

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081325\
 Data File : VY023066.D
 Acq On : 13 Aug 2025 13:45
 Operator : SY/MD
 Sample : Q2830-05
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 14 01:23:38 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)

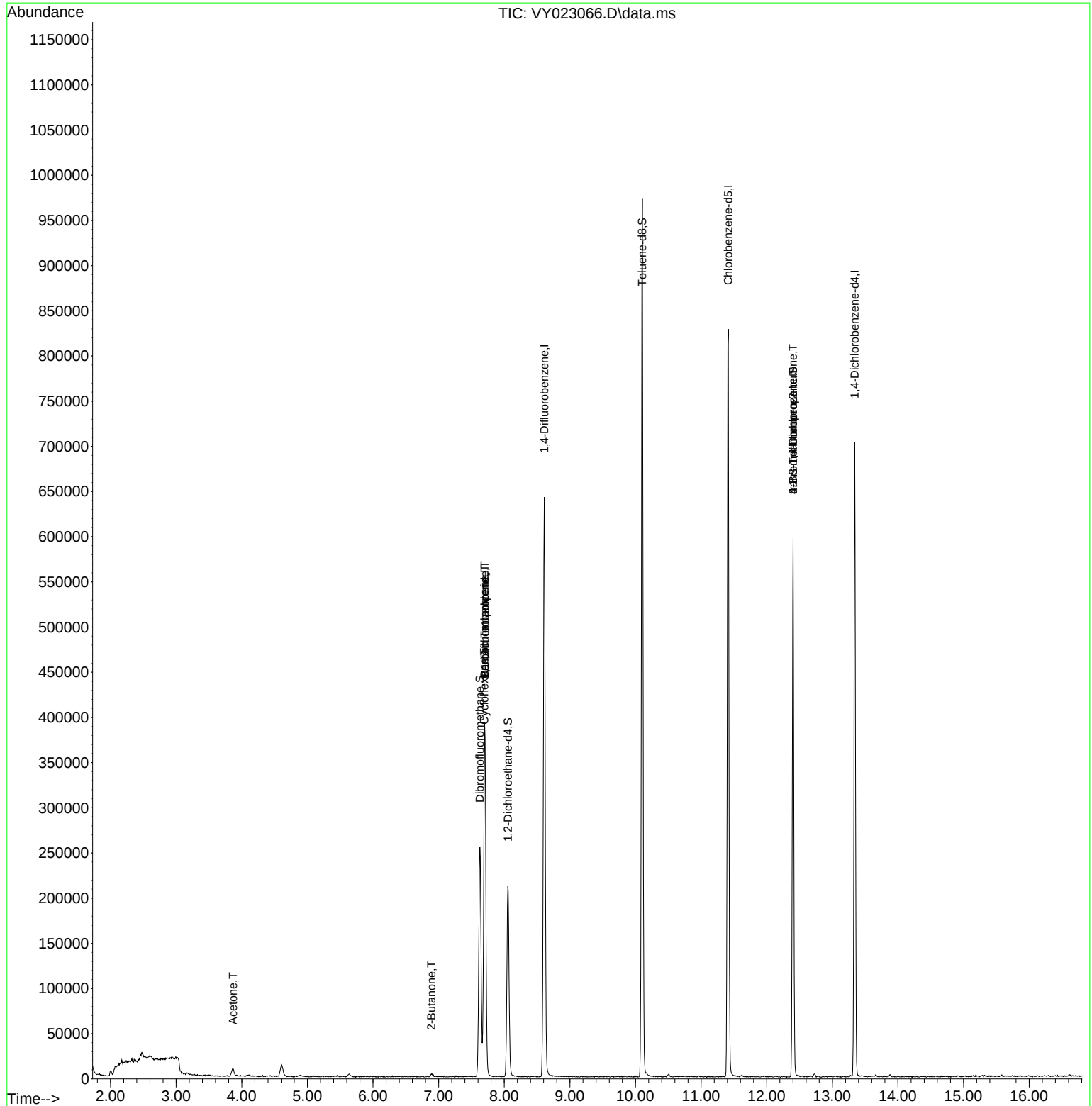
Internal Standards						
1) Pentafluorobenzene	7.701	168	304361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	544163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	178387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	170038	58.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.240%	
35) Dibromofluoromethane	7.628	113	180062	55.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.103	98	630007	49.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.401	95	176986	43.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	13999	22.276	ug/l	95
25) 2-Butanone	6.890	43	4867	5.694	ug/l	93
31) Cyclohexane	7.695	56	6772	1.253	ug/l #	18
36) 1,1-Dichloropropene	7.701	75	23744	4.907	ug/l #	50
38) Carbon Tetrachloride	7.701	117	30322	5.769	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	93959	54.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	93959	132.111	ug/l #	14

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

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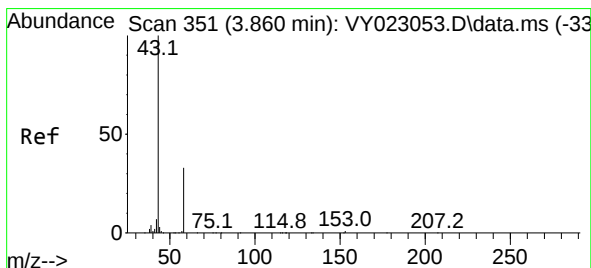
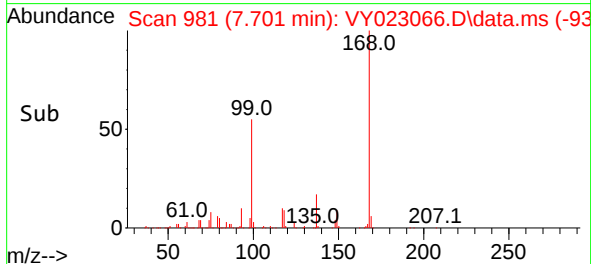
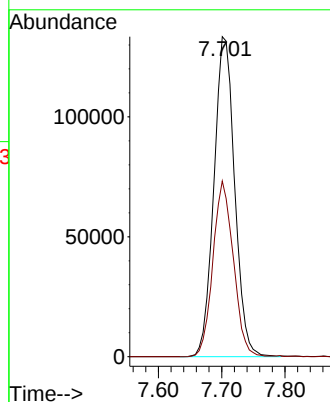
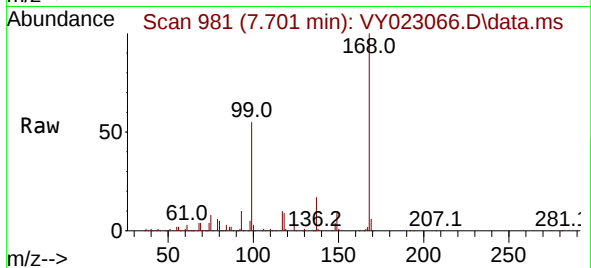




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

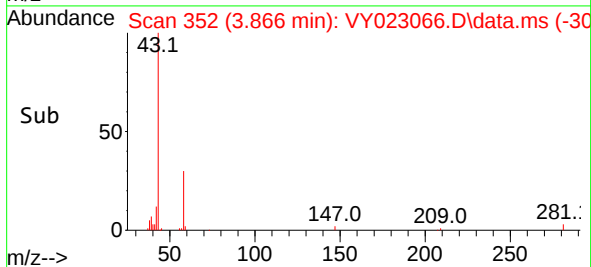
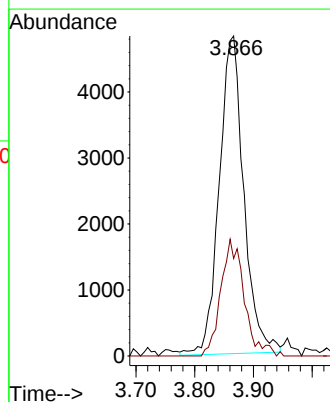
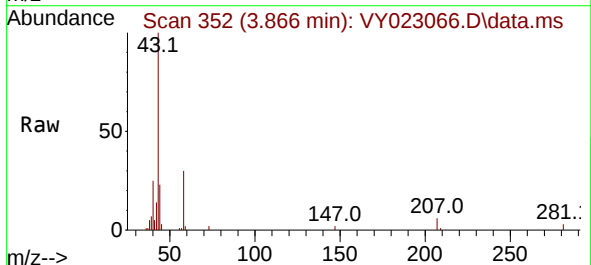
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

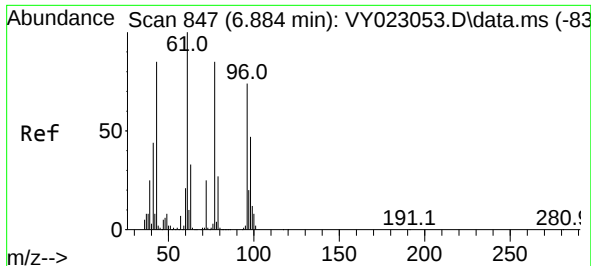
Tgt Ion:168 Resp: 304361
Ion Ratio Lower Upper
168 100
99 54.9 42.8 64.2



#16
Acetone
Concen: 22.276 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 43 Resp: 13999
Ion Ratio Lower Upper
43 100
58 30.9 27.1 40.7

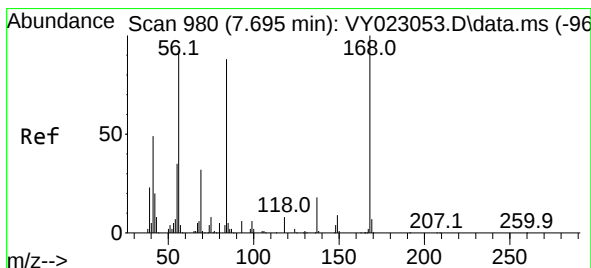
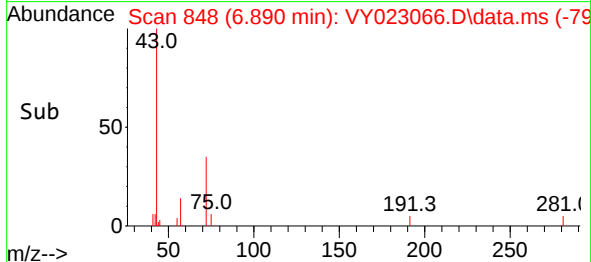
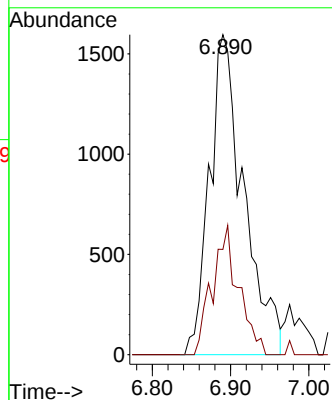
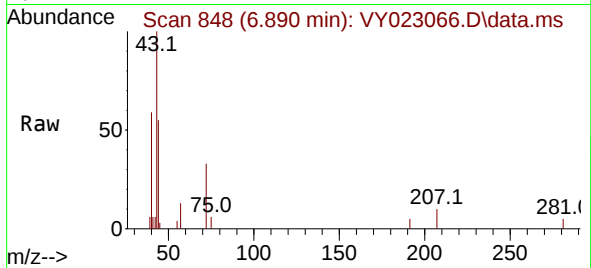




#25
2-Butanone
Concen: 5.694 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

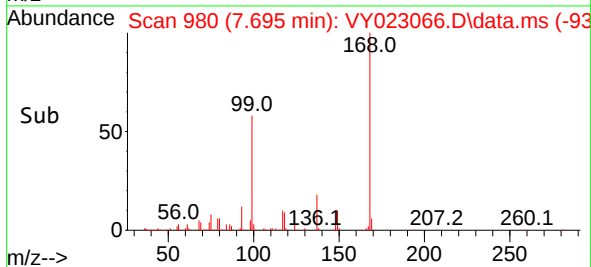
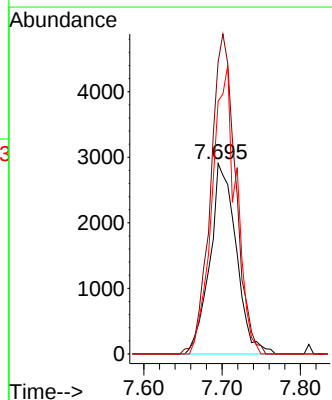
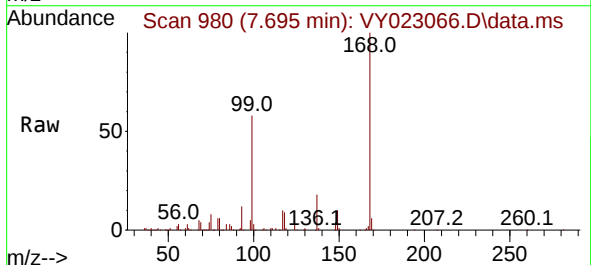
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
72 32.9 23.5 35.3



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 56 Resp: 6772
Ion Ratio Lower Upper
56 100
69 153.4 28.2 42.2#
84 132.7 76.6 114.8#





#33

1,2-Dichloroethane-d4

Concen: 58.618 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023066.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

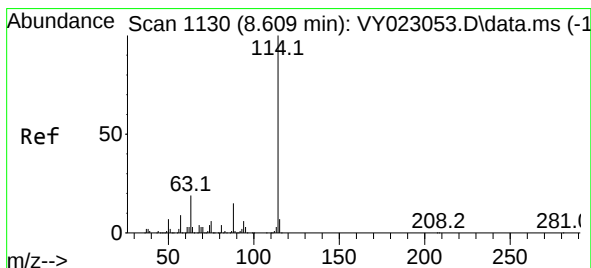
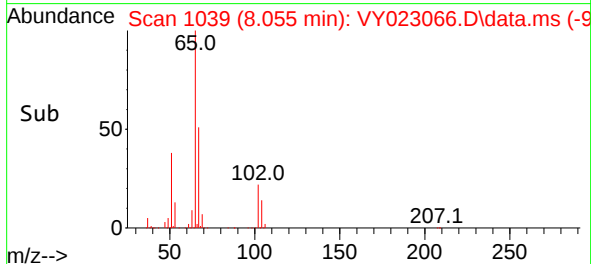
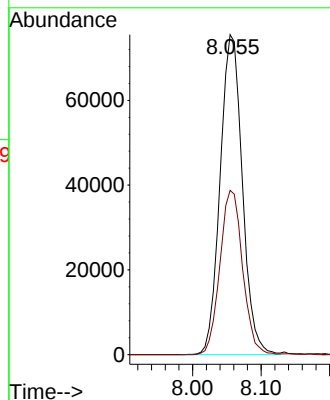
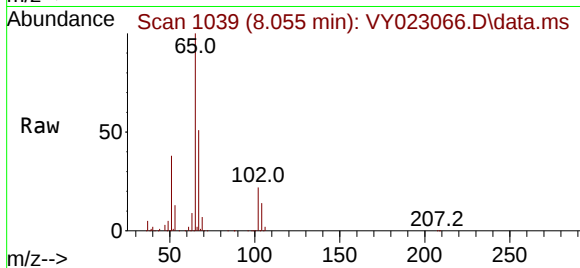
BIN0009-DRIVEWAY-TP-WESTSIDE

Tgt Ion: 65 Resp: 170038

Ion Ratio Lower Upper

65 100

67 52.3 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: VY023066.D

Acq: 13 Aug 2025 13:45

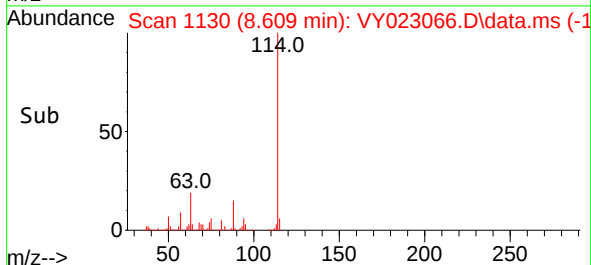
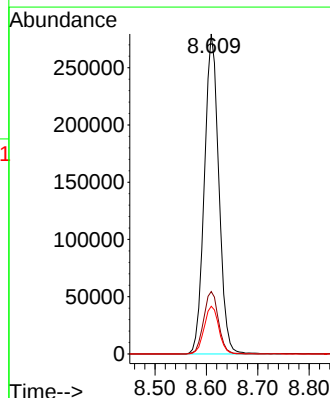
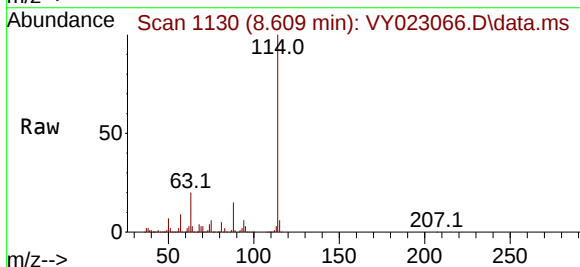
Tgt Ion: 114 Resp: 544163

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 14.9 0.0 30.0

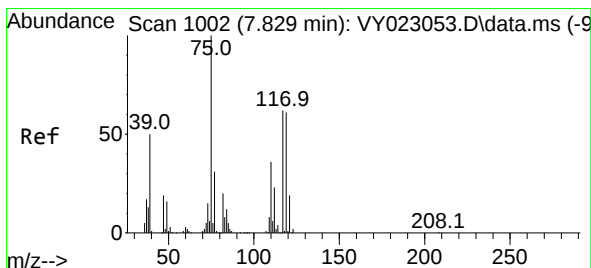
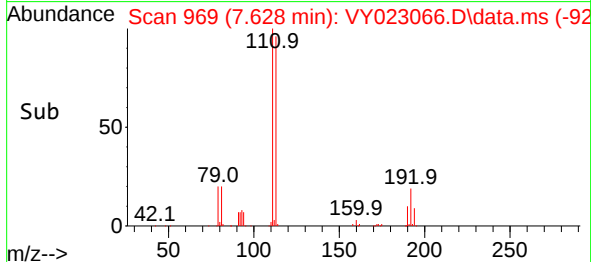
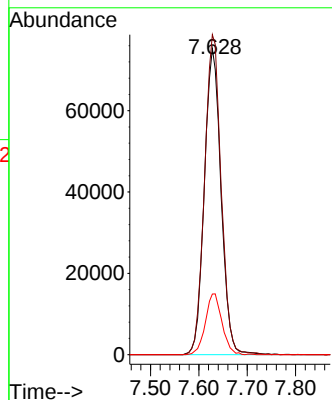
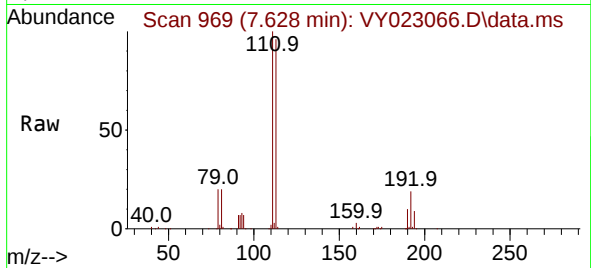




#35
Dibromofluoromethane
Concen: 55.300 ug/l
RT: 7.628 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

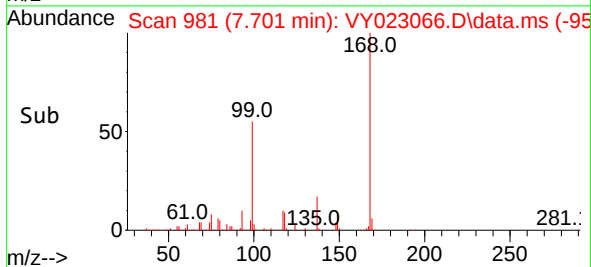
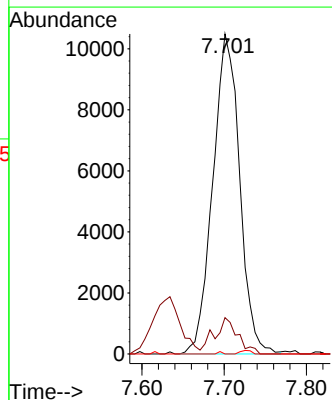
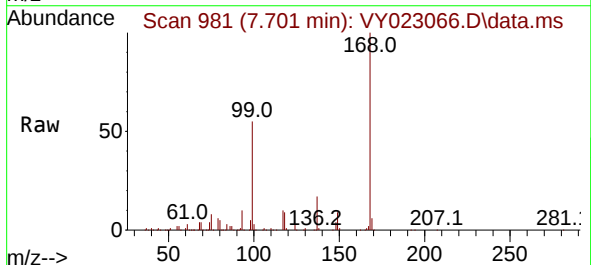
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Tgt Ion:113 Resp: 180062
Ion Ratio Lower Upper
113 100
111 104.4 81.1 121.7
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 75 Resp: 23744
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.1 24.6 37.0#

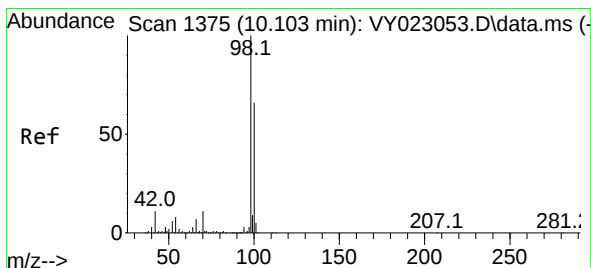
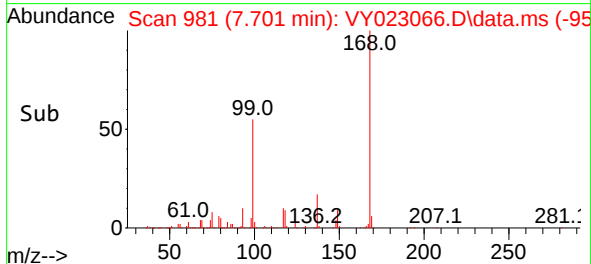
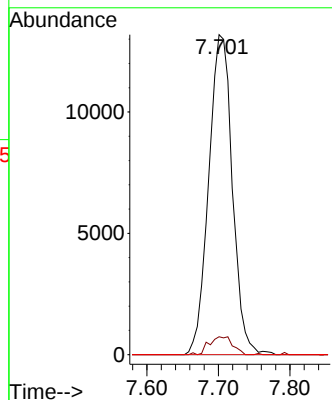
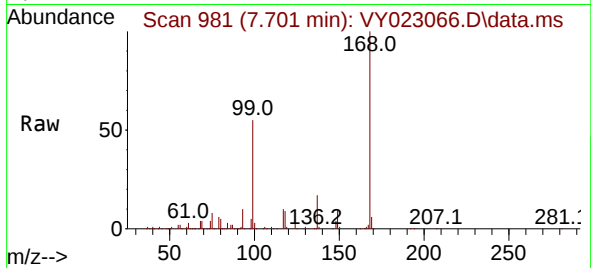




#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

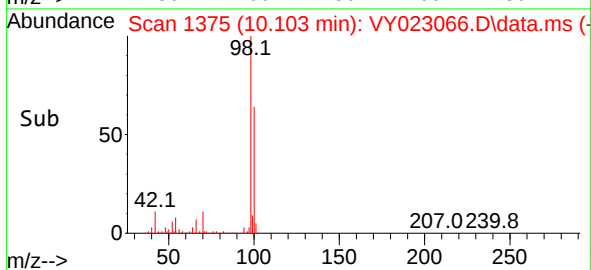
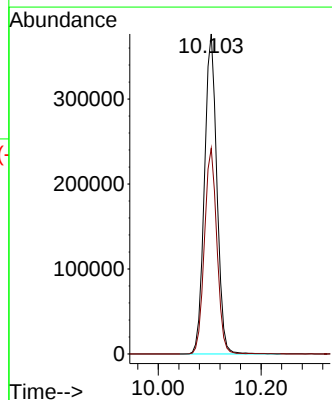
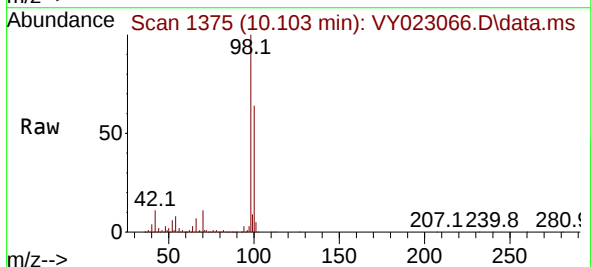
Instrument :
MSVOA_Y
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

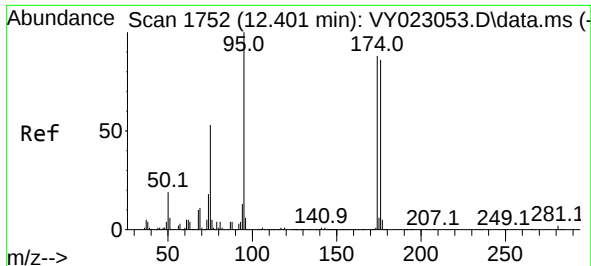
Tgt Ion:117 Resp: 30322
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.528 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 98 Resp: 630007
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

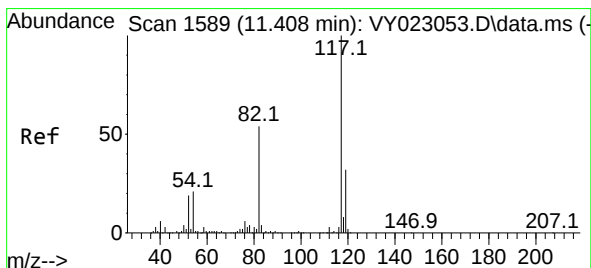
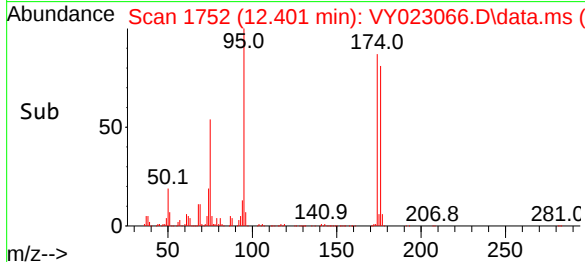
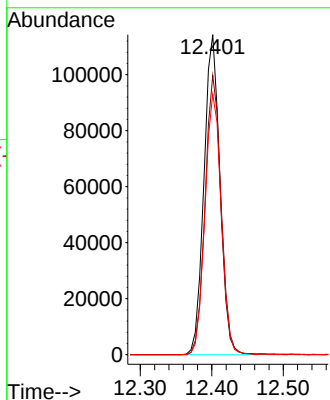
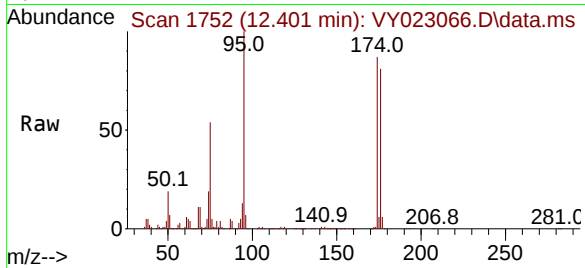




#62
4-Bromofluorobenzene
Concen: 43.264 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

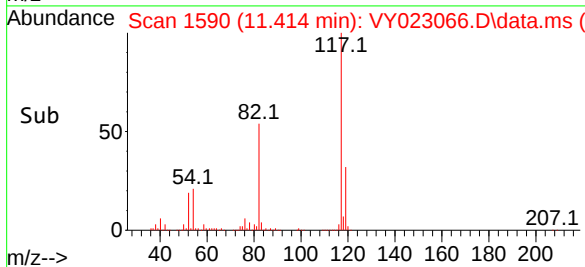
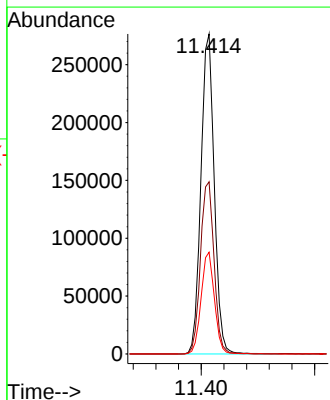
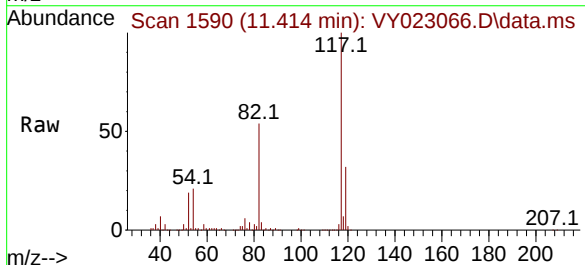
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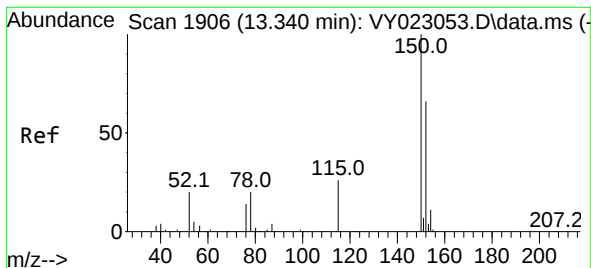
Tgt Ion: 95 Resp: 176986
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 82.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY023066.D
Acq: 13 Aug 2025 13:45

Tgt Ion: 117 Resp: 450649
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.8 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: VY023066.D

Acq: 13 Aug 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

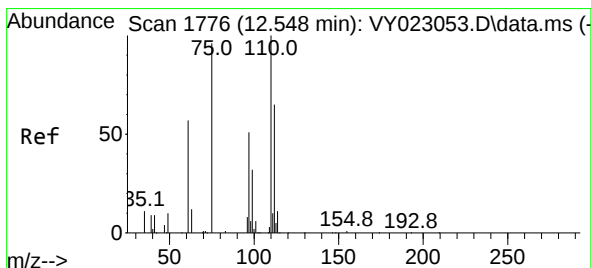
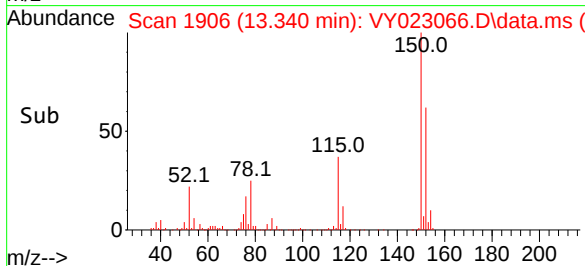
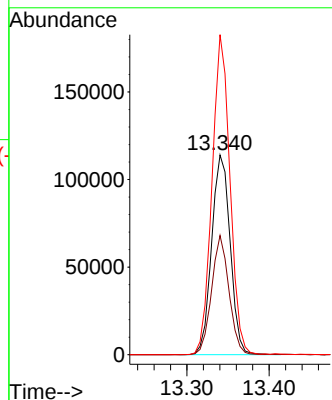
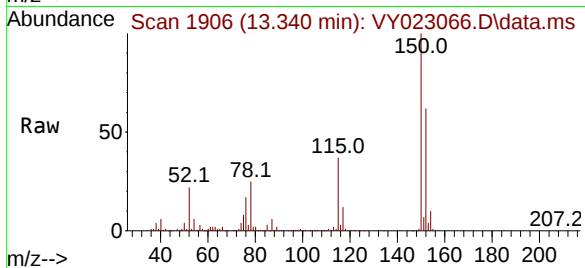
Tgt Ion:152 Resp: 178387

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 155.0 0.0 348.0



#76

1,2,3-Trichloropropane

Concen: 54.576 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.146 min

Lab File: VY023066.D

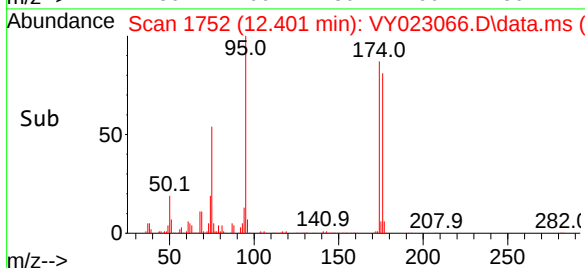
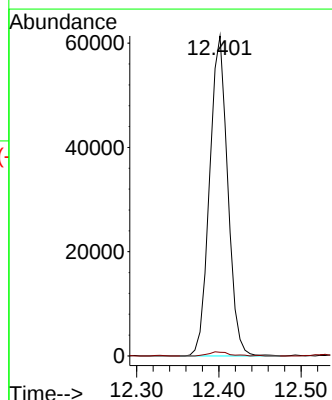
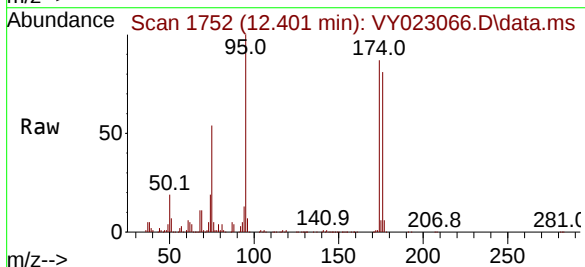
Acq: 13 Aug 2025 13:45

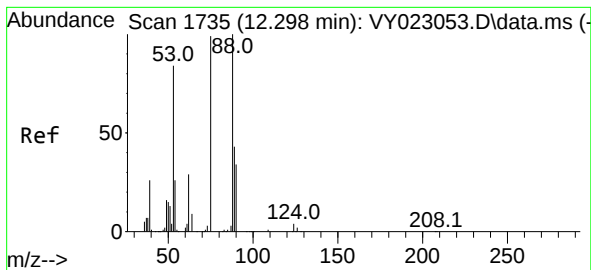
Tgt Ion: 75 Resp: 93959

Ion Ratio Lower Upper

75 100

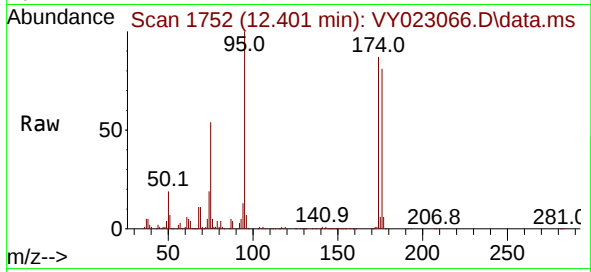
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.111 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY023066.D
 Acq: 13 Aug 2025 13:45

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



Tgt Ion: 75 Resp: 93959
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.8 106.2#
 89 0.0 38.1 57.1#

