

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022588.D
 Acq On : 06 Jun 2025 10:06
 Operator : SY/MD
 Sample : VY0606SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

Quant Time: Jun 06 23:39:22 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)

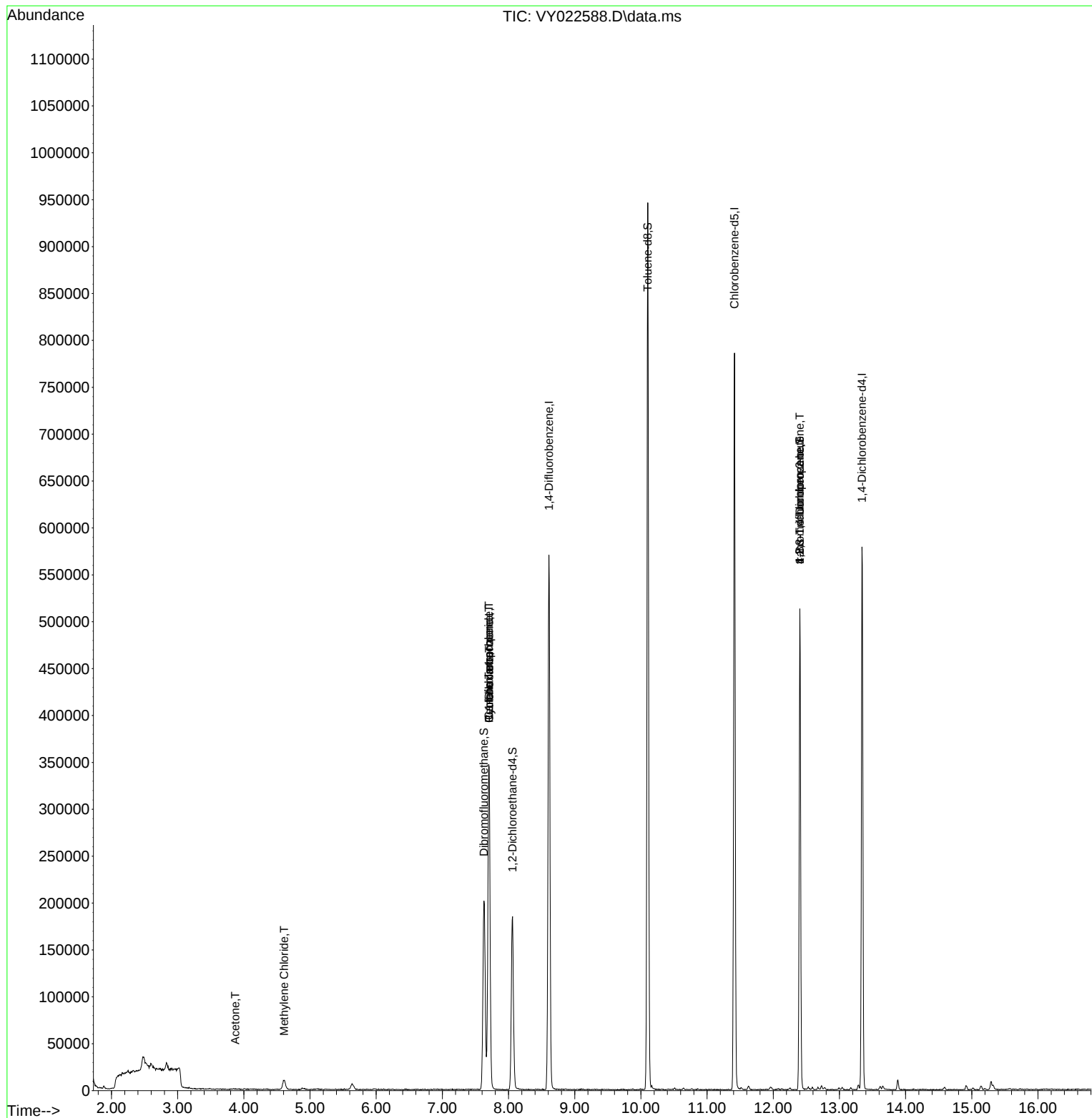
Internal Standards						
1) Pentafluorobenzene	7.707	168	258153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	472393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	131159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141174	48.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.780%
35) Dibromofluoromethane	7.628	113	141070	50.032	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.103	98	568763	49.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.401	95	140051	41.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.520%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	774	1.320	ug/l	100
20) Methylene Chloride	4.610	84	7080	2.126	ug/l	95
31) Cyclohexane	7.707	56	7036	1.268	ug/l #	38
36) 1,1-Dichloropropene	7.701	75	23572	5.151	ug/l #	50
38) Carbon Tetrachloride	7.701	117	27871	5.937	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	81832	54.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	81832	131.702	ug/l #	11

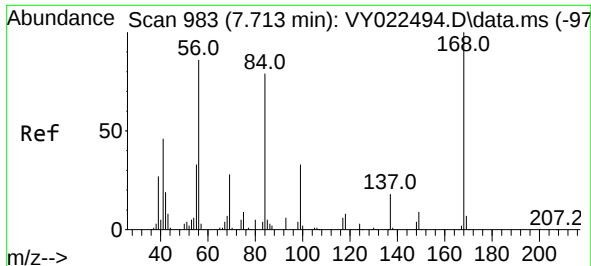
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 23:39:22 2025
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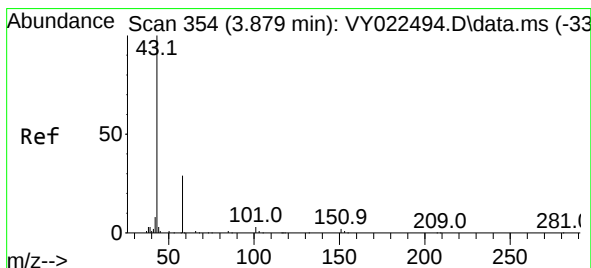
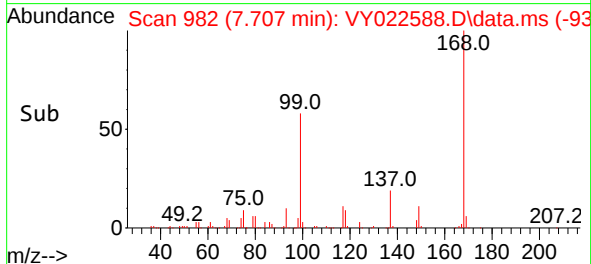
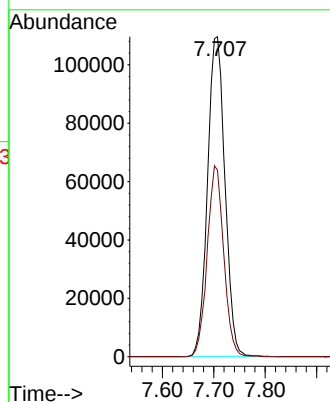
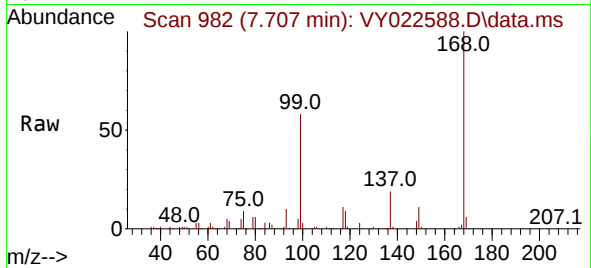




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

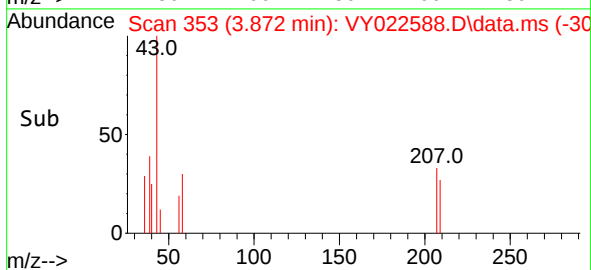
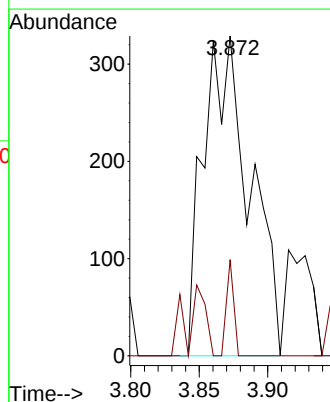
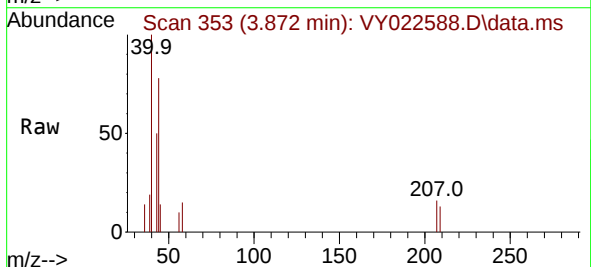
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

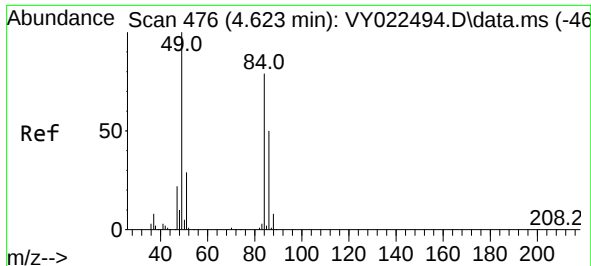
Tgt Ion:168 Resp: 258153
Ion Ratio Lower Upper
168 100
99 58.3 44.3 66.5



#16
Acetone
Concen: 1.320 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 30.1 24.0 36.0



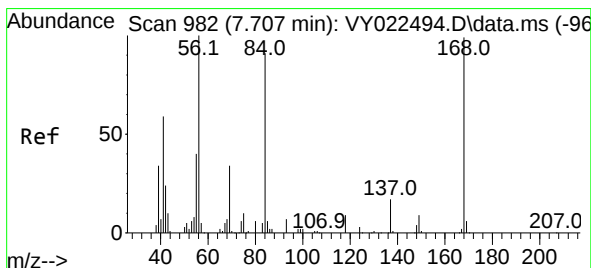
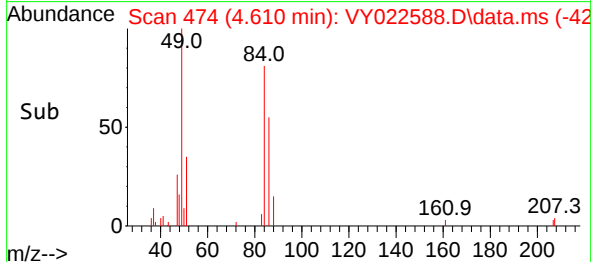
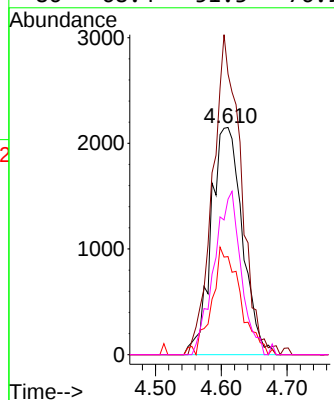
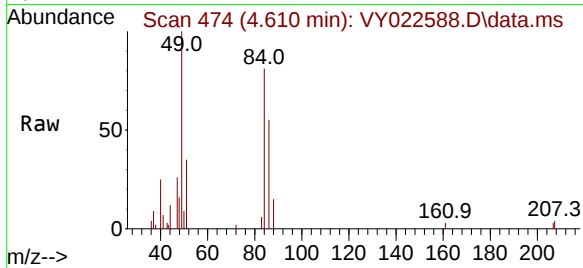


#20
Methylene Chloride
Concen: 2.126 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

Tgt Ion: 84 Resp: 7080

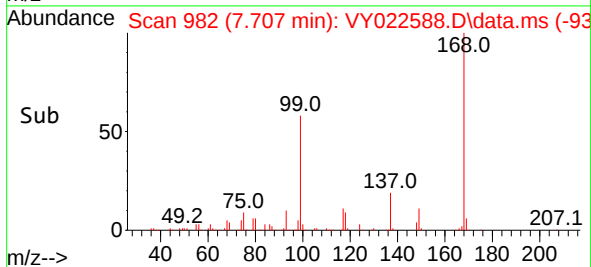
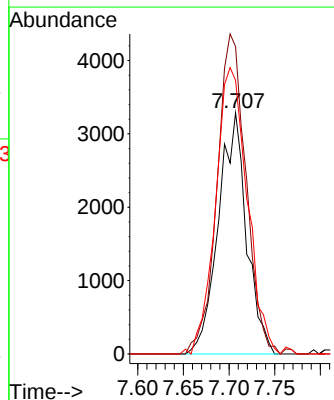
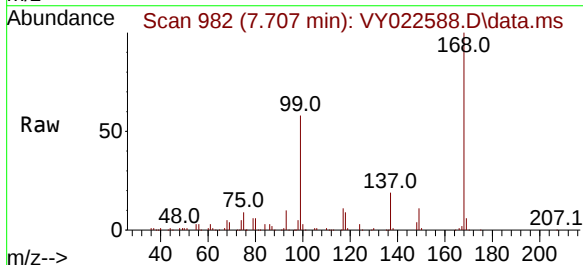
Ion	Ratio	Lower	Upper
84	100		
49	123.5	101.9	152.9
51	43.2	29.8	44.8
86	68.4	51.3	76.9

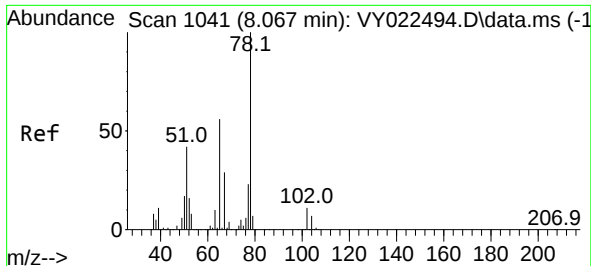


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

Tgt Ion: 56 Resp: 7036

Ion	Ratio	Lower	Upper
56	100		
69	127.5	27.0	40.6#
84	113.5	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 48.895 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022588.D

Acq: 06 Jun 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

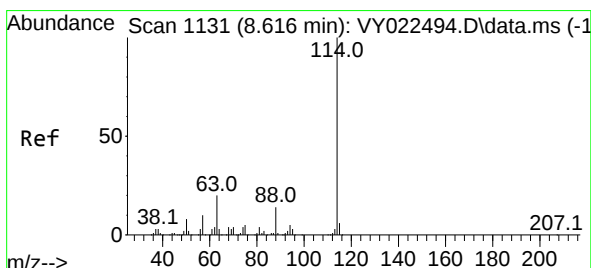
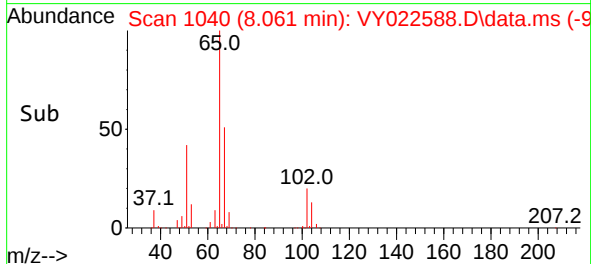
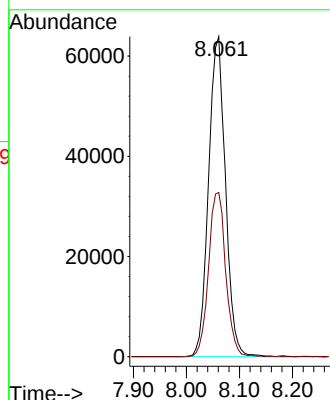
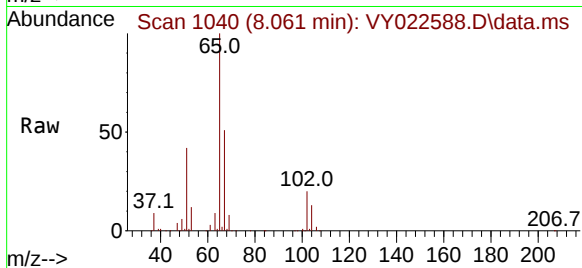
VY0606SBL01

Tgt Ion: 65 Resp: 141174

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022588.D

Acq: 06 Jun 2025 10:06

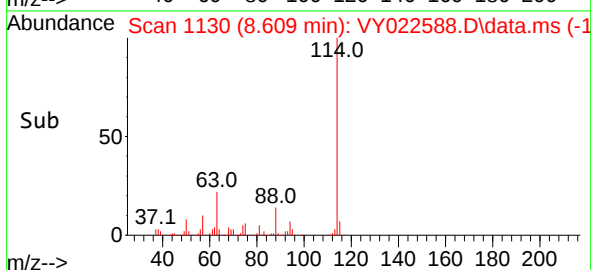
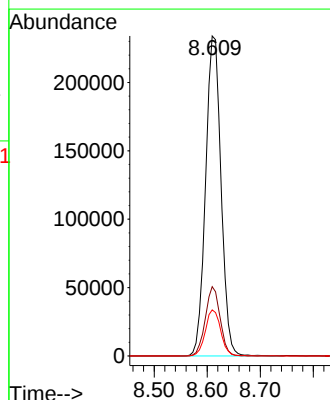
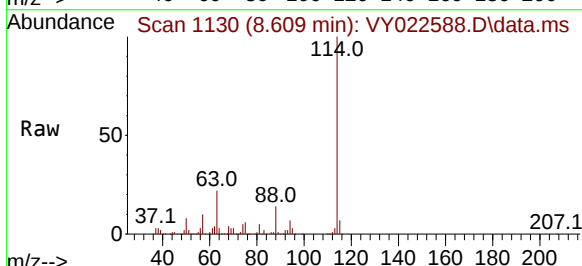
Tgt Ion: 114 Resp: 472393

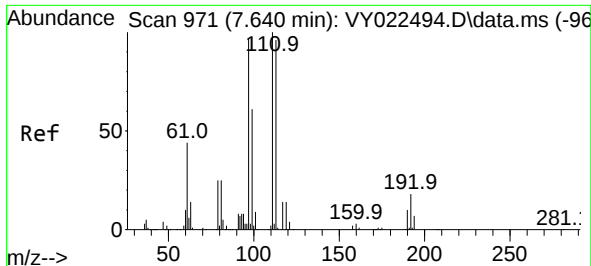
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 14.4 0.0 27.8

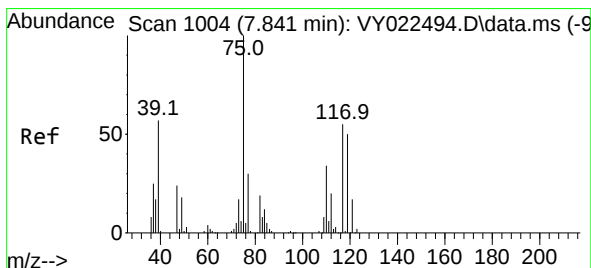
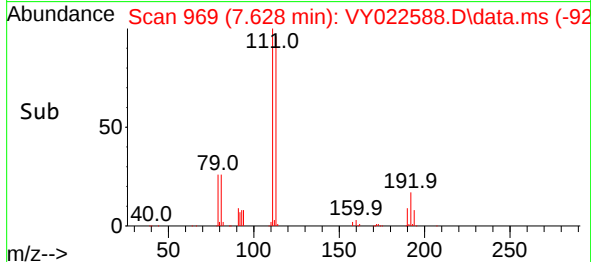
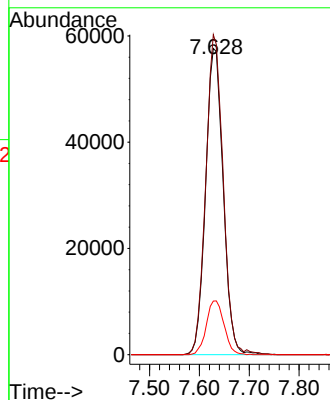
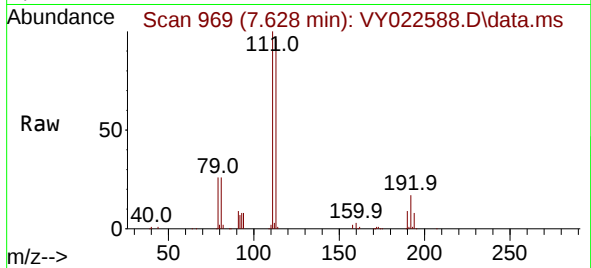




#35
Dibromofluoromethane
Concen: 50.032 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

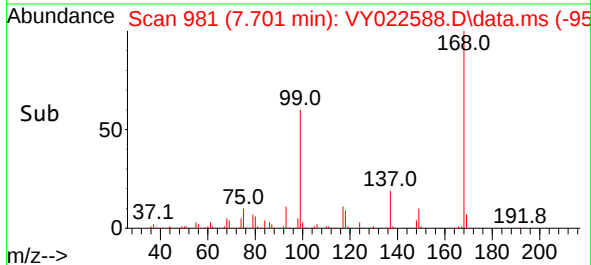
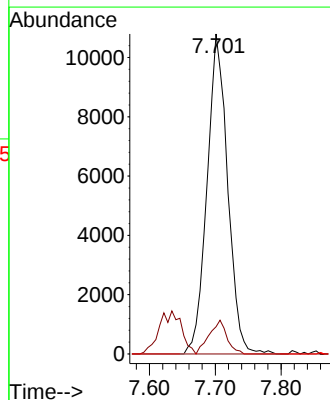
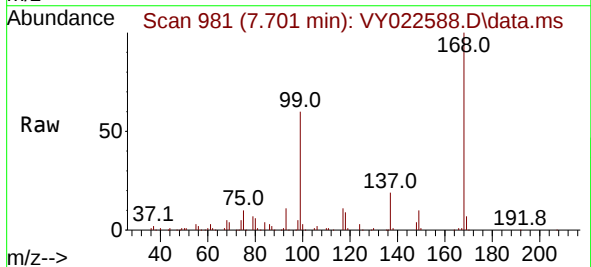
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

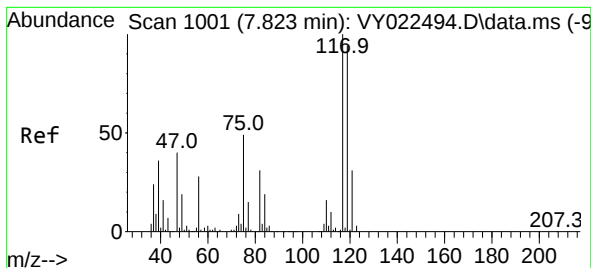
Tgt Ion:113 Resp: 141070
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.151 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

Tgt Ion: 75 Resp: 23572
Ion Ratio Lower Upper
75 100
110 9.1 16.9 50.7#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.937 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY022588.D

Acq: 06 Jun 2025 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0606SBL01

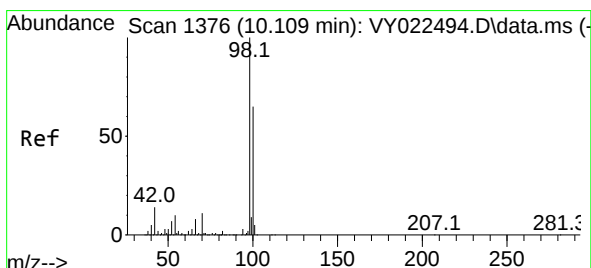
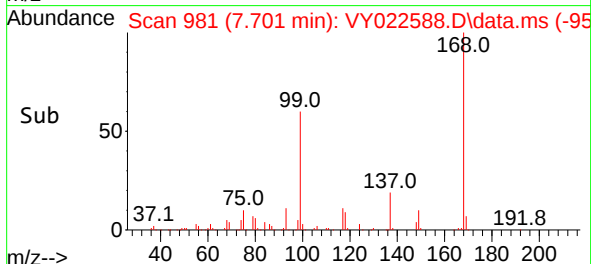
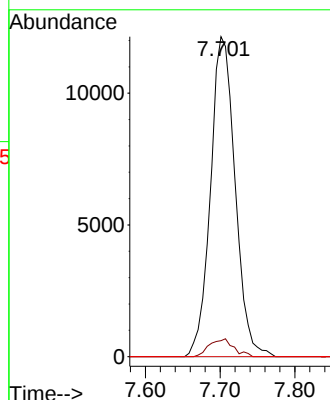
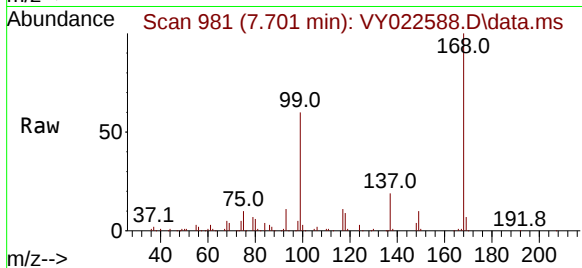
Tgt Ion:117 Resp: 27871

Ion Ratio Lower Upper

117 100

119 5.0 75.0 112.6#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 49.922 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022588.D

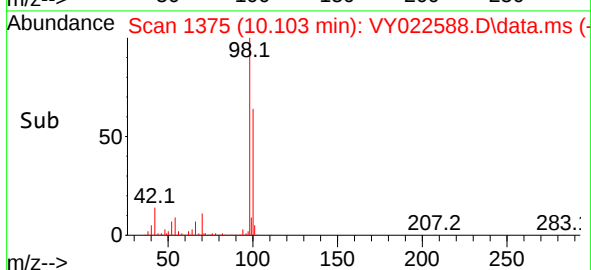
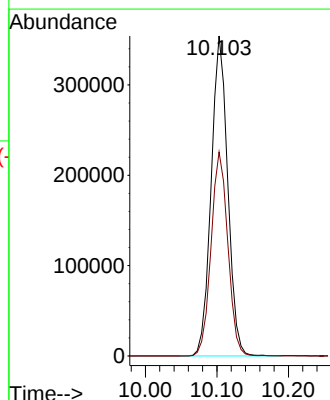
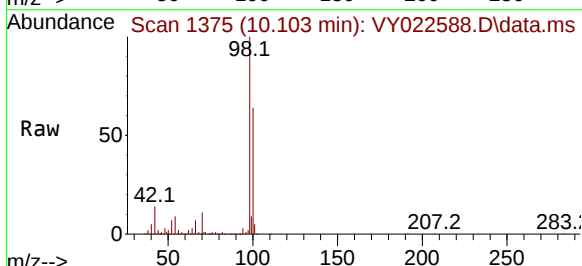
Acq: 06 Jun 2025 10:06

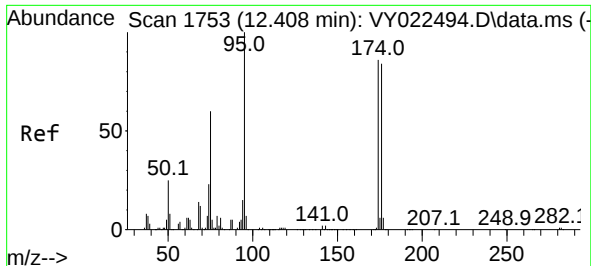
Tgt Ion: 98 Resp: 568763

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

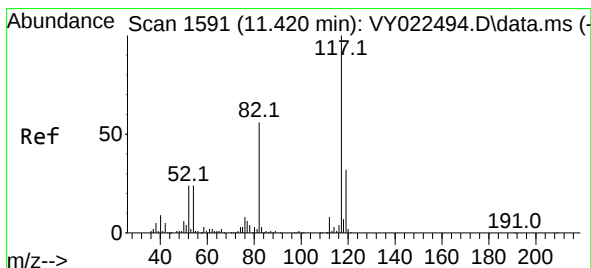
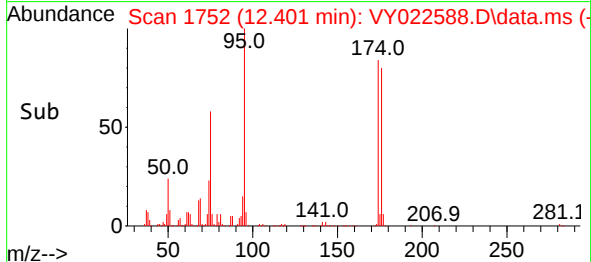
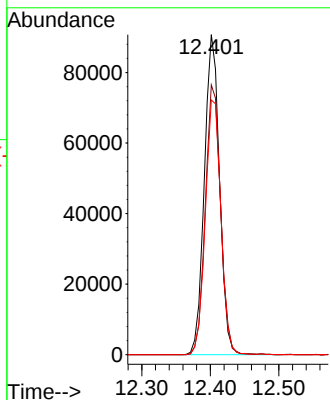
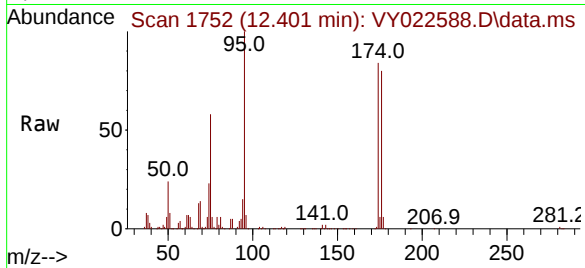




#62
4-Bromofluorobenzene
Concen: 41.258 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

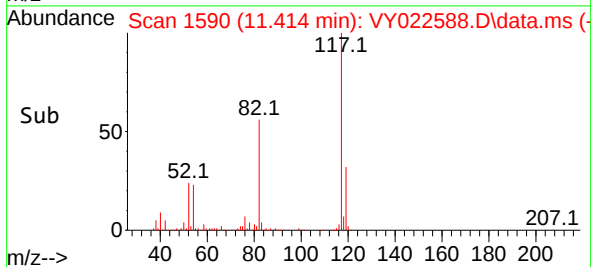
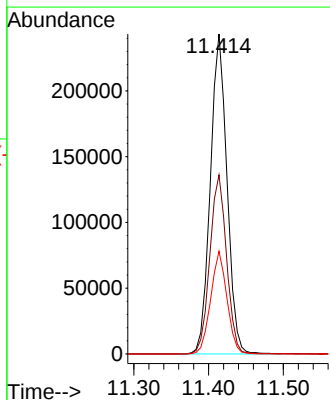
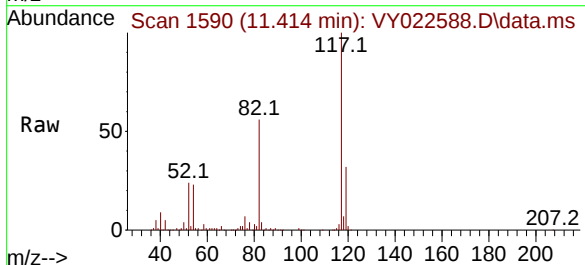
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VY0606SBL01

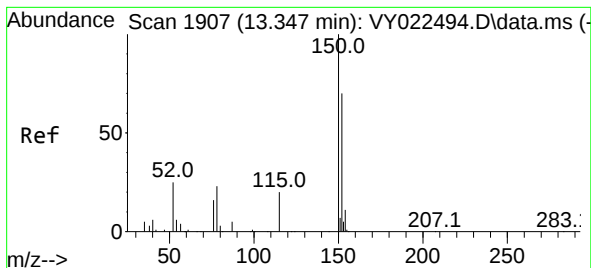
Tgt Ion: 95 Resp: 140051
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.0
176 81.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022588.D
Acq: 06 Jun 2025 10:06

Tgt Ion: 117 Resp: 375953
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 32.1 25.4 38.0

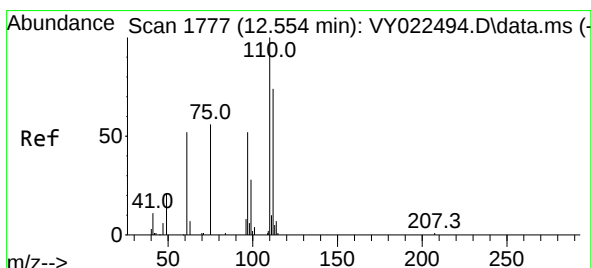
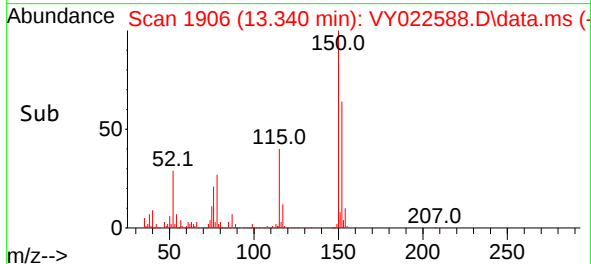
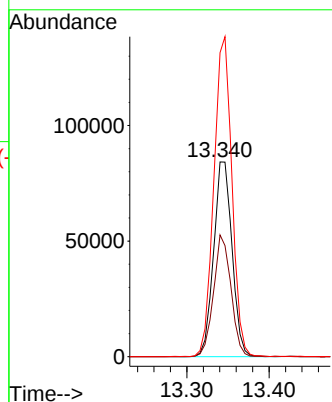
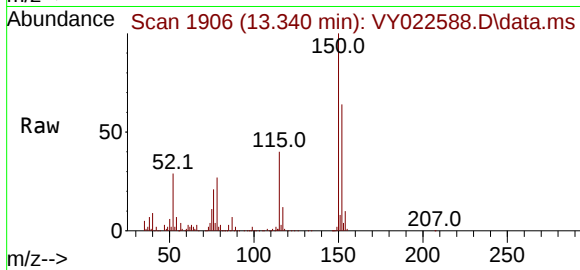




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY022588.D
 Acq: 06 Jun 2025 10:06

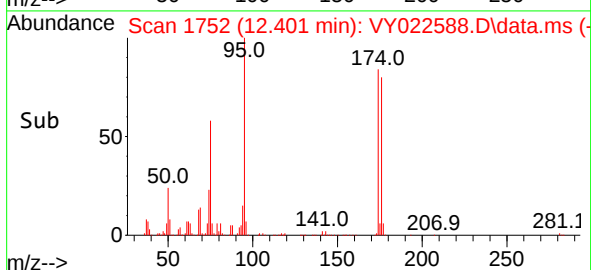
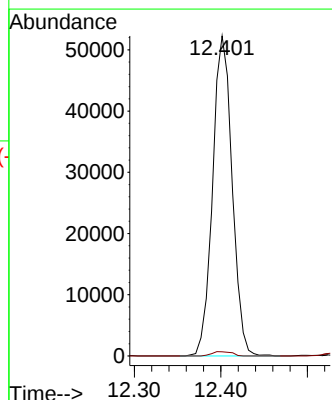
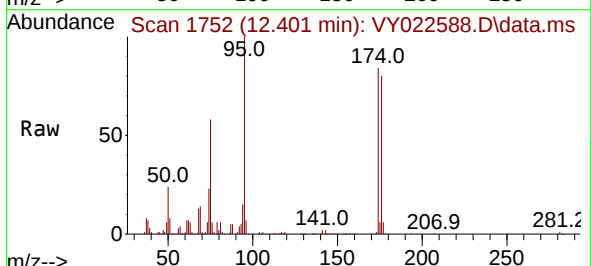
Instrument :
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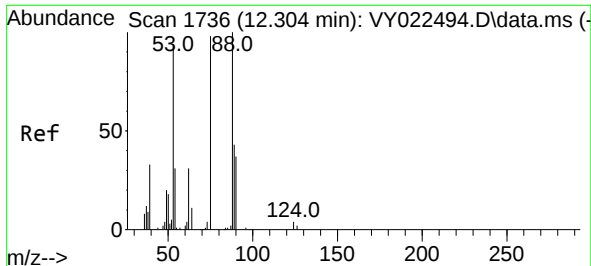
Tgt Ion:152 Resp: 131159
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.9 86.7
 150 160.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 54.536 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.153 min
 Lab File: VY022588.D
 Acq: 06 Jun 2025 10:06

Tgt Ion: 75 Resp: 81832
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.702 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY022588.D
 Acq: 06 Jun 2025 10:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

Tgt Ion: 75 Resp: 81832
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.1 35.7 53.5#

