

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021267.D
 Acq On : 20 Feb 2025 22:10
 Operator : SY/MD
 Sample : Q1382-17
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

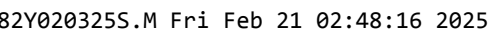
Quant Time: Feb 21 02:48:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

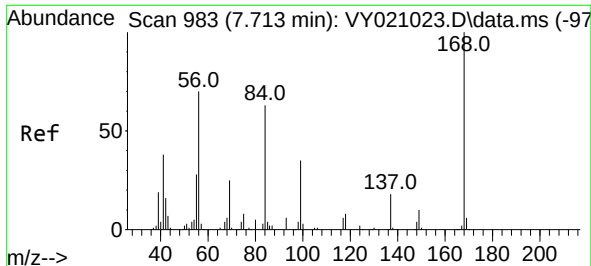
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.720	168	179849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	348924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	316031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	118848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105356	57.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.340%	
35) Dibromofluoromethane	7.646	113	112496	50.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.115	98	427049	50.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.414	95	129419	46.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.885	59	721	5.774	ug/l #	75
16) Acetone	3.891	43	20515	71.390	ug/l	100
18) Methyl Acetate	4.391	43	1206	1.196	ug/l #	85
31) Cyclohexane	7.720	56	4345	1.382	ug/l #	18
36) 1,1-Dichloropropene	7.720	75	14805	4.470	ug/l #	49
38) Carbon Tetrachloride	7.720	117	19050	4.922	ug/l #	16
51) 4-Methyl-2-Pentanone	10.115	43	2175	1.498	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	72852	67.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	72852	137.884	ug/l #	12

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

Quant Time: Feb 21 02:48:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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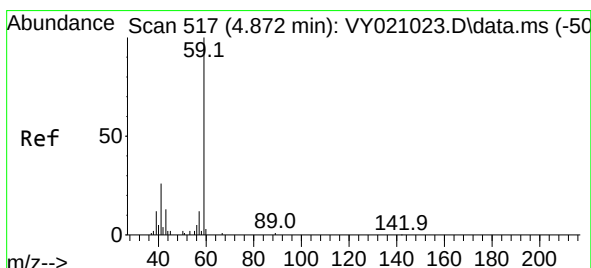
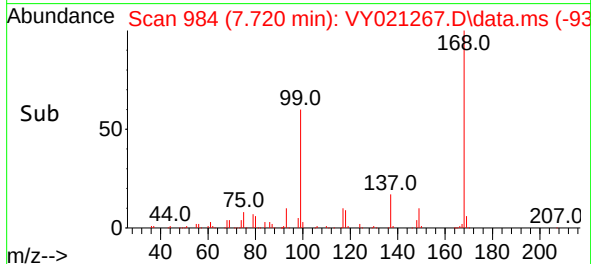
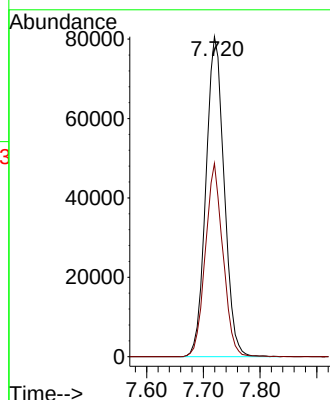
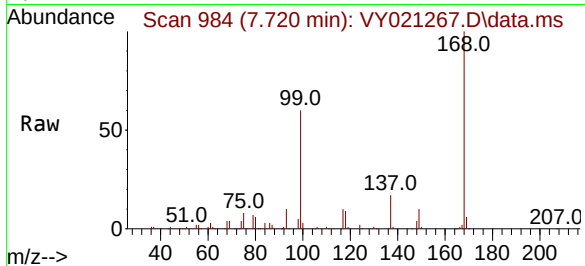




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

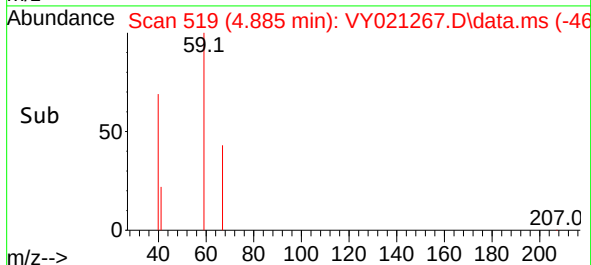
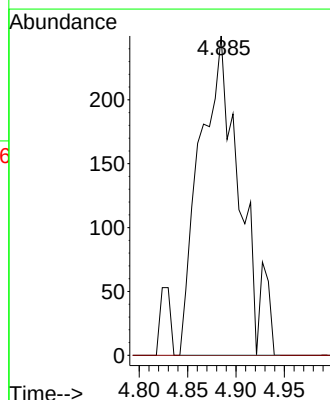
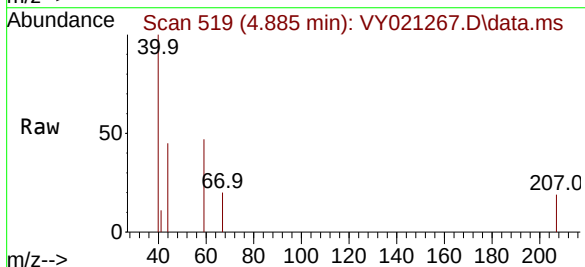
Instrument :
MSVOA_Y
ClientSampleId :

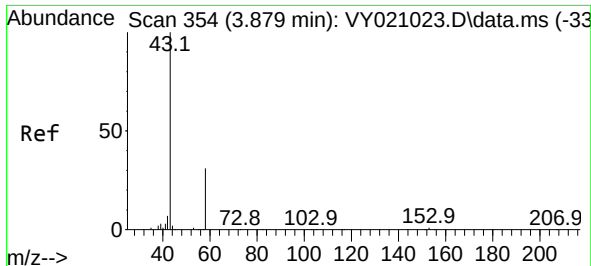
Tgt Ion:168 Resp: 179849
Ion Ratio Lower Upper
168 100
99 60.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.774 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

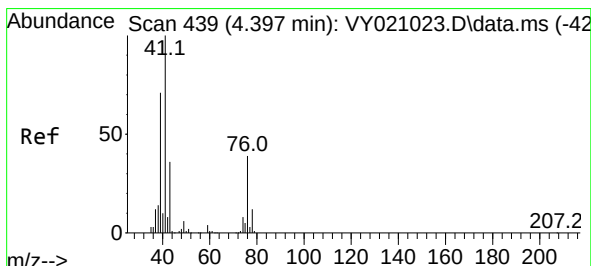
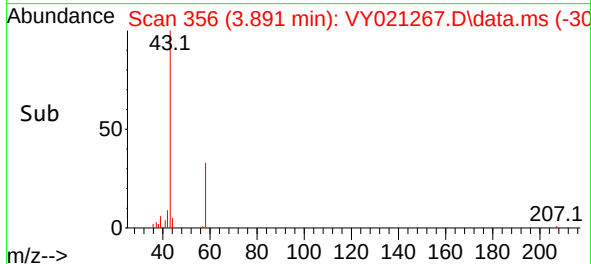
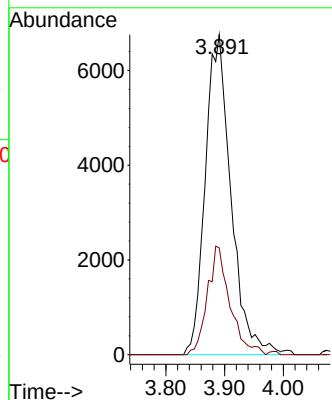
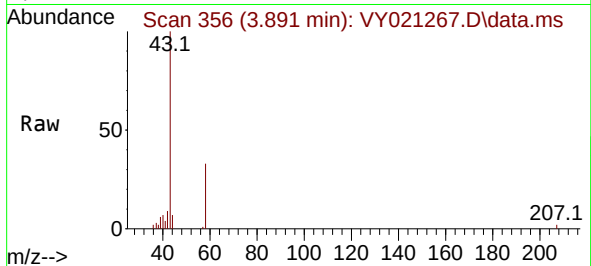




#16
Acetone
Concen: 71.390 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

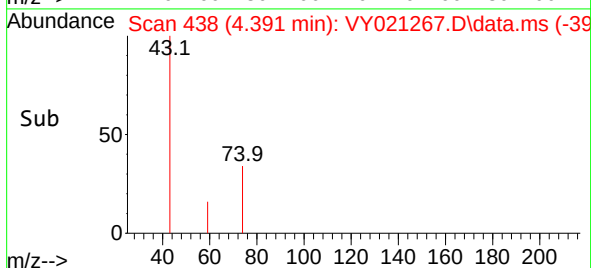
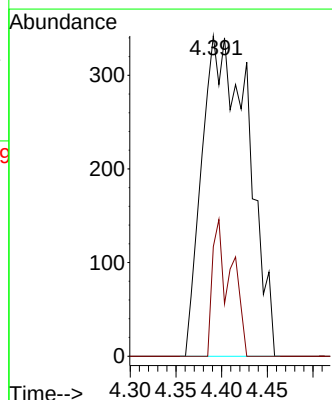
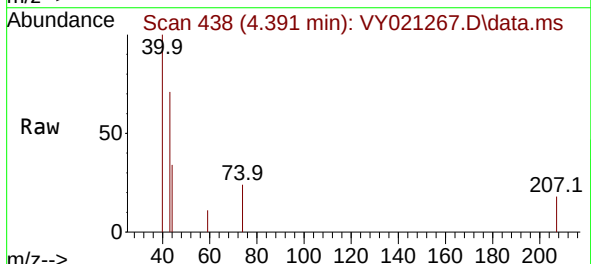
Instrument :
MSVOA_Y
ClientSampleId :

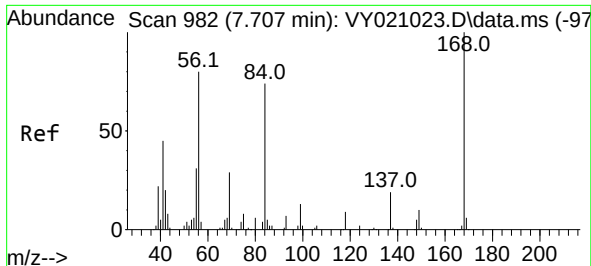
Tgt Ion: 43 Resp: 20515
Ion Ratio Lower Upper
43 100
58 33.4 26.6 39.8



#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

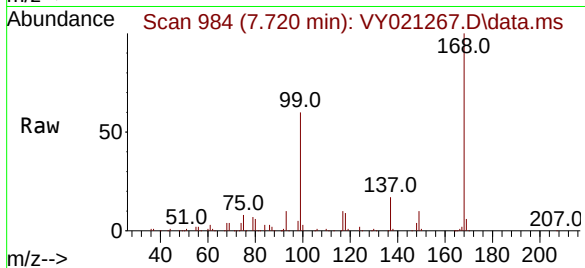
Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
74 17.2 19.8 29.6#



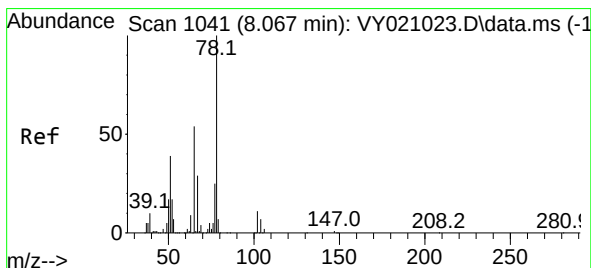
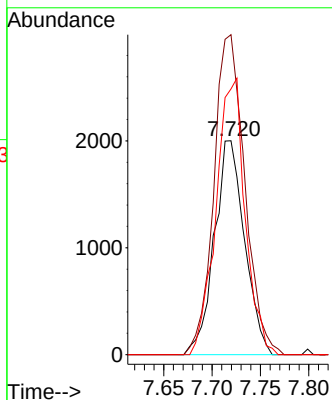
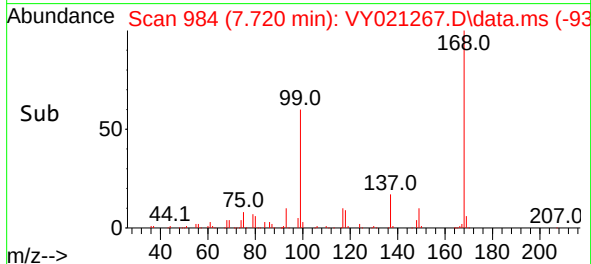


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

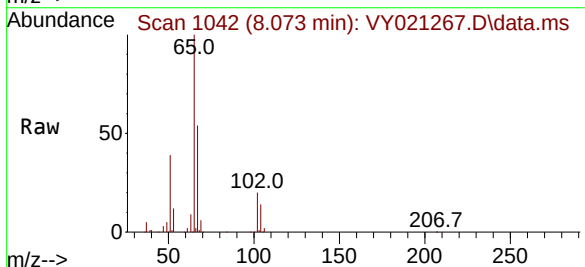
Instrument :
MSVOA_Y
ClientSampleId :



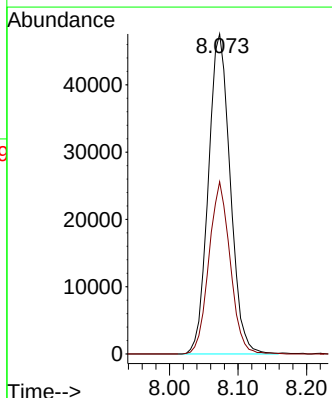
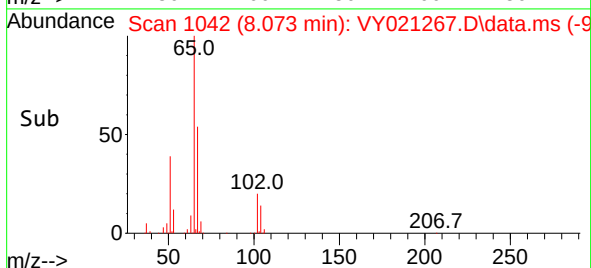
Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 149.6 27.0 40.6#
84 124.3 71.8 107.6#

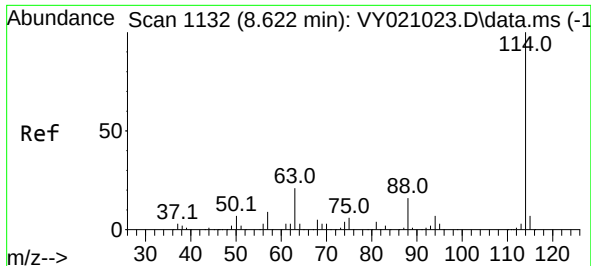


#33
1,2-Dichloroethane-d4
Concen: 57.175 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10



Tgt Ion: 65 Resp: 105356
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

Instrument :

MSVOA_Y

ClientSampleId :

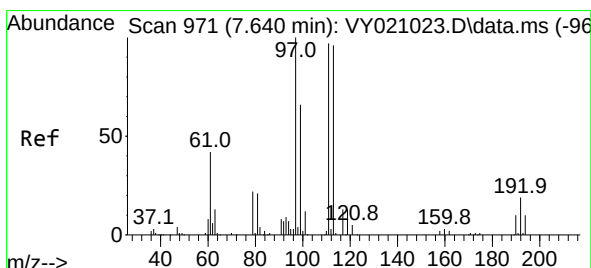
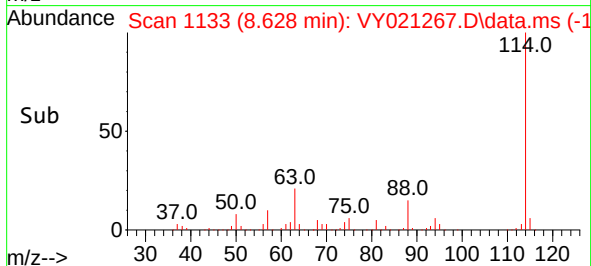
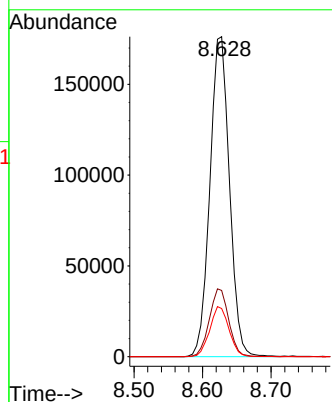
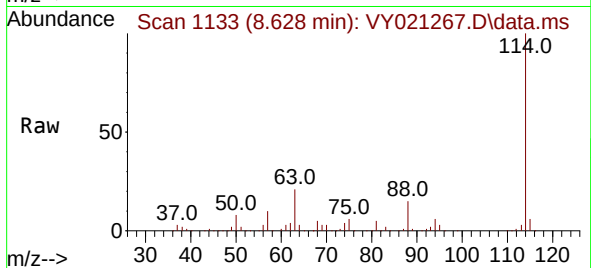
Tgt Ion:114 Resp: 348924

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.308 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

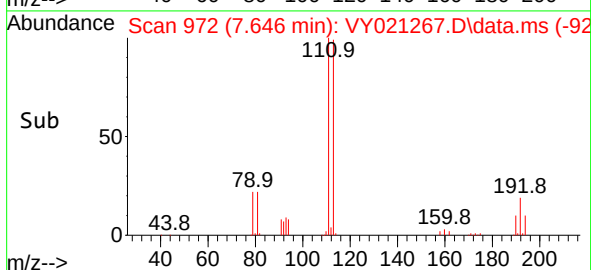
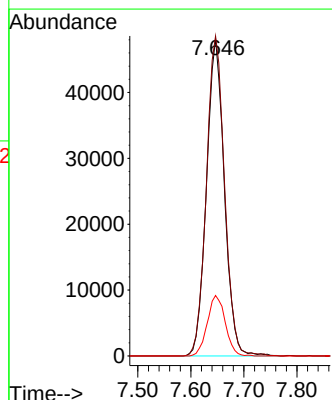
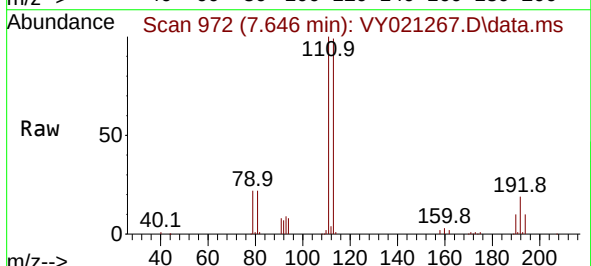
Tgt Ion:113 Resp: 112496

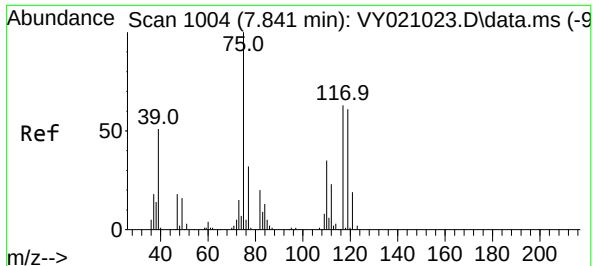
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.470 ug/l

RT: 7.720 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021267.D

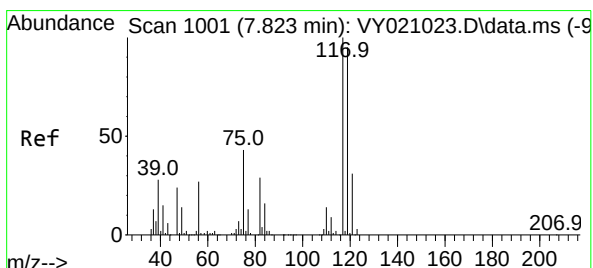
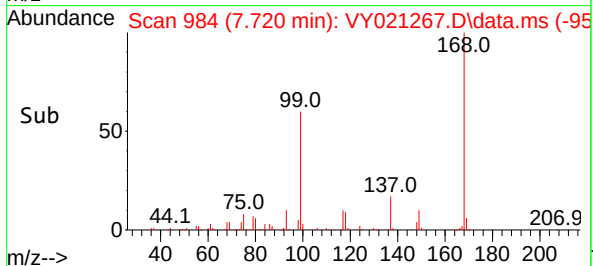
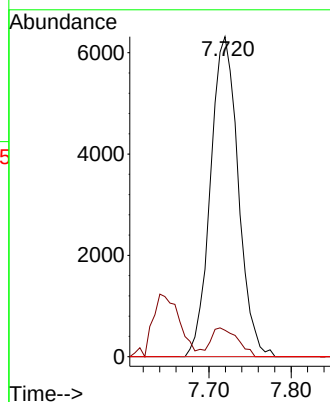
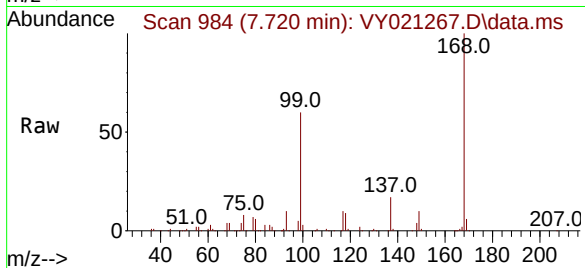
Acq: 20 Feb 2025 22:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14805
Ion Ratio	Lower Upper
75	100
110	8.4 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.922 ug/l

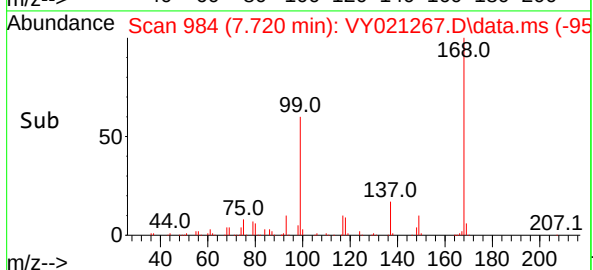
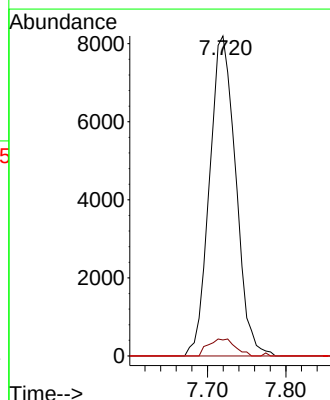
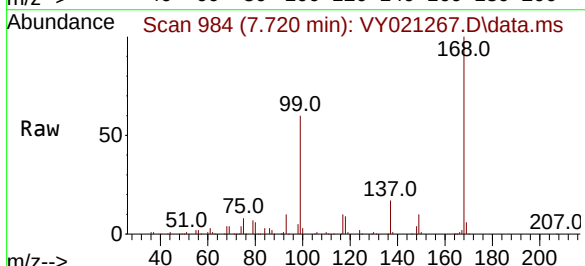
RT: 7.720 min Scan# 984

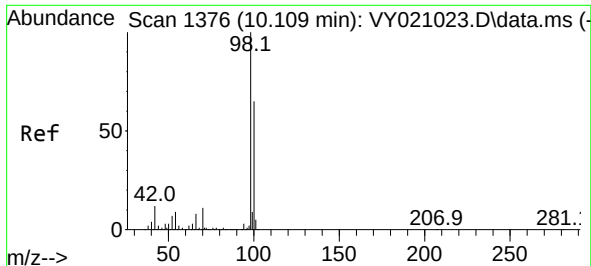
Delta R.T. -0.104 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

Tgt Ion: 117	Resp: 19050
Ion Ratio	Lower Upper
117	100
119	5.0 76.0 114.0#
121	0.0 24.2 36.2#

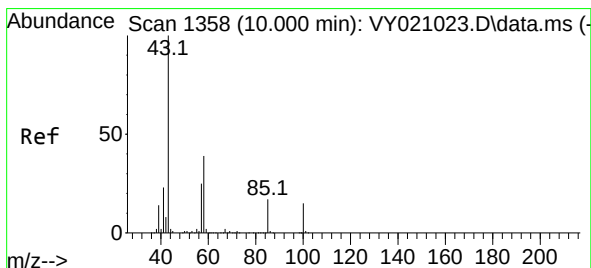
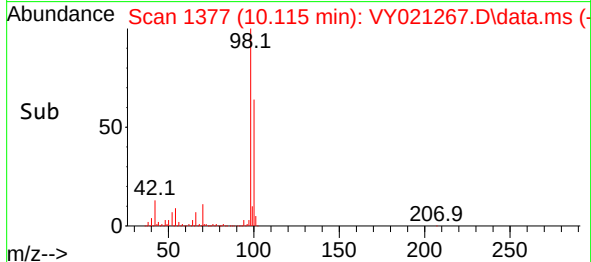
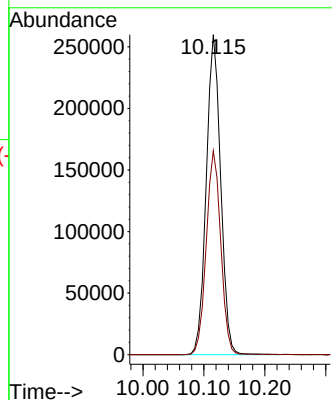
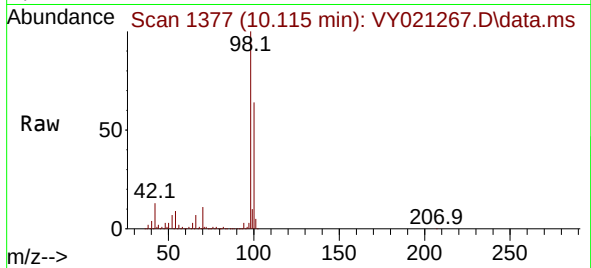




#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

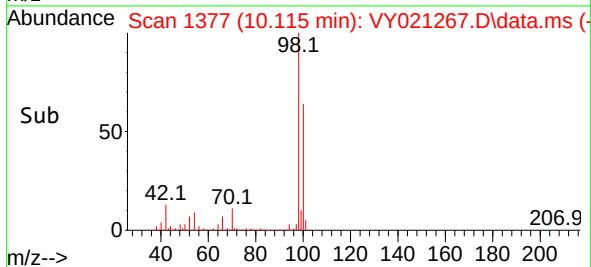
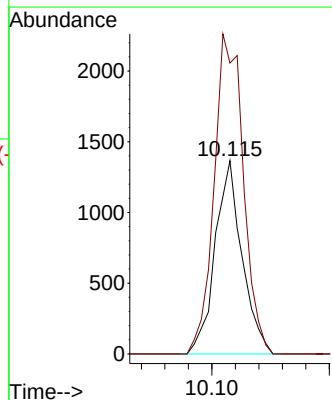
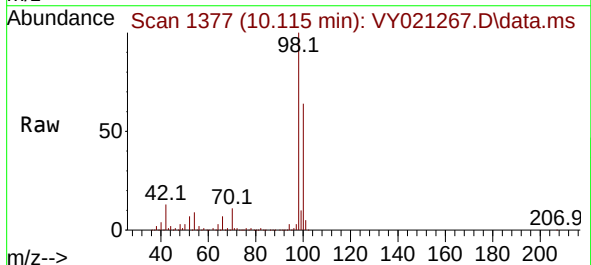
Instrument :
MSVOA_Y
ClientSampleId :

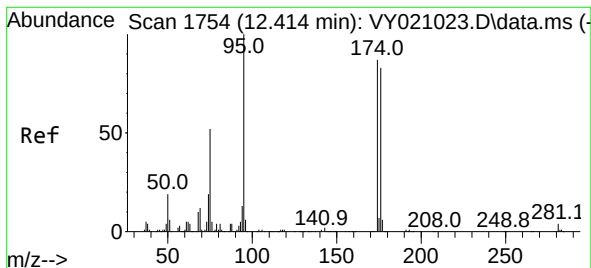
Tgt Ion: 98 Resp: 427049
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.498 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.116 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
58 179.4 32.2 48.2#

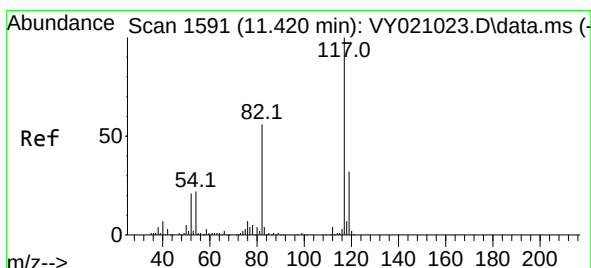
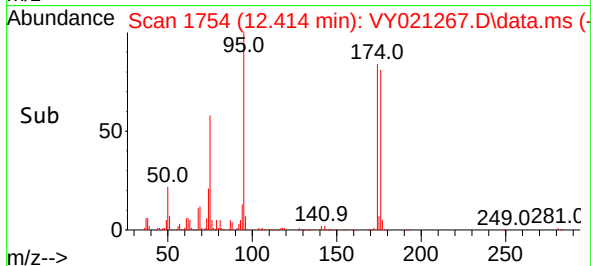
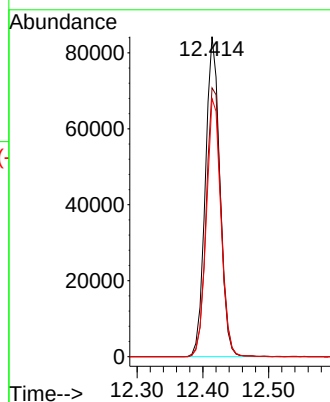
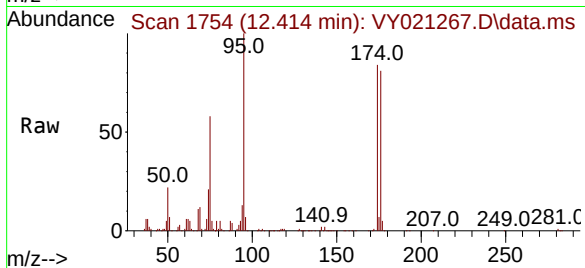




#62
4-Bromofluorobenzene
Concen: 46.534 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

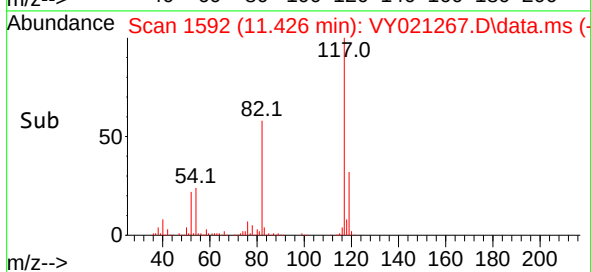
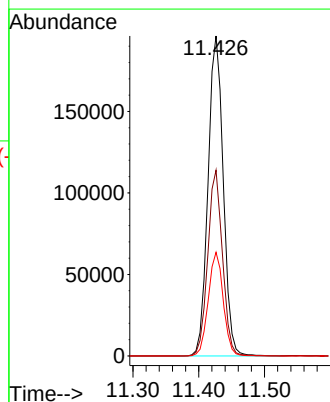
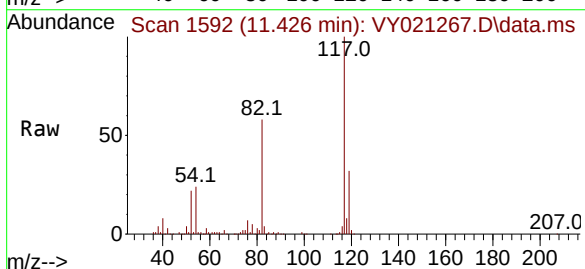
Instrument :
MSVOA_Y
ClientSampleId :

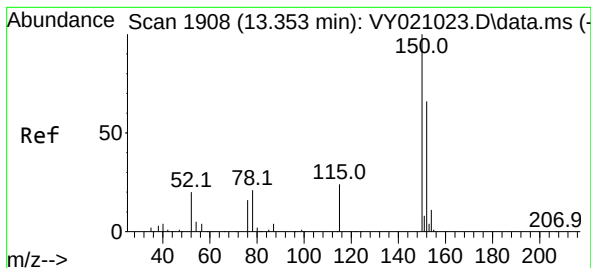
Tgt Ion: 95 Resp: 129419
Ion Ratio Lower Upper
95 100
174 85.9 0.0 160.0
176 80.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Tgt Ion: 117 Resp: 316031
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 32.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021267.D

Acq: 20 Feb 2025 22:10

Instrument :

MSVOA_Y

ClientSampleId :

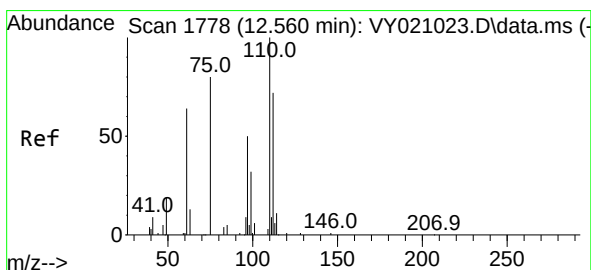
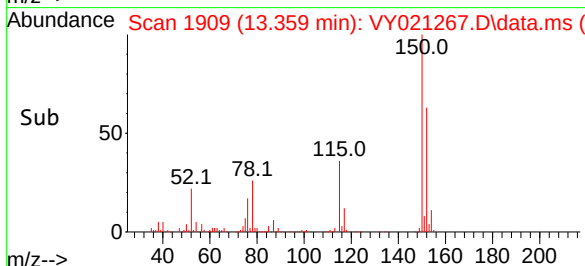
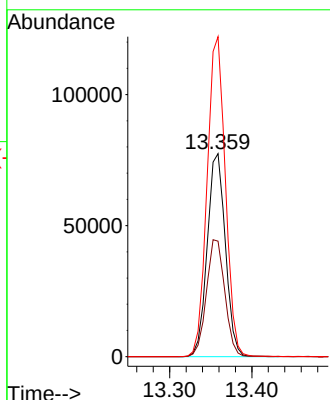
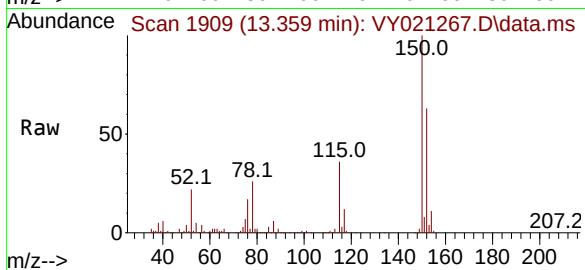
Tgt Ion:152 Resp: 118848

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 158.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 67.575 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021267.D

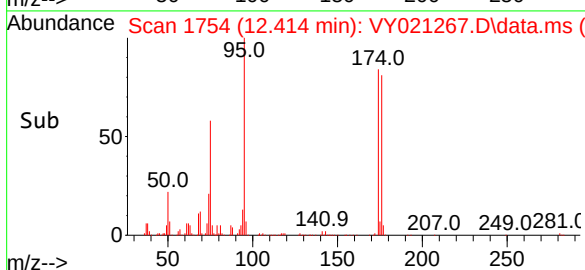
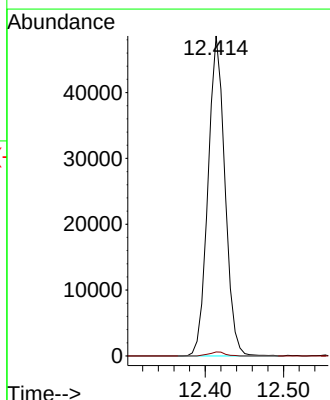
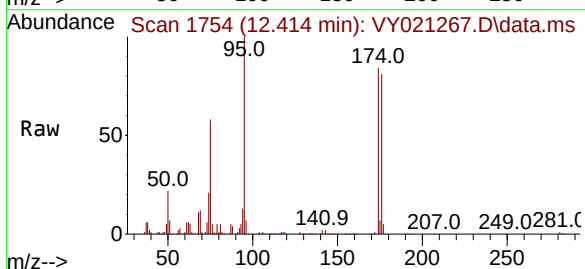
Acq: 20 Feb 2025 22:10

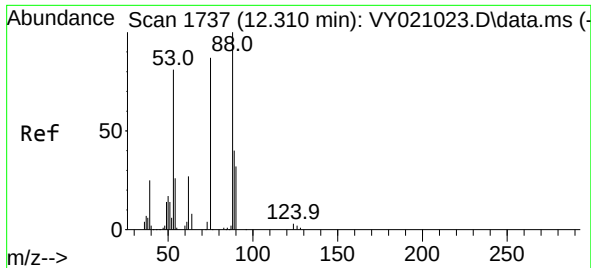
Tgt Ion: 75 Resp: 72852

Ion Ratio Lower Upper

75 100

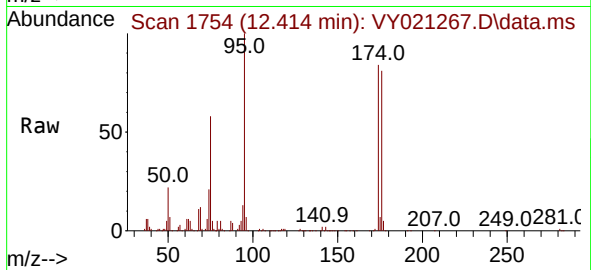
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.884 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021267.D
Acq: 20 Feb 2025 22:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#

