

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023686.D
 Acq On : 05 Nov 2025 12:42
 Operator : SY/MD
 Sample : Q3537-01
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-17-SOIL

Quant Time: Nov 06 03:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

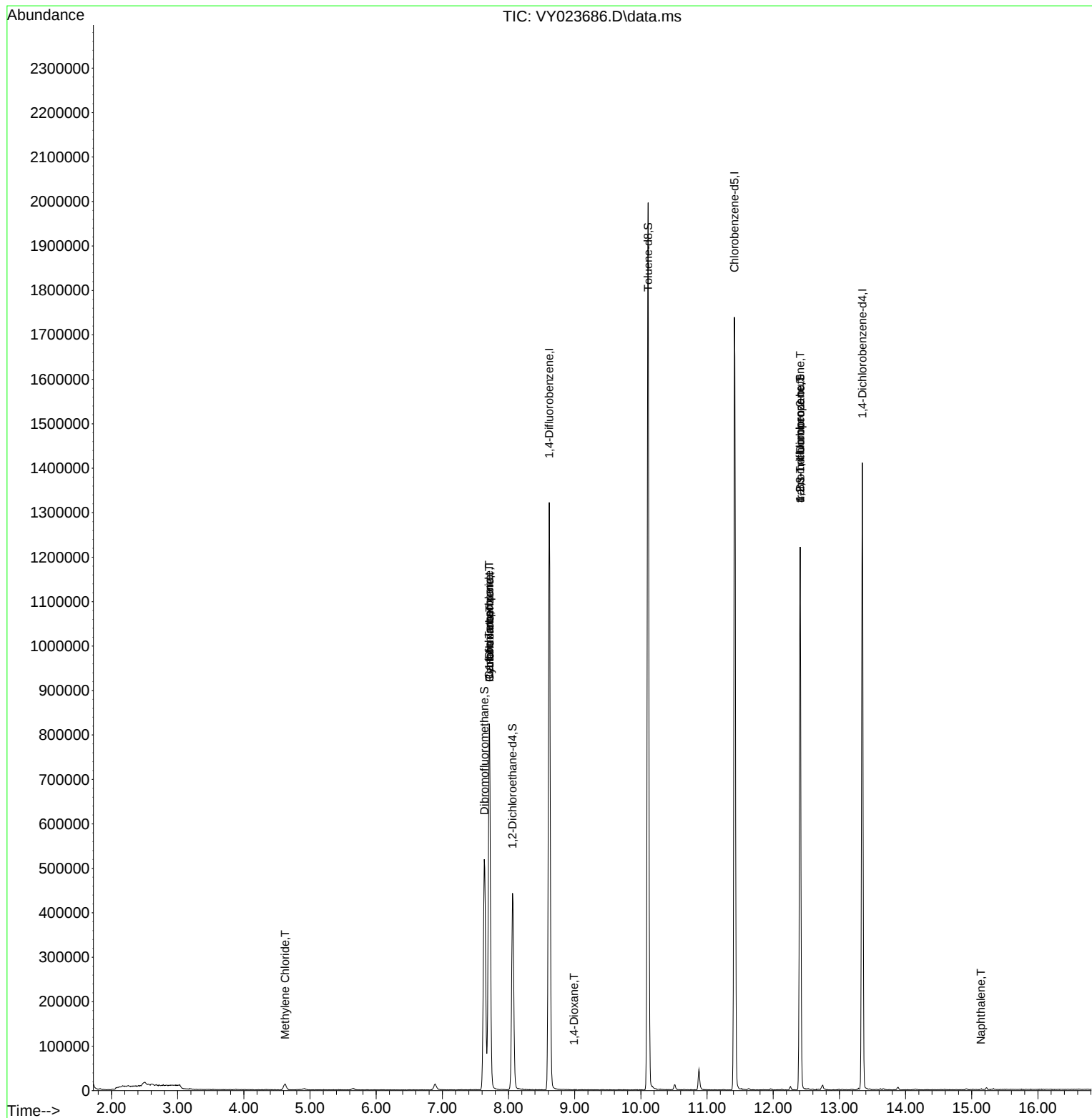
Internal Standards						
1) Pentafluorobenzene	7.713	168	679058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1154603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	970578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	346739	59.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.720%
35) Dibromofluoromethane	7.634	113	376104	52.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.109	98	1310159	48.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.408	95	364572	41.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.880%
Target Compounds						
20) Methylene Chloride	4.623	84	9950	1.432	ug/l	95
31) Cyclohexane	7.713	56	11957	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	46697	4.843	ug/l #	47
38) Carbon Tetrachloride	7.707	117	62570	5.508	ug/l #	17
49) 1,4-Dioxane	8.988	88	44	1.035	ug/l #	29
76) 1,2,3-Trichloropropane	12.408	75	181257	60.525	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	181257	136.782	ug/l #	14
95) Naphthalene	15.139	128	1527	5.387	ug/l #	82

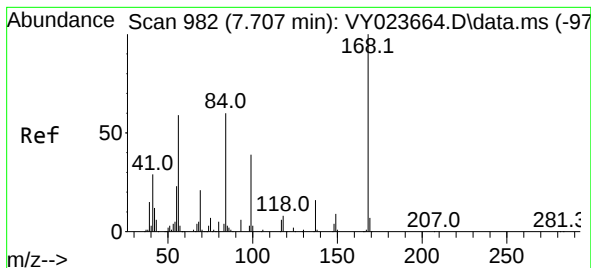
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023686.D

Acq: 05 Nov 2025 12:42

Instrument :

MSVOA_Y

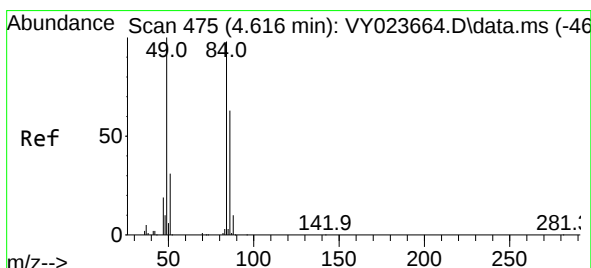
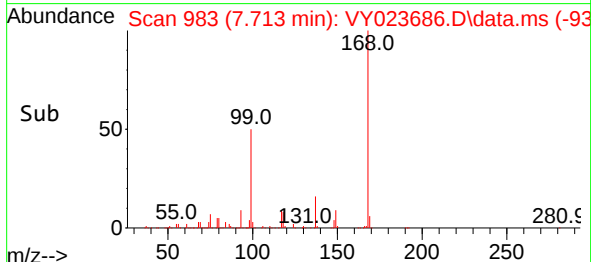
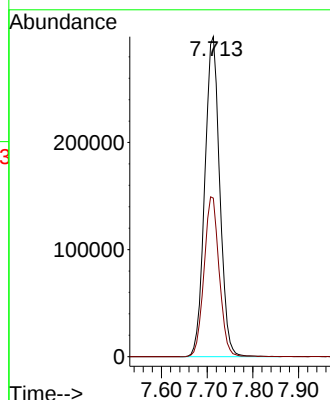
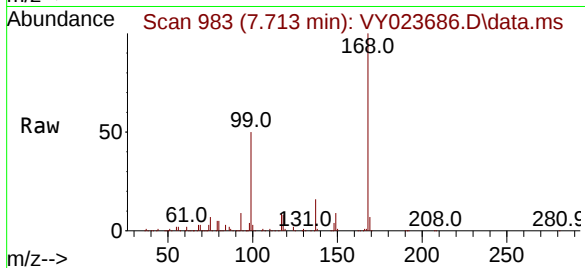
ClientSampleId :

MW-17-SOIL

Tgt Ion:168 Resp: 679058

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	49.6	41.0	61.4



#20

Methylene Chloride

Concen: 1.432 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

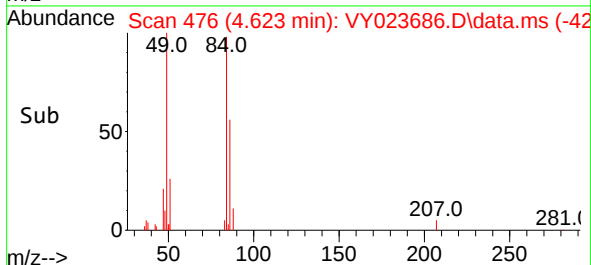
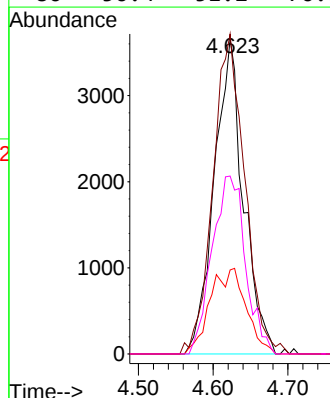
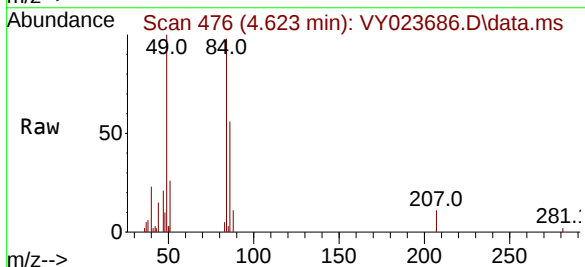
Lab File: VY023686.D

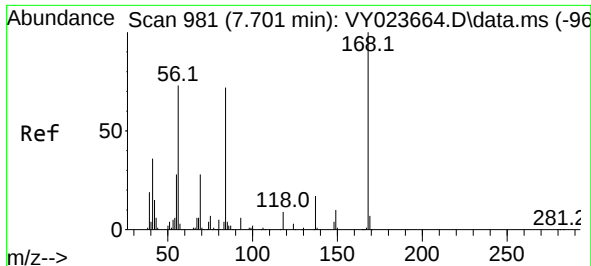
Acq: 05 Nov 2025 12:42

Tgt Ion: 84 Resp: 9950

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
84	100		
49	101.5	81.5	122.3
51	26.6	25.5	38.3
86	56.4	51.2	76.8

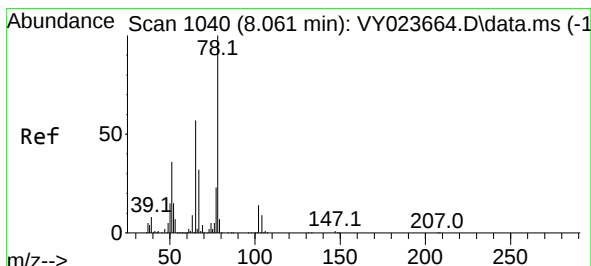
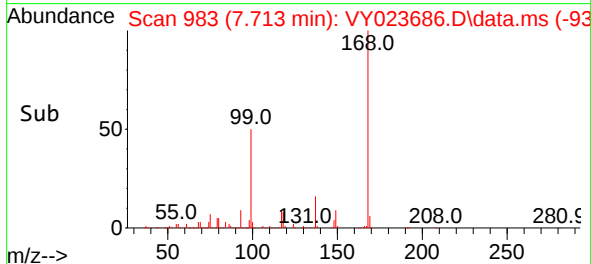
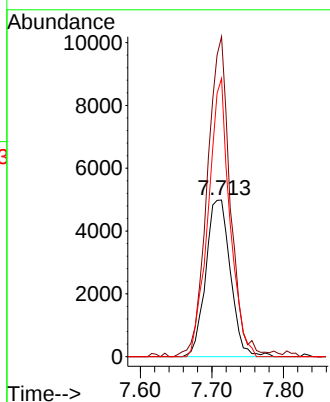
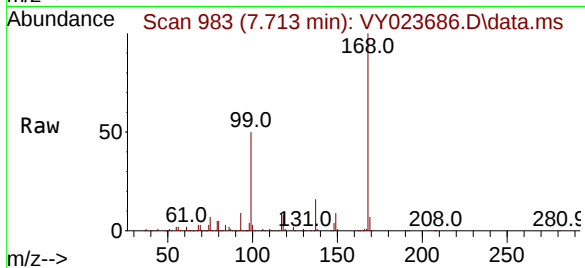




#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

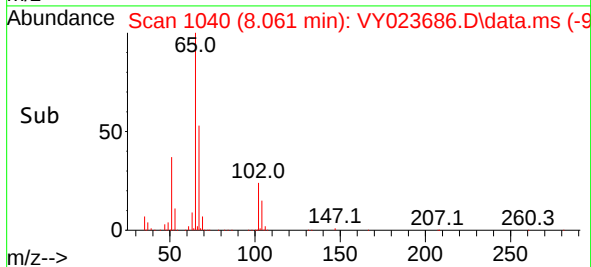
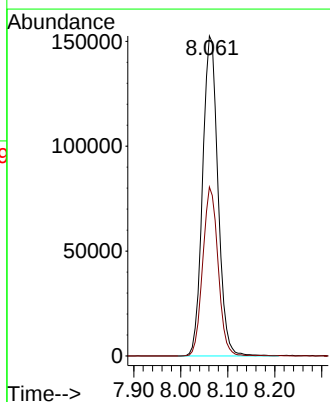
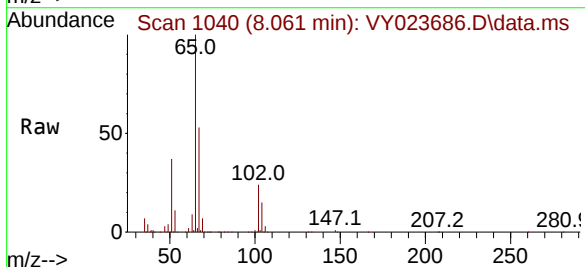
Instrument :
MSVOA_Y
ClientSampleId :
MW-17-SOIL

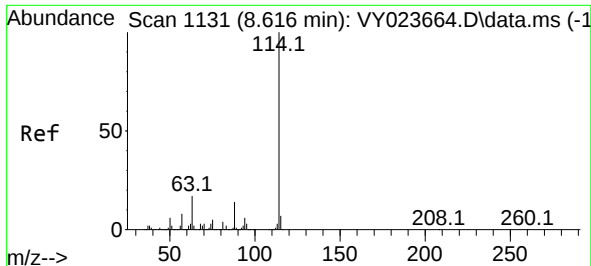
Tgt Ion: 56 Resp: 11957
Ion Ratio Lower Upper
56 100
69 202.9 30.5 45.7#
84 177.6 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 59.861 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

Tgt Ion: 65 Resp: 346739
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

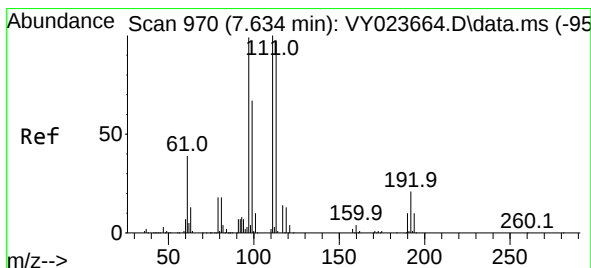
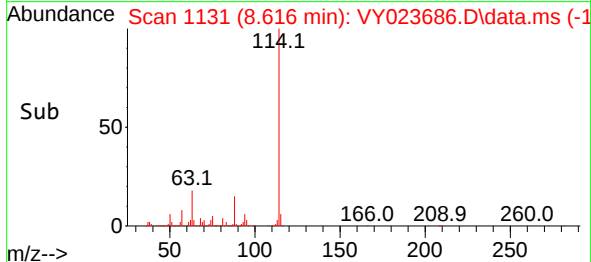
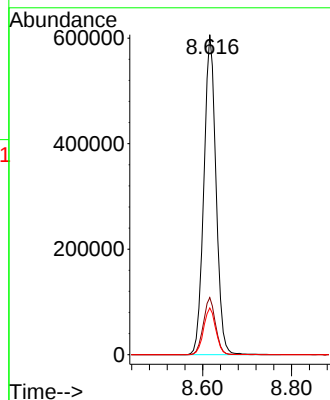
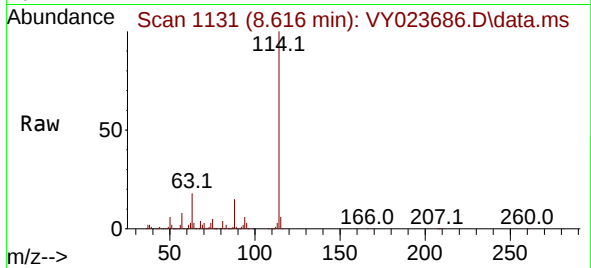




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

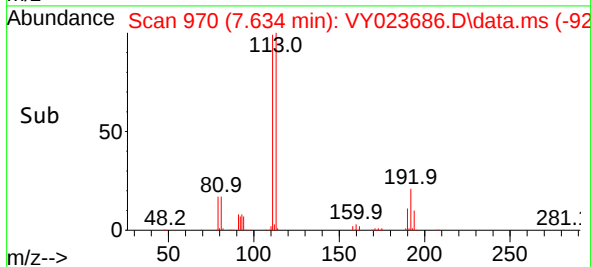
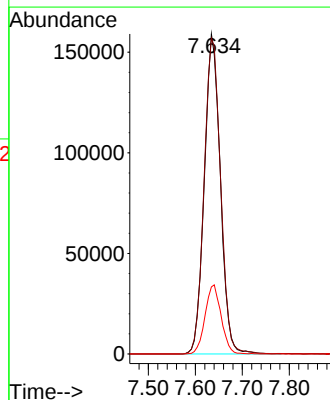
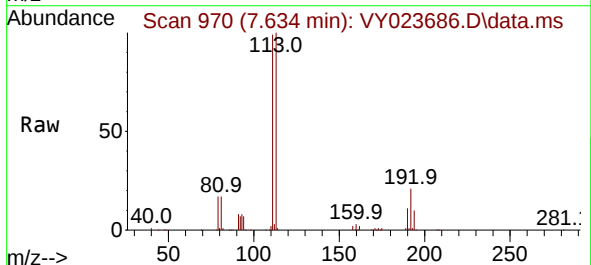
Instrument :
MSVOA_Y
ClientSampleId :
MW-17-SOIL

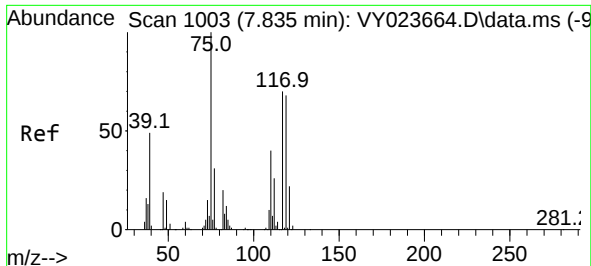
Tgt Ion:114 Resp: 1154603
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.8
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.124 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

Tgt Ion:113 Resp: 376104
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.6 17.3 25.9





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY023686.D

Acq: 05 Nov 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MW-17-SOIL

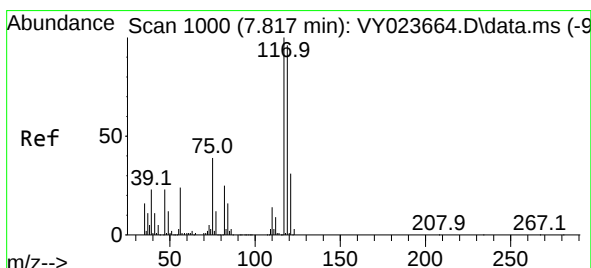
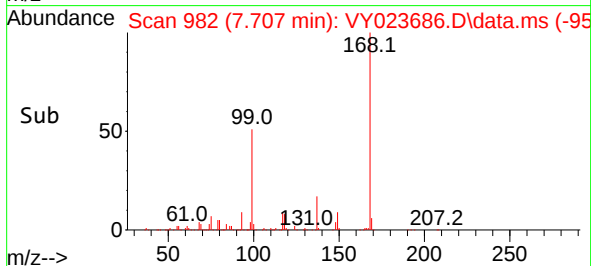
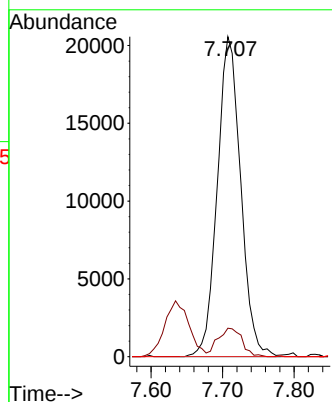
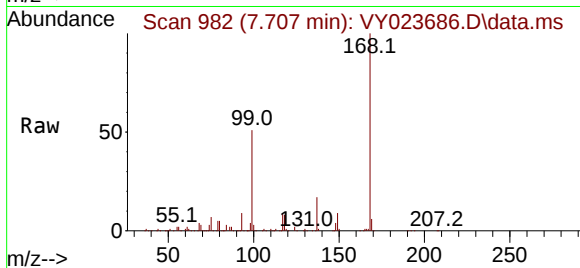
Tgt Ion: 75 Resp: 46697

Ion Ratio Lower Upper

75 100

110 9.2 19.7 59.0#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.508 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY023686.D

Acq: 05 Nov 2025 12:42

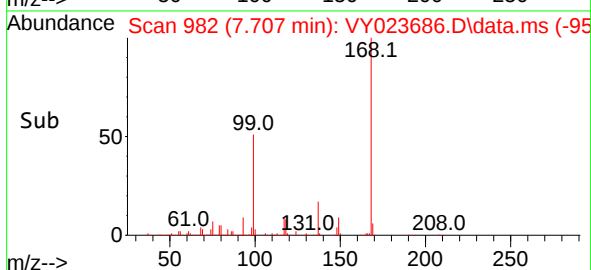
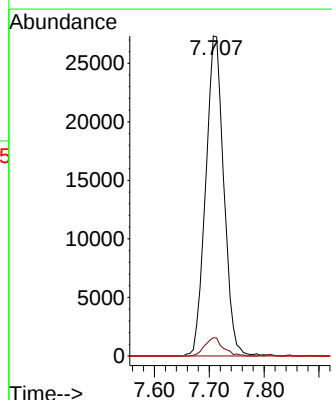
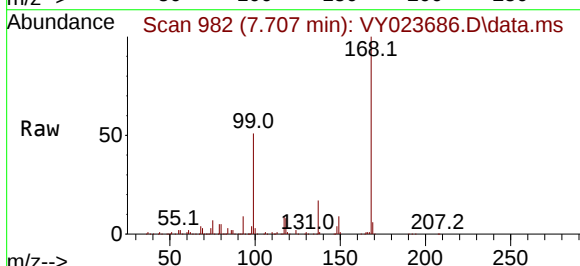
Tgt Ion: 117 Resp: 62570

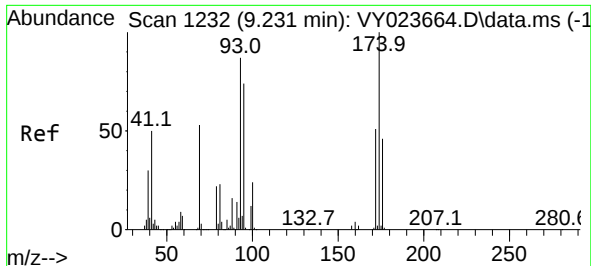
Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.035 ug/l

RT: 8.988 min Scan# 1192

Delta R.T. -0.244 min

Lab File: VY023686.D

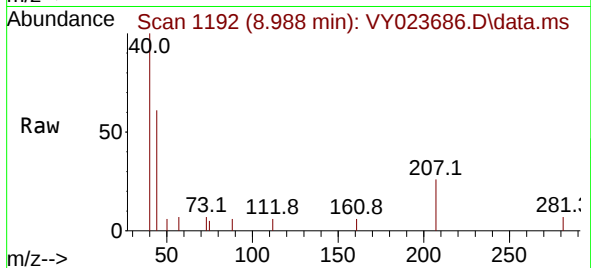
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Instrument :

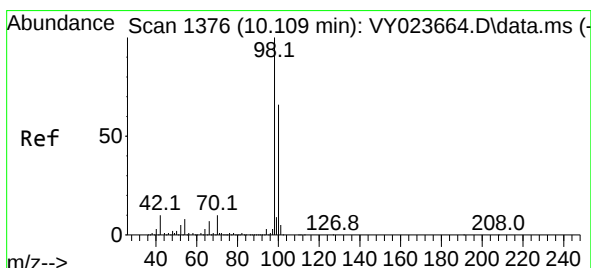
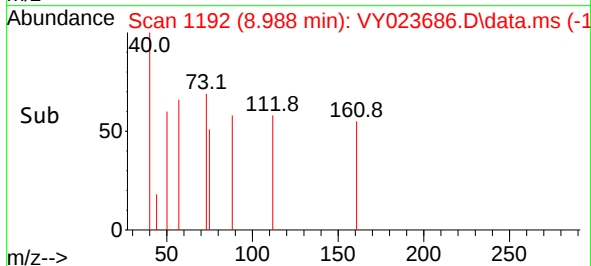
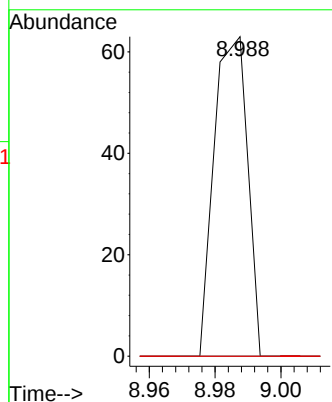
MSVOA_Y

ClientSampleId :

MW-17-SOIL



Tgt Ion:	88	Resp:	44
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.0	33.0#
58	0.0	47.8	71.8#



#50

Toluene-d8

Concen: 48.744 ug/l

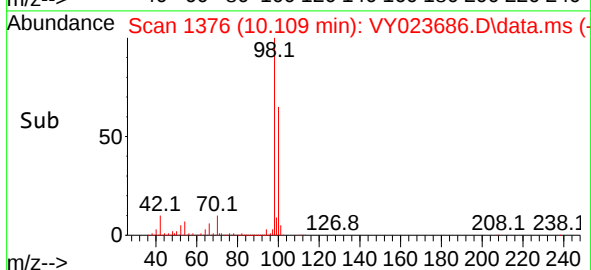
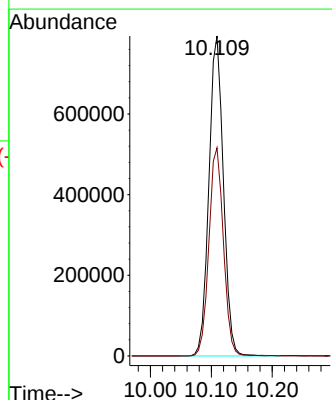
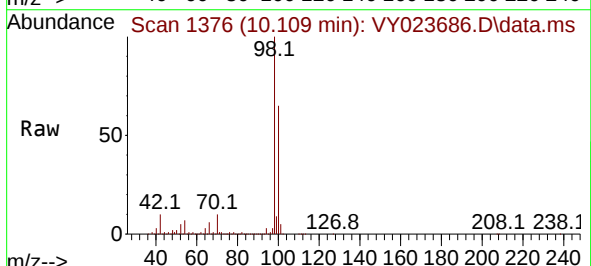
RT: 10.109 min Scan# 1376

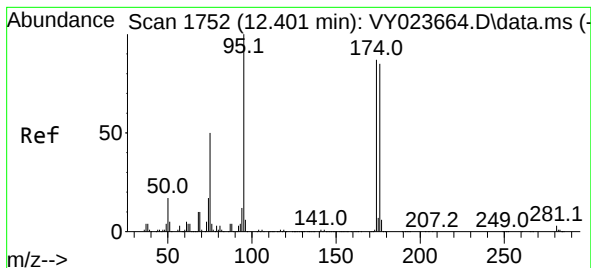
Delta R.T. 0.000 min

Lab File: VY023686.D

Acq: 05 Nov 2025 12:42

Tgt Ion:	98	Resp:	1310159
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

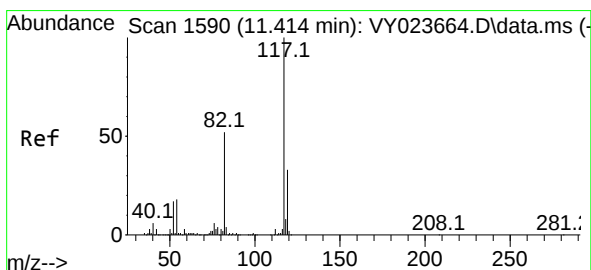
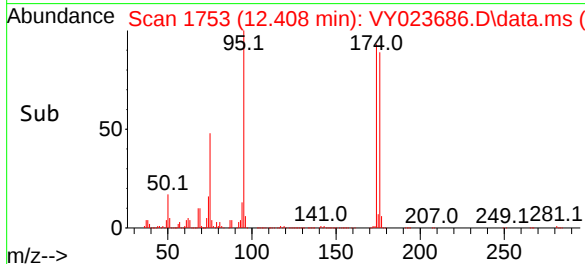
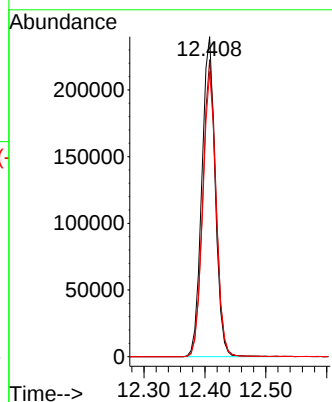
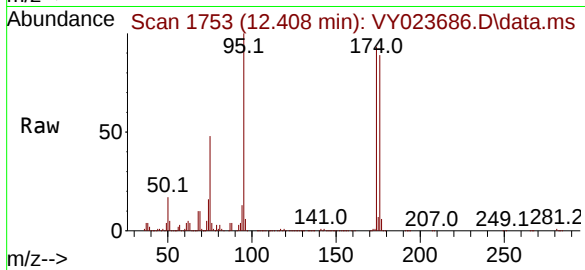




#62
4-Bromofluorobenzene
Concen: 41.942 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

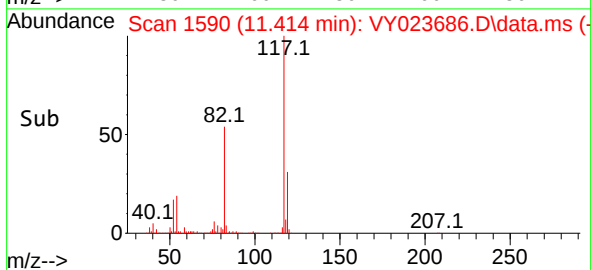
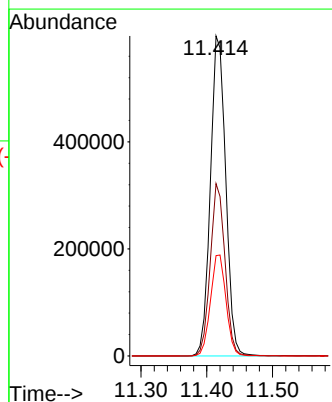
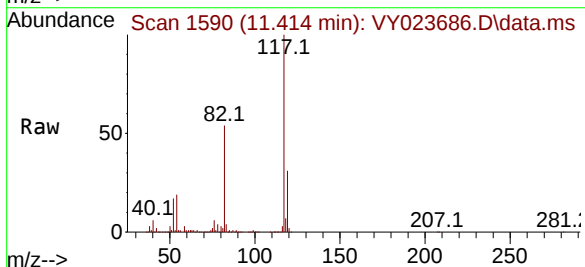
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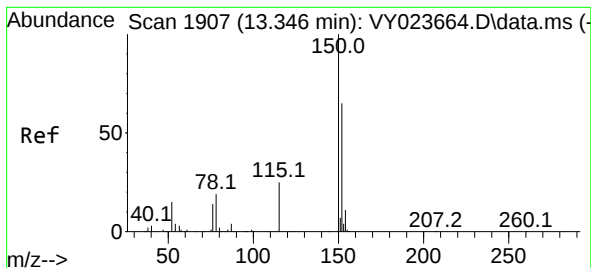
Tgt Ion: 95 Resp: 364572
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.8
176 89.0 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

Tgt Ion: 117 Resp: 970578
Ion Ratio Lower Upper
117 100
82 53.9 41.2 61.8
119 31.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023686.D

Acq: 05 Nov 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MW-17-SOIL

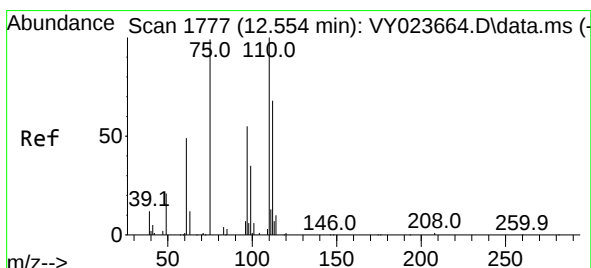
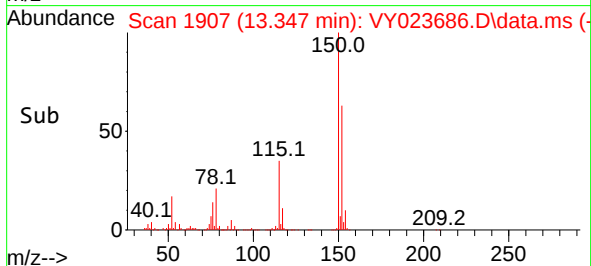
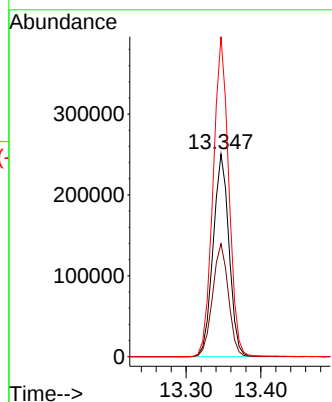
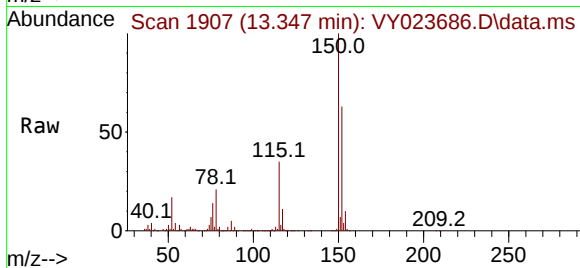
Tgt Ion:152 Resp: 370038

Ion Ratio Lower Upper

152 100

115 55.7 27.5 82.5

150 155.7 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 60.525 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY023686.D

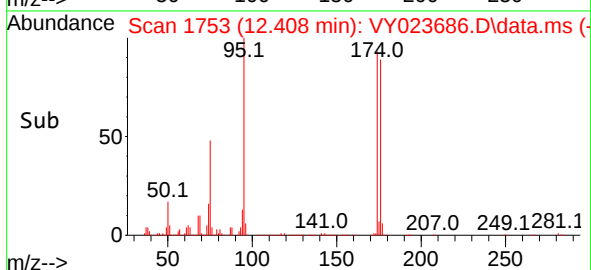
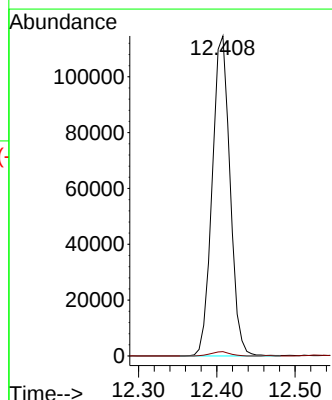
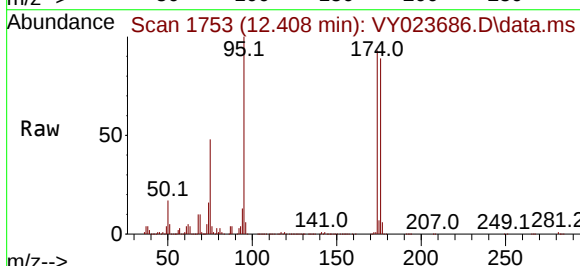
Acq: 05 Nov 2025 12:42

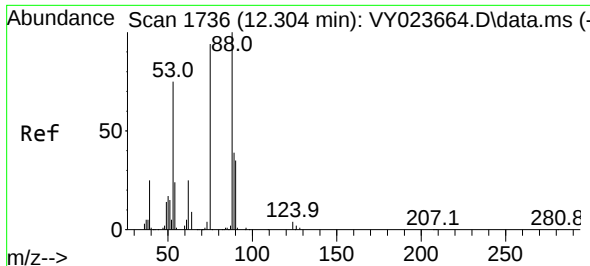
Tgt Ion: 75 Resp: 181257

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

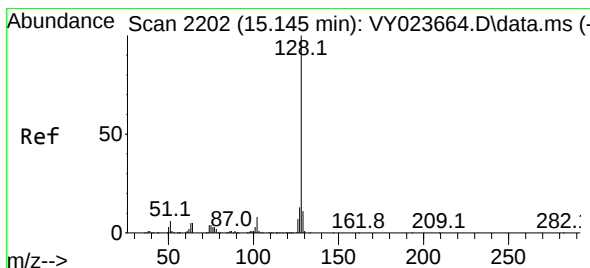
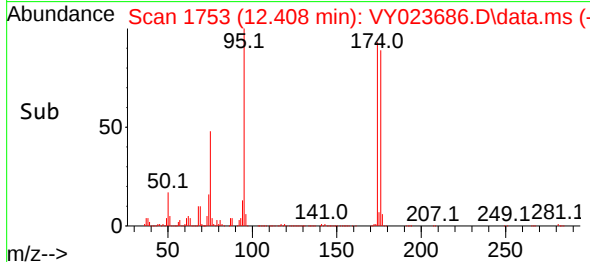
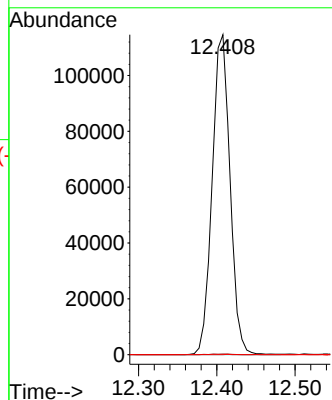
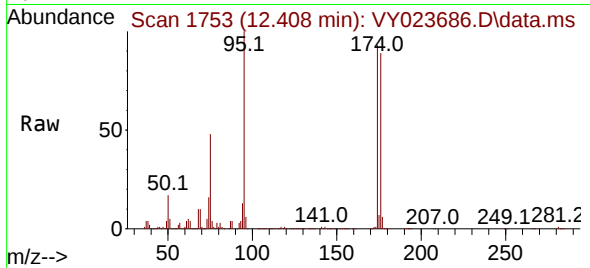




#81
trans-1,4-Dichloro-2-butene
Concen: 136.782 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MW-17-SOIL

Tgt Ion: 75 Resp: 181257
Ion Ratio Lower Upper
75 100
53 0.2 69.6 104.4#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 5.387 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY023686.D
Acq: 05 Nov 2025 12:42

Tgt Ion: 128 Resp: 1527
Ion Ratio Lower Upper
128 100
127 4.3 10.5 15.7#
129 6.0 8.8 13.2#

