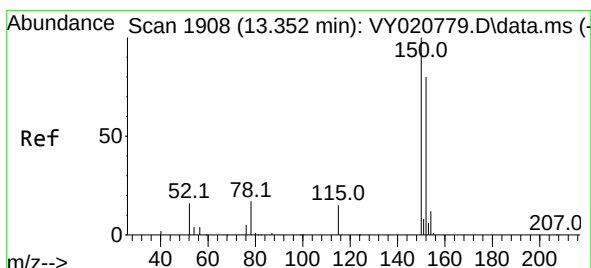
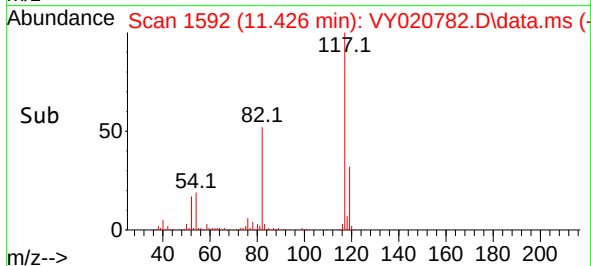
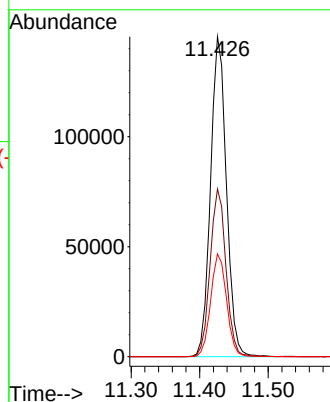
Tgt Ion:117 Resp: 234489

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

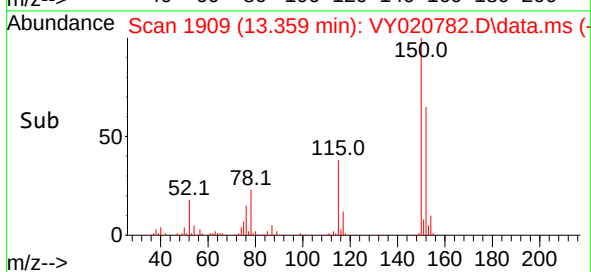
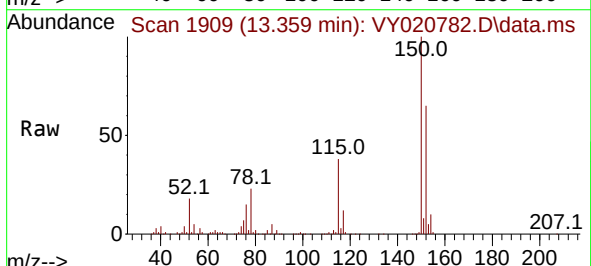
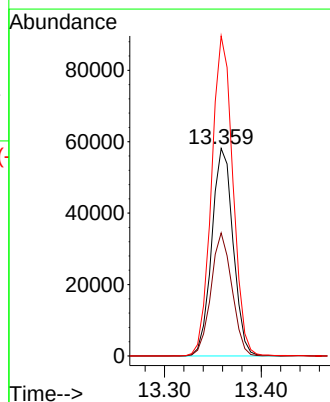
Tgt Ion:152 Resp: 89278

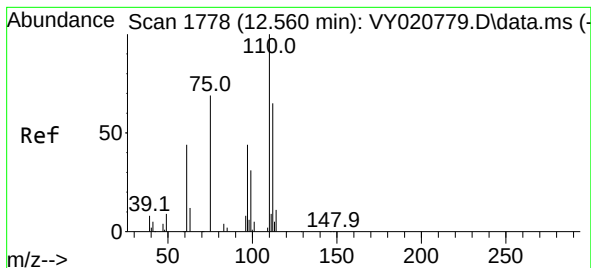
Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

150 154.2 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 62.481 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Instrument :

MSVOA_Y

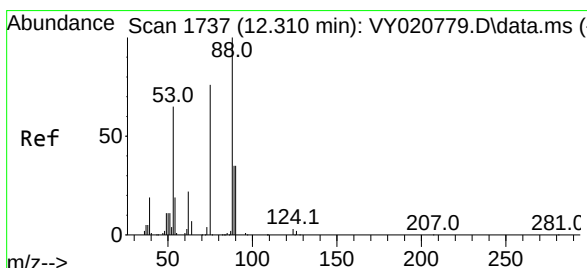
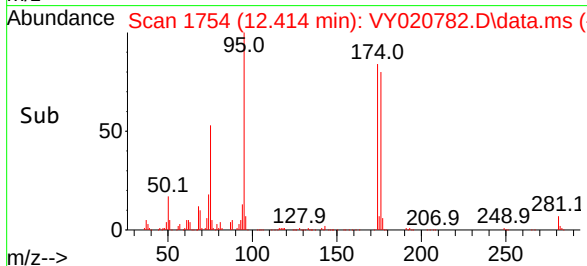
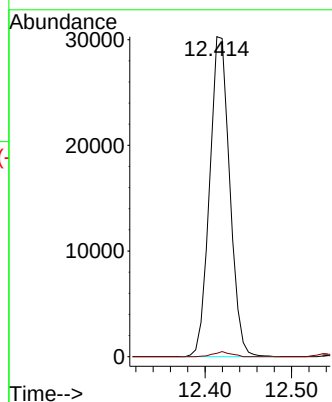
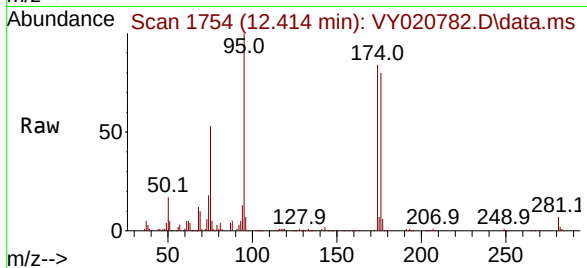
ClientSampleId :

Tgt Ion: 75 Resp: 48808

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.744 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.104 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Tgt Ion: 75 Resp: 48808

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.0#

89 0.1 39.6 59.4#

