

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032646.D
 Acq On : 12 Dec 2025 13:24
 Operator : SY/MD
 Sample : Q3853-02
 Misc : 6.13g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP01-MH11-VOC

Quant Time: Dec 13 00:07:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

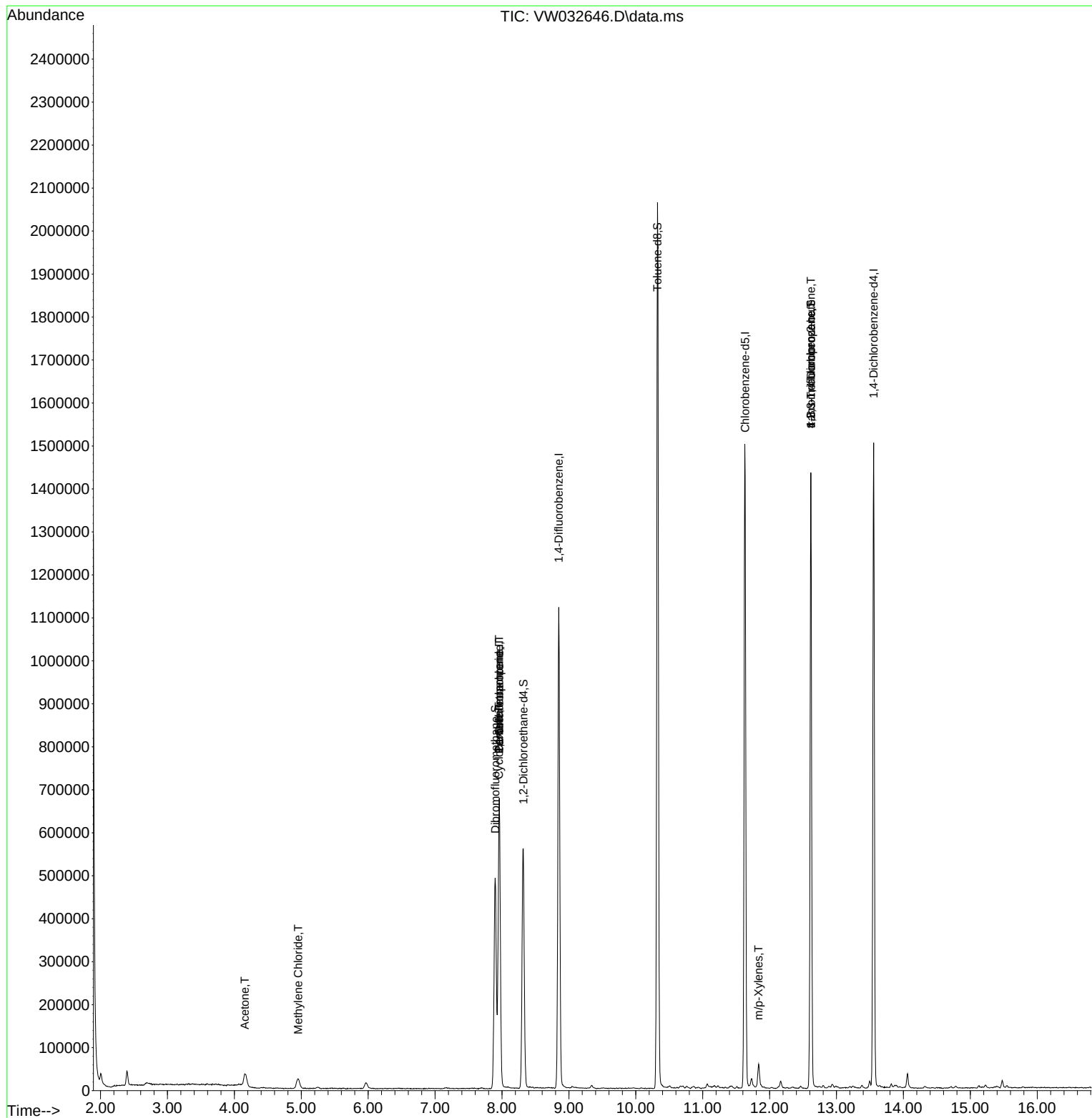
Internal Standards						
1) Pentafluorobenzene	7.959	168	465282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	915887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	788317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	357136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	464617	62.584	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 125.160%	
35) Dibromofluoromethane	7.898	113	366311	55.714	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.420%	
50) Toluene-d8	10.324	98	1331318	56.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 113.280%	
62) 4-Bromofluorobenzene	12.617	95	495183	57.381	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 114.760%	
Target Compounds						
16) Acetone	4.155	43	53352	21.888	ug/l	96
20) Methylene Chloride	4.954	84	18800	2.526	ug/l	92
31) Cyclohexane	7.953	56	13279	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	44748	4.746	ug/l #	52
38) Carbon Tetrachloride	7.959	117	51633	5.920	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.965	63	263	Below Cal		96
68) m/p-Xylenes	11.836	106	15111	1.266	ug/l	97
76) 1,2,3-Trichloropropane	12.617	75	251613	52.503	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	251613	103.297	ug/l #	7
95) Naphthalene	15.366	128	1977	Below Cal	#	93

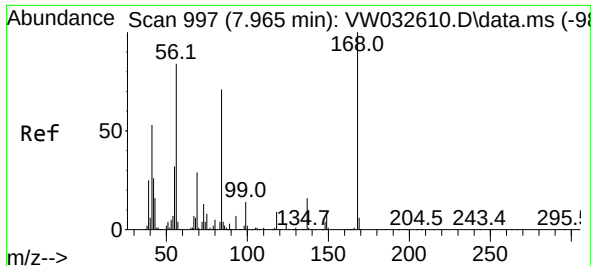
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
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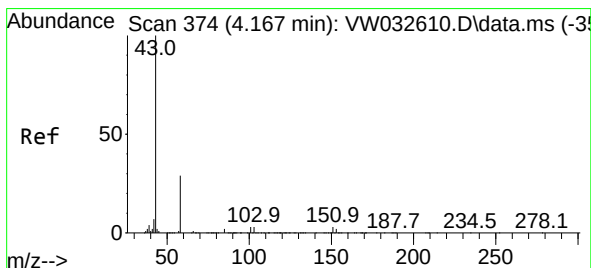
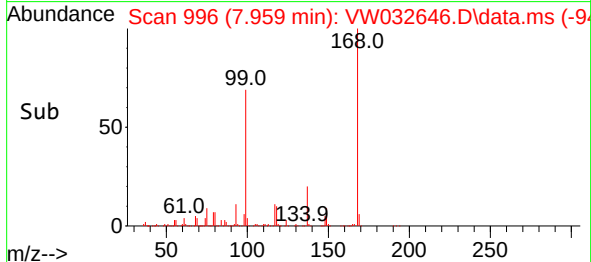
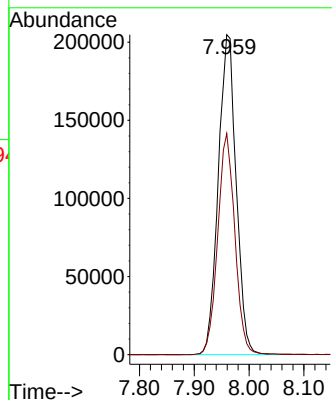
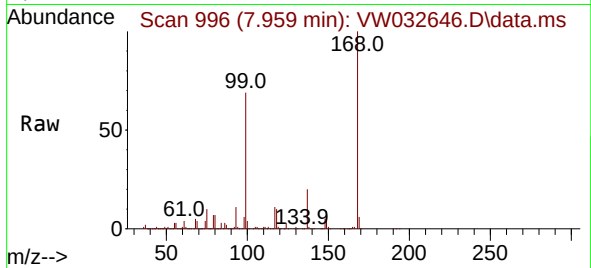




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

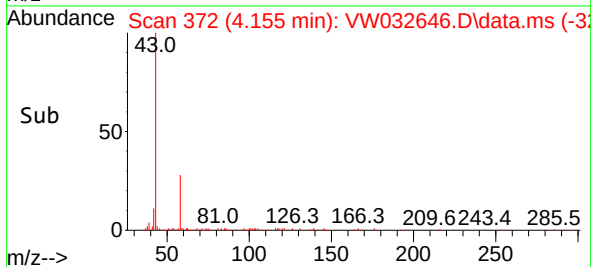
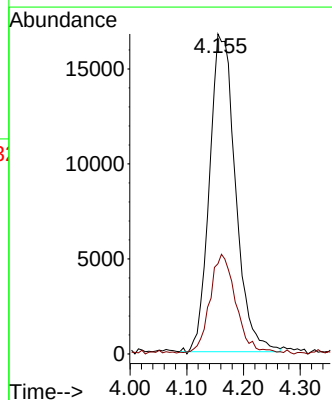
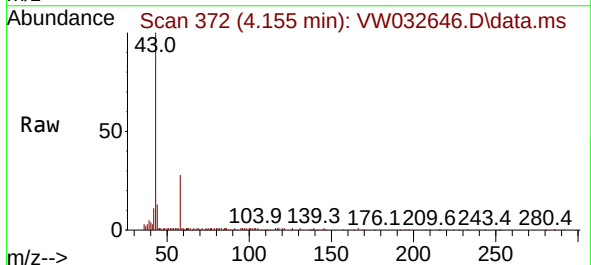
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MSVOA_W
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TP01-MH11-VOC

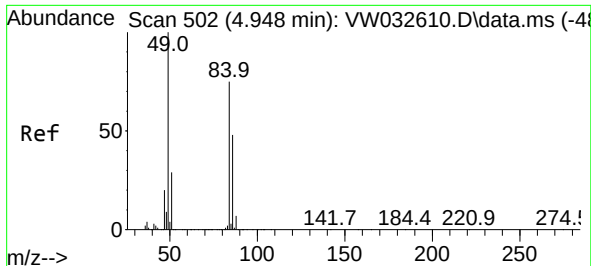
Tgt Ion:168 Resp: 465282
Ion Ratio Lower Upper
168 100
99 69.1 47.8 71.8



#16
Acetone
Concen: 21.888 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 43 Resp: 53352
Ion Ratio Lower Upper
43 100
58 27.8 23.9 35.9

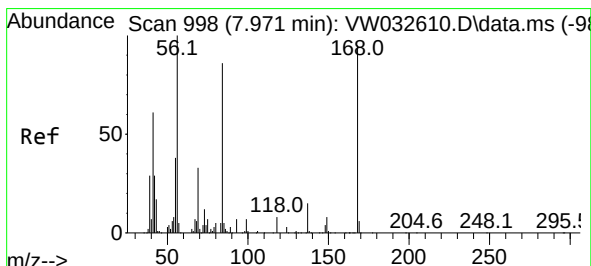
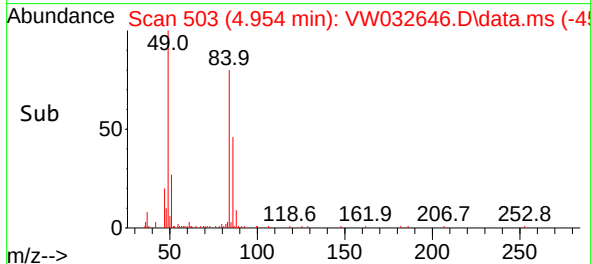
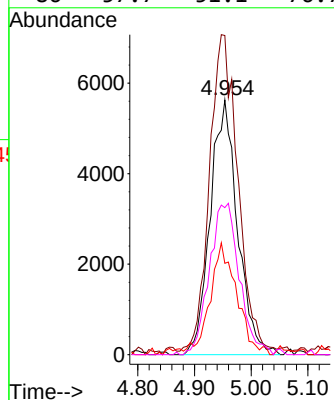
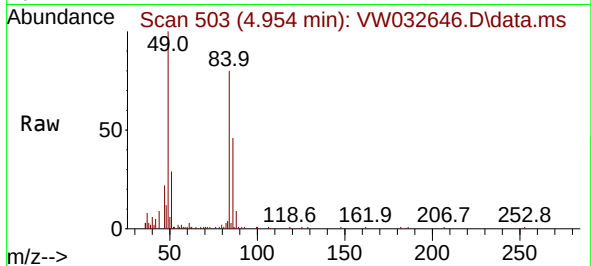




#20
Methylene Chloride
Concen: 2.526 ug/l
RT: 4.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

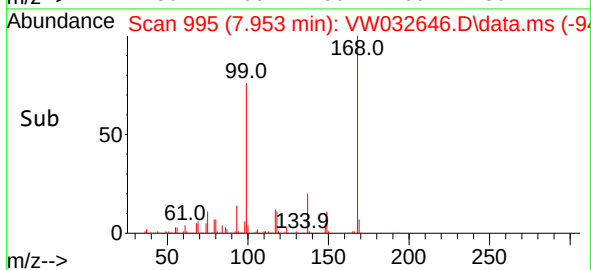
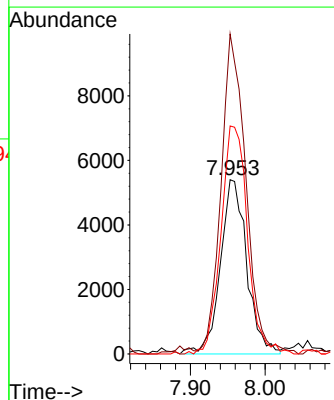
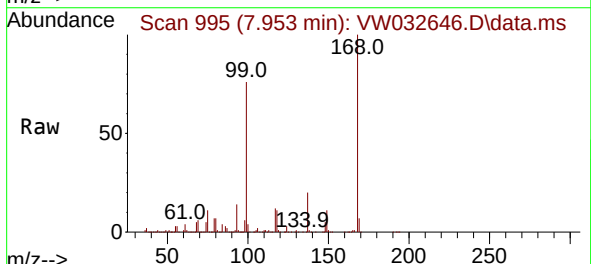
Instrument :
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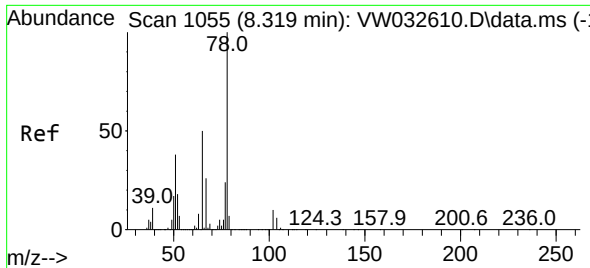
Tgt Ion:	84	Resp:	18800
Ion	Ratio	Lower	Upper
84	100		
49	123.9	106.9	160.3
51	33.5	31.4	47.2
86	57.7	51.1	76.7



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion:	56	Resp:	13279
Ion	Ratio	Lower	Upper
56	100		
69	179.8	26.2	39.2#
84	129.3	68.9	103.3#

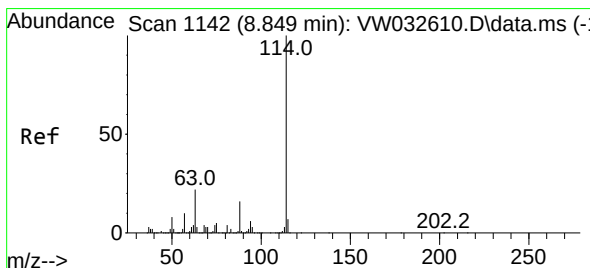
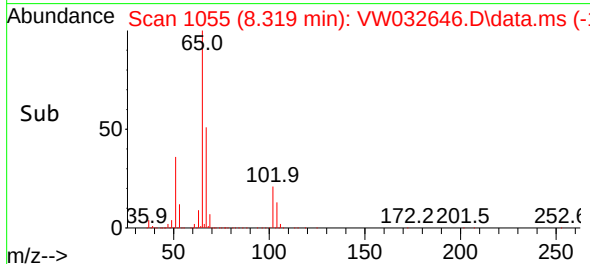
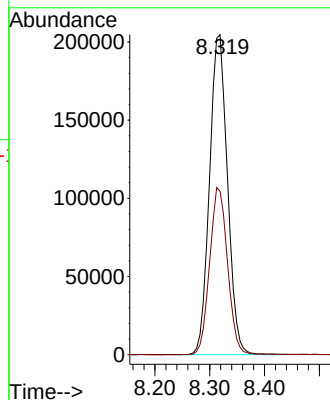
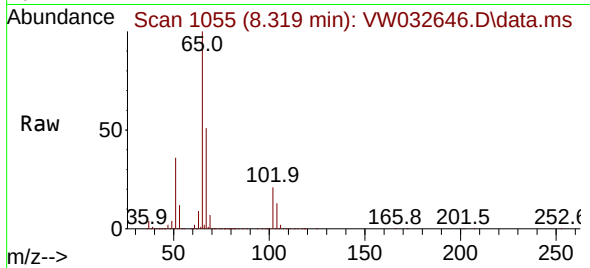




#33
 1,2-Dichloroethane-d4
 Concen: 62.584 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032646.D
 Acq: 12 Dec 2025 13:24

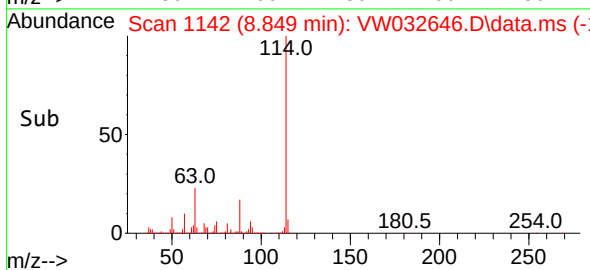
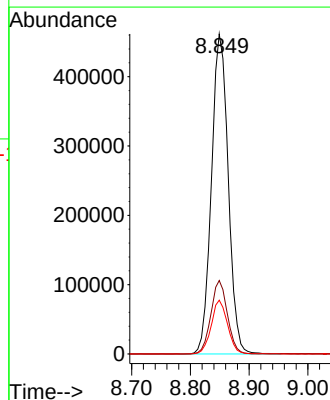
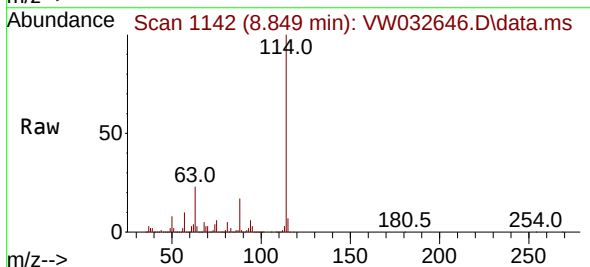
Instrument :
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 ClientSampleId :
 TP01-MH11-VOC

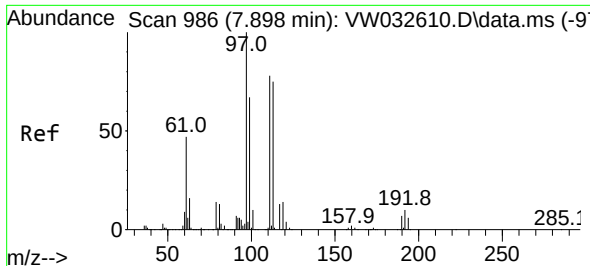
Tgt Ion: 65 Resp: 464617
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032646.D
 Acq: 12 Dec 2025 13:24

Tgt Ion: 114 Resp: 915887
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 44.6
 88 16.8 0.0 31.8

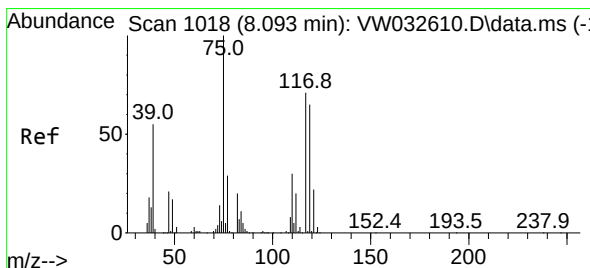
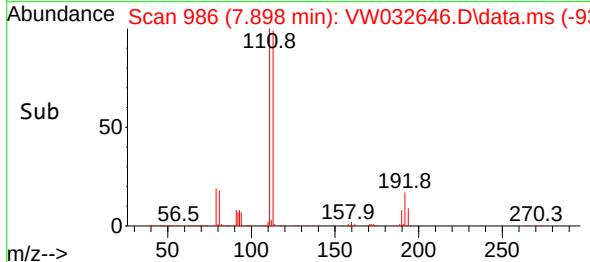
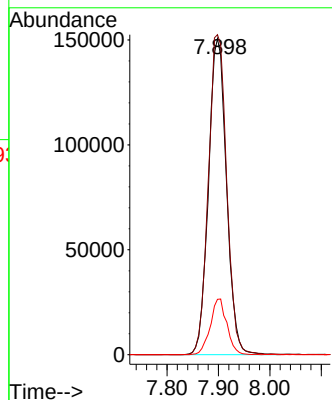
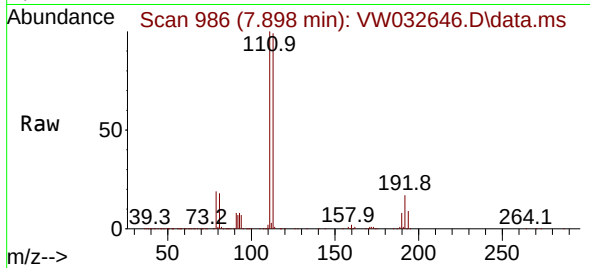




#35
Dibromofluoromethane
Concen: 55.714 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

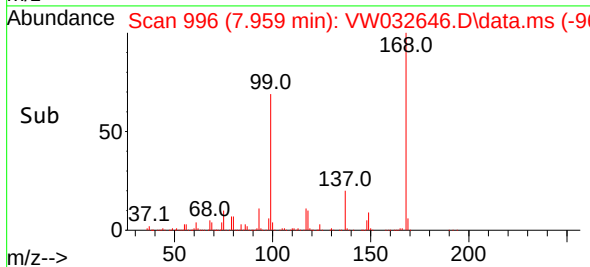
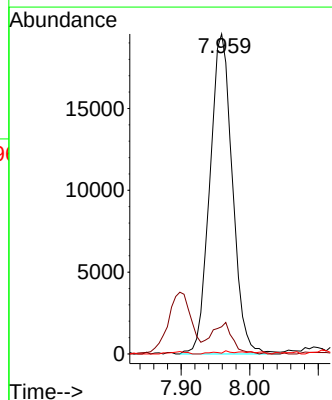
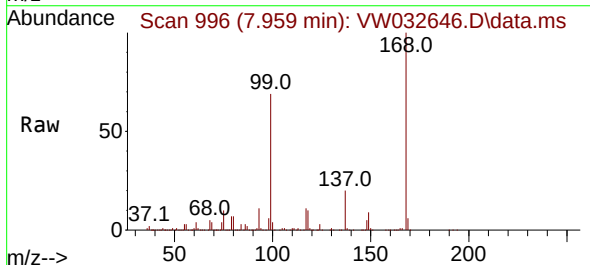
Instrument :
MSVOA_W
ClientSampleId :
TP01-MH11-VOC

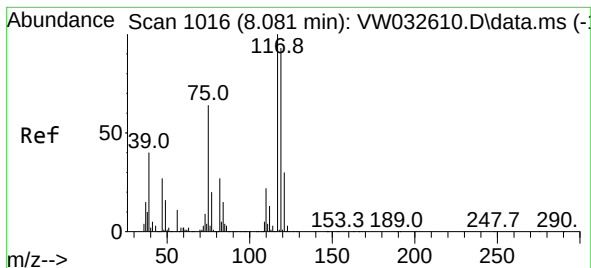
Tgt Ion:113 Resp: 366311
Ion Ratio Lower Upper
113 100
111 103.0 85.2 127.8
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 75 Resp: 44748
Ion Ratio Lower Upper
75 100
110 9.2 16.3 48.9#
77 0.6 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.920 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032646.D

Acq: 12 Dec 2025 13:24

Instrument :

MSVOA_W

ClientSampleId :

TP01-MH11-VOC

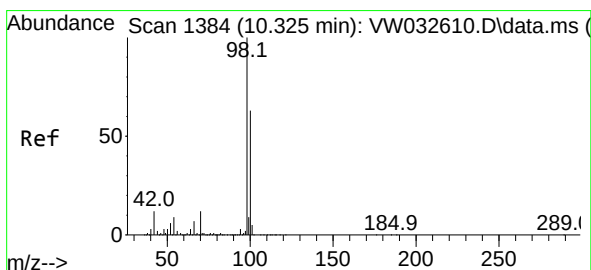
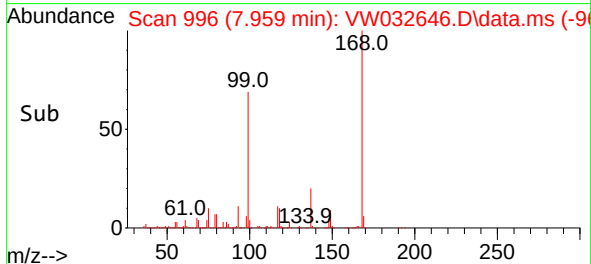
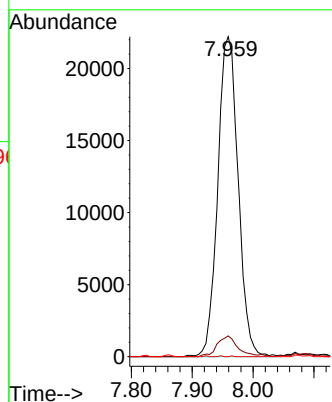
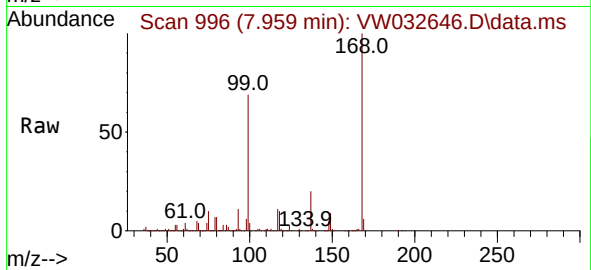
Tgt Ion:117 Resp: 51633

Ion Ratio Lower Upper

117 100

119 6.5 74.3 111.5#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 56.640 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032646.D

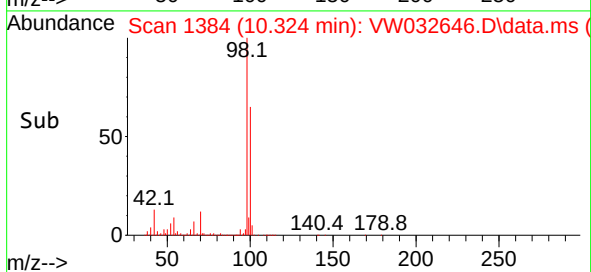
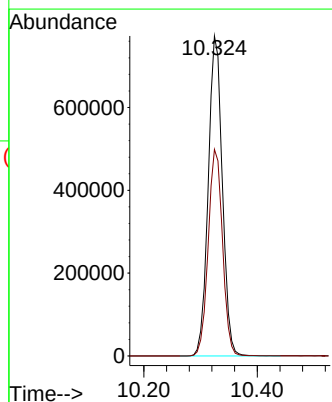
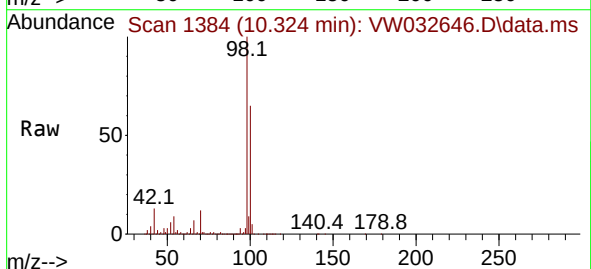
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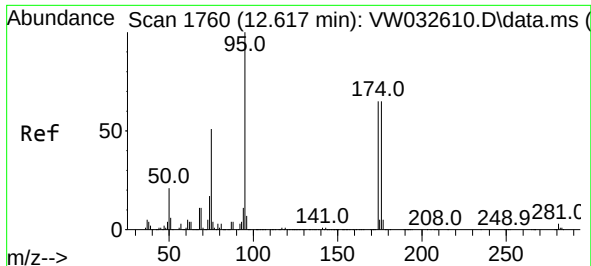
Tgt Ion: 98 Resp: 1331318

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2

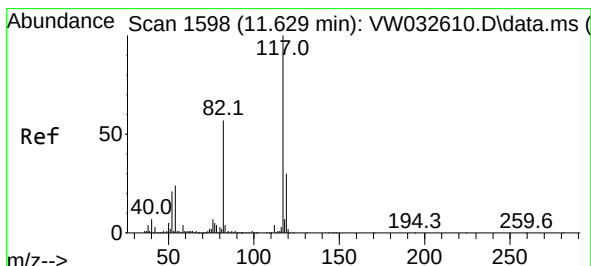
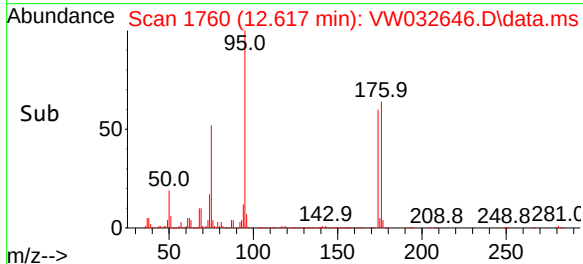
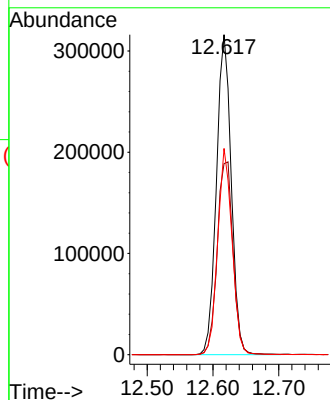
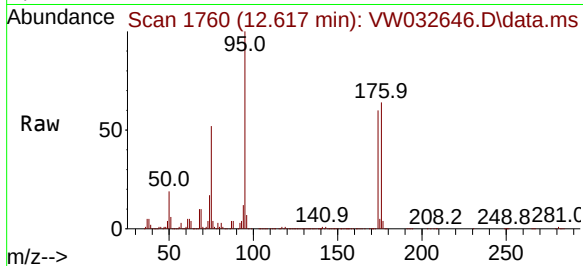




#62
4-Bromofluorobenzene
Concen: 57.381 ug/l
RT: 12.617 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

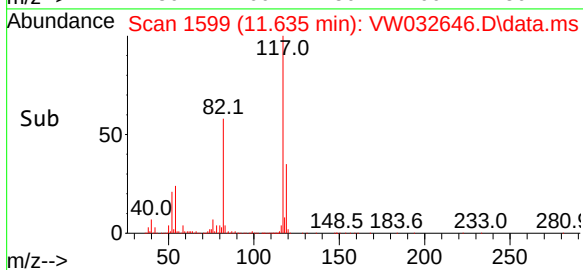
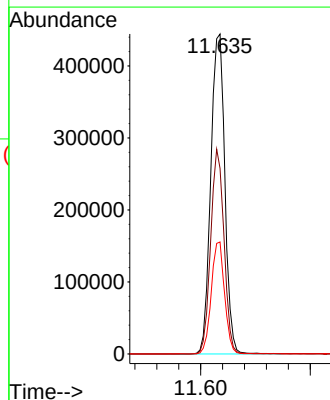
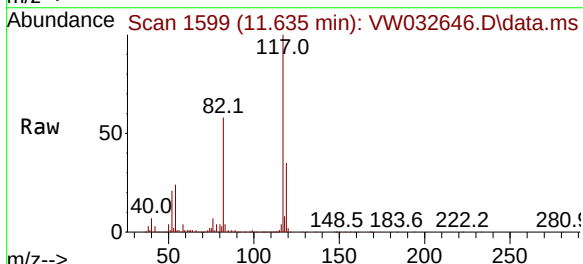
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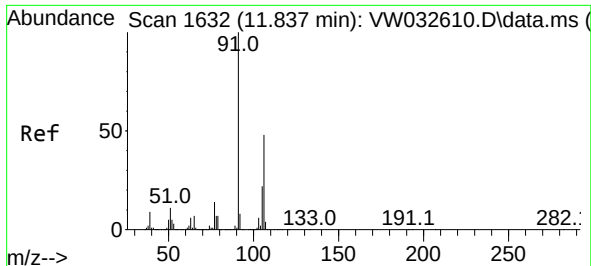
Tgt Ion: 95 Resp: 495183
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.0
176 62.8 0.0 123.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 117 Resp: 788317
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 35.0 23.8 35.8

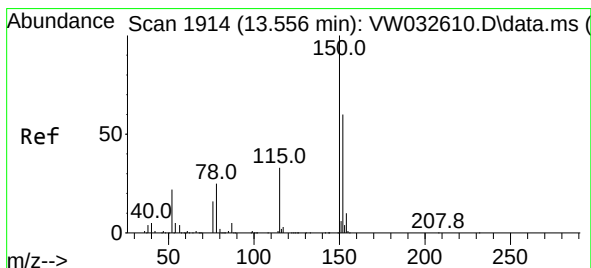
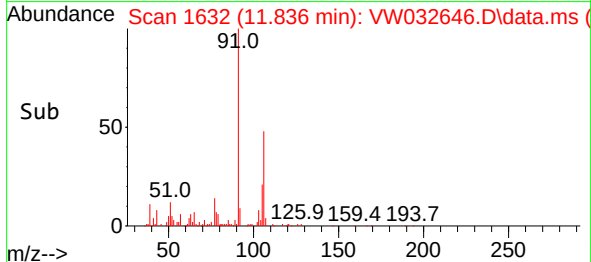
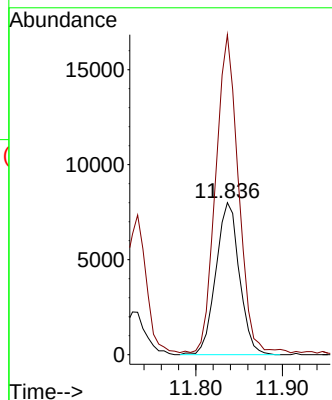
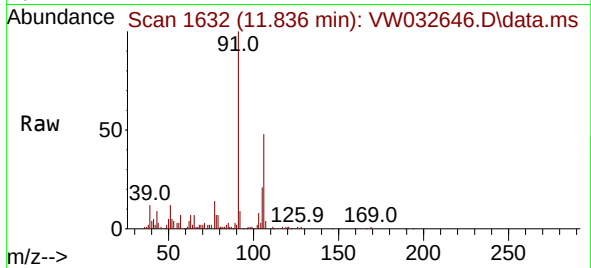




#68
m/p-Xylenes
Concen: 1.266 ug/l
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

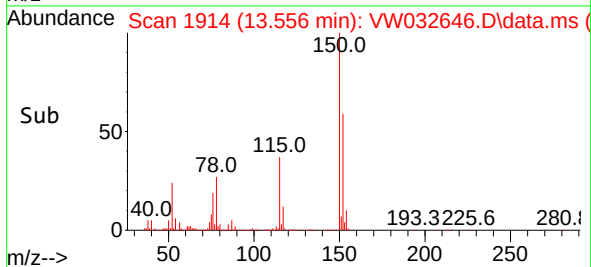
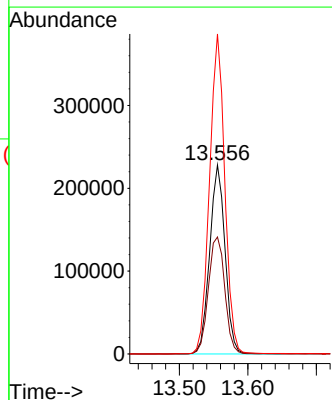
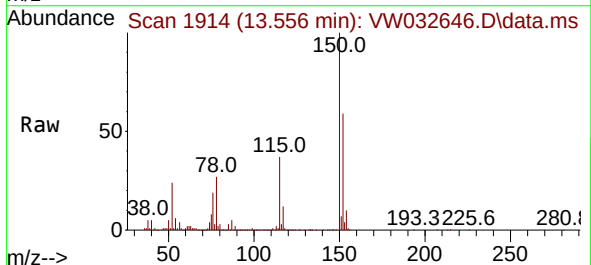
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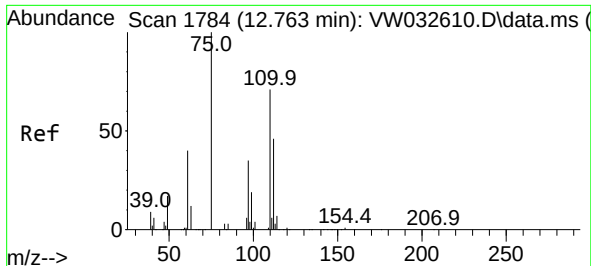
Tgt Ion:106 Resp: 15111
Ion Ratio Lower Upper
106 100
91 201.7 165.6 248.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion:152 Resp: 357136
Ion Ratio Lower Upper
152 100
115 65.9 33.8 101.3
150 167.5 0.0 369.4

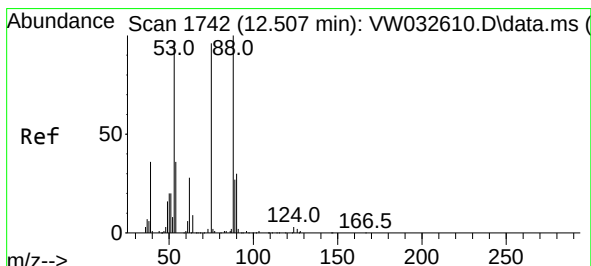
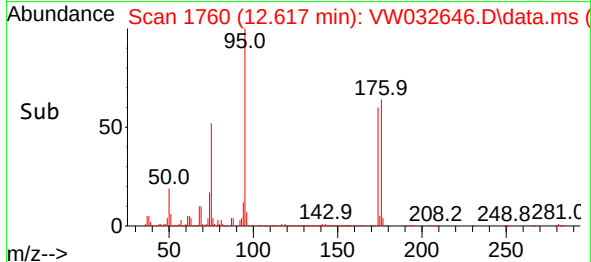
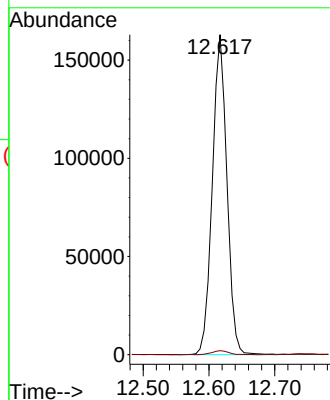
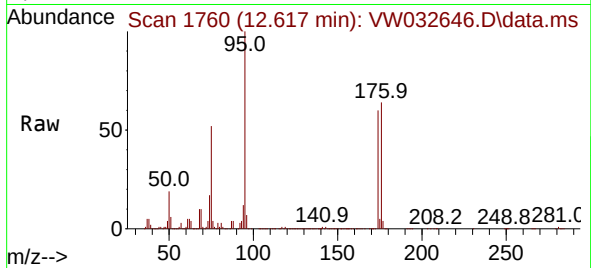




#76
1,2,3-Trichloropropane
Concen: 52.503 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Instrument :
MSVOA_W
ClientSampleId :
TP01-MH11-VOC

Tgt Ion: 75 Resp: 251613
Ion Ratio Lower Upper
75 100
77 1.5 154.0 462.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.297 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW032646.D
Acq: 12 Dec 2025 13:24

Tgt Ion: 75 Resp: 251613
Ion Ratio Lower Upper
75 100
53 0.1 86.1 129.1#
89 0.0 37.4 56.2#

