

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072525\
 Data File : VW031930.D
 Acq On : 25 Jul 2025 10:01
 Operator : SY/MD
 Sample : VW0725SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBL01

Quant Time: Jul 25 23:02:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

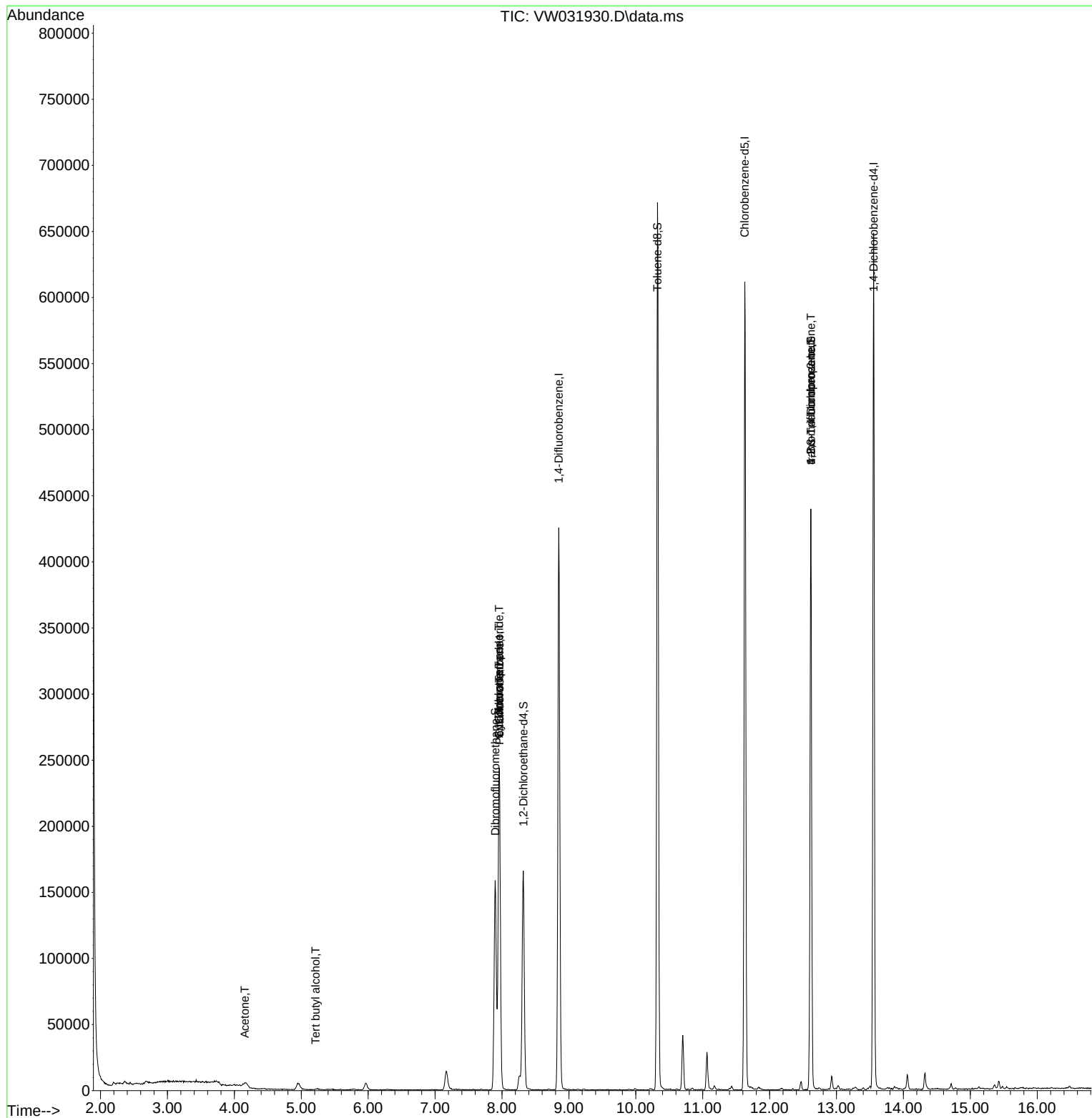
Internal Standards						
1) Pentafluorobenzene	7.965	168	167665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	355852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	331299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137939	54.385	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 108.760%		
35) Dibromofluoromethane	7.898	113	116855	48.326	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 96.660%		
50) Toluene-d8	10.325	98	439579	48.033	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 96.060%		
62) 4-Bromofluorobenzene	12.617	95	157909	44.937	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 89.880%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.216	59	507	3.401	ug/l #	72
13) Acrolein	3.948	56	174	Below Cal	#	14
16) Acetone	4.155	43	4787	7.954	ug/l	89
20) Methylene Chloride	4.954	84	4177	Below Cal		91
31) Cyclohexane	7.953	56	4172	1.073	ug/l #	15
36) 1,1-Dichloropropene	7.953	75	16520	4.449	ug/l #	50
38) Carbon Tetrachloride	7.959	117	20040	5.623	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	82097	38.589	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	82097	89.092	ug/l #	8

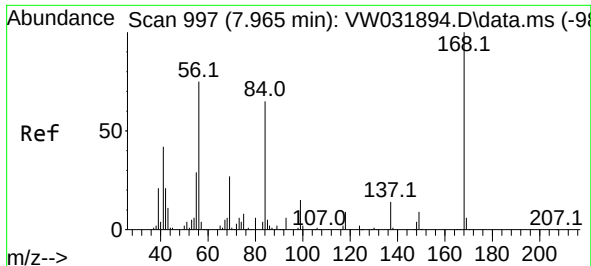
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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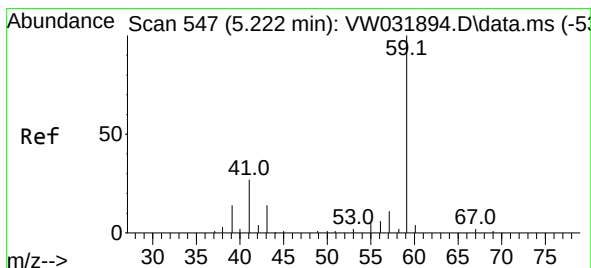
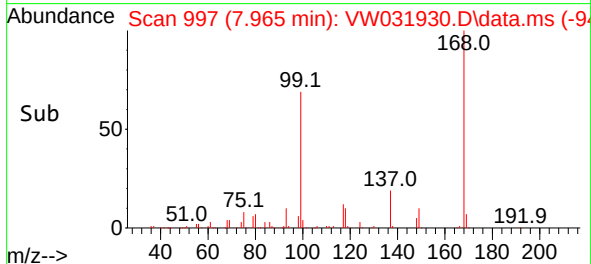
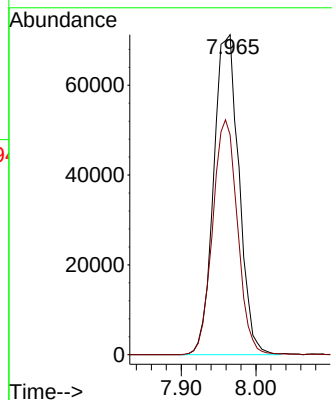
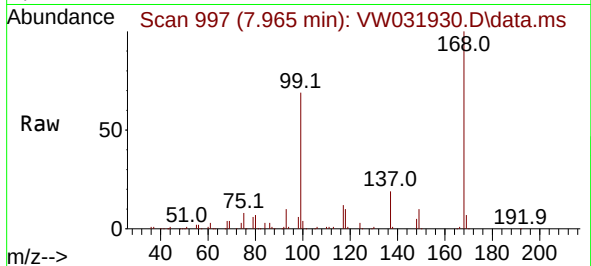




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

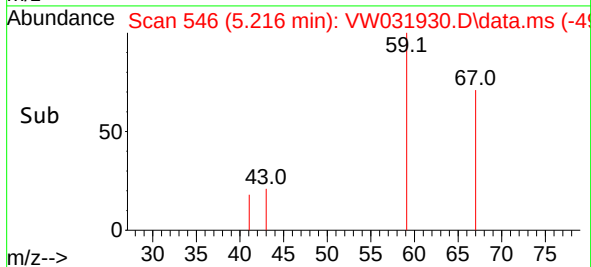
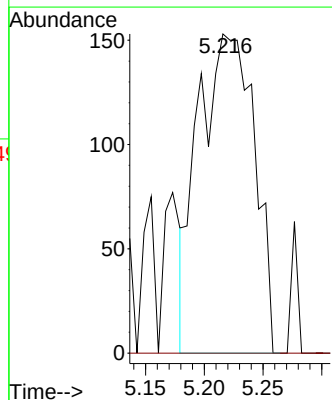
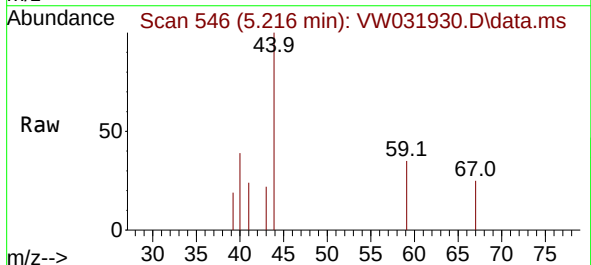
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBL01

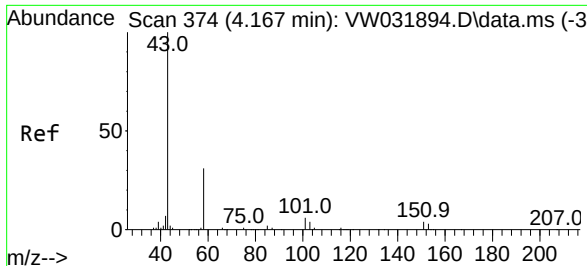
Tgt Ion:168 Resp: 167665
Ion Ratio Lower Upper
168 100
99 68.7 48.2 72.2



#11
Tert butyl alcohol
Concen: 3.401 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

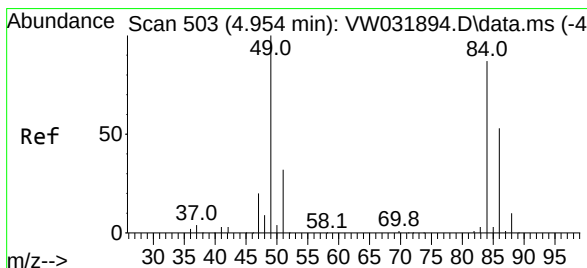
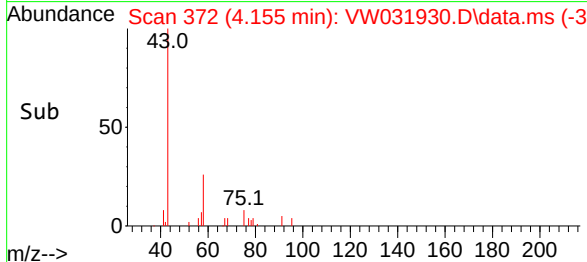
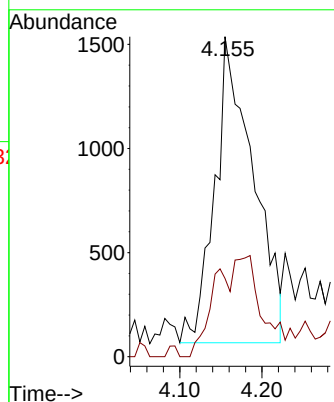
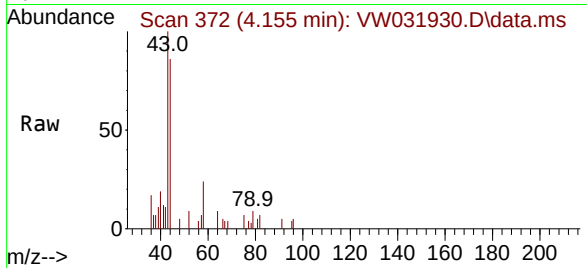




#16
Acetone
Concen: 7.954 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

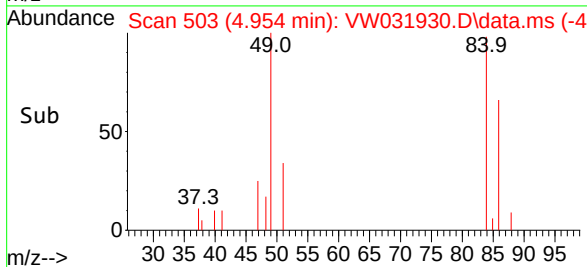
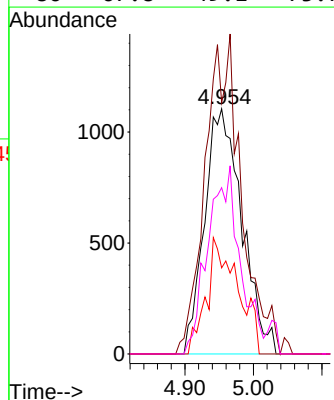
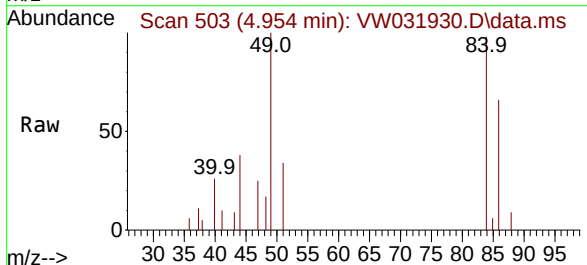
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBL01

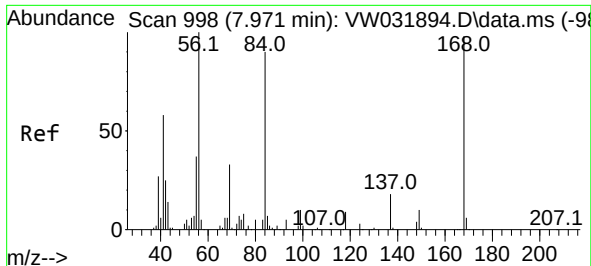
Tgt Ion: 43 Resp: 4787
Ion Ratio Lower Upper
43 100
58 25.6 25.5 38.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 84 Resp: 4177
Ion Ratio Lower Upper
84 100
49 102.4 91.9 137.9
51 35.1 29.0 43.6
86 67.8 49.1 73.7

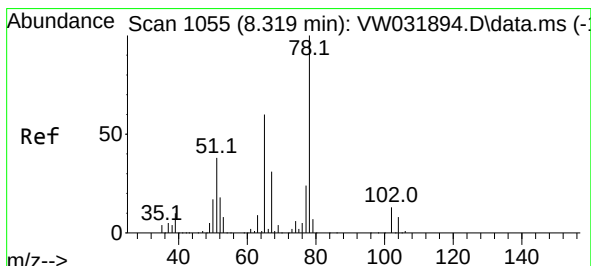
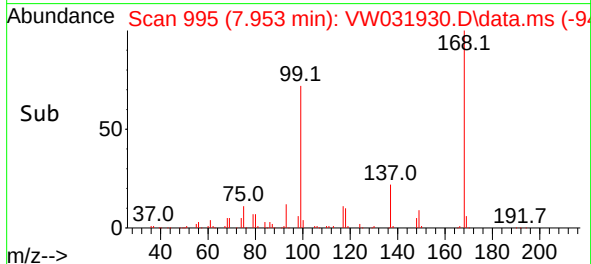
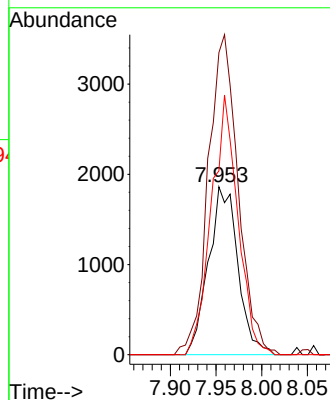
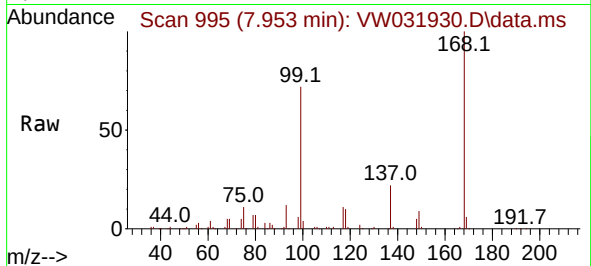




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.953 min Scan# 998
Delta R.T. -0.018 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

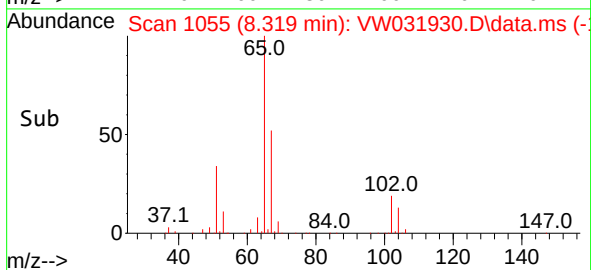
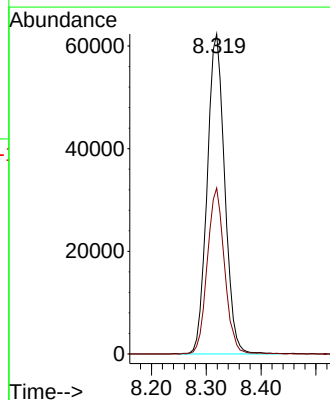
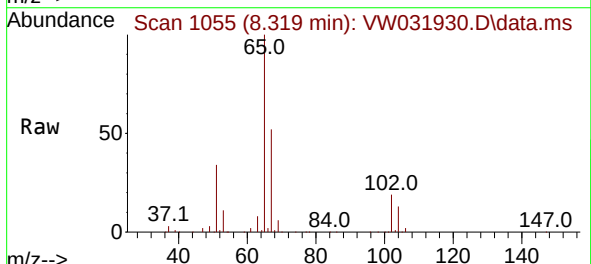
Instrument :
MSVOA_W
ClientSampleId :
VW0725SBL01

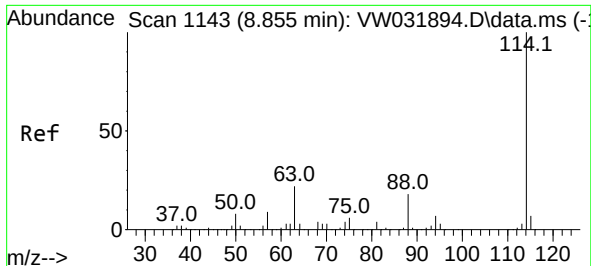
Tgt Ion: 56 Resp: 4172
Ion Ratio Lower Upper
56 100
69 179.9 26.7 40.1#
84 109.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.385 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 65 Resp: 137939
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031930.D

Acq: 25 Jul 2025 10:01

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBL01

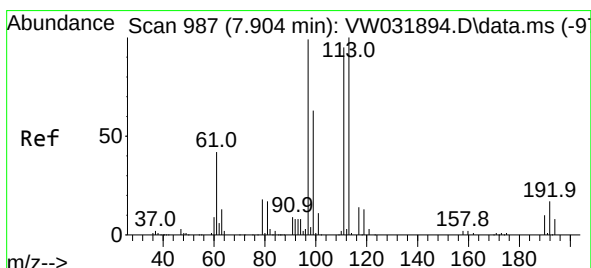
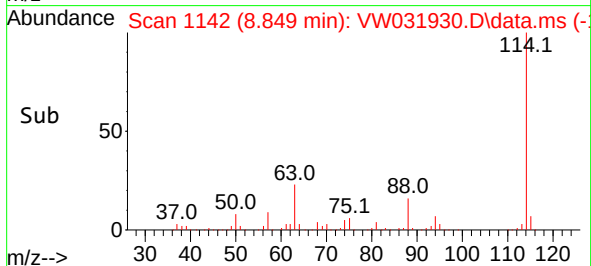
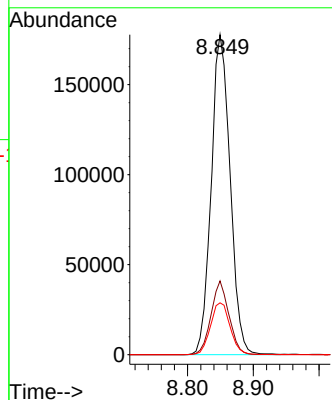
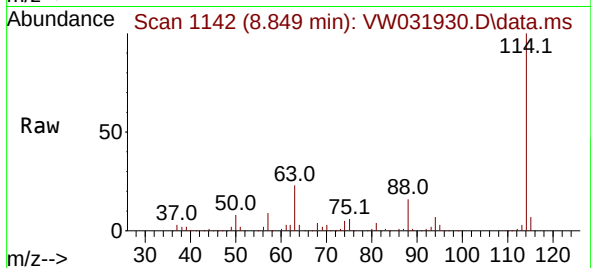
Tgt Ion:114 Resp: 355852

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

88 16.2 0.0 35.6



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031930.D

Acq: 25 Jul 2025 10:01

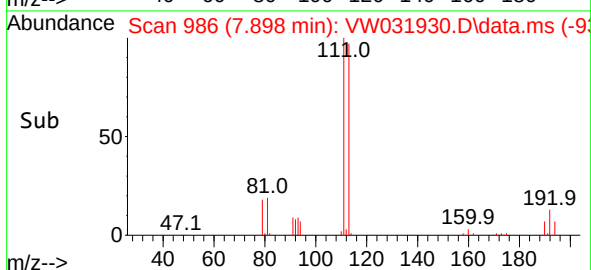
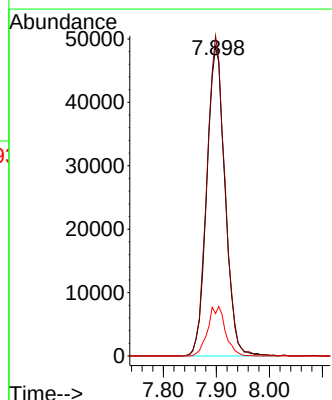
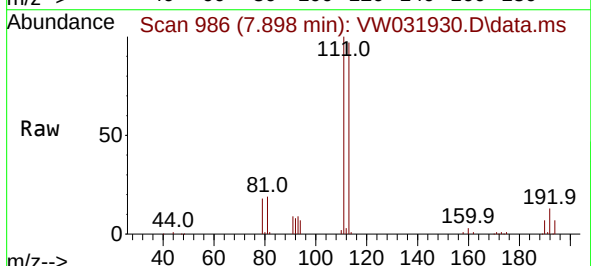
Tgt Ion:113 Resp: 116855

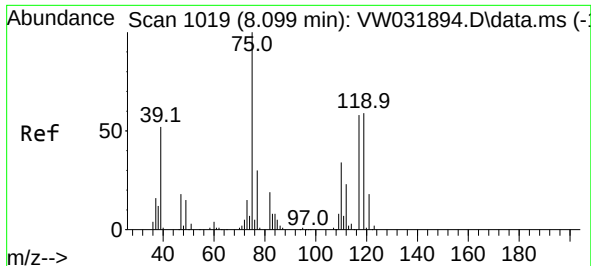
Ion Ratio Lower Upper

113 100

111 102.0 79.9 119.9

192 15.5 12.6 19.0

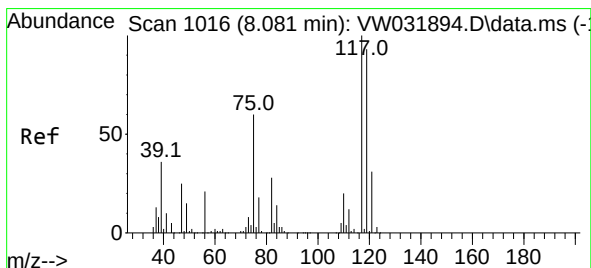
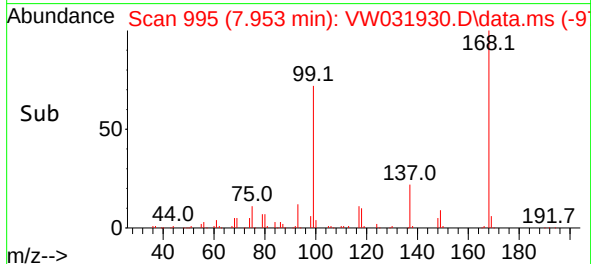
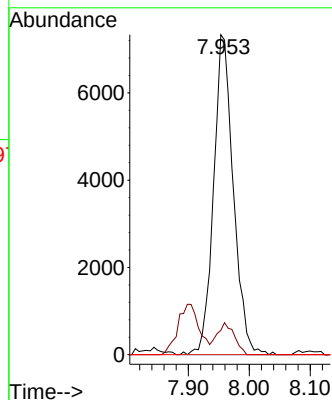
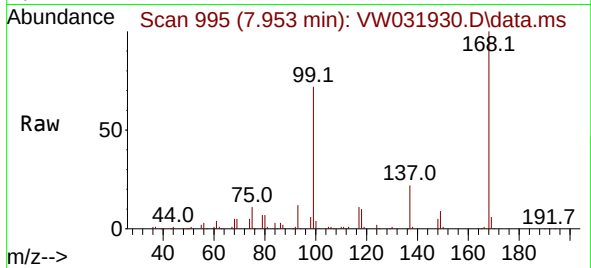




#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.146 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

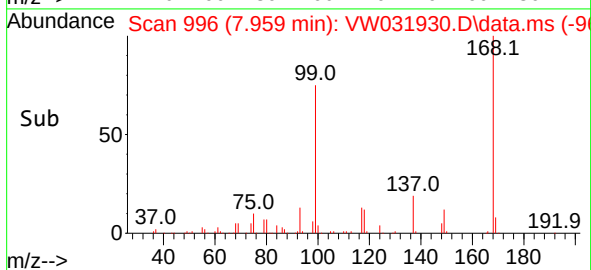
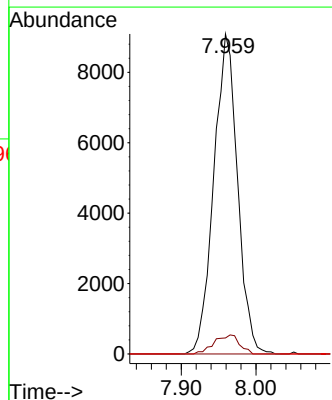
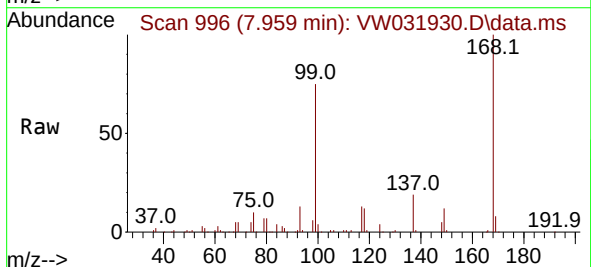
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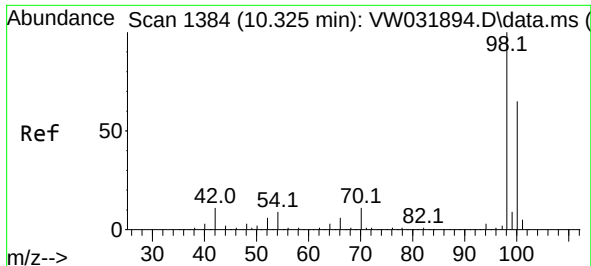
Tgt Ion: 75 Resp: 16520
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.122 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 117 Resp: 20040
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 24.6 37.0#

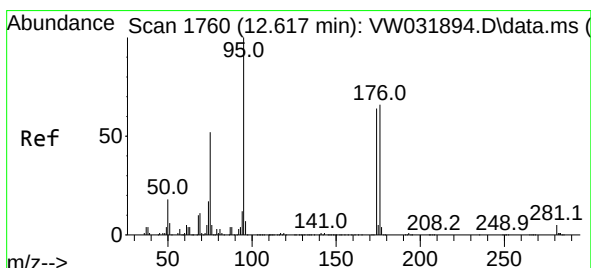
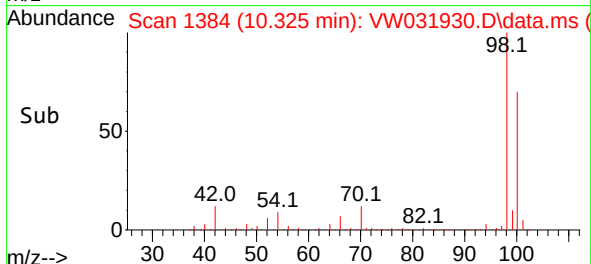
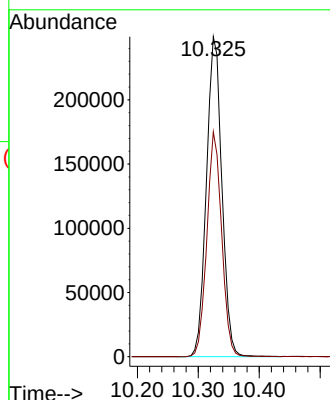
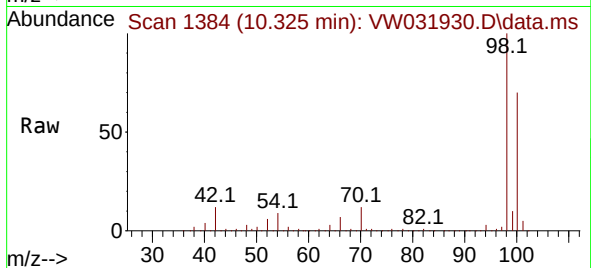




#50
Toluene-d8
Concen: 48.033 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

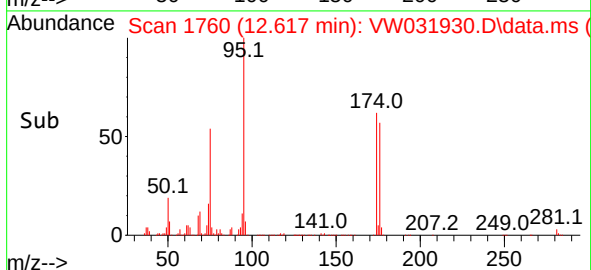
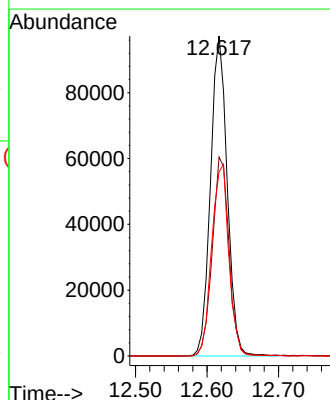
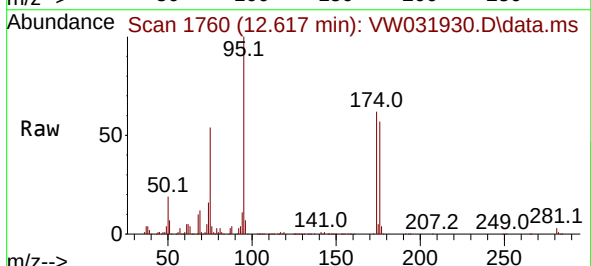
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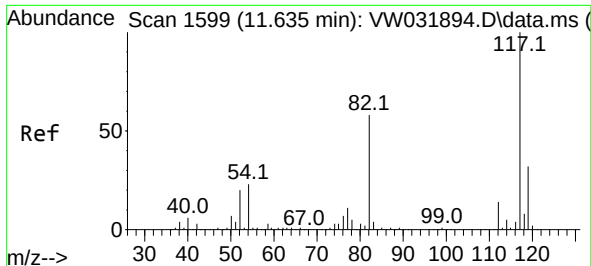
Tgt Ion: 98 Resp: 439579
Ion Ratio Lower Upper
98 100
100 67.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 95 Resp: 157909
Ion Ratio Lower Upper
95 100
174 62.1 0.0 129.8
176 61.4 0.0 130.4

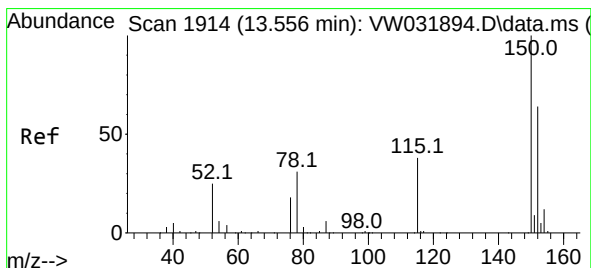
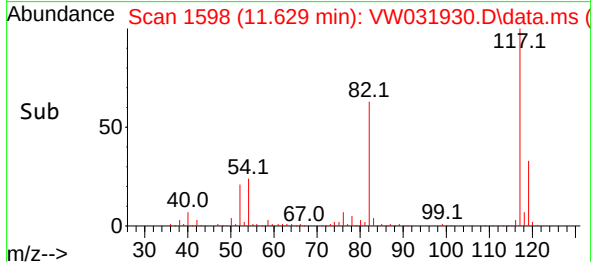
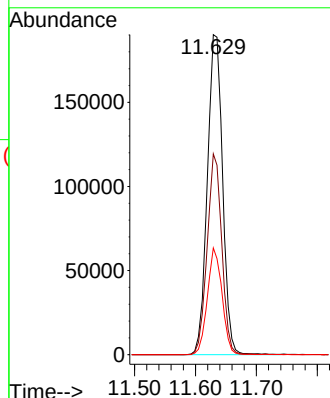
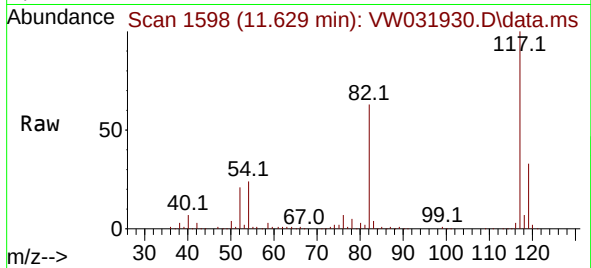




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

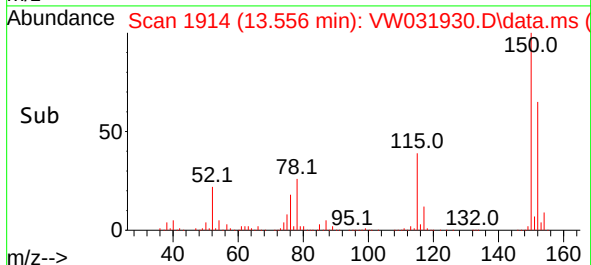
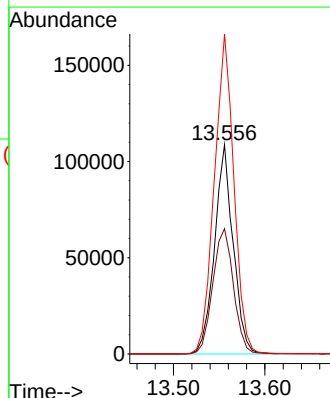
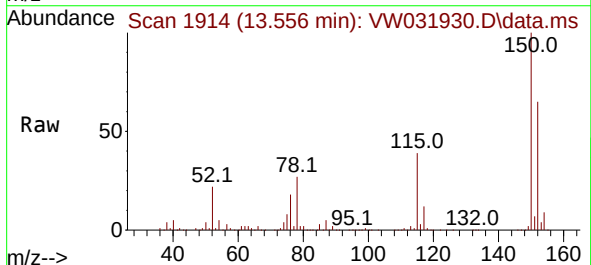
Instrument :
MSVOA_W
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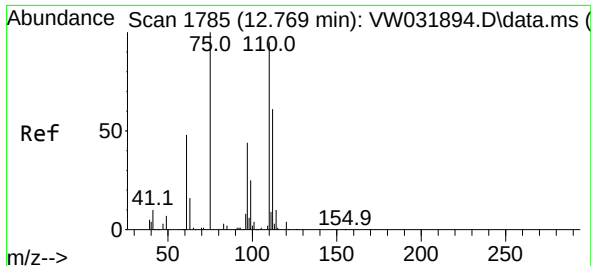
Tgt Ion:117 Resp: 331299
Ion Ratio Lower Upper
117 100
82 62.8 46.5 69.7
119 33.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion:152 Resp: 154091
Ion Ratio Lower Upper
152 100
115 66.5 33.4 100.1
150 160.9 0.0 352.2

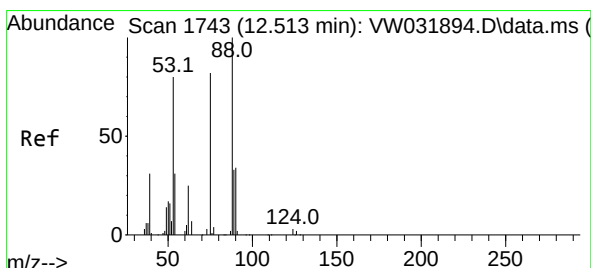
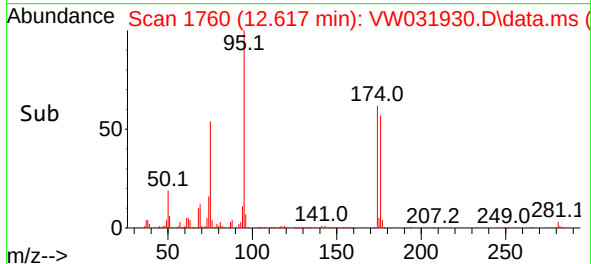
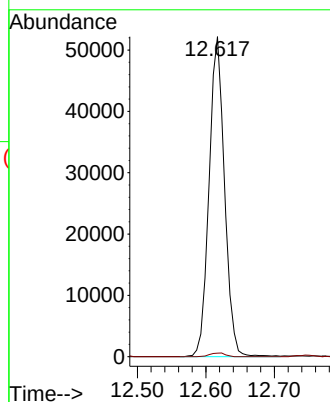
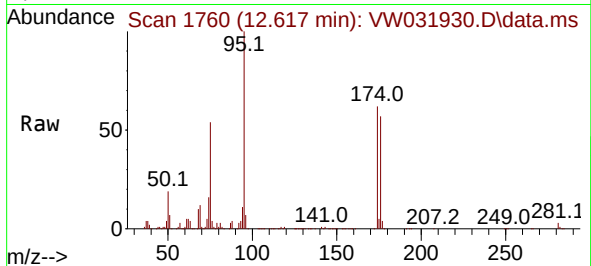




#76
1,2,3-Trichloropropane
Concen: 38.589 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Instrument :
MSVOA_W
ClientSampleId :
VW0725SBL01

Tgt Ion: 75 Resp: 82097
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.092 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW031930.D
Acq: 25 Jul 2025 10:01

Tgt Ion: 75 Resp: 82097
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 39.0 58.6#

