

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023065.D
 Acq On : 13 Aug 2025 13:21
 Operator : SY/MD
 Sample : Q2830-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WEST

Quant Time: Aug 14 01:23:14 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)

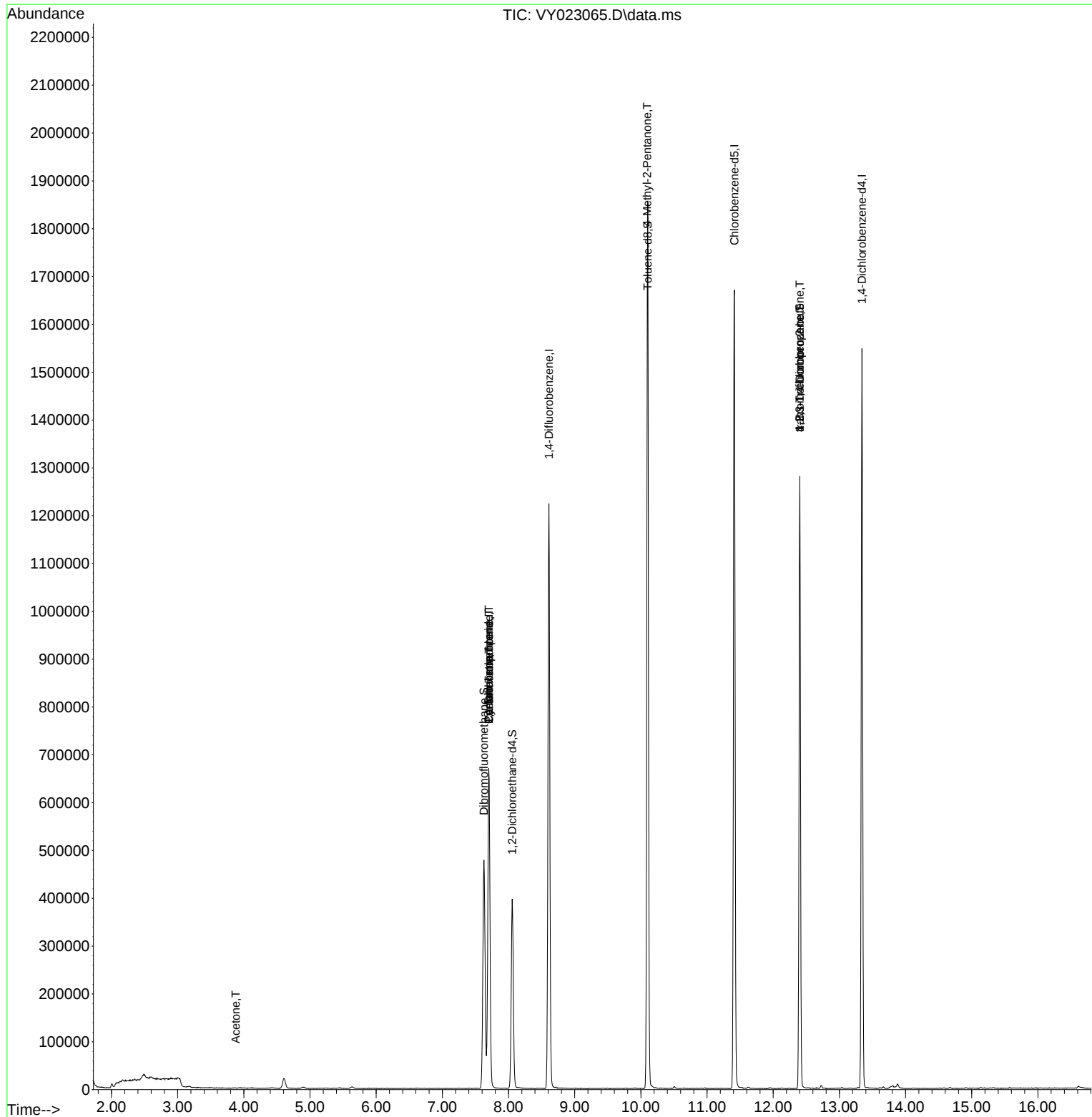
Internal Standards						
1) Pentafluorobenzene	7.701	168	522660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1025580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	910562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	376626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	312226	62.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.360%	
35) Dibromofluoromethane	7.628	113	339188	55.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.103	98	1193050	49.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.401	95	373653	48.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.920%	
Target Compounds						Qvalue
16) Acetone	3.879	43	1162	1.077	ug/l #	86
31) Cyclohexane	7.701	56	11271	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	40072	4.394	ug/l #	51
38) Carbon Tetrachloride	7.701	117	52068	5.256	ug/l #	16
51) 4-Methyl-2-Pentanone	10.097	43	5164	1.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	197750	54.404	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	197750	131.695	ug/l #	14

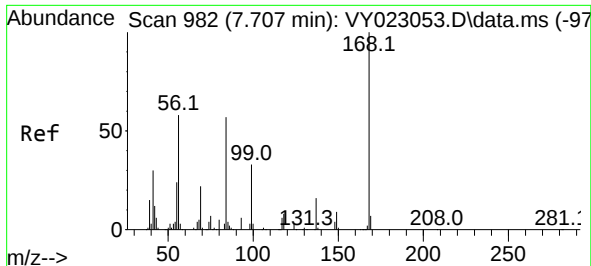
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BIN0009-DRIVEWAY-TP-WEST

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

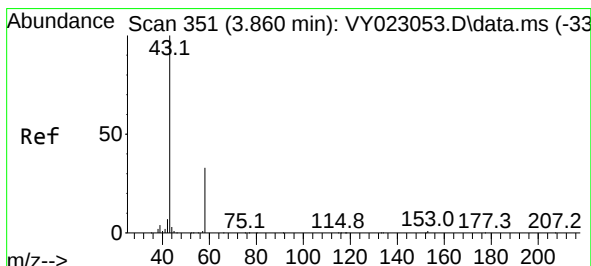
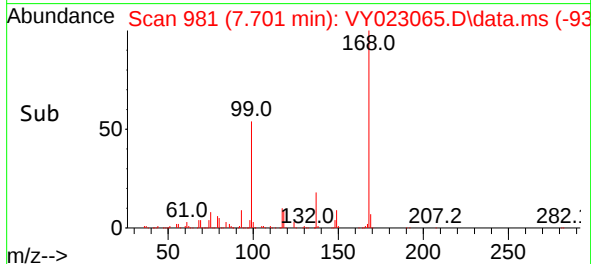
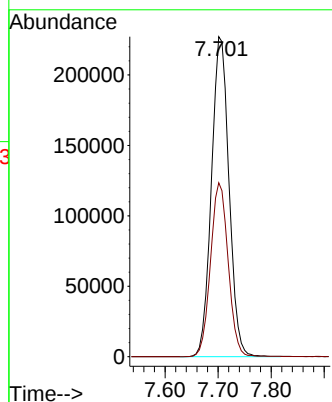
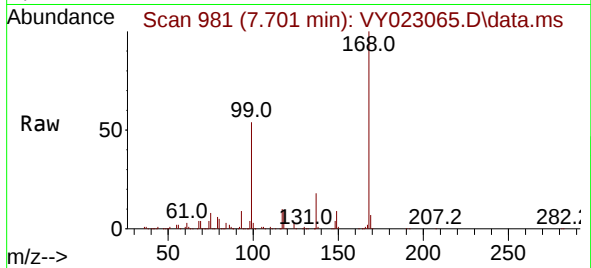




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

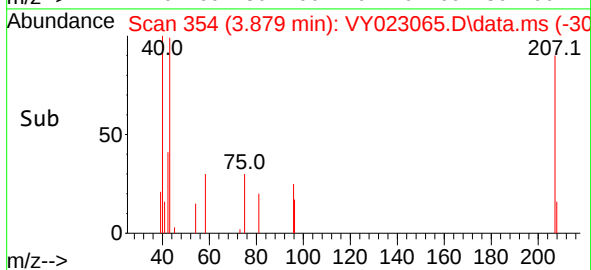
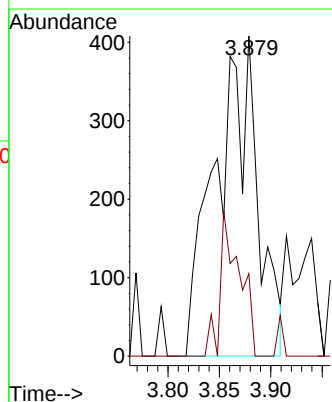
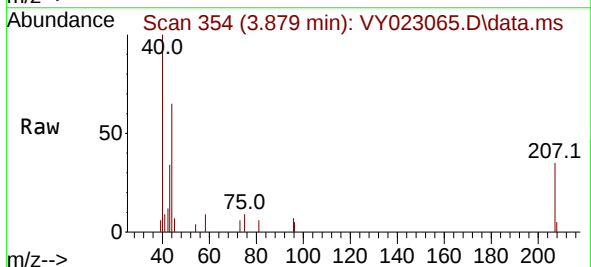
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WEST

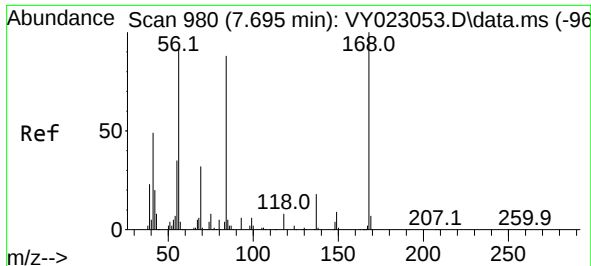
Tgt Ion:168 Resp: 522660
Ion Ratio Lower Upper
168 100
99 54.4 42.8 64.2



#16
Acetone
Concen: 1.077 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 25.7 27.1 40.7#

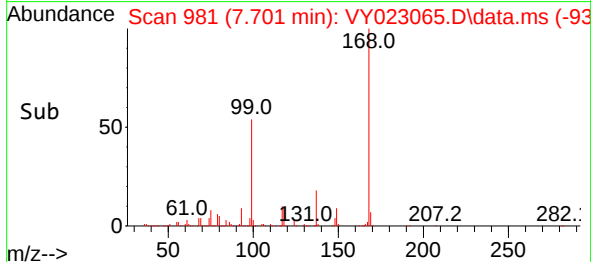
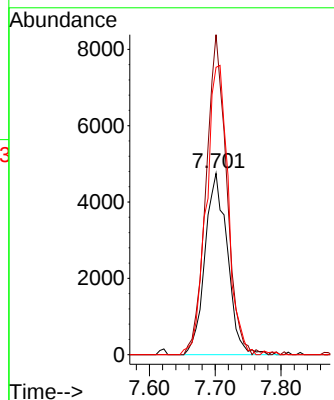
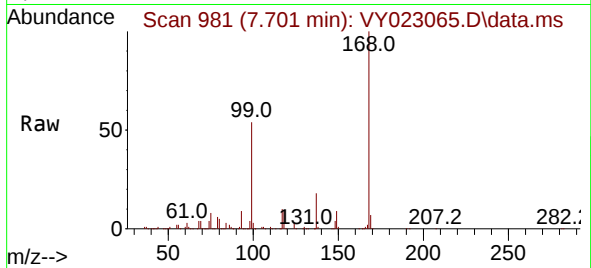




#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

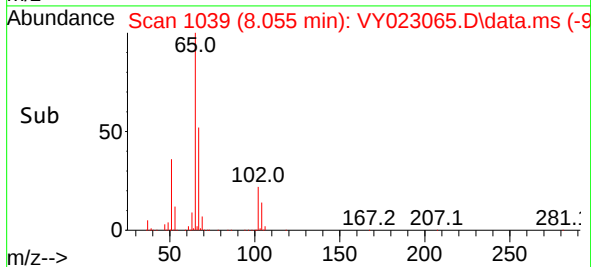
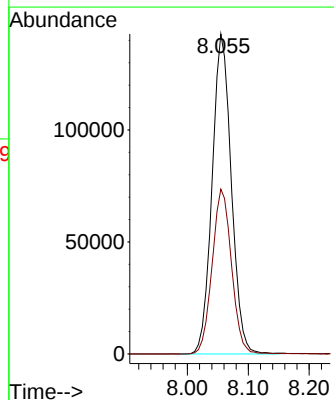
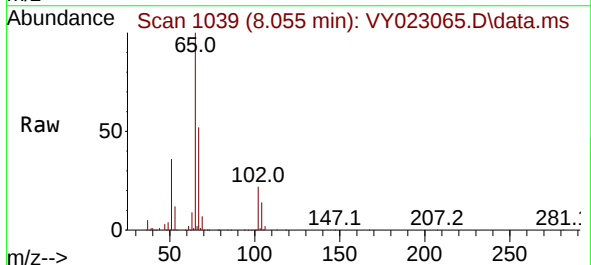
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WEST

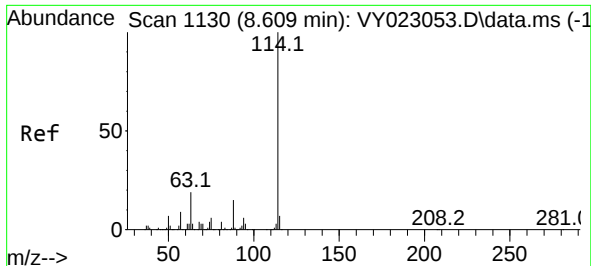
Tgt Ion: 56 Resp: 11271
Ion Ratio Lower Upper
56 100
69 176.5 28.2 42.2#
84 158.5 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 62.680 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

Tgt Ion: 65 Resp: 312226
Ion Ratio Lower Upper
65 100
67 52.0 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: VY023065.D

Acq: 13 Aug 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-WEST

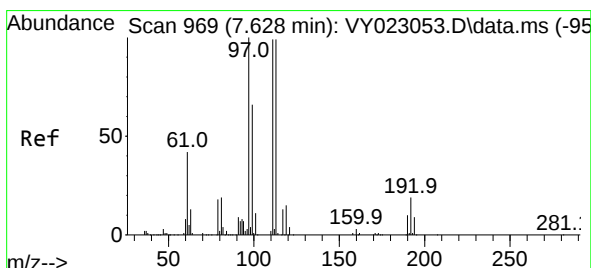
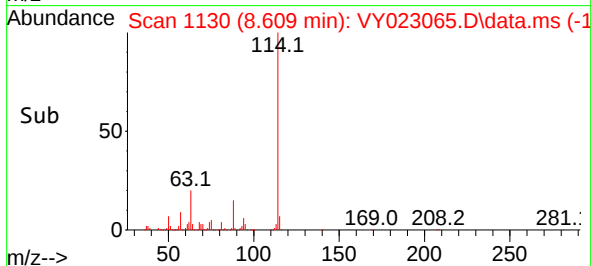
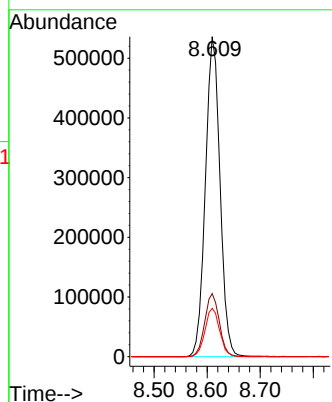
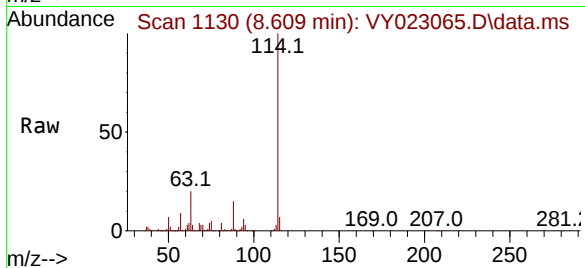
Tgt Ion:114 Resp: 1025580

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.272 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY023065.D

Acq: 13 Aug 2025 13:21

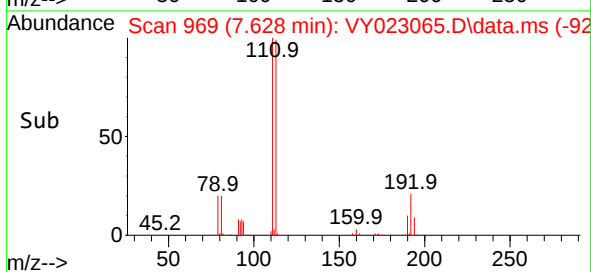
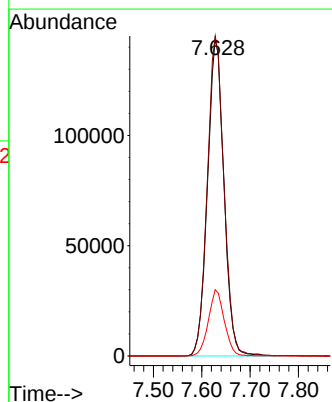
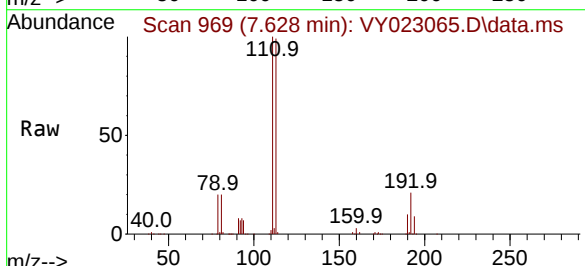
Tgt Ion:113 Resp: 339188

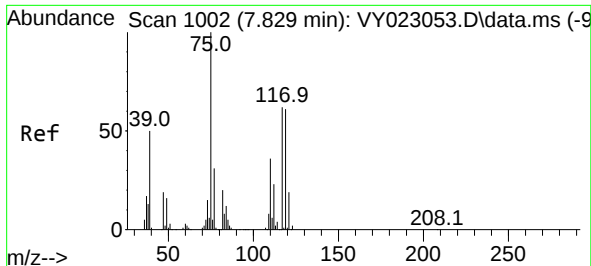
Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

192 20.3 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.394 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY023065.D

Acq: 13 Aug 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-WEST

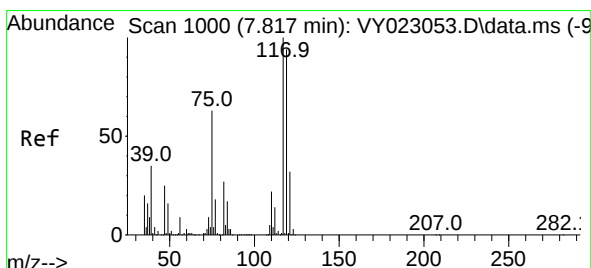
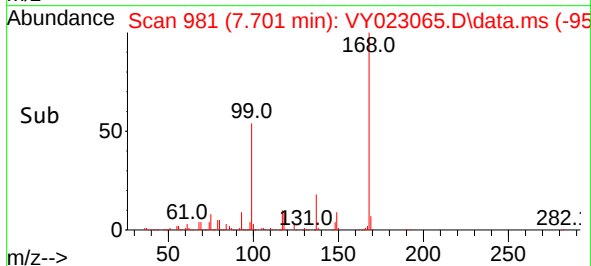
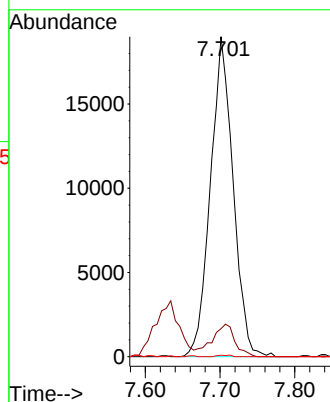
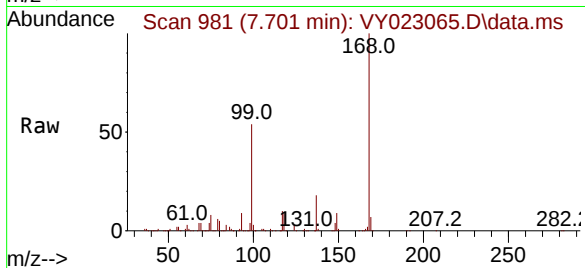
Tgt Ion: 75 Resp: 40072

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

77 0.3 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.256 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY023065.D

Acq: 13 Aug 2025 13:21

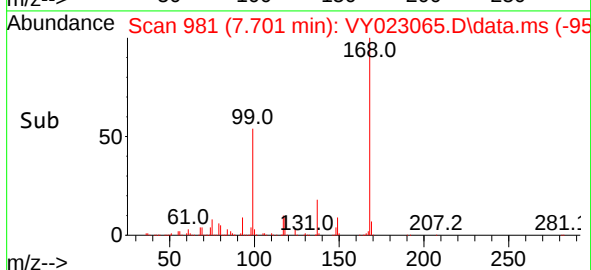
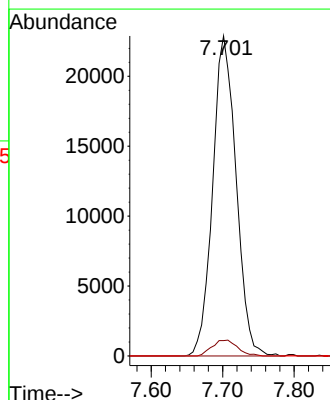
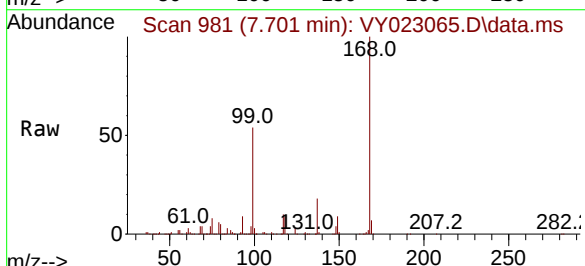
Tgt Ion: 117 Resp: 52068

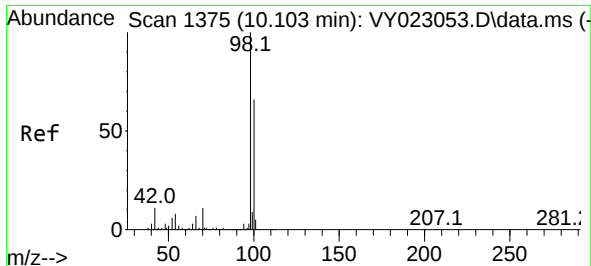
Ion Ratio Lower Upper

117 100

119 4.8 75.6 113.4#

121 0.0 25.8 38.8#

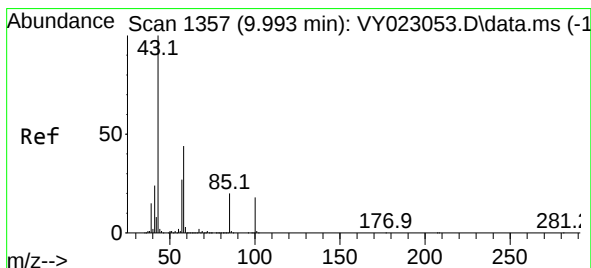
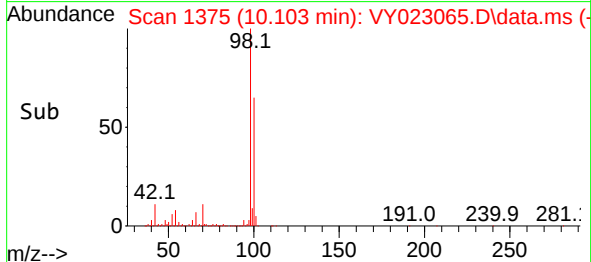
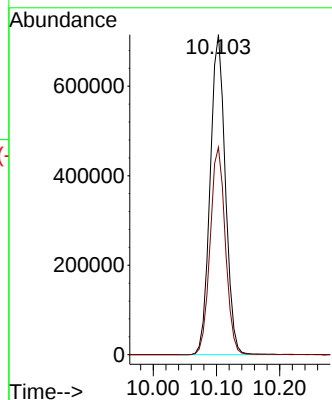
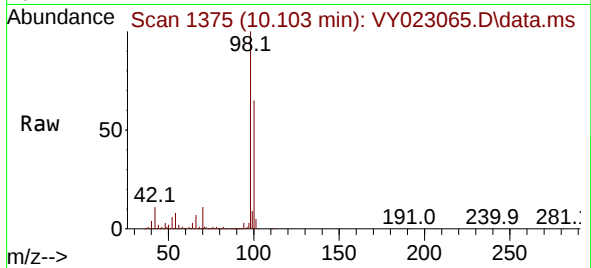




#50
Toluene-d8
Concen: 49.765 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

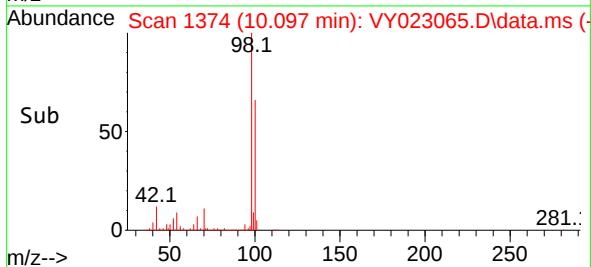
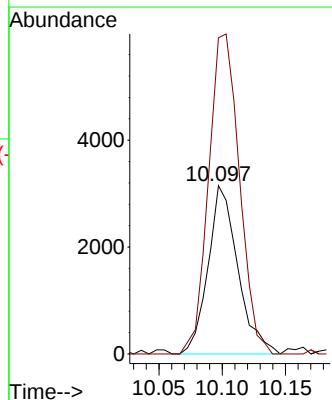
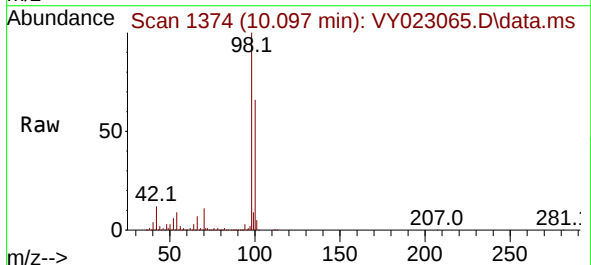
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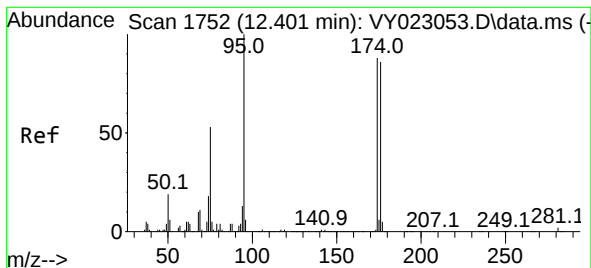
Tgt Ion: 98 Resp: 1193050
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.293 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

Tgt Ion: 43 Resp: 5164
Ion Ratio Lower Upper
43 100
58 196.4 33.5 50.3#

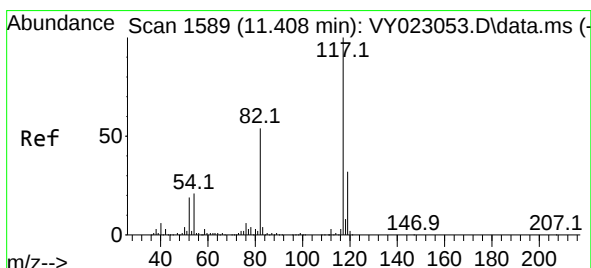
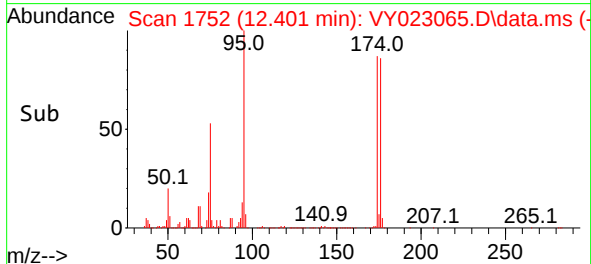
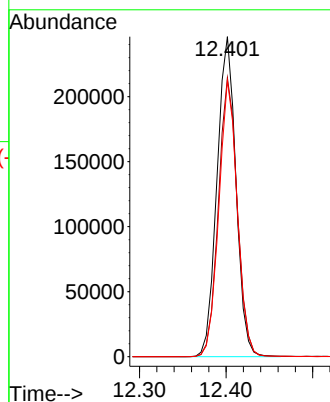
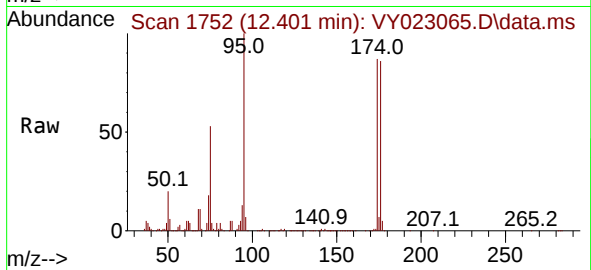




#62
4-Bromofluorobenzene
Concen: 48.464 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

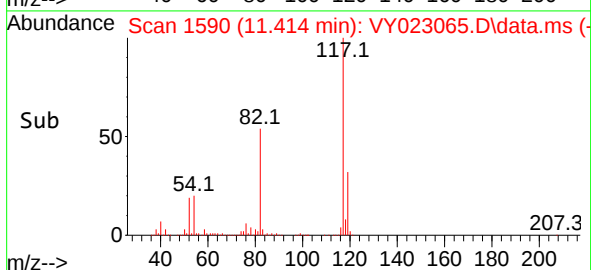
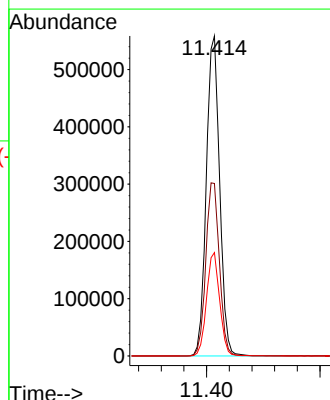
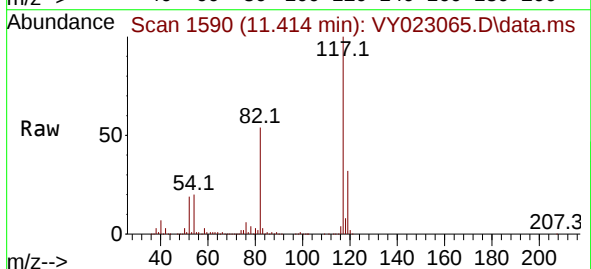
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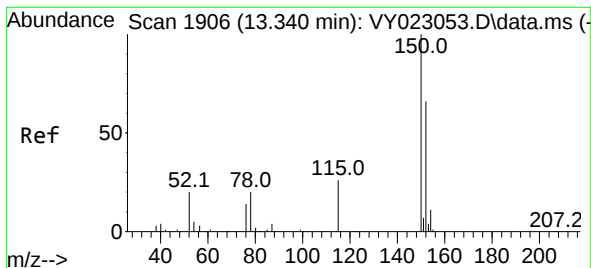
Tgt Ion: 95 Resp: 373653
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

Tgt Ion: 117 Resp: 910562
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.3 25.6 38.4

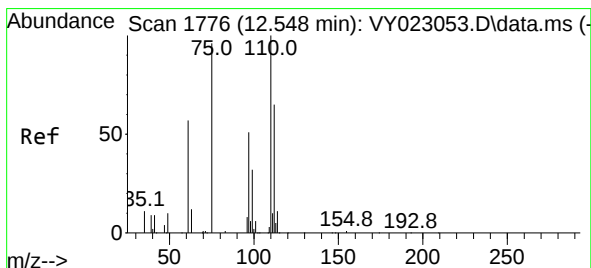
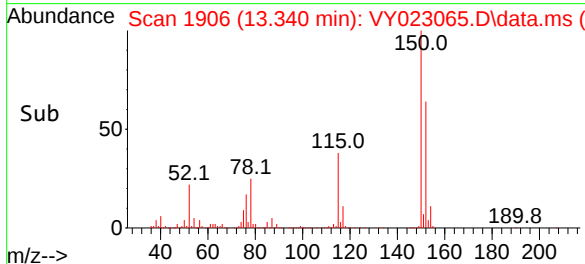
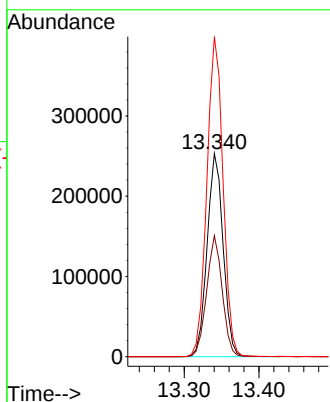
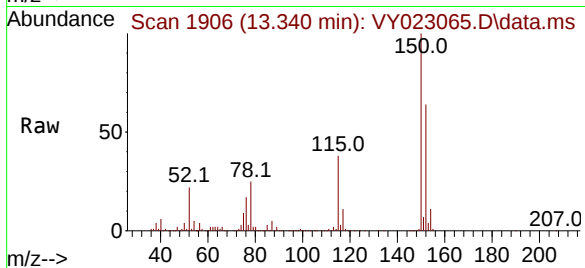




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY023065.D
 Acq: 13 Aug 2025 13:21

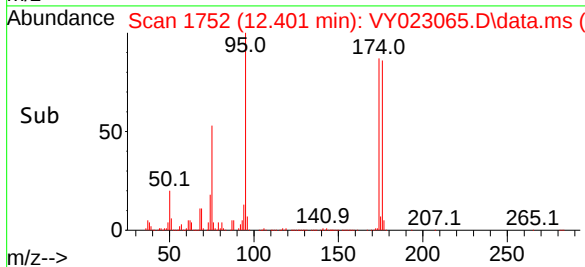
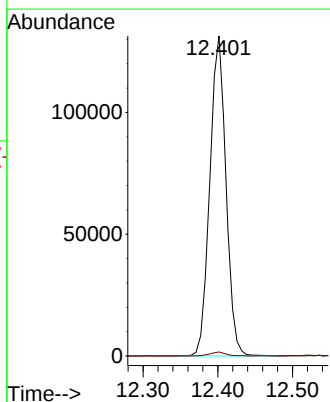
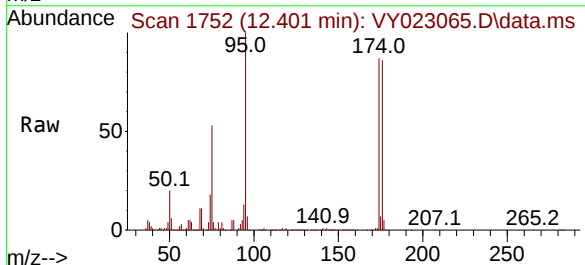
Instrument :
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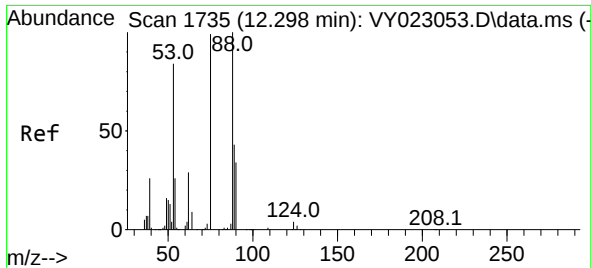
Tgt Ion:152 Resp: 376626
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.6
 150 158.9 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 54.404 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.146 min
 Lab File: VY023065.D
 Acq: 13 Aug 2025 13:21

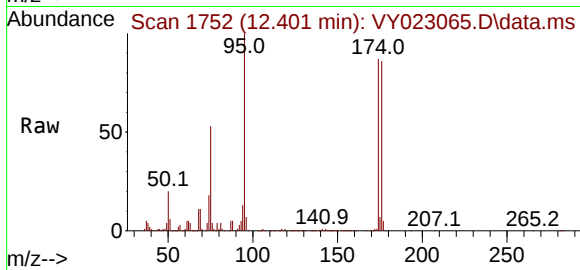
Tgt Ion: 75 Resp: 197750
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.695 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY023065.D
Acq: 13 Aug 2025 13:21

Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WEST



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	70.8	106.2#
89	0.1	38.1	57.1#

