

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023064.D
 Acq On : 13 Aug 2025 12:58
 Operator : SY/MD
 Sample : Q2830-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-SOUTH-EAST

Quant Time: Aug 14 01:22:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

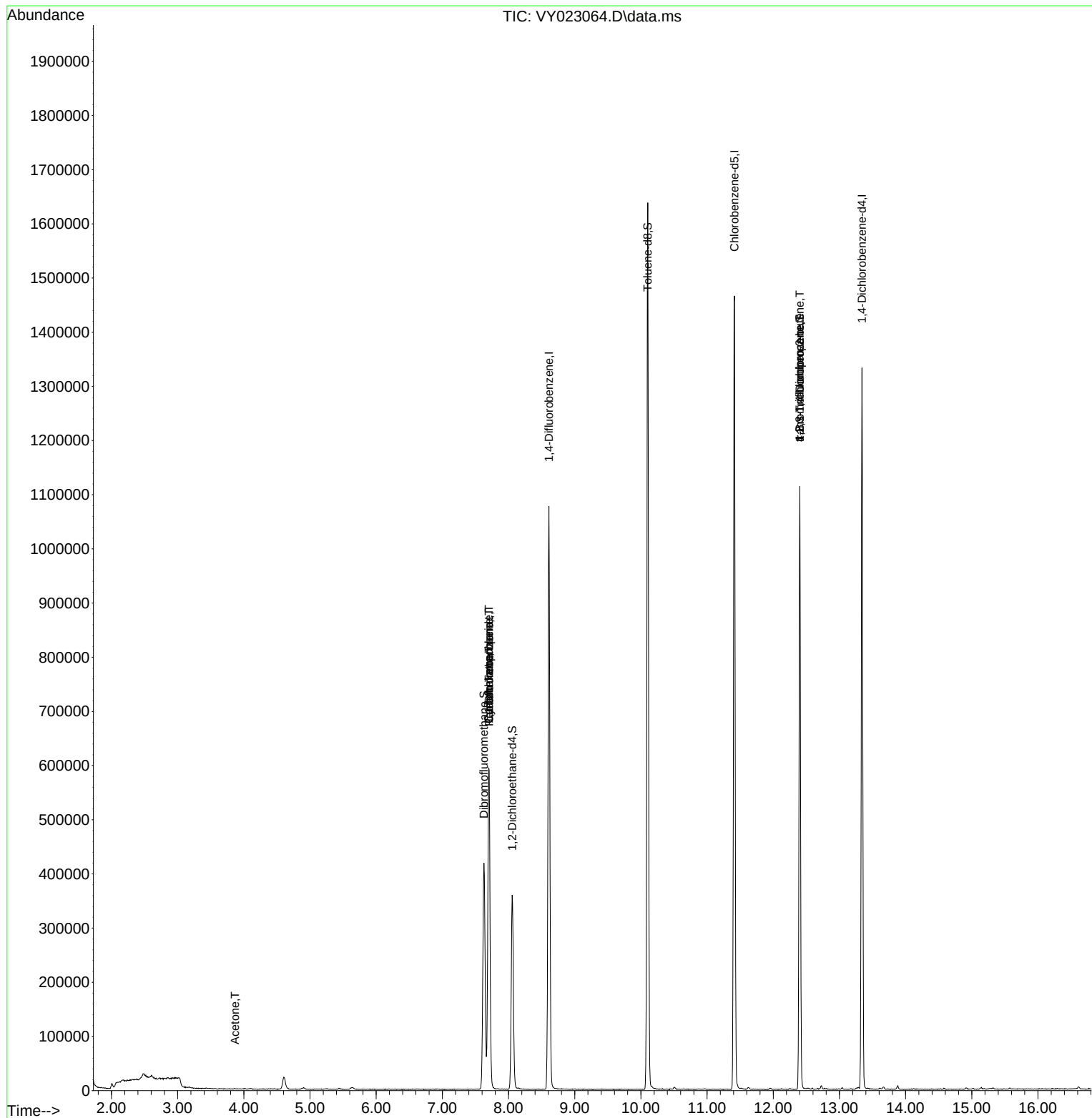
Internal Standards						
1) Pentafluorobenzene	7.707	168	469749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	909628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	793462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	330575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	280907	62.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.480%	
35) Dibromofluoromethane	7.628	113	300690	55.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.103	98	1037428	48.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.401	95	330679	48.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	1006	1.037	ug/l #	65
31) Cyclohexane	7.701	56	9770	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	37069	4.583	ug/l #	50
38) Carbon Tetrachloride	7.701	117	45133	5.137	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	175446	54.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	175446	133.118	ug/l #	14

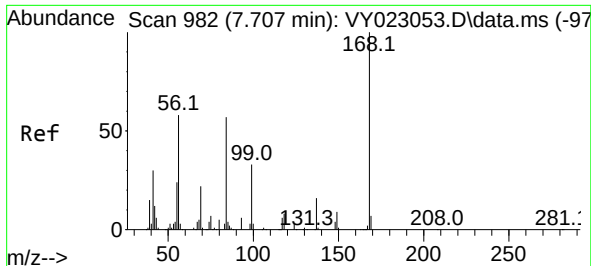
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BIN0009-DRIVEWAY-TP-SOUTH-EAST

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

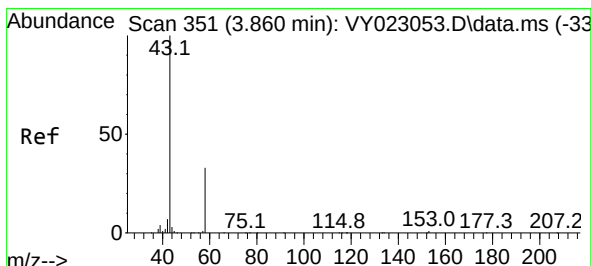
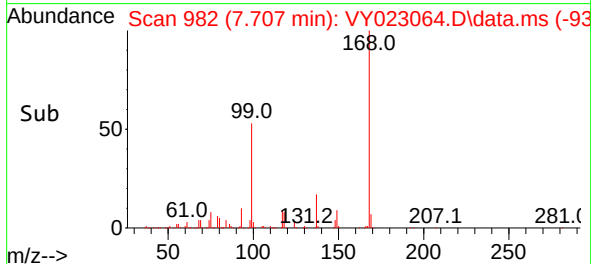
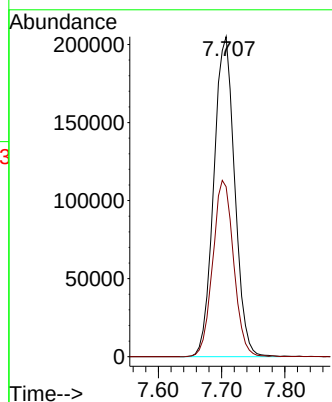
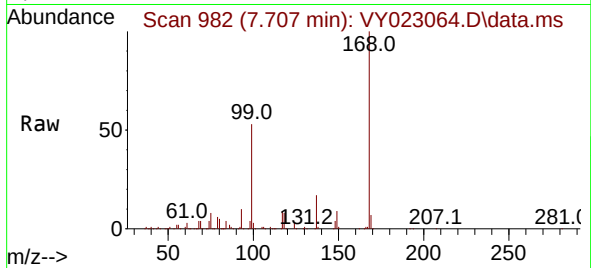




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

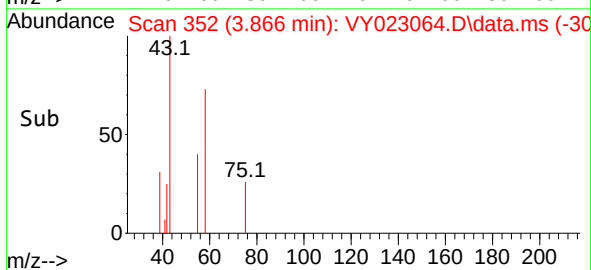
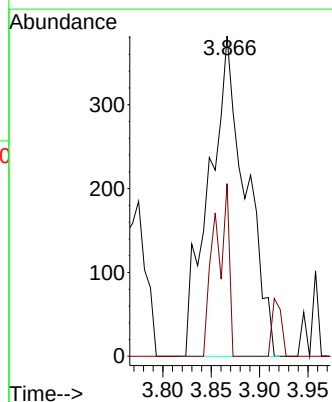
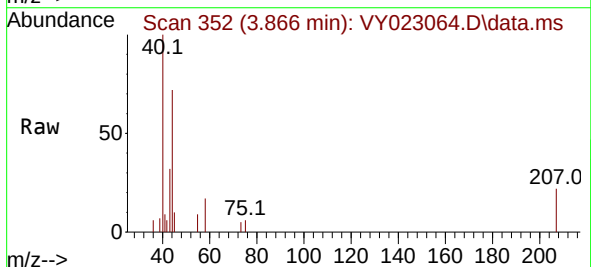
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

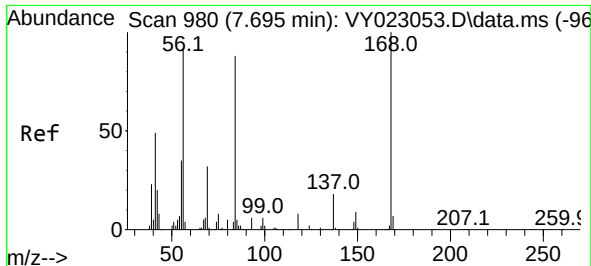
Tgt Ion:168 Resp: 469749
Ion Ratio Lower Upper
168 100
99 53.1 42.8 64.2



#16
Acetone
Concen: 1.037 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 53.9 27.1 40.7#

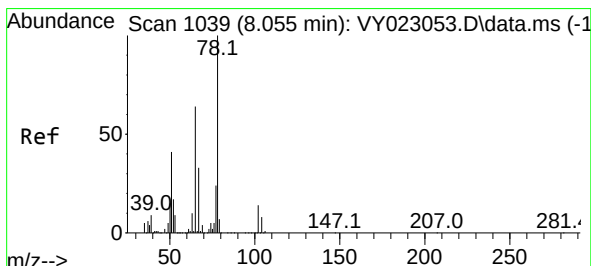
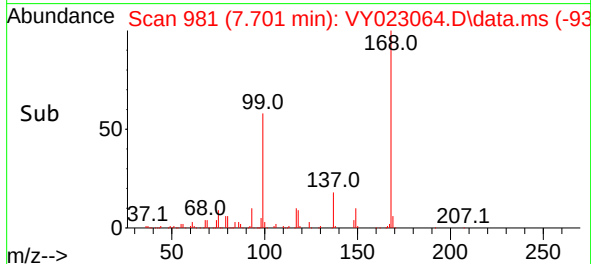
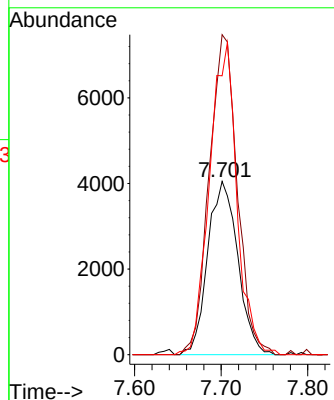
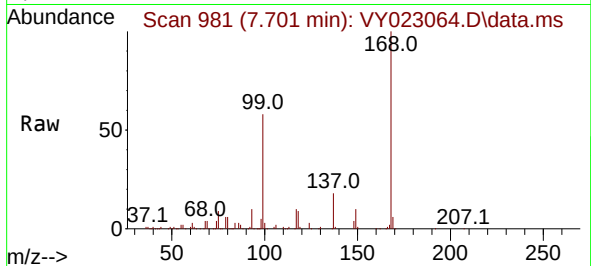




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

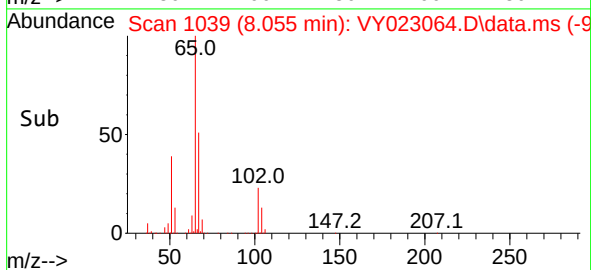
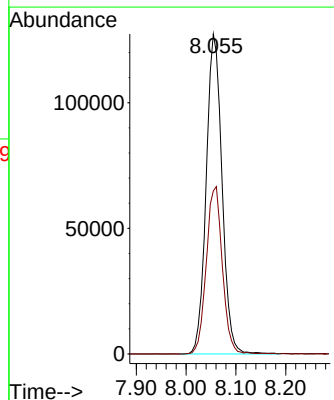
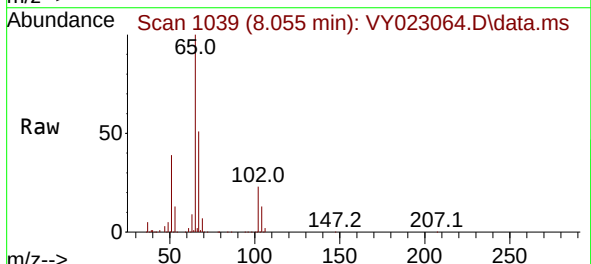
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

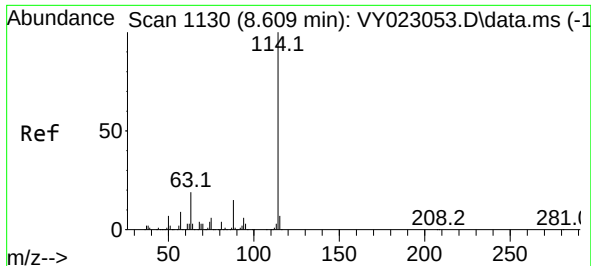
Tgt Ion: 56 Resp: 9770
Ion Ratio Lower Upper
56 100
69 184.7 28.2 42.2#
84 161.0 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 62.744 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Tgt Ion: 65 Resp: 280907
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8

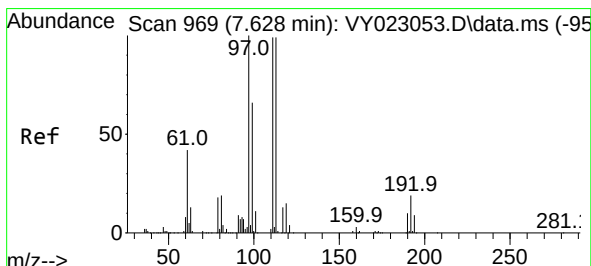
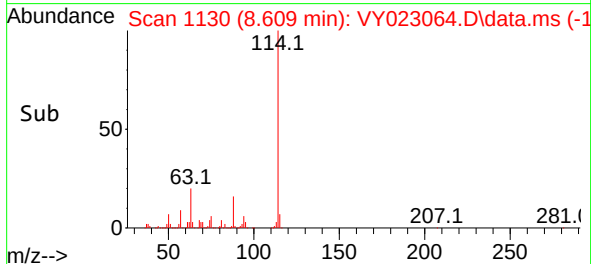
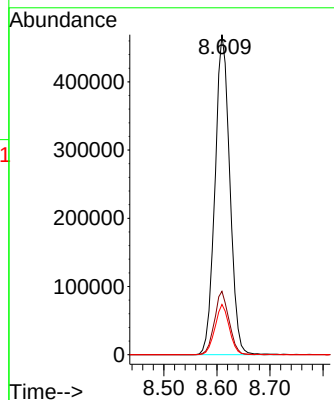
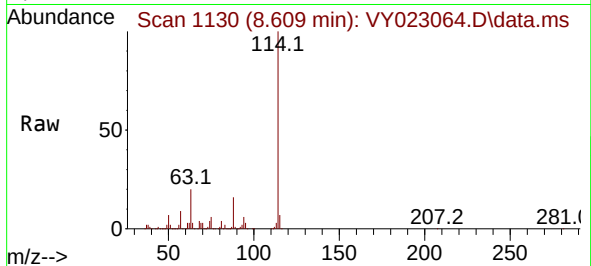




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

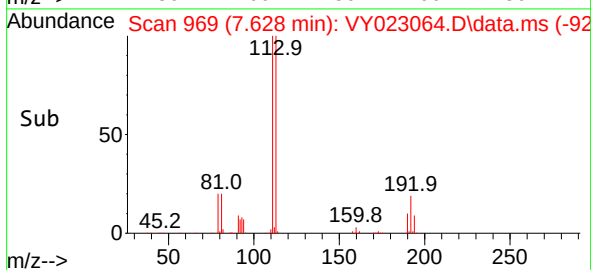
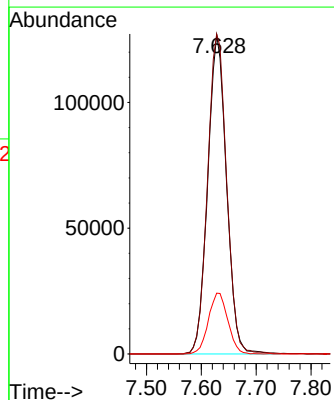
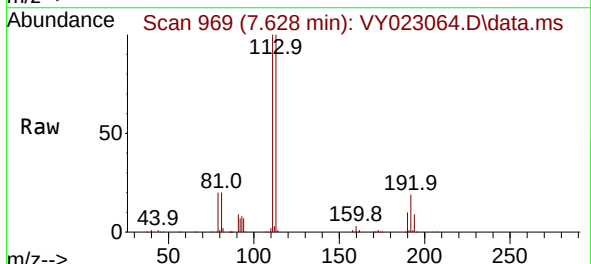
Instrument : MSVOA_Y
ClientSampleId : BIN0009-DRIVEWAY-TP-SOUTH-EAST

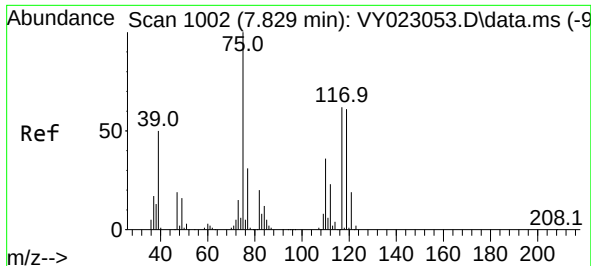
Tgt Ion:114 Resp: 909628
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 55.244 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Tgt Ion:113 Resp: 300690
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 19.8 16.2 24.4

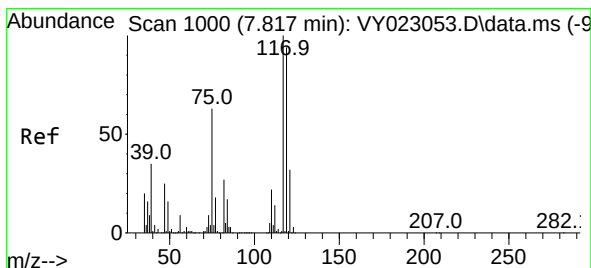
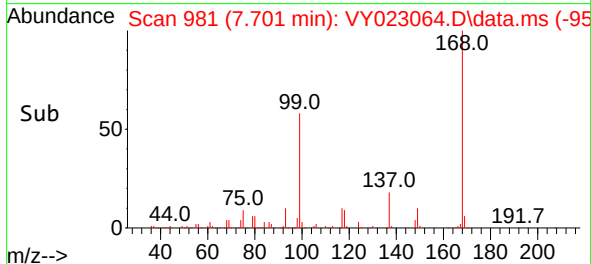
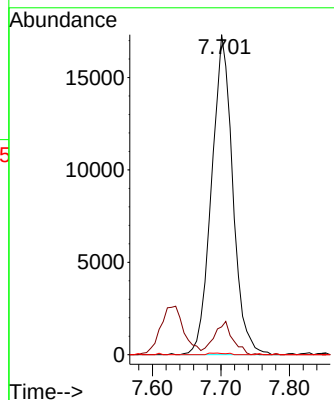
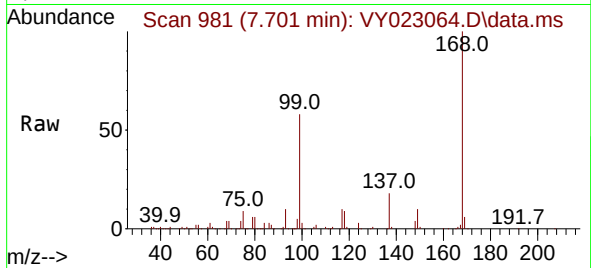




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY023064.D
 Acq: 13 Aug 2025 12:58

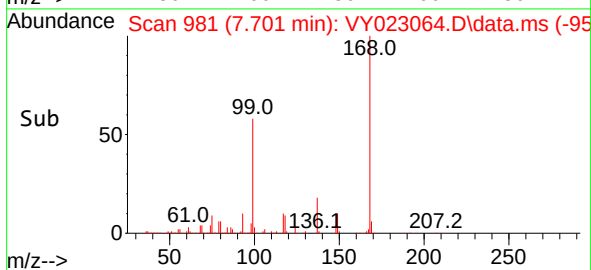
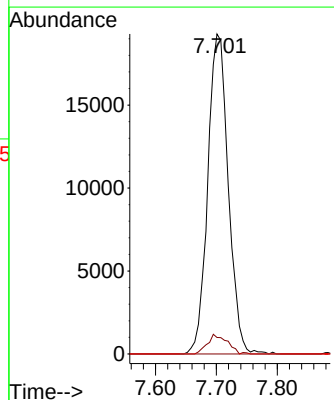
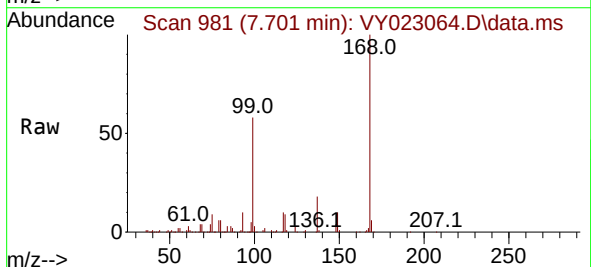
Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-SOUTH-EAST

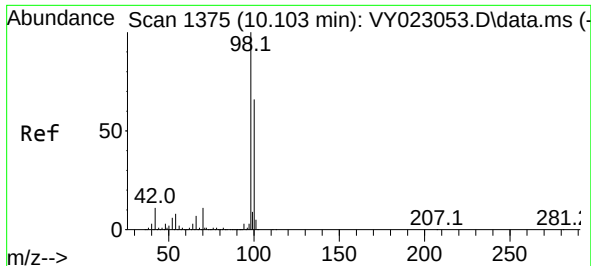
Tgt Ion: 75 Resp: 37069
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.4#
 77 0.4 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.137 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY023064.D
 Acq: 13 Aug 2025 12:58

Tgt Ion: 117 Resp: 45133
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.6 113.4#
 121 0.0 25.8 38.8#

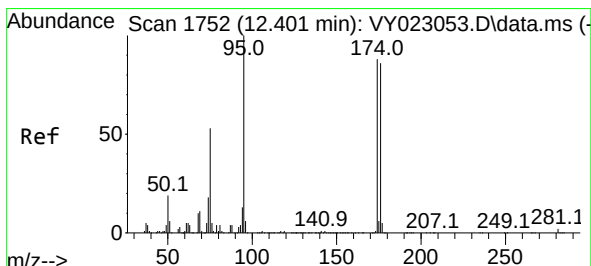
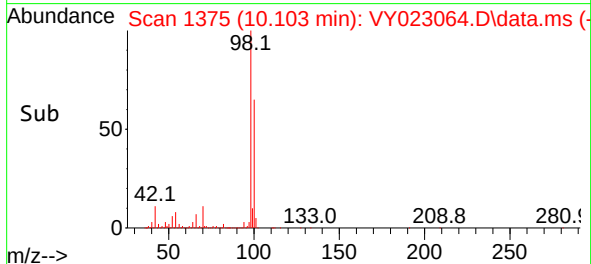
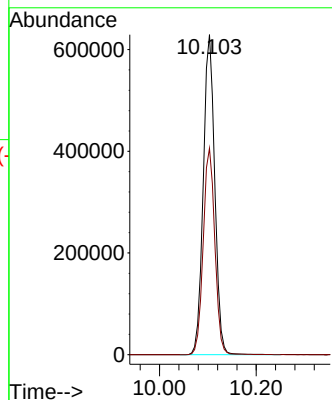
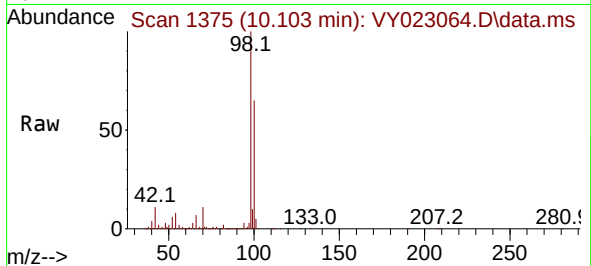




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

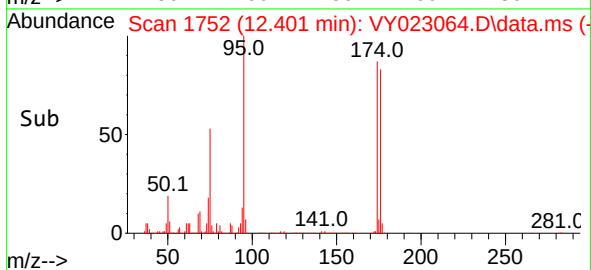
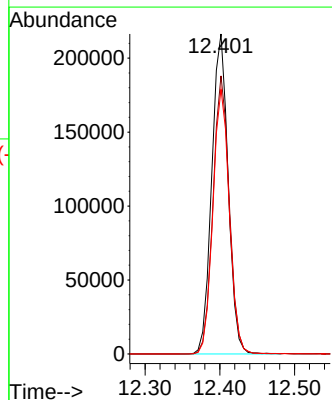
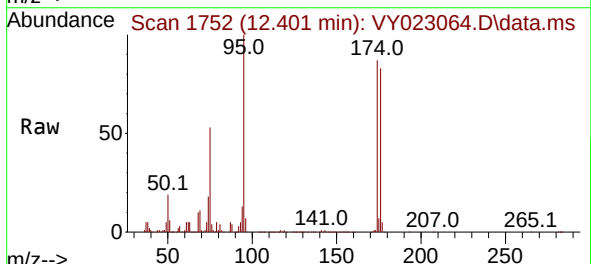
Instrument : MSVOA_Y
ClientSampleId : BIN0009-DRIVEWAY-TP-SOUTH-EAST

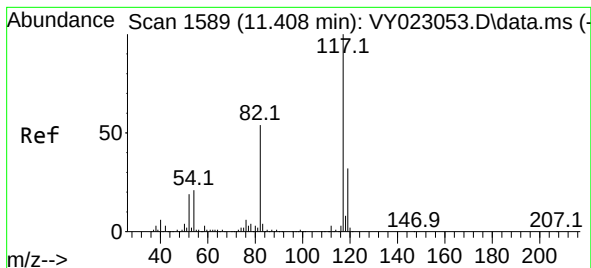
Tgt Ion: 98 Resp: 1037428
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.358 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Tgt Ion: 95 Resp: 330679
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 82.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023064.D

Acq: 13 Aug 2025 12:58

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-SOUTH-EAST

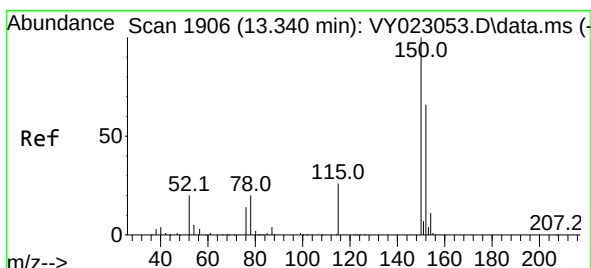
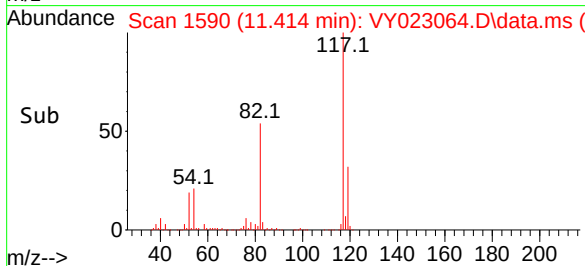
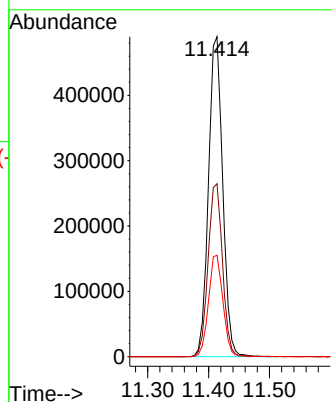
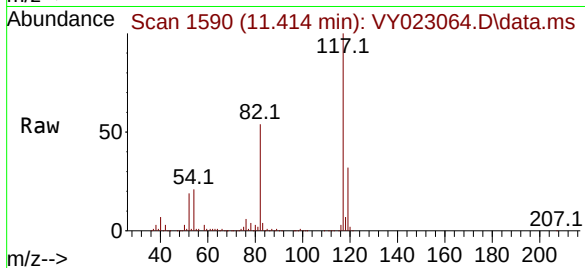
Tgt Ion:117 Resp: 793462

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023064.D

Acq: 13 Aug 2025 12:58

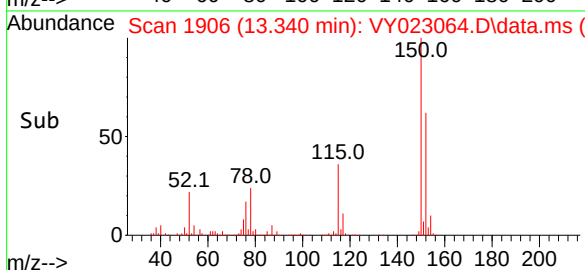
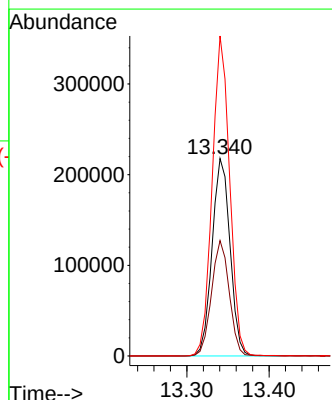
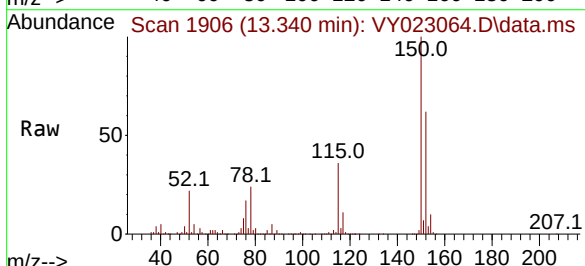
Tgt Ion:152 Resp: 330575

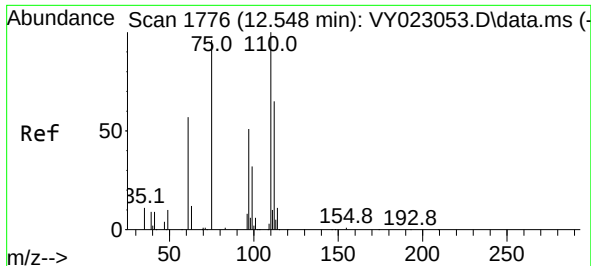
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.6

150 157.5 0.0 348.0

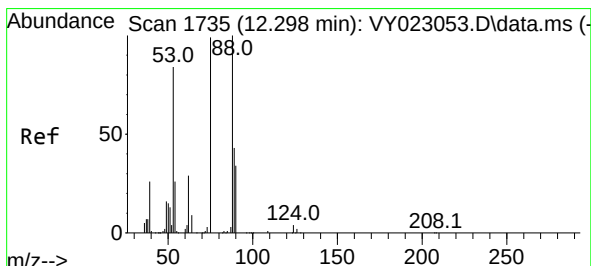
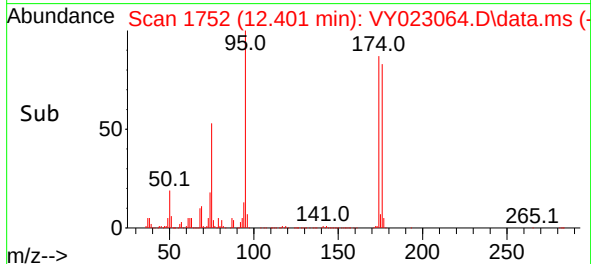
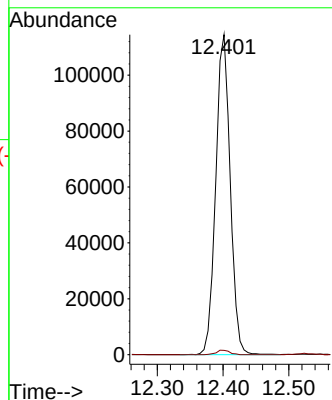
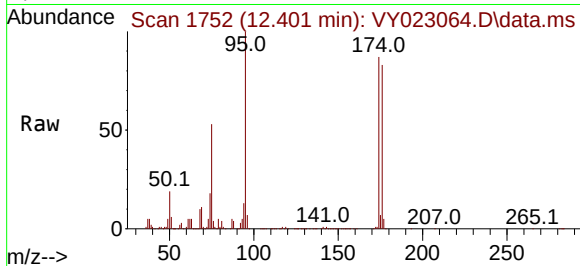




#76
1,2,3-Trichloropropane
Concen: 54.992 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

Tgt Ion: 75 Resp: 175446
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.118 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023064.D
Acq: 13 Aug 2025 12:58

Tgt Ion: 75 Resp: 175446
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.0 38.1 57.1#

