

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023364.D
 Acq On : 25 Sep 2025 10:39
 Operator : SY/MD
 Sample : VY0925SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:21:43 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)

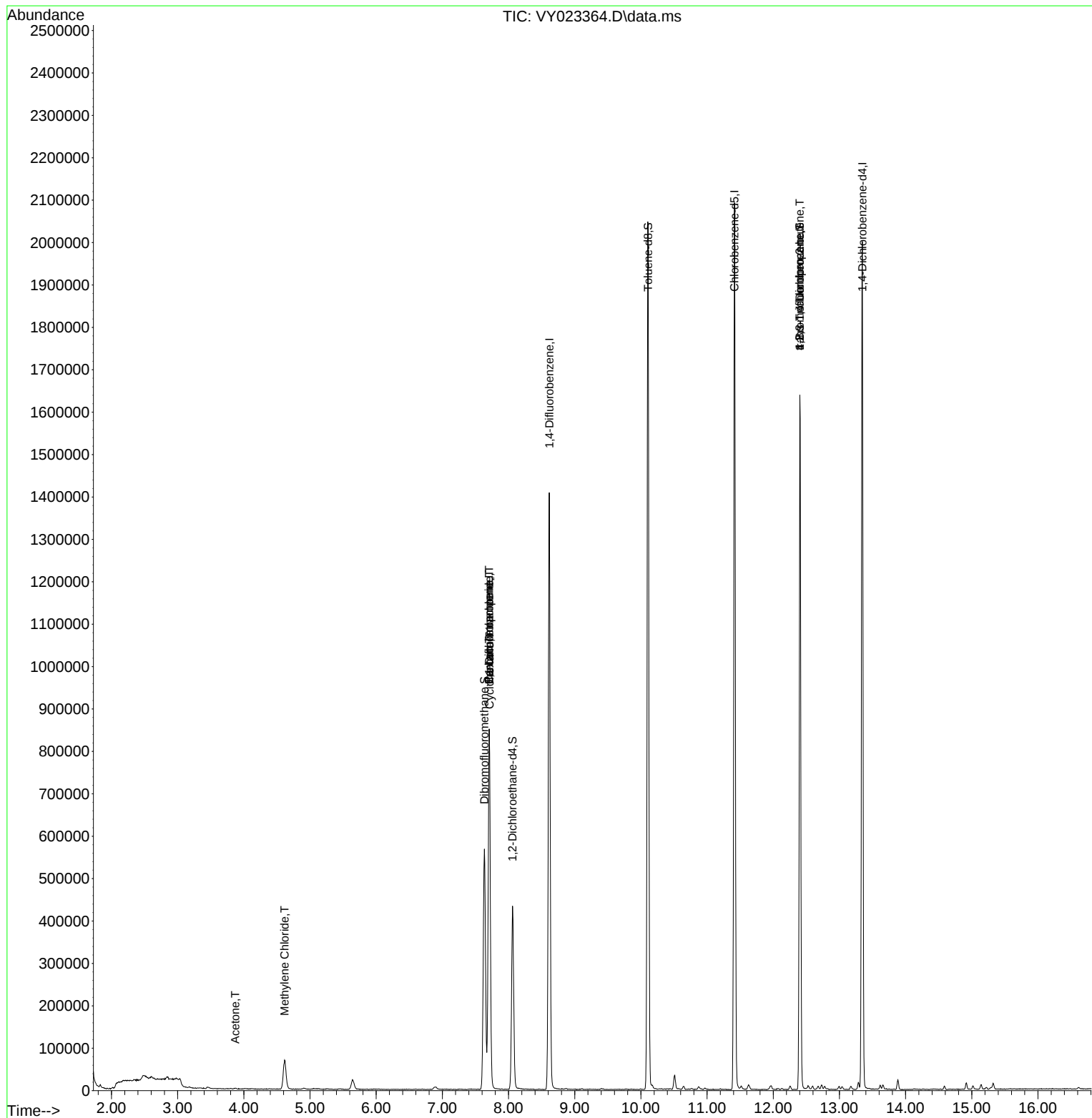
Internal Standards						
1) Pentafluorobenzene	7.707	168	701667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1240929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1153810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	541851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333209	54.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.080%	
35) Dibromofluoromethane	7.634	113	404156	53.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.560%	
50) Toluene-d8	10.109	98	1403336	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.402	95	492534	54.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	2426	1.727	ug/l	92
20) Methylene Chloride	4.616	84	53529	7.124	ug/l	94
31) Cyclohexane	7.713	56	12321	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	47282	4.376	ug/l #	50
38) Carbon Tetrachloride	7.707	117	63038	5.071	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	241955	44.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	241955	120.248	ug/l #	14

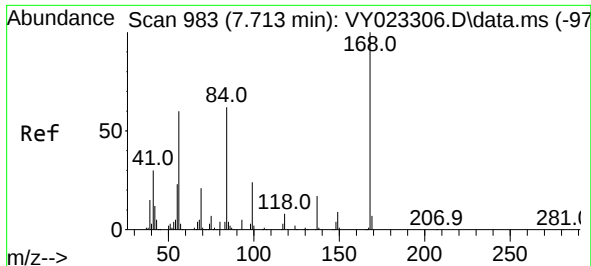
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 26 04:21:43 2025
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Quant Title : SW846 8260
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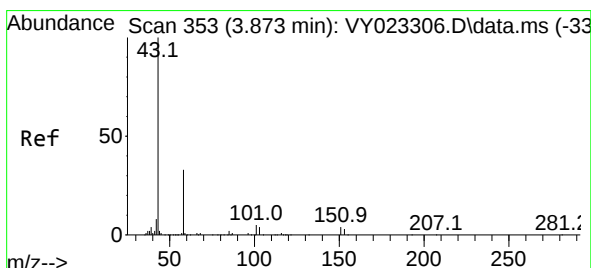
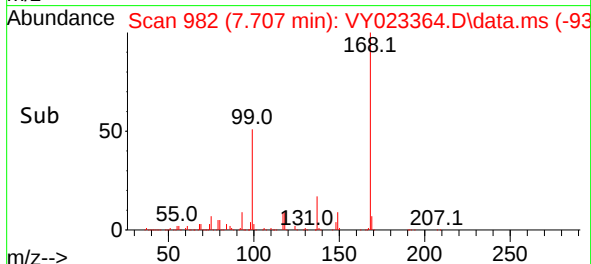
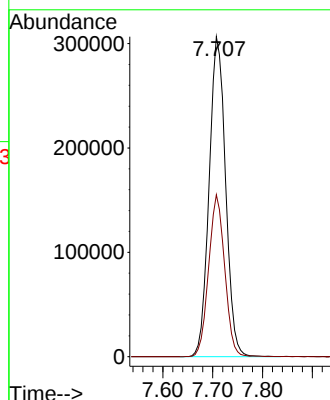
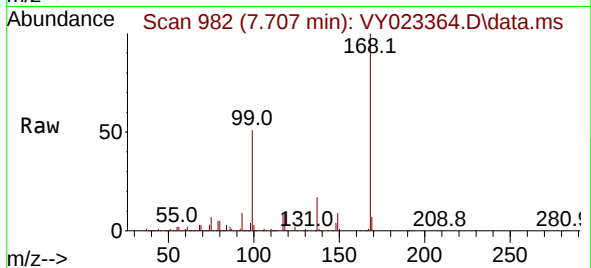




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

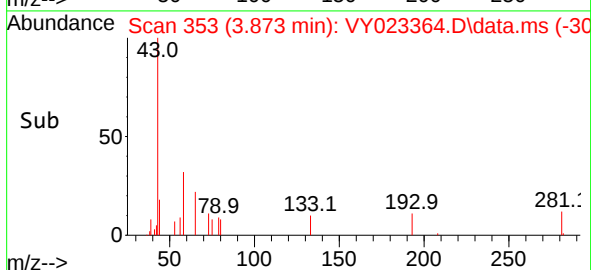
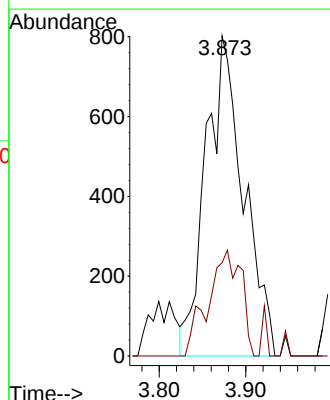
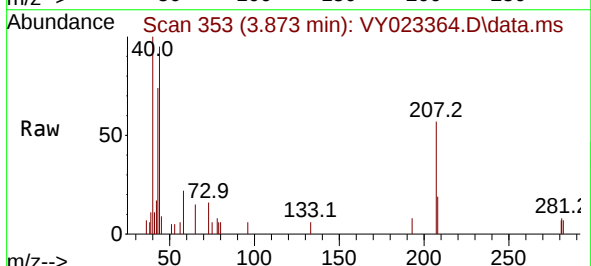
Instrument :
MSVOA_Y
ClientSampleId :

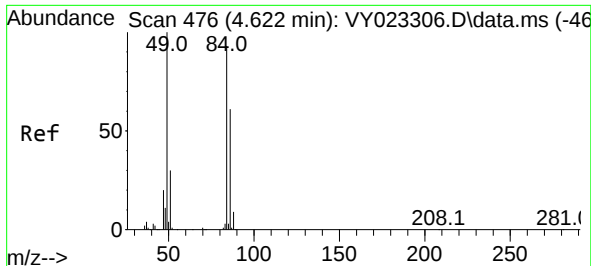
Tgt Ion:168 Resp: 701667
Ion Ratio Lower Upper
168 100
99 50.6 42.8 64.2



#16
Acetone
Concen: 1.727 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 29.2 27.1 40.7





#20

Methylene Chloride

Concen: 7.124 ug/l

RT: 4.616 min Scan# 41

Delta R.T. 0.012 min

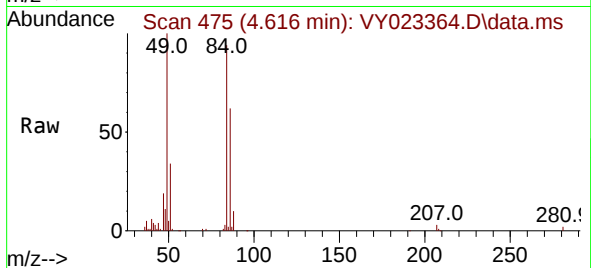
Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 53529

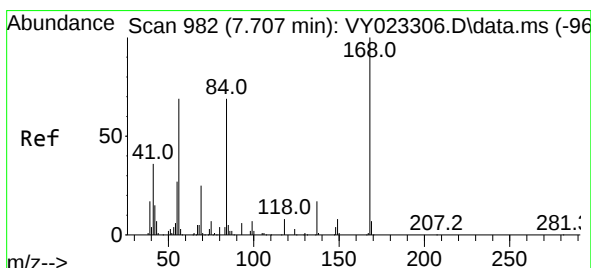
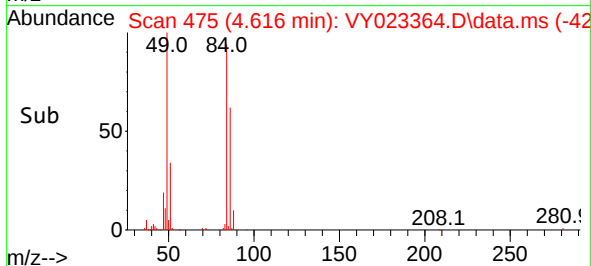
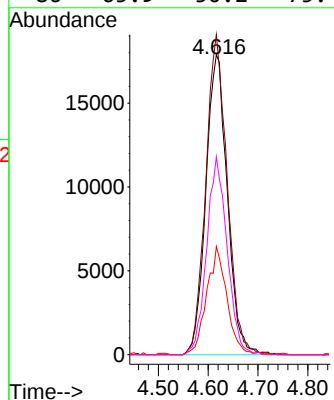
Ion Ratio Lower Upper

84 100

49 106.7 93.0 139.6

51 36.1 29.0 43.4

86 65.9 50.2 75.4



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.018 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

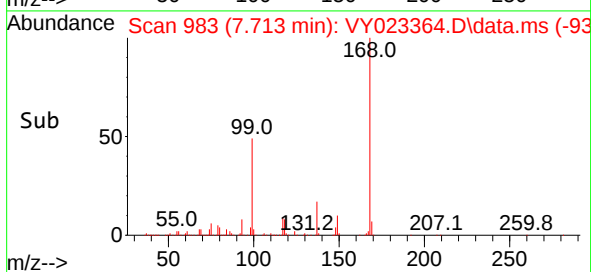
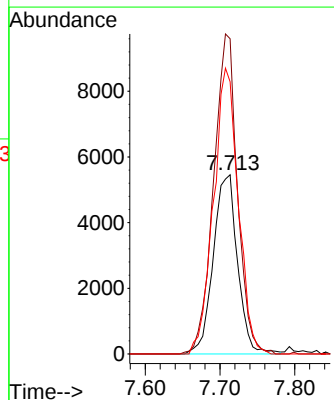
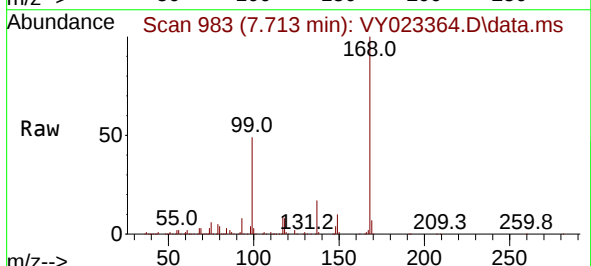
Tgt Ion: 56 Resp: 12321

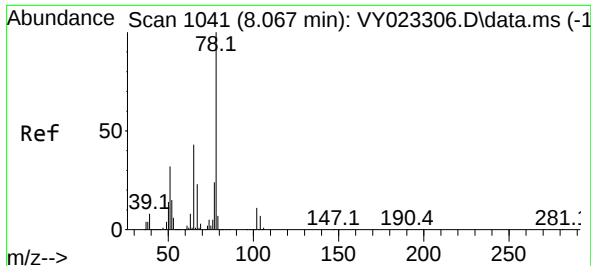
Ion Ratio Lower Upper

56 100

69 175.8 28.2 42.2#

84 151.8 76.6 114.8#





#33

1,2-Dichloroethane-d4

Concen: 54.043 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

Instrument :

MSVOA_Y

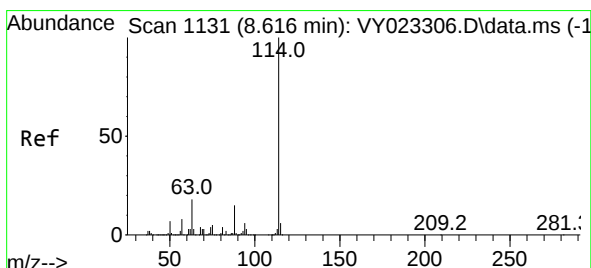
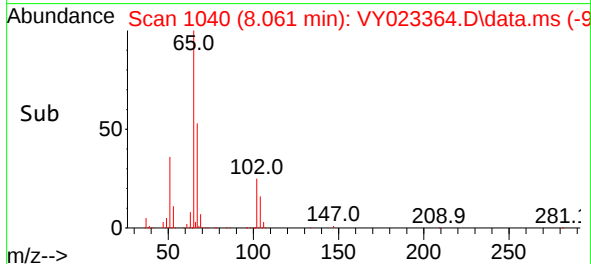
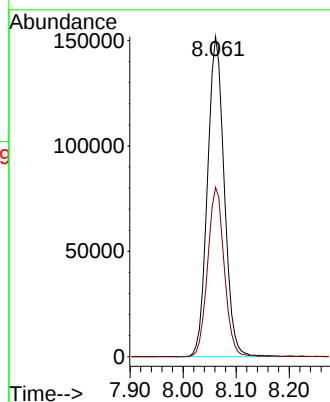
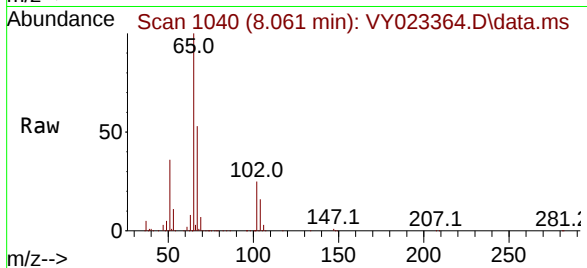
ClientSampleId :

Tgt Ion: 65 Resp: 333209

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

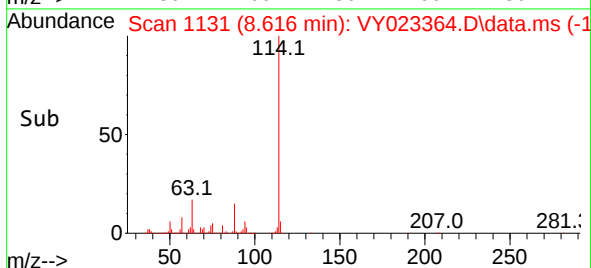
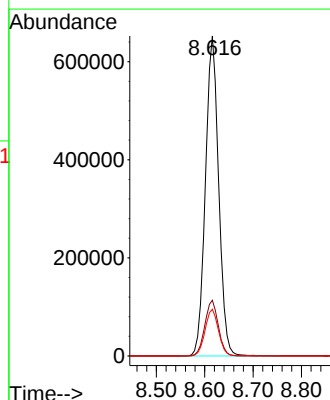
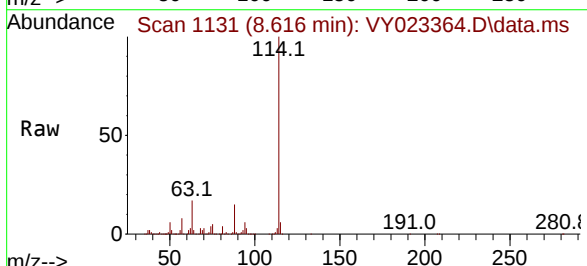
Tgt Ion: 114 Resp: 1240929

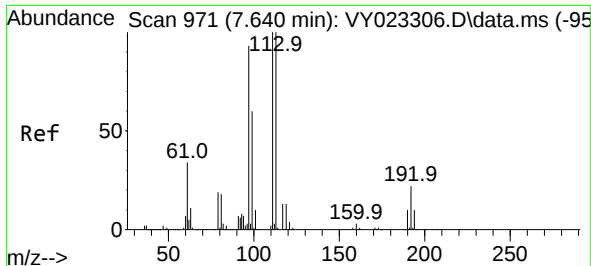
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.4

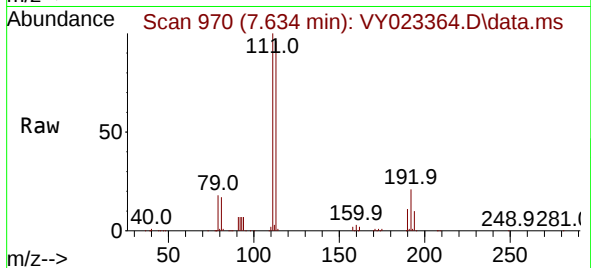
88 14.6 0.0 30.0



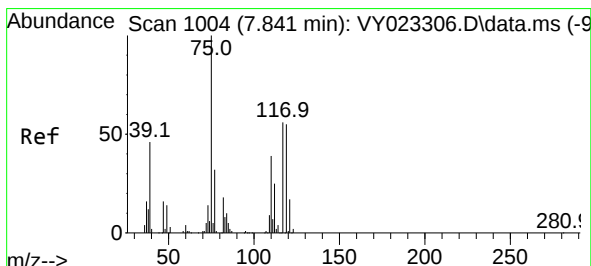
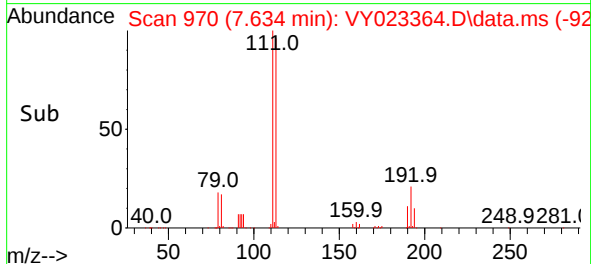
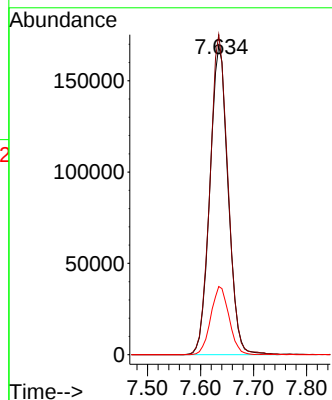


#35
Dibromofluoromethane
Concen: 53.281 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :

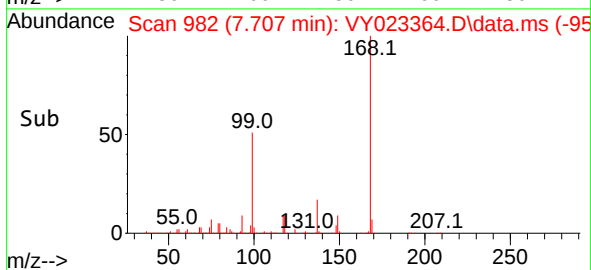
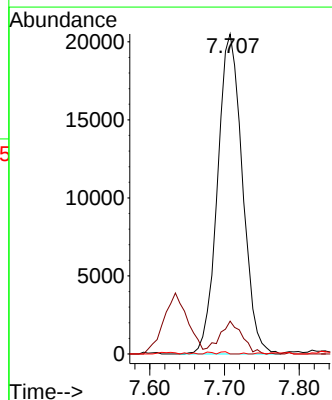
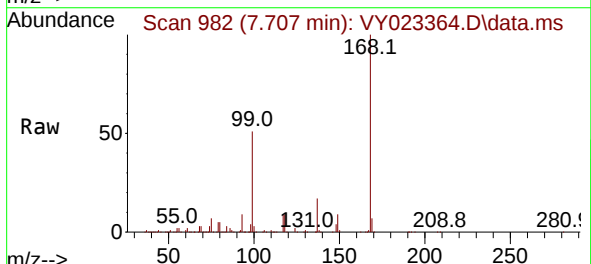


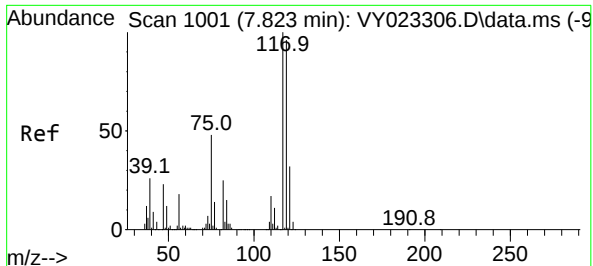
Tgt Ion:113 Resp: 404156
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 22.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

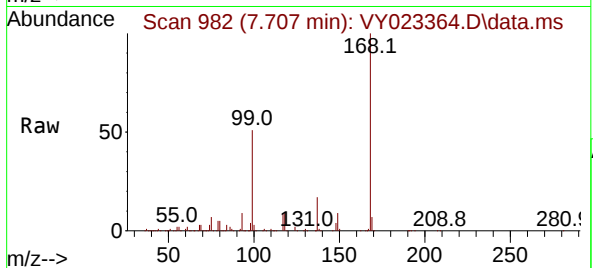
Tgt Ion: 75 Resp: 47282
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.2 24.6 37.0#



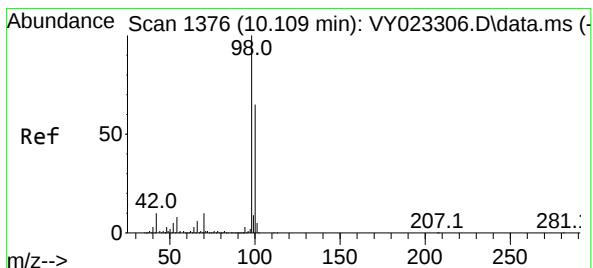
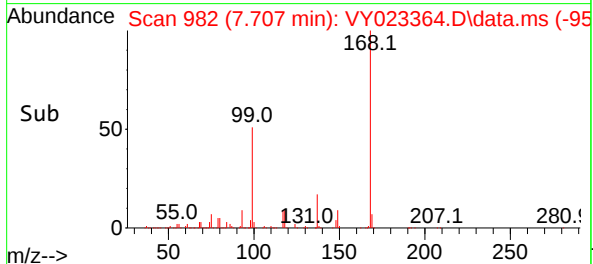
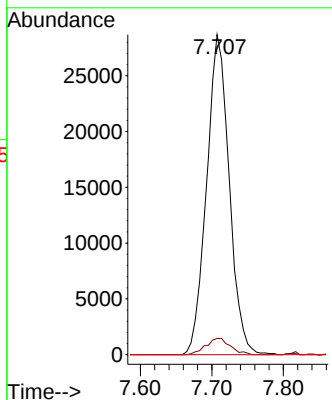


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :

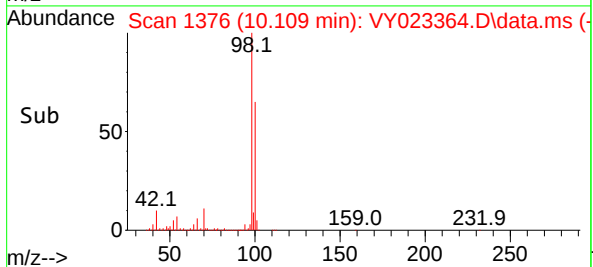
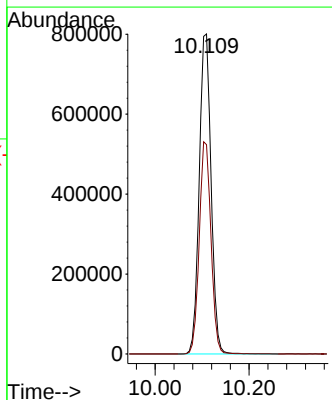
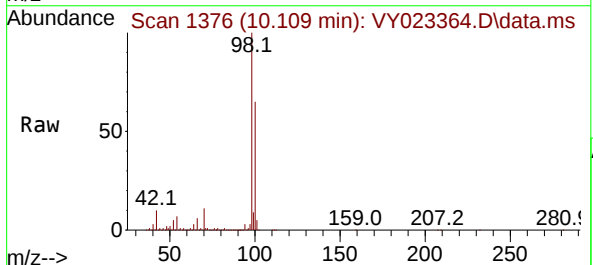


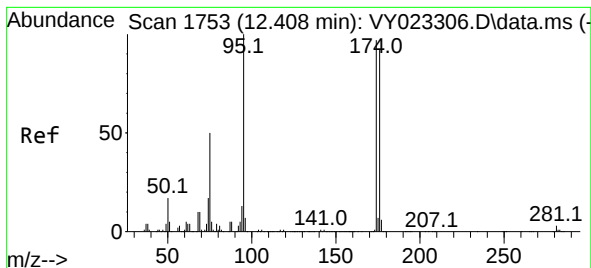
Tgt Ion:117 Resp: 63038
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 98 Resp: 1403336
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

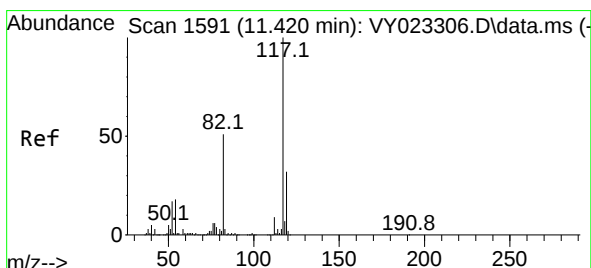
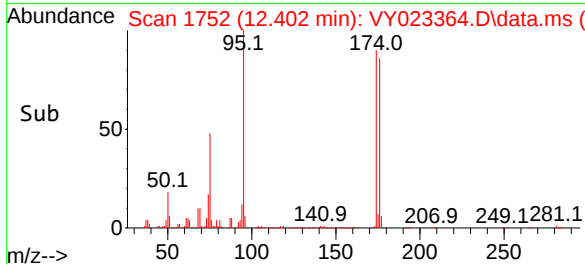
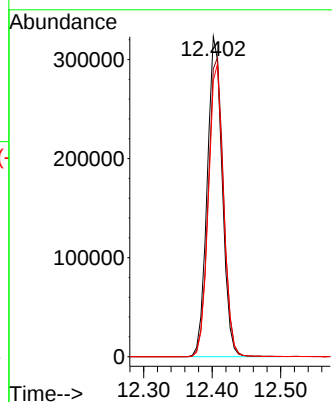
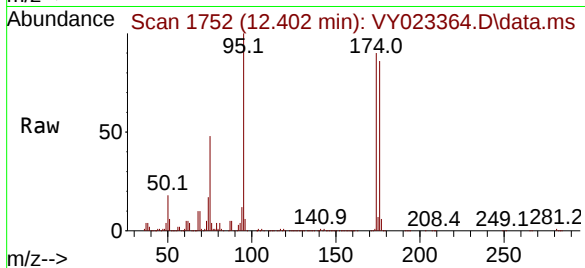




#62
4-Bromofluorobenzene
Concen: 54.642 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

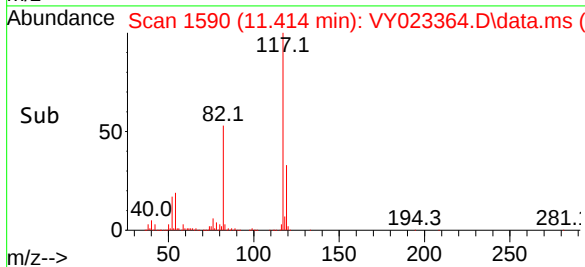
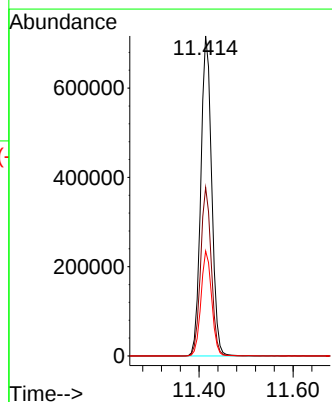
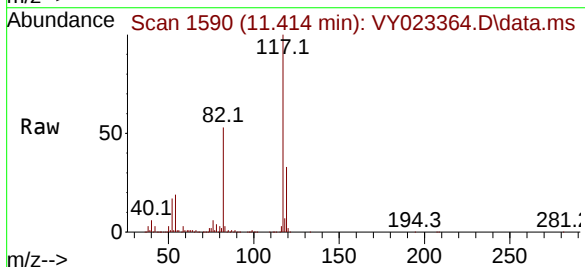
Instrument :
MSVOA_Y
ClientSampleId :

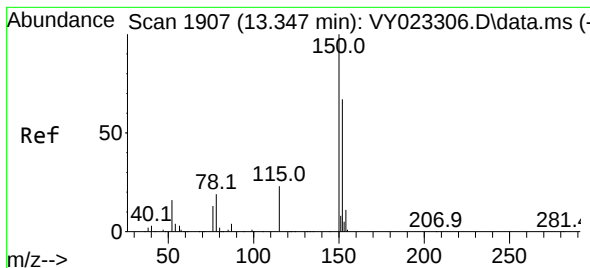
Tgt Ion: 95 Resp: 492534
Ion Ratio Lower Upper
95 100
174 95.3 0.0 171.6
176 91.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 117 Resp: 1153810
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

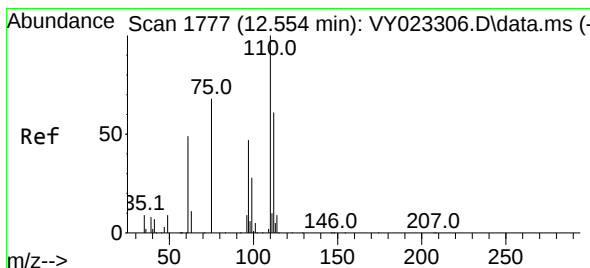
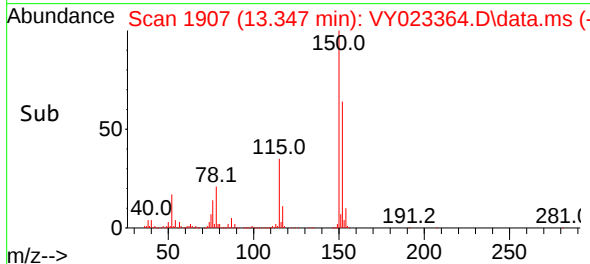
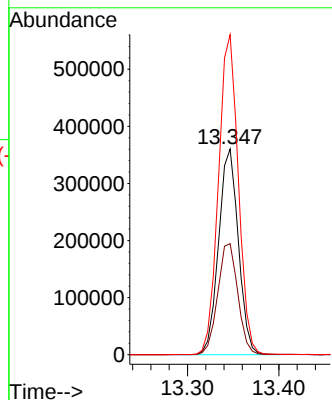
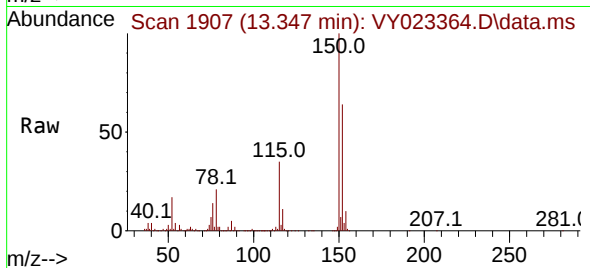
Tgt Ion:152 Resp: 541851

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 155.8 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 44.094 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.146 min

Lab File: VY023364.D

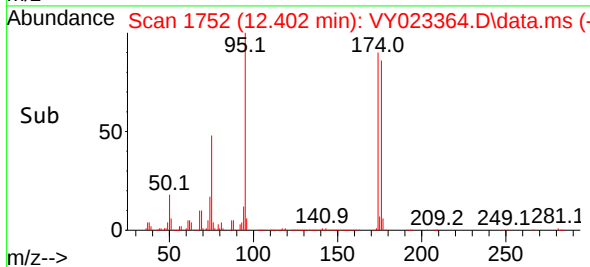
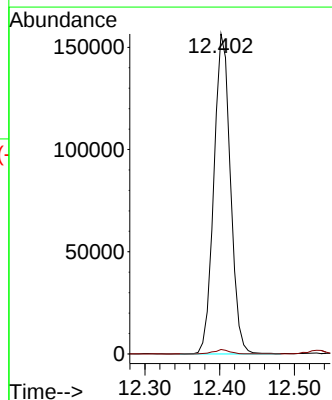
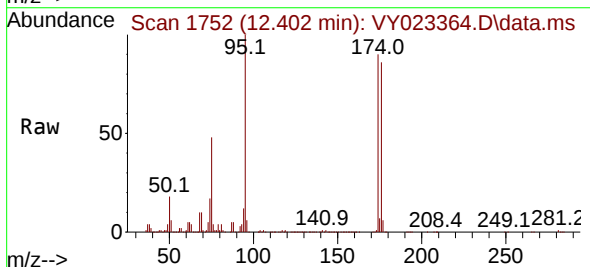
Acq: 25 Sep 2025 10:39

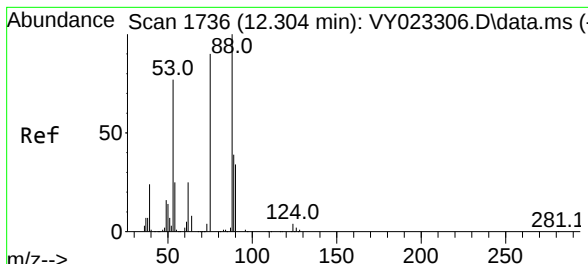
Tgt Ion: 75 Resp: 241955

Ion Ratio Lower Upper

75 100

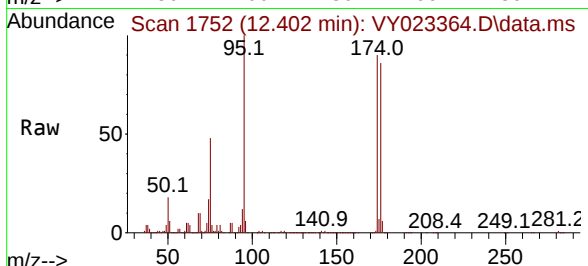
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.248 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023364.D
 Acq: 25 Sep 2025 10:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 241955
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.8 106.2#
 89 0.0 38.1 57.1#

