

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023322.D
 Acq On : 10 Sep 2025 09:39
 Operator : SY/MD
 Sample : VY0910SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBL01

Quant Time: Sep 11 03:46:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

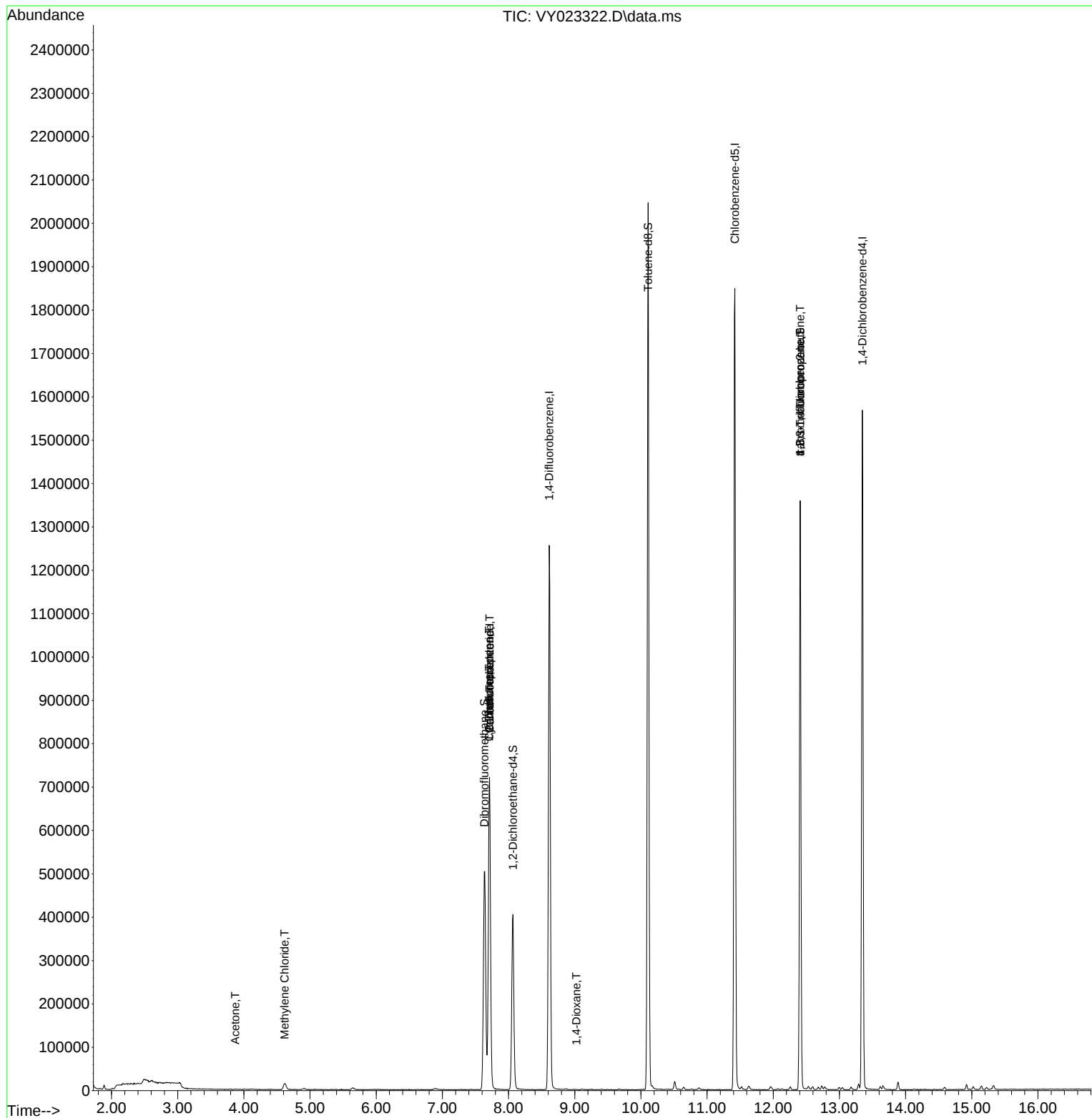
Internal Standards						
1) Pentafluorobenzene	7.713	168	583431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1118169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1034716	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	415042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	313926	61.234	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.460%	
35) Dibromofluoromethane	7.634	113	367281	53.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.480%	
50) Toluene-d8	10.109	98	1335188	51.733	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.407	95	400984	49.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.740%	
Target Compounds						Qvalue
16) Acetone	3.872	43	1244	1.065	ug/l #	79
20) Methylene Chloride	4.616	84	10845	1.736	ug/l	93
31) Cyclohexane	7.707	56	10901	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	41191	4.231	ug/l #	50
38) Carbon Tetrachloride	7.713	117	55561	4.960	ug/l #	17
49) 1,4-Dioxane	9.024	88	50	1.184	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	198899	47.322	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	198899	129.052	ug/l #	14

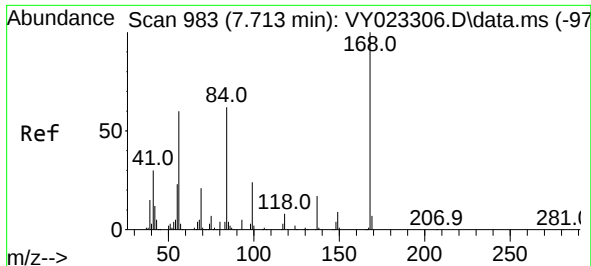
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBL01

Quant Time: Sep 11 03:46:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
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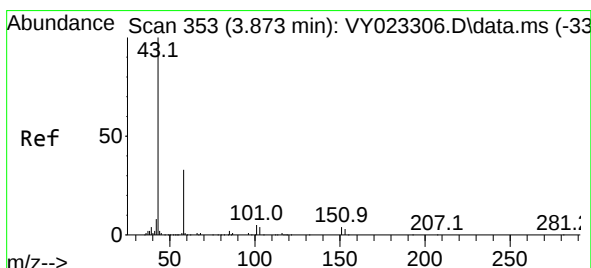
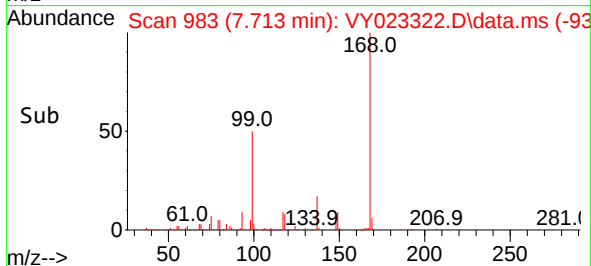
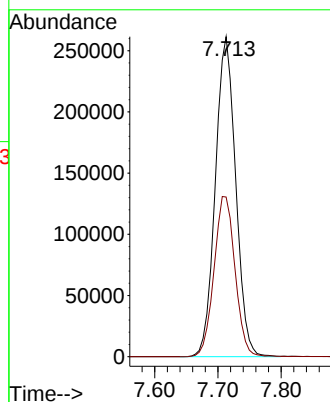
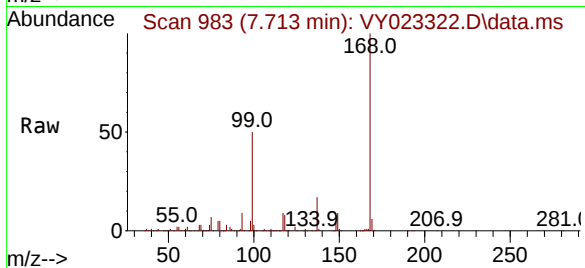




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

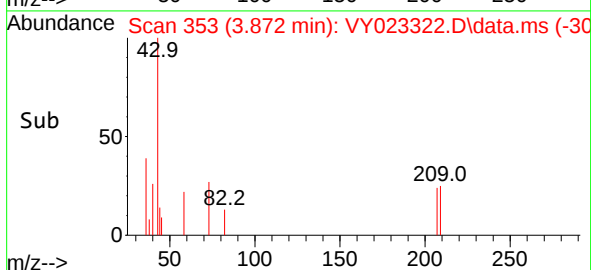
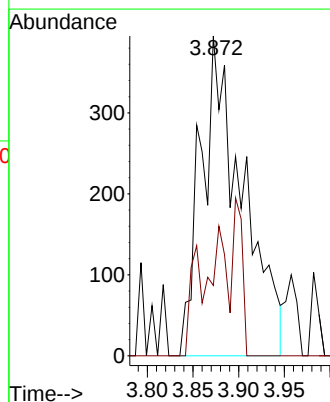
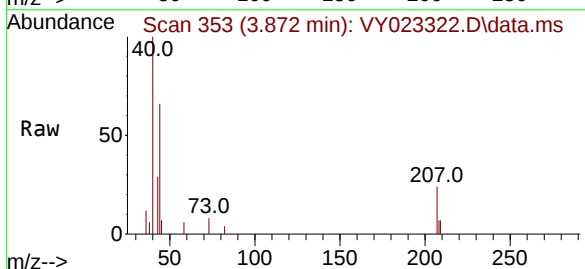
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBL01

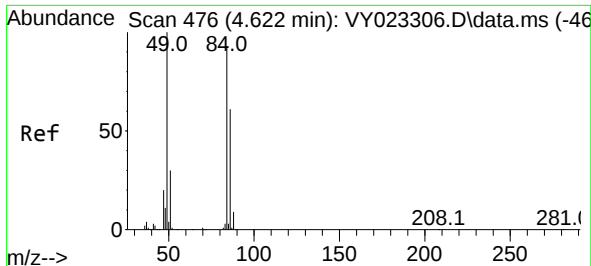
Tgt Ion:168 Resp: 583431
Ion Ratio Lower Upper
168 100
99 49.9 42.8 64.2



#16
Acetone
Concen: 1.065 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 22.0 27.1 40.7#

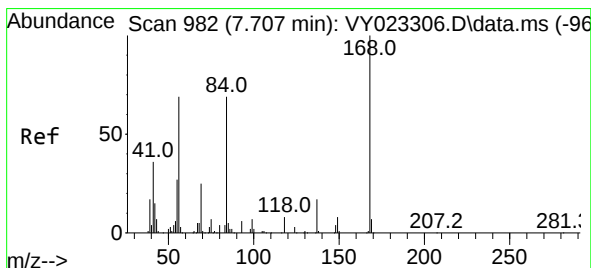
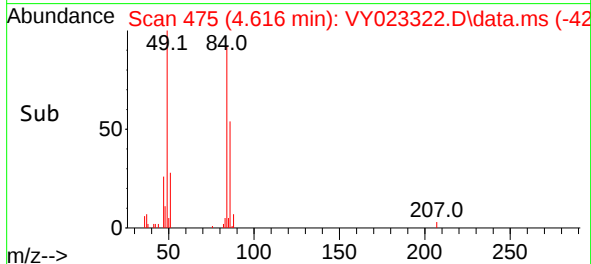
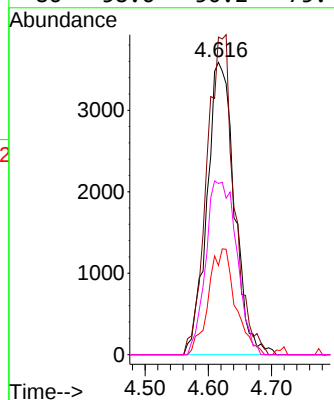
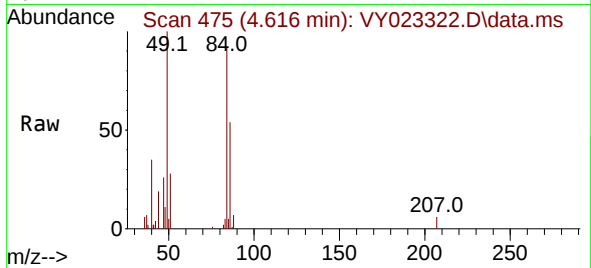




#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

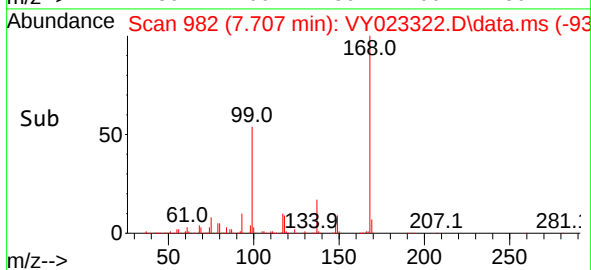
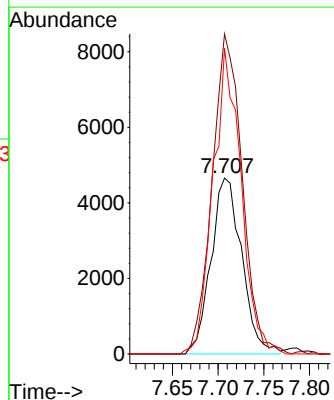
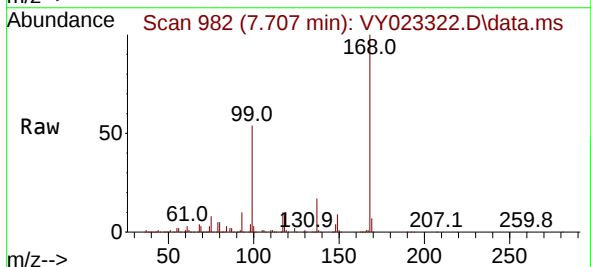
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBL01

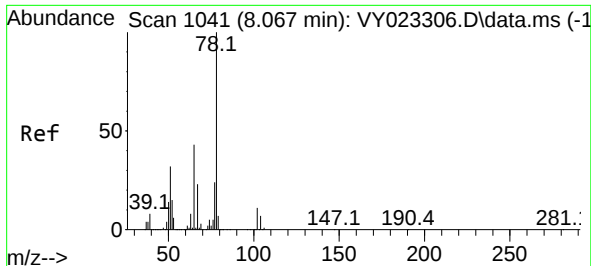
Tgt Ion:	84	Resp:	10845
Ion	Ratio	Lower	Upper
84	100		
49	108.6	93.0	139.6
51	30.5	29.0	43.4
86	58.6	50.2	75.4



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Tgt Ion:	56	Resp:	10901
Ion	Ratio	Lower	Upper
56	100		
69	182.0	28.2	42.2#
84	174.0	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 61.234 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

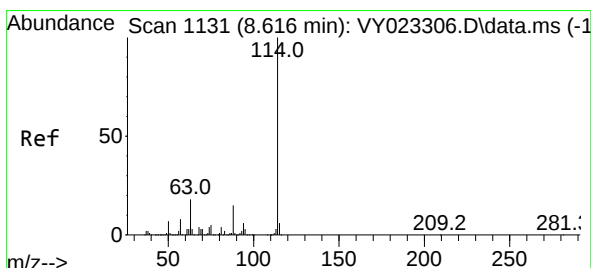
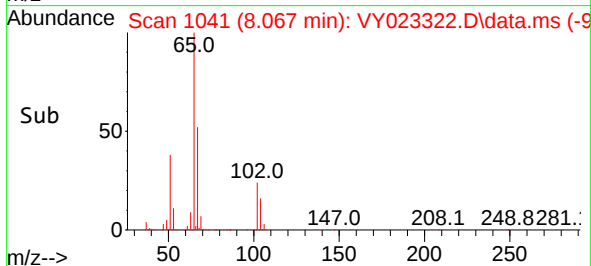
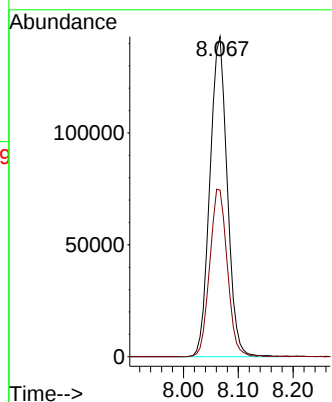
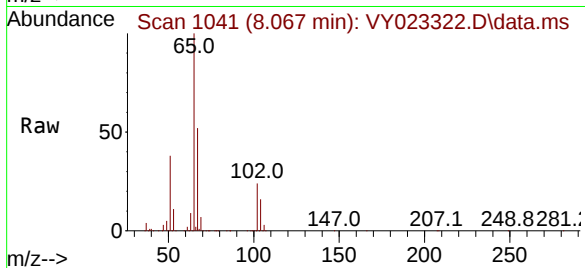
VY0910SBL01

Tgt Ion: 65 Resp: 313926

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

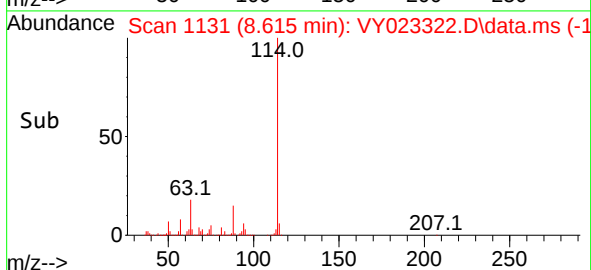
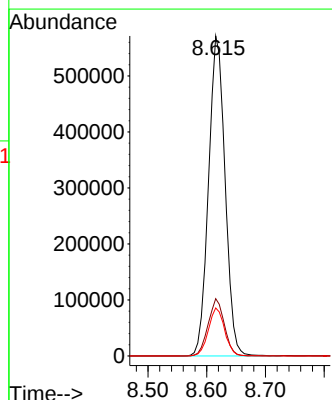
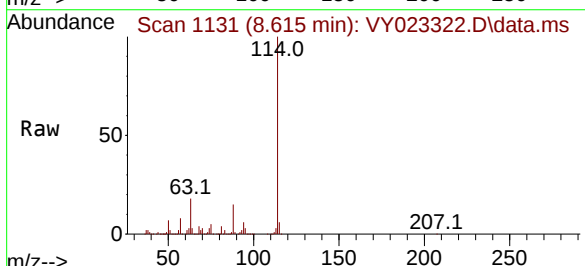
Tgt Ion: 114 Resp: 1118169

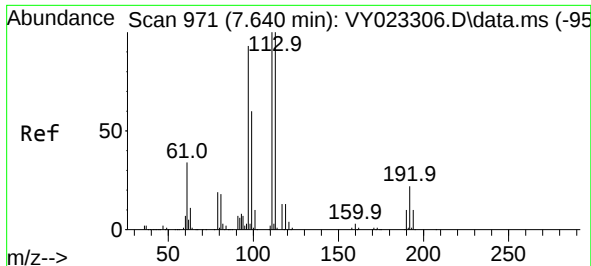
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 15.0 0.0 30.0

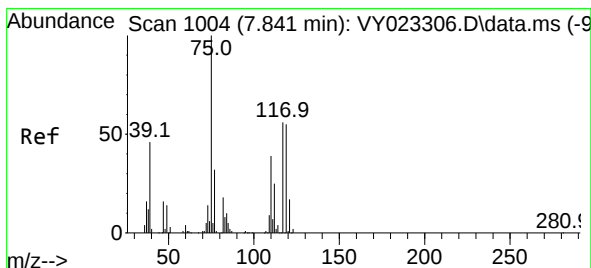
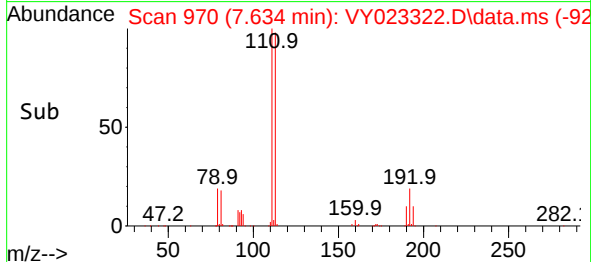
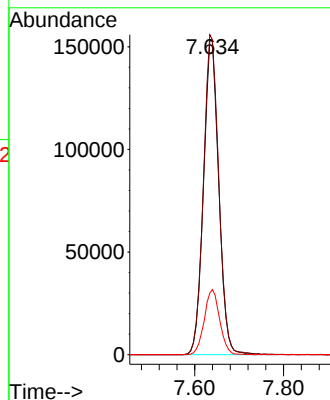
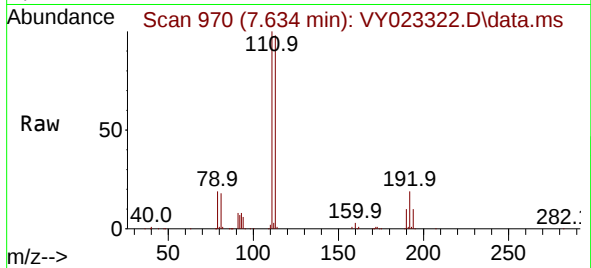




#35
Dibromofluoromethane
Concen: 53.735 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

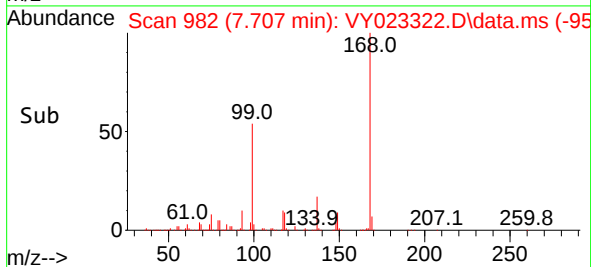
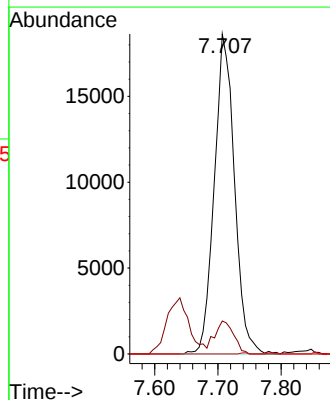
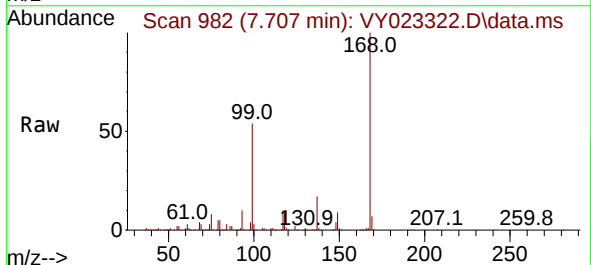
Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBL01

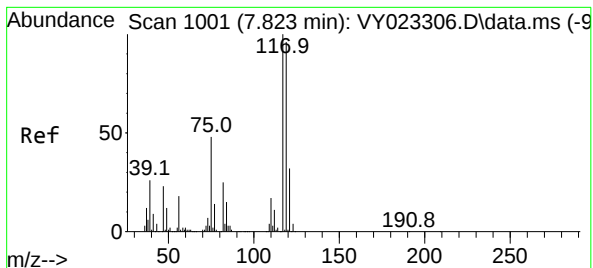
Tgt Ion:113 Resp: 367281
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 20.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.231 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Tgt Ion: 75 Resp: 41191
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.960 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBL01

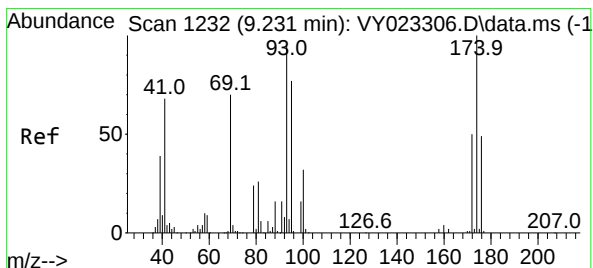
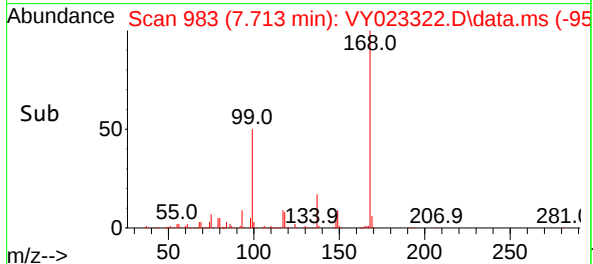
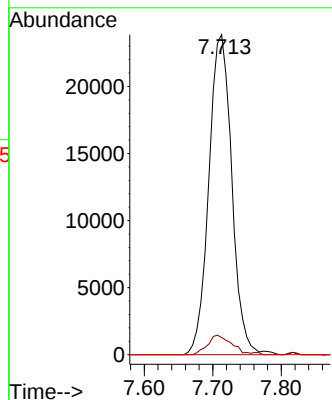
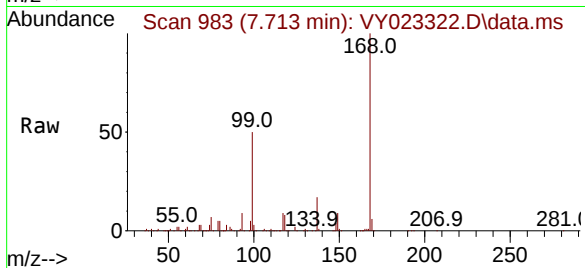
Tgt Ion:117 Resp: 55561

Ion Ratio Lower Upper

117 100

119 5.4 75.6 113.4#

121 0.0 25.8 38.8#



#49

1,4-Dioxane

Concen: 1.184 ug/l

RT: 9.024 min Scan# 1198

Delta R.T. -0.201 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

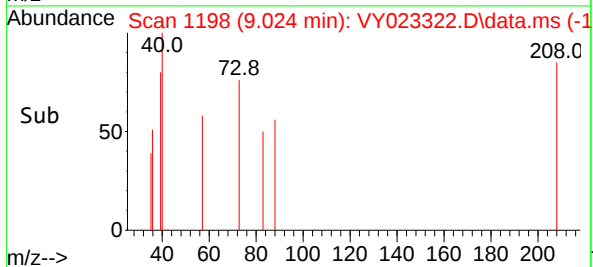
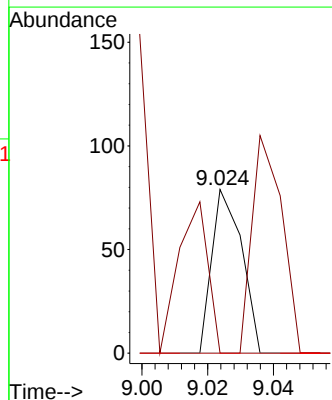
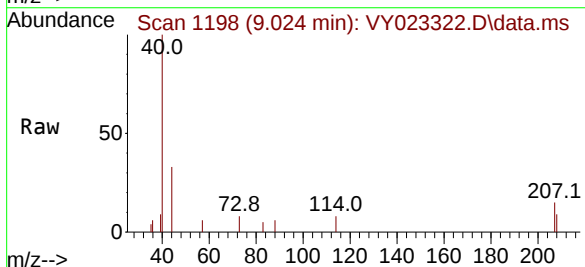
Tgt Ion: 88 Resp: 50

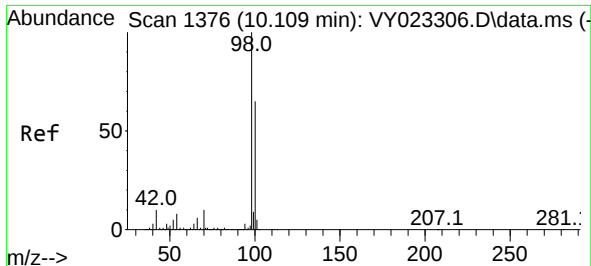
Ion Ratio Lower Upper

88 100

43 132.0 24.3 36.5#

58 0.0 55.4 83.0#

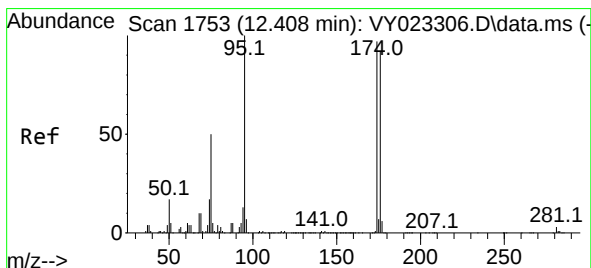
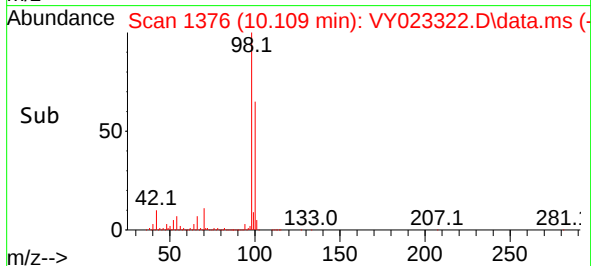
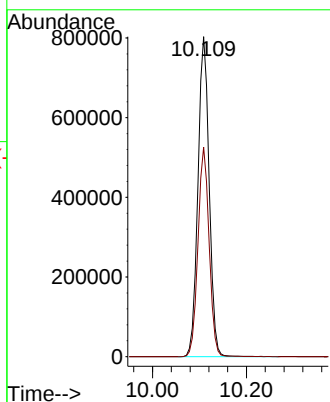
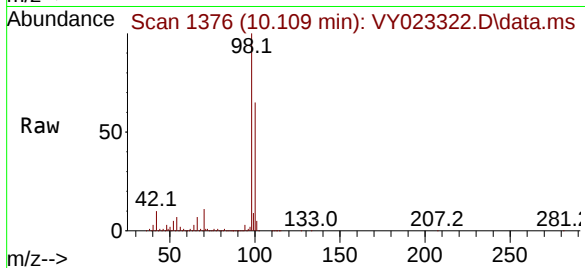




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

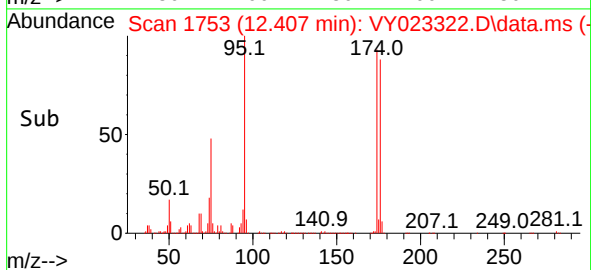
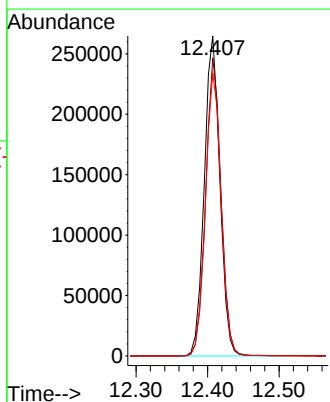
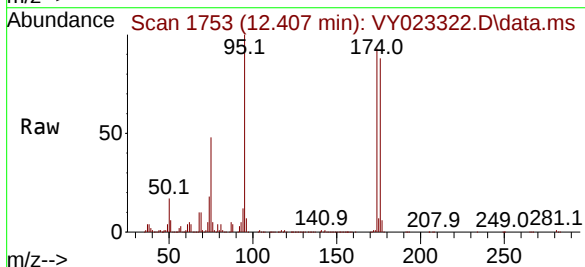
Instrument :
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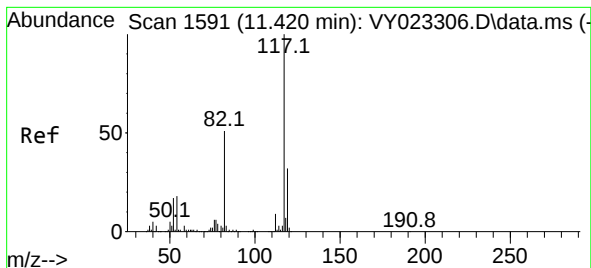
Tgt Ion: 98 Resp: 1335188
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.369 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Tgt Ion: 95 Resp: 400984
Ion Ratio Lower Upper
95 100
174 92.6 0.0 171.6
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0910SBL01

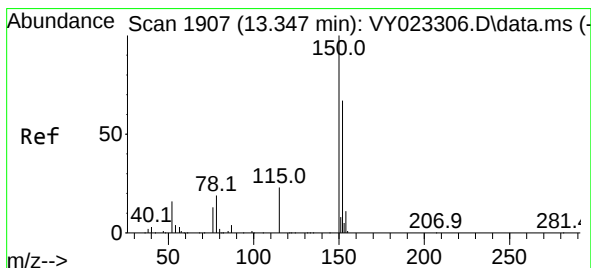
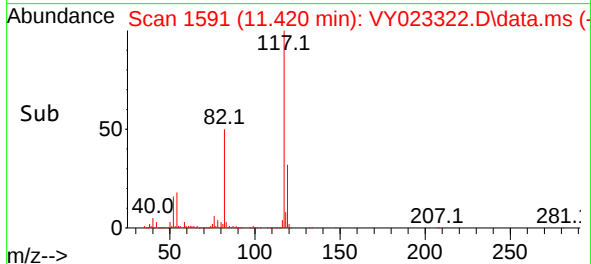
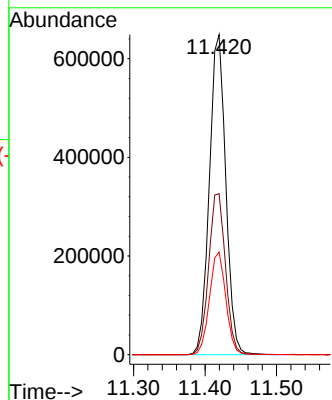
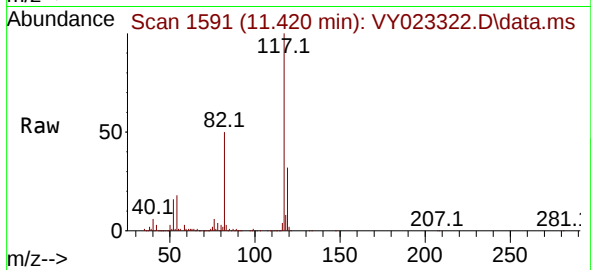
Tgt Ion:117 Resp: 1034716

Ion Ratio Lower Upper

117 100

82 50.3 43.4 65.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023322.D

Acq: 10 Sep 2025 09:39

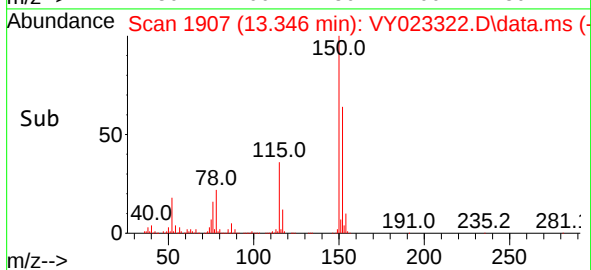
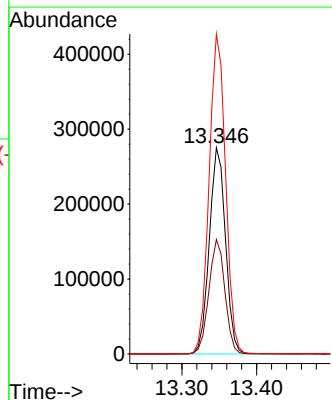
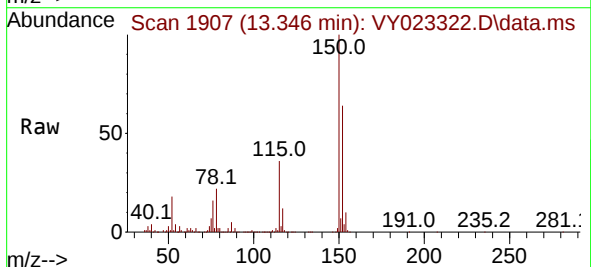
Tgt Ion:152 Resp: 415042

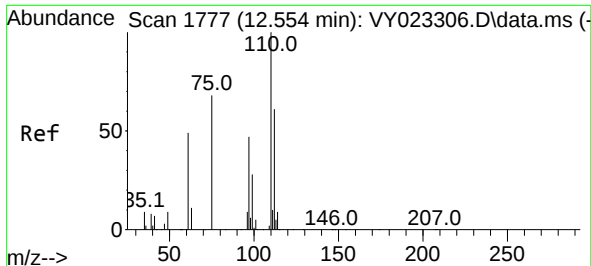
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.6

150 157.3 0.0 348.0

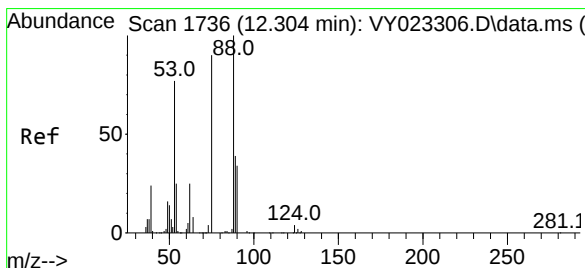
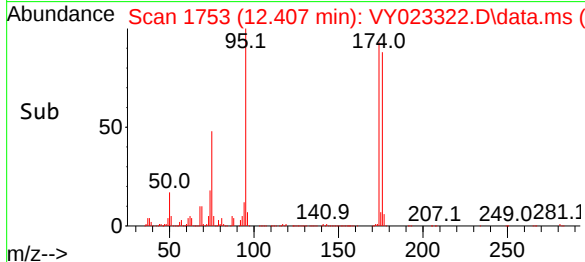
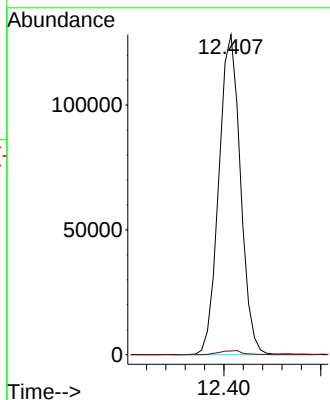
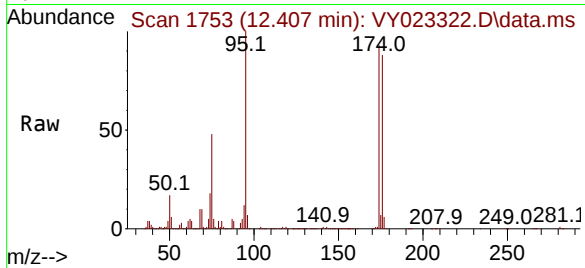




#76
1,2,3-Trichloropropane
Concen: 47.322 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.140 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0910SBL01

Tgt Ion: 75 Resp: 198899
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.052 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.109 min
Lab File: VY023322.D
Acq: 10 Sep 2025 09:39

Tgt Ion: 75 Resp: 198899
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.1 38.1 57.1#

