

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022615.D
 Acq On : 09 Jun 2025 08:58
 Operator : SY/MD
 Sample : VY0609SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Quant Time: Jun 10 01:23:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

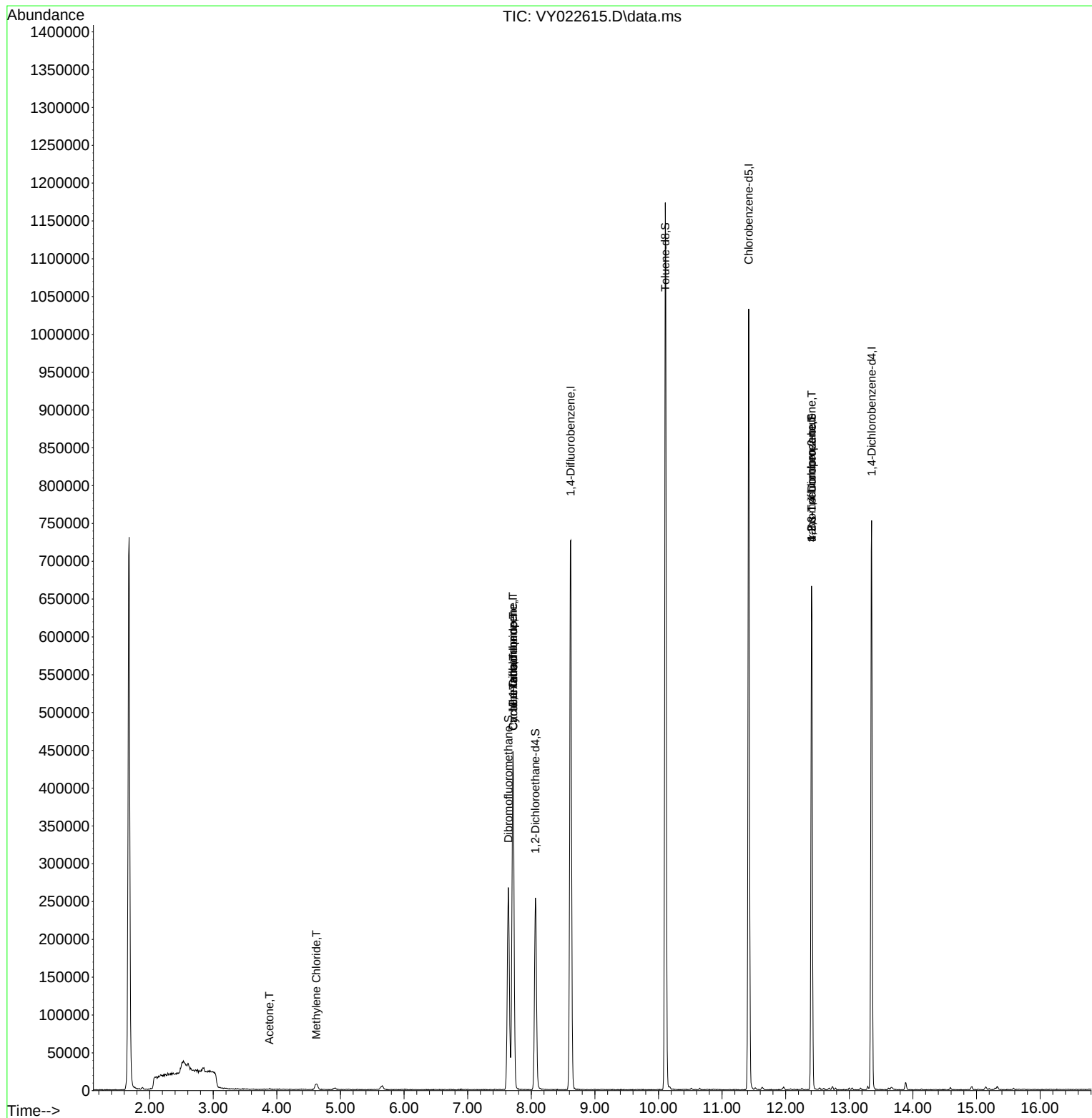
Internal Standards						
1) Pentafluorobenzene	7.712	168	325112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.620	114	599984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.419	117	480184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.351	152	173635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.065	65	189348	52.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.639	113	184039	51.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.108	98	715616	49.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.406	95	183527	42.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.140%	
Target Compounds						Qvalue
16) Acetone	3.883	43	879	1.190	ug/l	98
20) Methylene Chloride	4.621	84	5270	1.256	ug/l	92
31) Cyclohexane	7.718	56	9248	1.324	ug/l #	45
36) 1,1-Dichloropropene	7.712	75	30152	5.188	ug/l #	50
38) Carbon Tetrachloride	7.718	117	34140	5.726	ug/l #	16
76) 1,2,3-Trichloropropane	12.406	75	107700	54.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.406	75	107700	130.932	ug/l #	10

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

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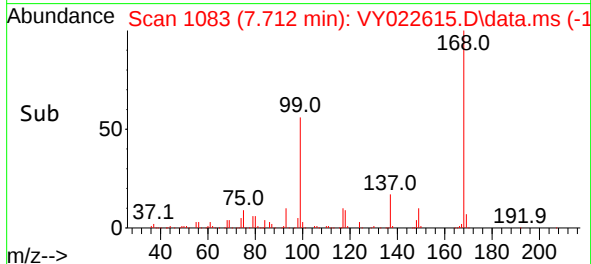
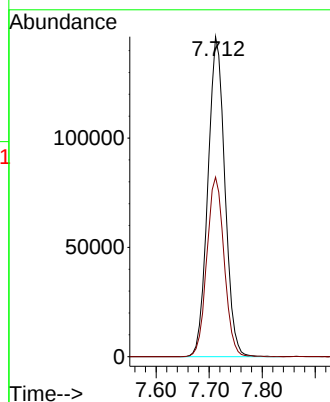
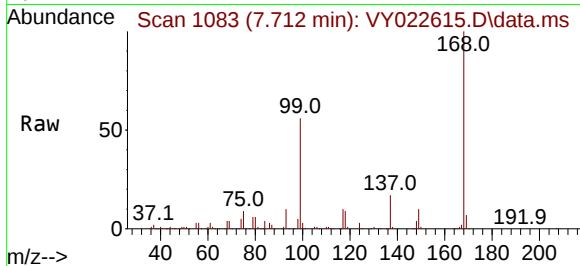




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.712 min Scan# 10
Delta R.T. -0.001 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

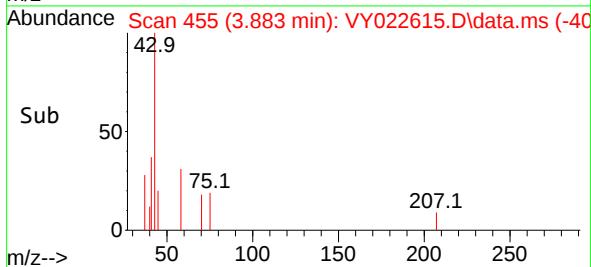
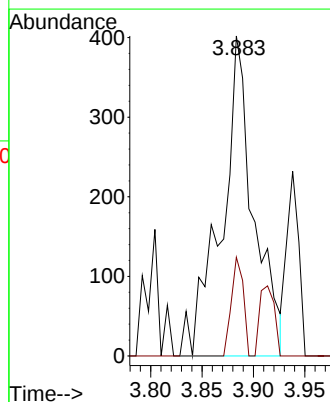
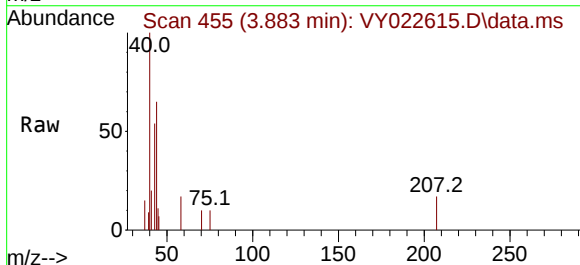
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion:168 Resp: 325112
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#16
Acetone
Concen: 1.190 ug/l
RT: 3.883 min Scan# 455
Delta R.T. 0.005 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

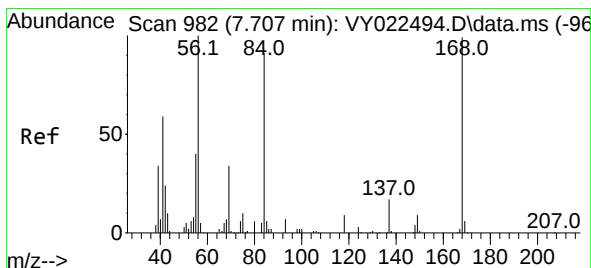
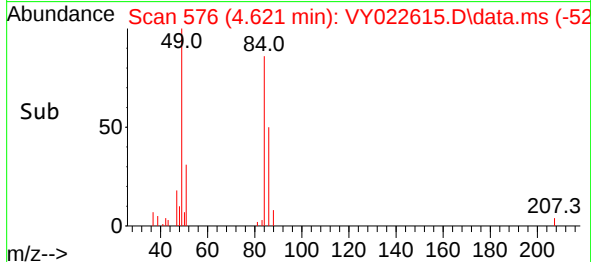
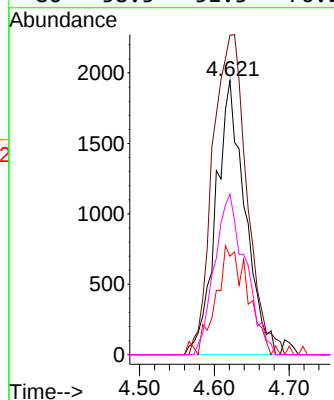
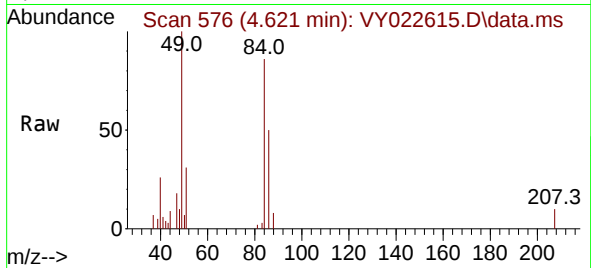




#20
Methylene Chloride
Concen: 1.256 ug/l
RT: 4.621 min Scan# 51
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

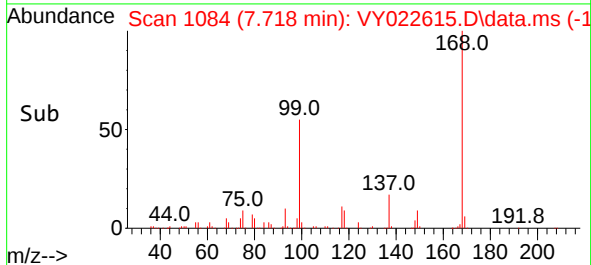
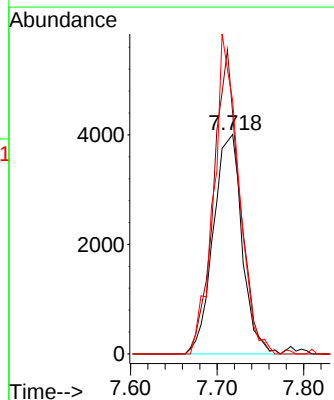
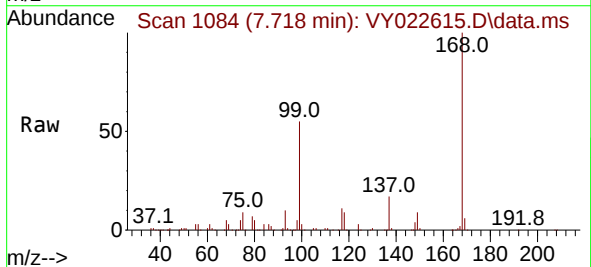
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

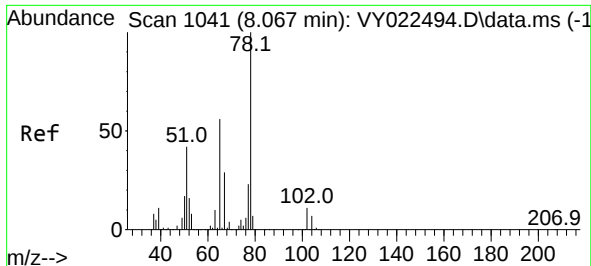
Tgt Ion:	84	Resp:	5270
Ion	Ratio	Lower	Upper
84	100		
49	116.6	101.9	152.9
51	35.9	29.8	44.8
86	58.5	51.3	76.9



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.718 min Scan# 1084
Delta R.T. 0.011 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion:	56	Resp:	9248
Ion	Ratio	Lower	Upper
56	100		
69	109.4	27.0	40.6#
84	115.3	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 52.073 ug/l

RT: 8.065 min Scan# 1141

Delta R.T. -0.002 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

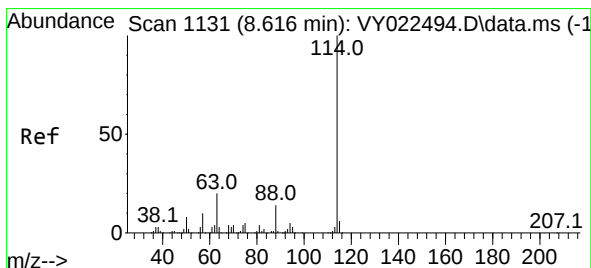
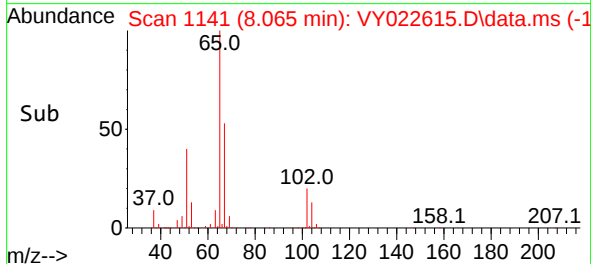
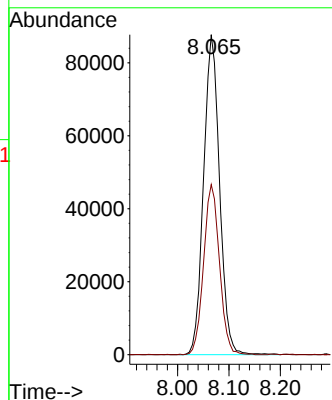
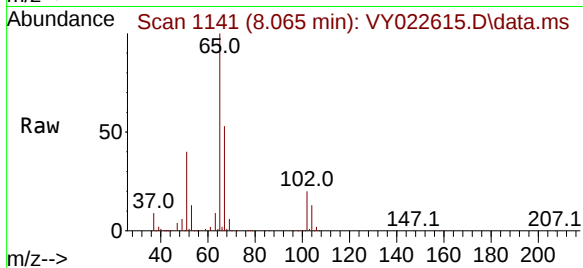
VY0609SBL01

Tgt Ion: 65 Resp: 189348

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.620 min Scan# 1232

Delta R.T. 0.005 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

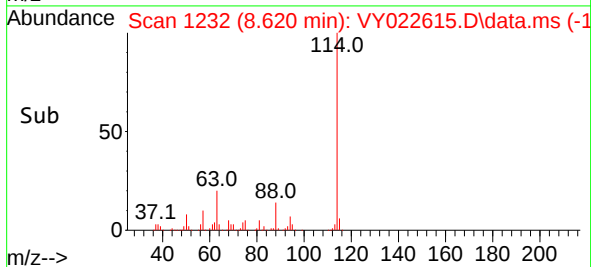
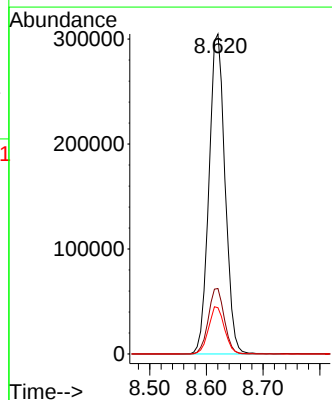
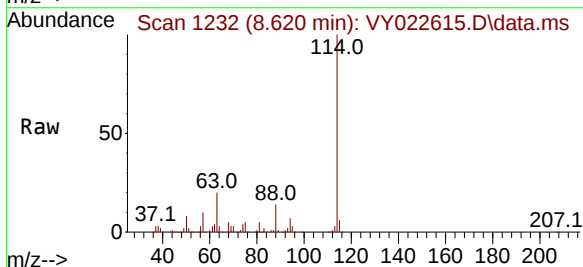
Tgt Ion: 114 Resp: 599984

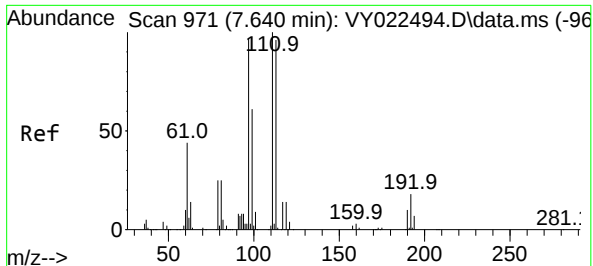
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.4 0.0 27.8





#35

Dibromofluoromethane

Concen: 51.391 ug/l

RT: 7.639 min Scan# 1083

Delta R.T. -0.002 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

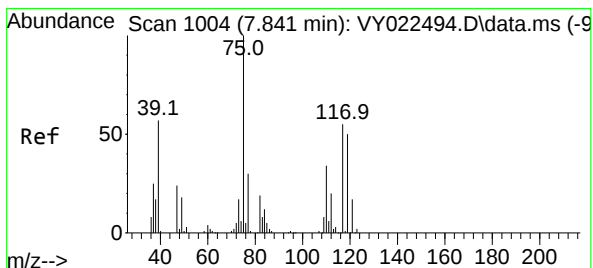
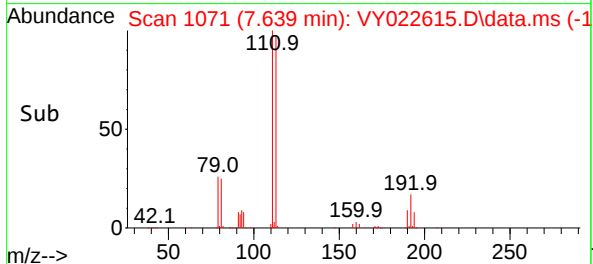
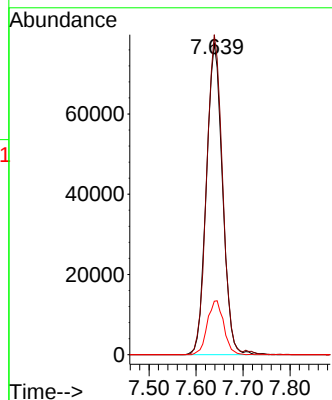
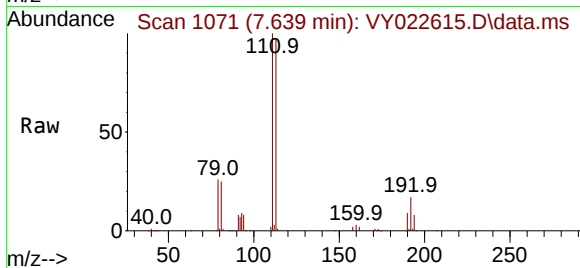
Tgt Ion:113 Resp: 184039

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

192 17.6 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.188 ug/l

RT: 7.712 min Scan# 1083

Delta R.T. -0.130 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

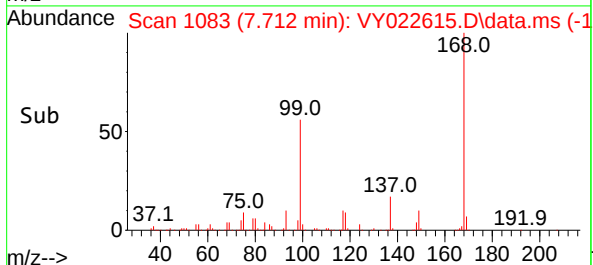
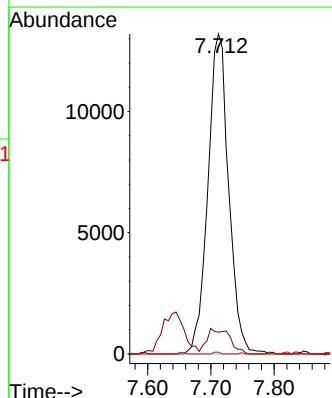
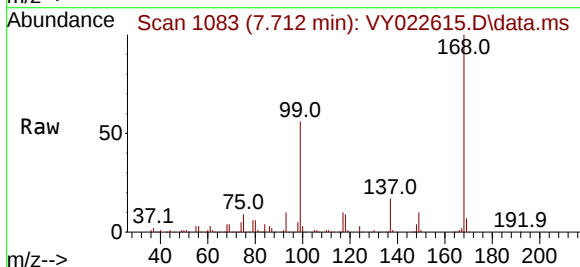
Tgt Ion: 75 Resp: 30152

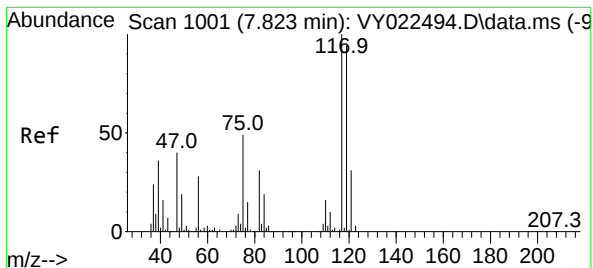
Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.7#

77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.726 ug/l

RT: 7.718 min Scan# 1084

Delta R.T. -0.105 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

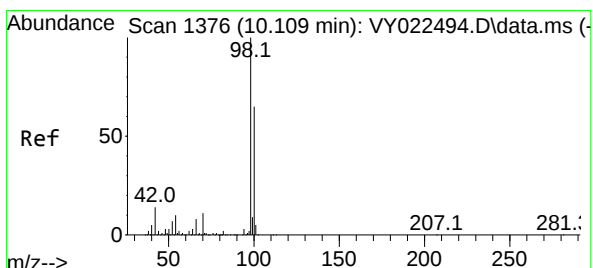
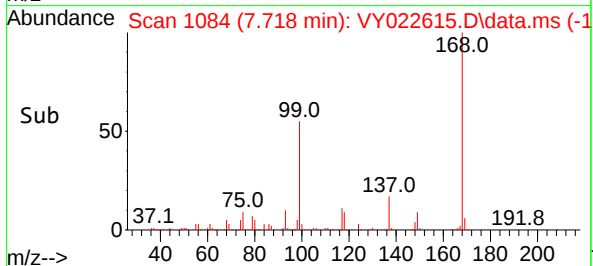
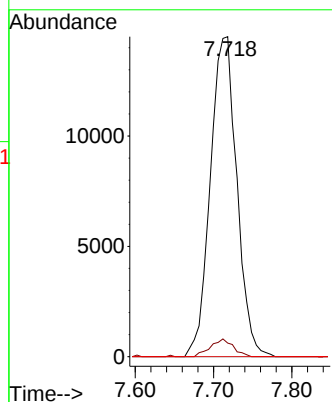
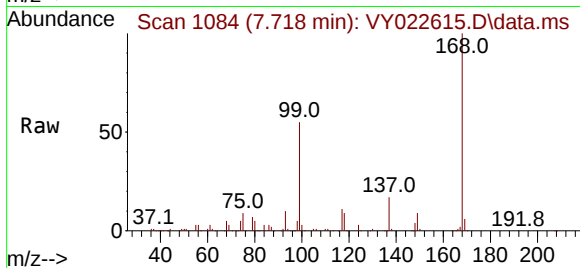
Tgt Ion:117 Resp: 34140

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.6#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 49.454 ug/l

RT: 10.108 min Scan# 1476

Delta R.T. -0.002 min

Lab File: VY022615.D

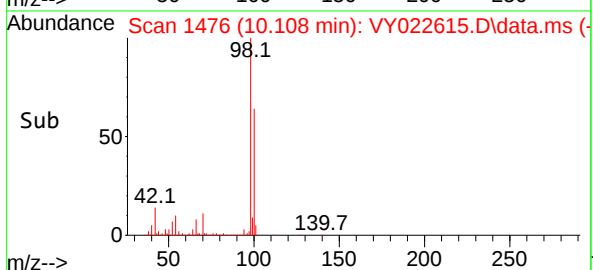
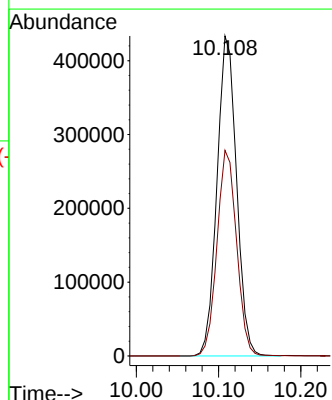
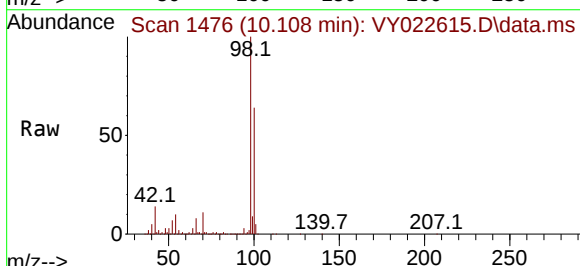
Acq: 09 Jun 2025 08:58

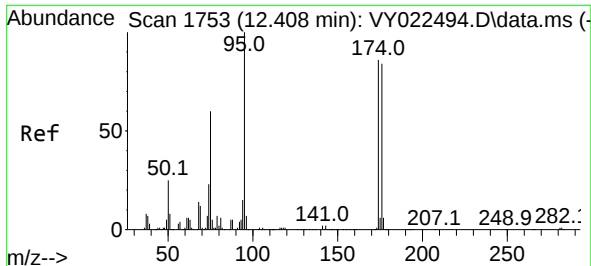
Tgt Ion: 98 Resp: 715616

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

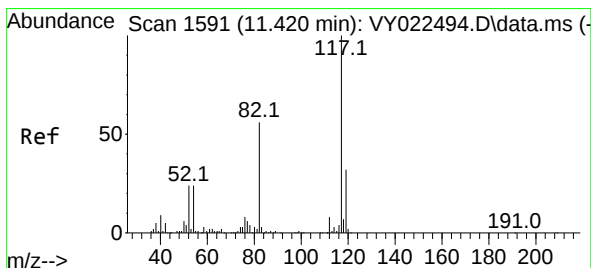
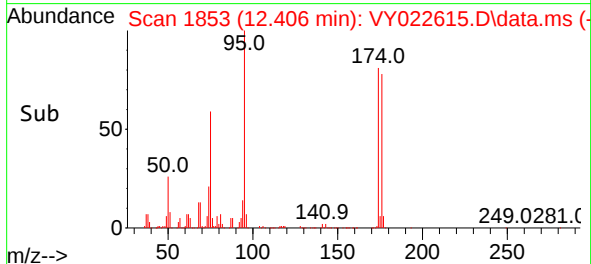
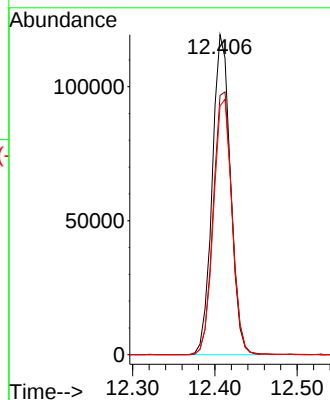
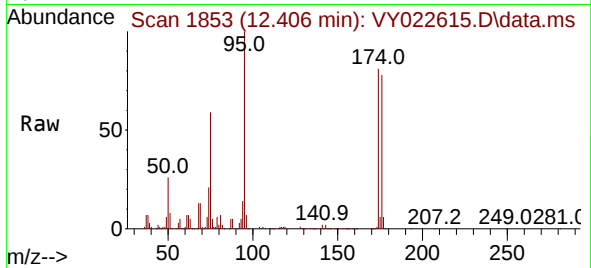




#62
4-Bromofluorobenzene
Concen: 42.568 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

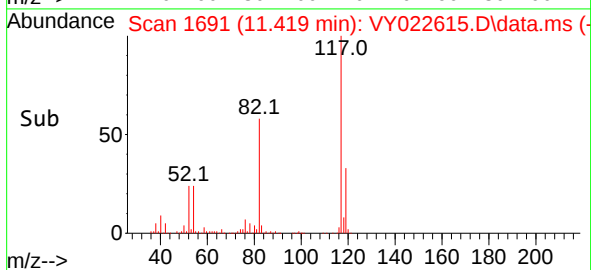
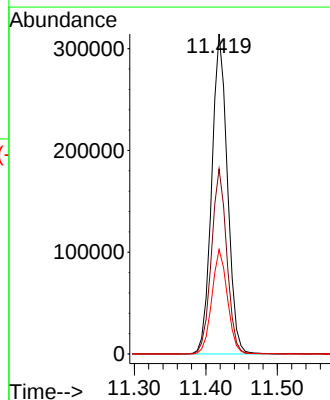
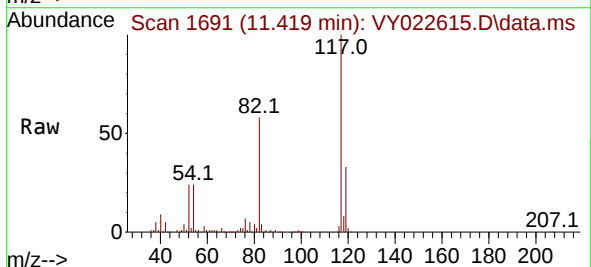
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

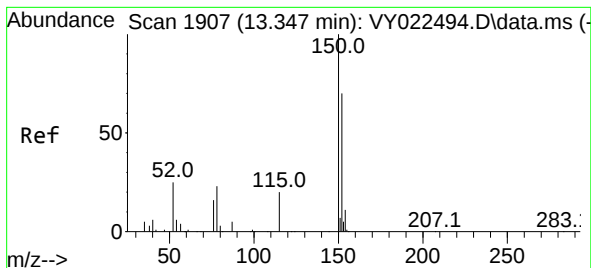
Tgt Ion: 95 Resp: 183527
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 81.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.419 min Scan# 1691
Delta R.T. -0.002 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Tgt Ion: 117 Resp: 480184
Ion Ratio Lower Upper
117 100
82 57.9 44.6 66.8
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.351 min Scan# 20

Delta R.T. 0.005 min

Lab File: VY022615.D

Acq: 09 Jun 2025 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0609SBL01

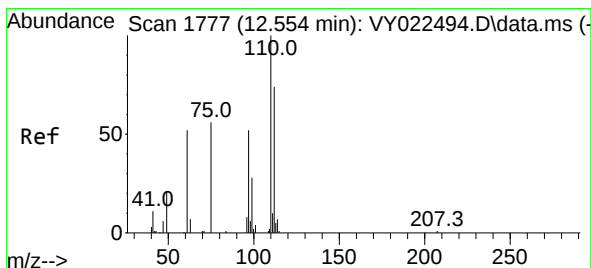
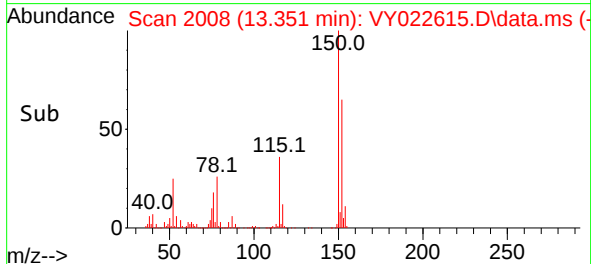
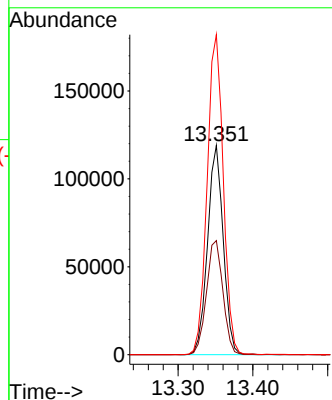
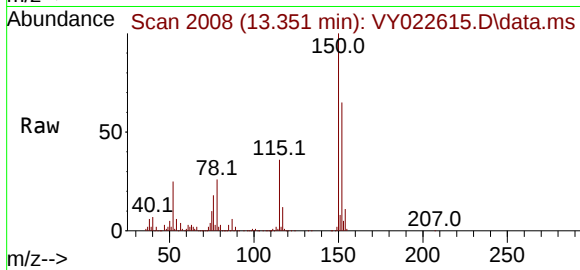
Tgt Ion:152 Resp: 173635

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 156.9 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 54.217 ug/l

RT: 12.406 min Scan# 1853

Delta R.T. -0.148 min

Lab File: VY022615.D

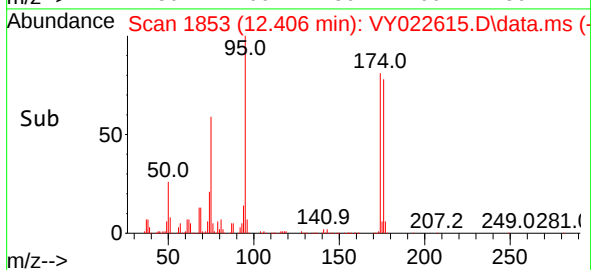
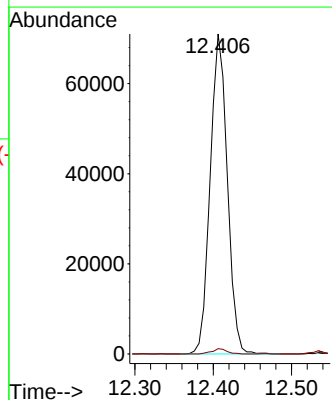
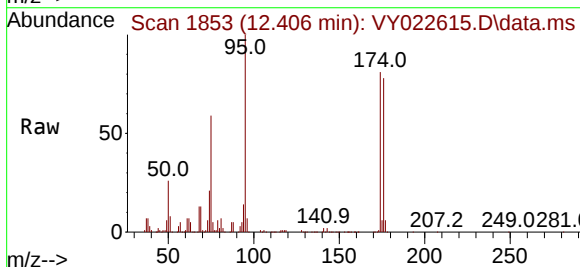
Acq: 09 Jun 2025 08:58

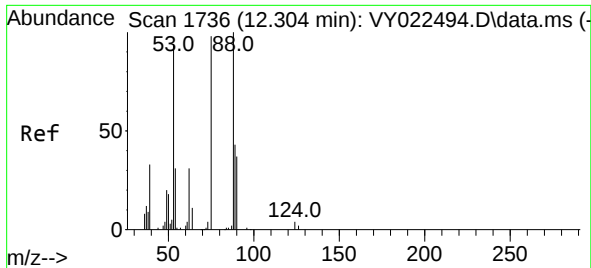
Tgt Ion: 75 Resp: 107700

Ion Ratio Lower Upper

75 100

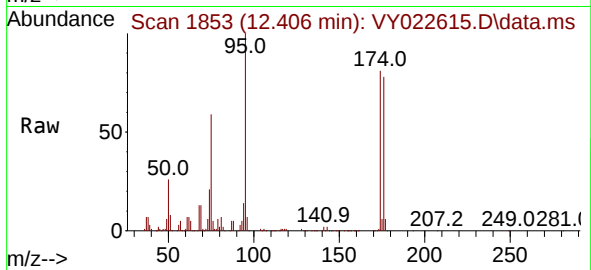
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.932 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.102 min
Lab File: VY022615.D
Acq: 09 Jun 2025 08:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01



Tgt Ion: 75 Resp: 107700
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

