

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031837.D
 Acq On : 14 Jul 2025 09:46
 Operator : SY/MD
 Sample : VW0714SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBL01

Quant Time: Jul 15 02:39:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

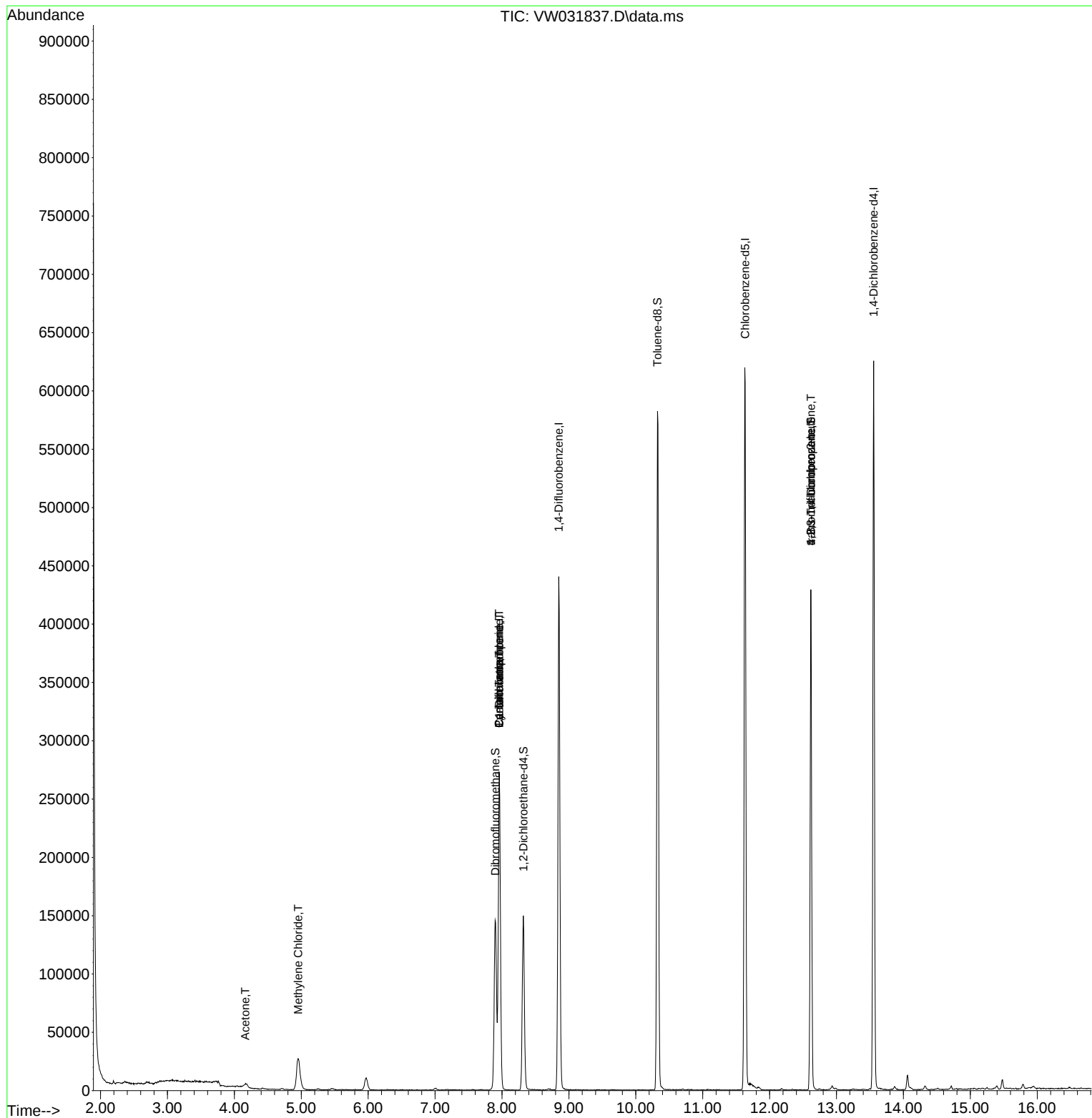
Internal Standards						
1) Pentafluorobenzene	7.959	168	179274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	123390	47.960	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	95.920%	
35) Dibromofluoromethane	7.898	113	110604	47.084	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	94.160%	
50) Toluene-d8	10.324	98	392793	44.932	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	89.860%	
62) 4-Bromofluorobenzene	12.617	95	148493	46.158	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	92.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	2092	3.290	ug/l	90
20) Methylene Chloride	4.953	84	25597	6.138	ug/l	92
31) Cyclohexane	7.959	56	4543	1.240	ug/l #	5
36) 1,1-Dichloropropene	7.959	75	16853	4.958	ug/l #	50
38) Carbon Tetrachloride	7.959	117	21353	6.164	ug/l #	17
76) 1,2,3-Trichloropropane	12.617	75	77507	38.895	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	77507	90.592	ug/l #	8

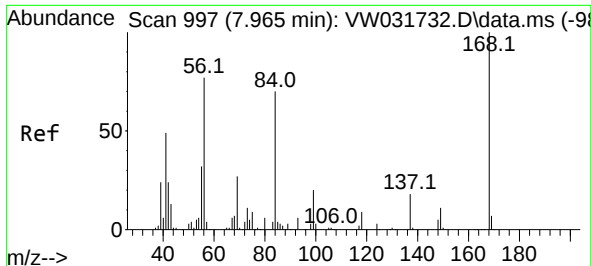
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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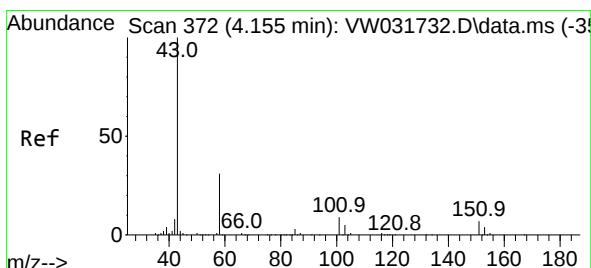
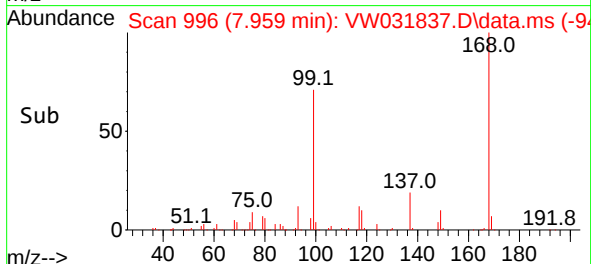
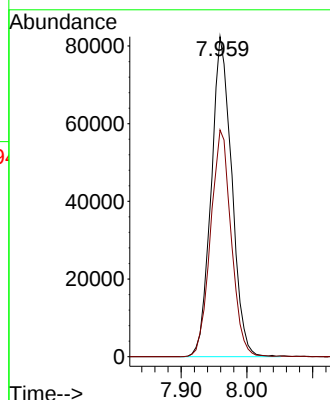
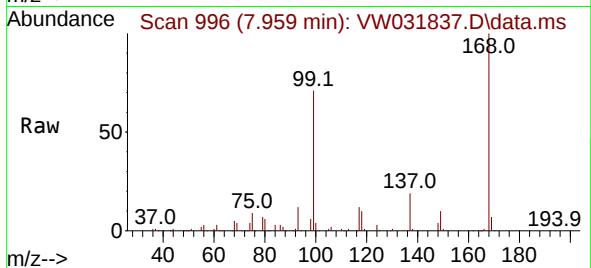




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

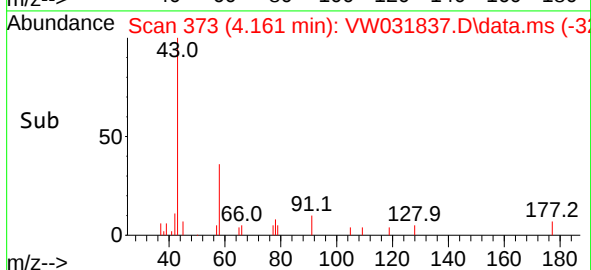
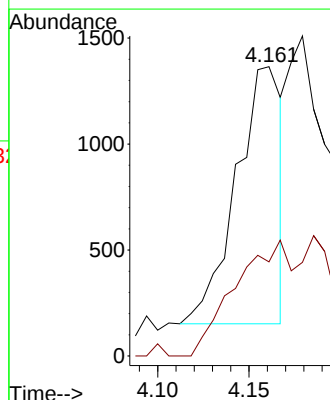
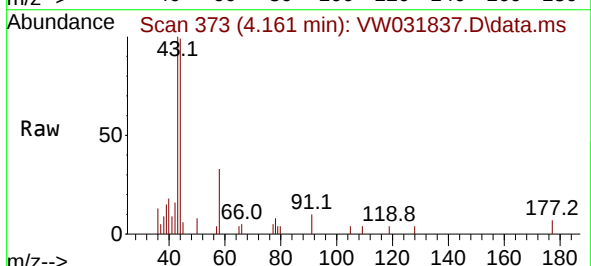
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

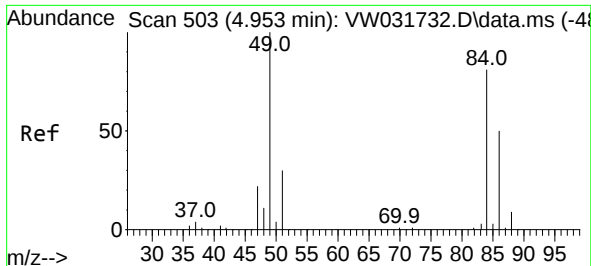
Tgt Ion:168 Resp: 179274
Ion Ratio Lower Upper
168 100
99 70.9 49.4 74.2



#16
Acetone
Concen: 3.290 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 36.6 24.8 37.2

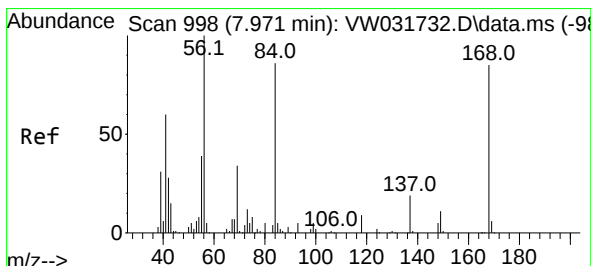
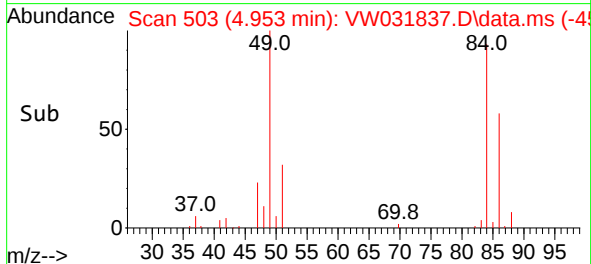
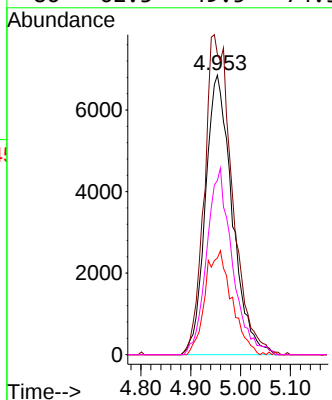
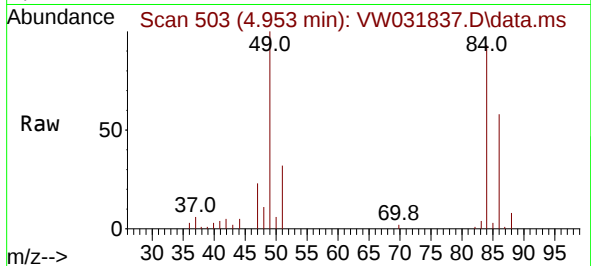




#20
Methylene Chloride
Concen: 6.138 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

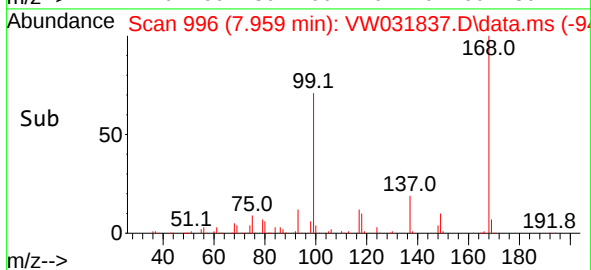
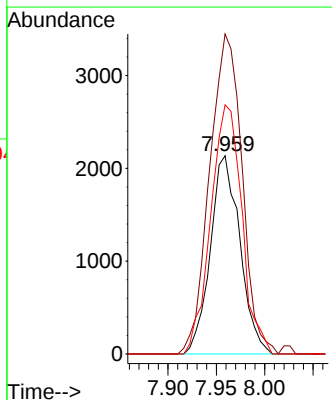
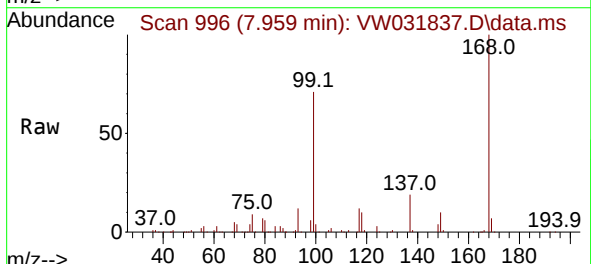
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

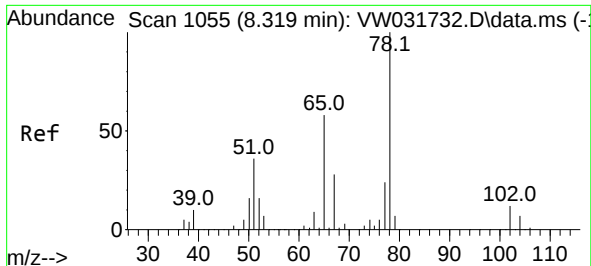
Tgt Ion:	84	Resp:	25597
Ion	Ratio	Lower	Upper
84	100		
49	107.5	98.2	147.4
51	34.6	29.8	44.8
86	62.3	49.5	74.3



#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion:	56	Resp:	4543
Ion	Ratio	Lower	Upper
56	100		
69	161.4	27.2	40.8#
84	125.7	68.5	102.7#

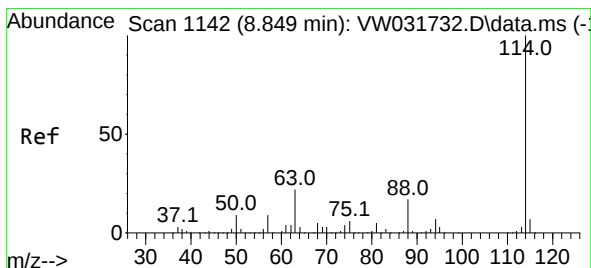
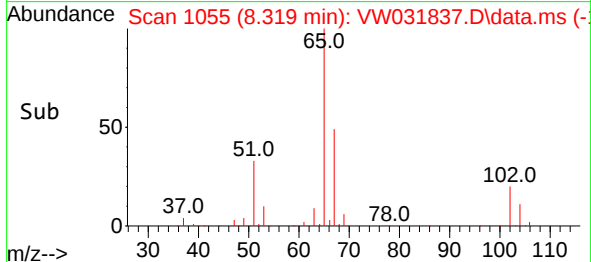
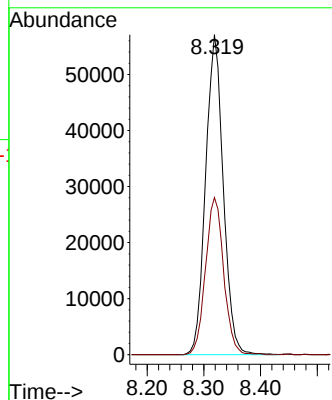
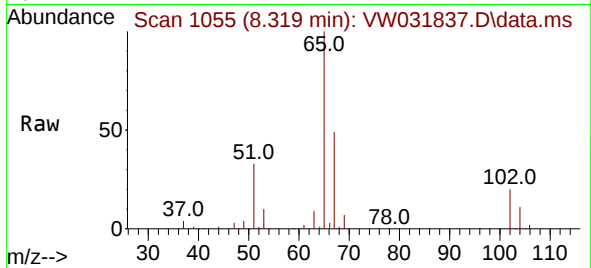




#33
 1,2-Dichloroethane-d4
 Concen: 47.960 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031837.D
 Acq: 14 Jul 2025 09:46

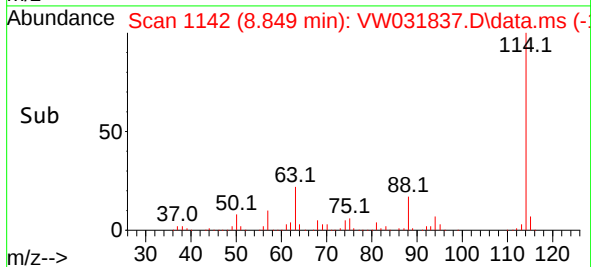
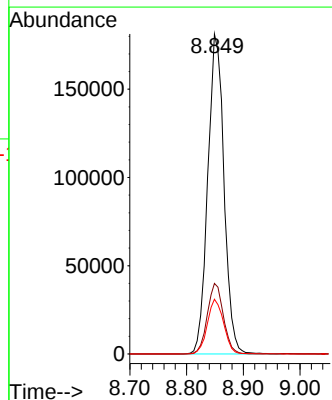
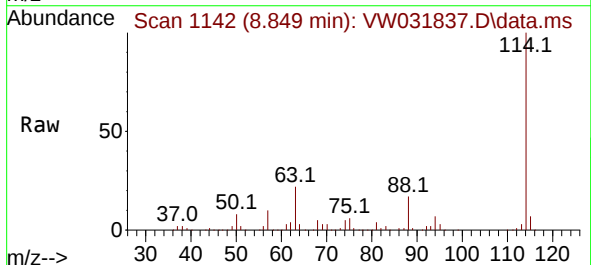
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBL01

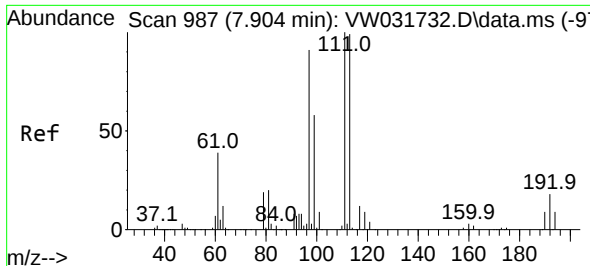
Tgt Ion: 65 Resp: 123390
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031837.D
 Acq: 14 Jul 2025 09:46

Tgt Ion: 114 Resp: 359991
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.6
 88 17.1 0.0 34.2

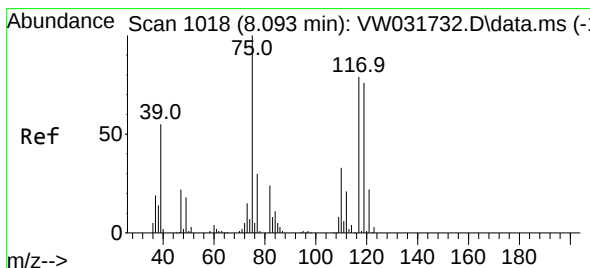
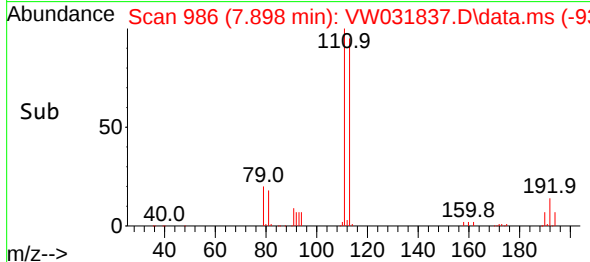
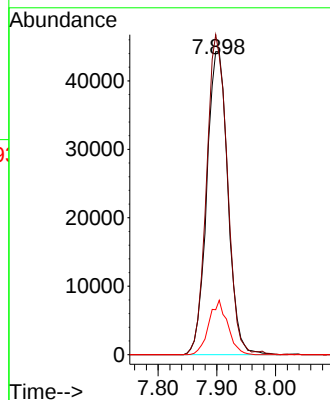
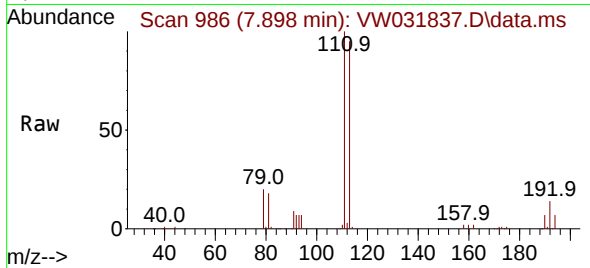




#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 7.898 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

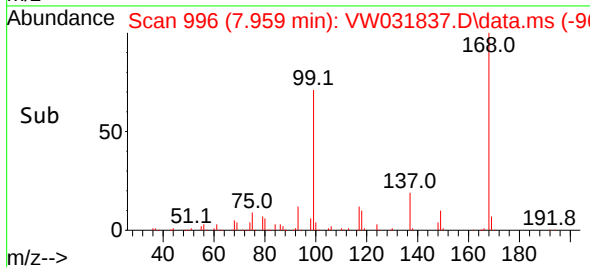
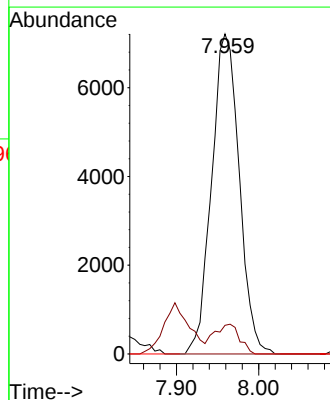
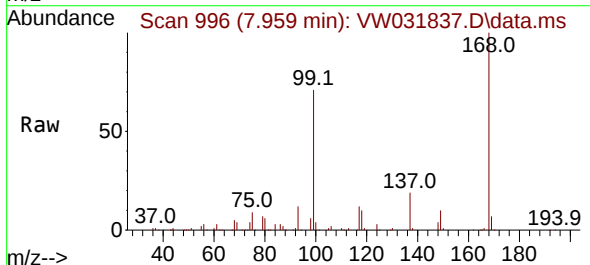
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

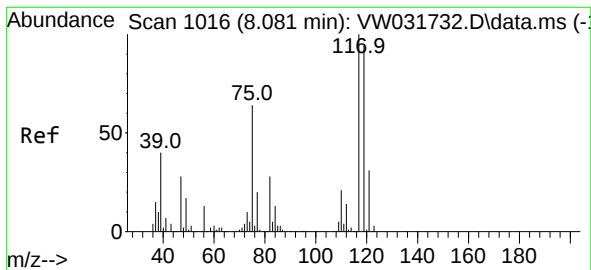
Tgt Ion:113 Resp: 110604
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 16.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 75 Resp: 16853
Ion Ratio Lower Upper
75 100
110 8.6 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.164 ug/l

RT: 7.959 min Scan# 91

Delta R.T. -0.122 min

Lab File: VW031837.D

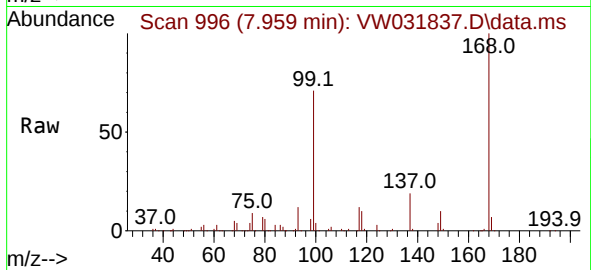
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Instrument :

MSVOA_W

ClientSampleId :

VW0714SBL01



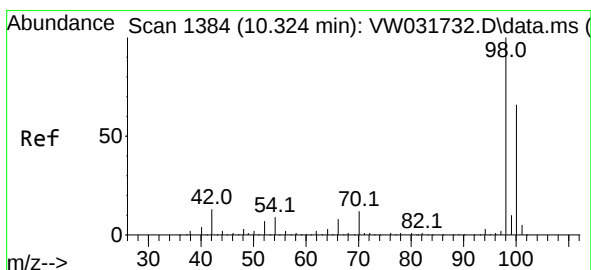
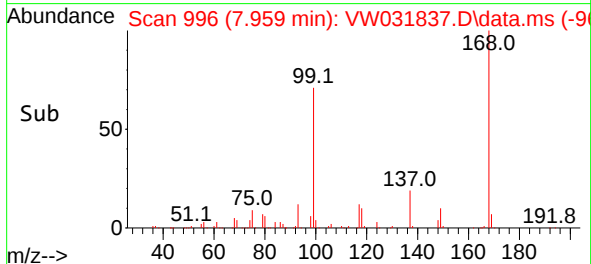
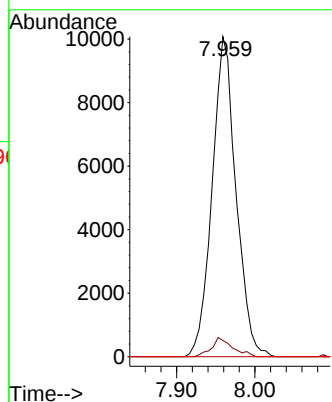
Tgt Ion:117 Resp: 21353

Ion Ratio Lower Upper

117 100

119 5.1 75.0 112.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 44.932 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031837.D

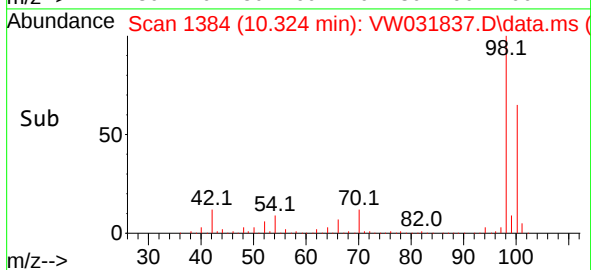
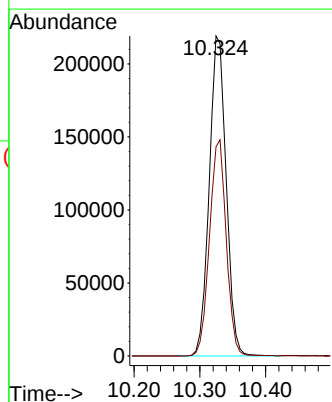
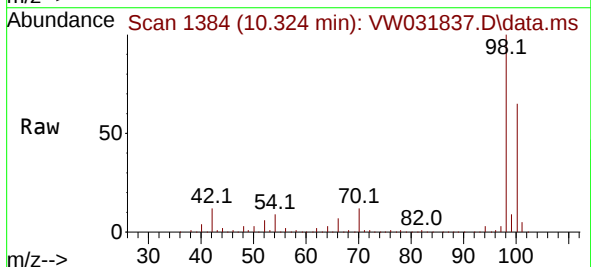
Acq: 14 Jul 2025 09:46

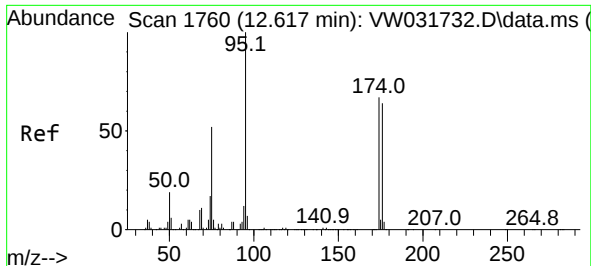
Tgt Ion: 98 Resp: 392793

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.4

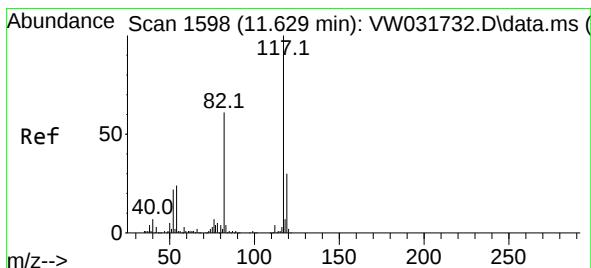
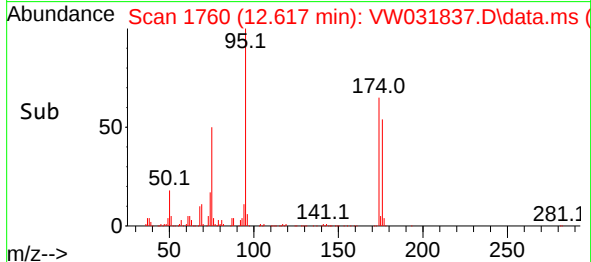
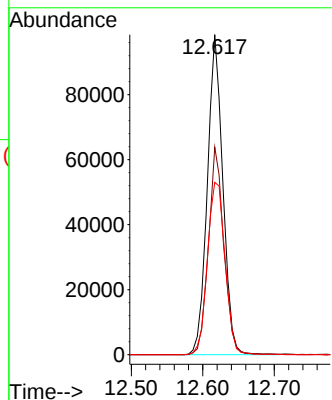
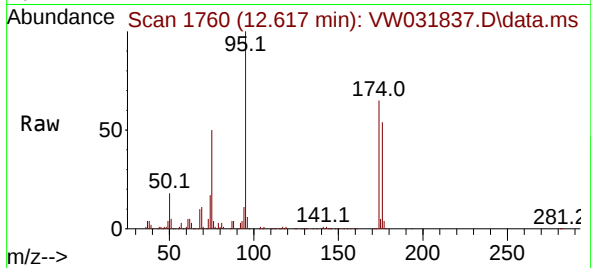




#62
4-Bromofluorobenzene
Concen: 46.158 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

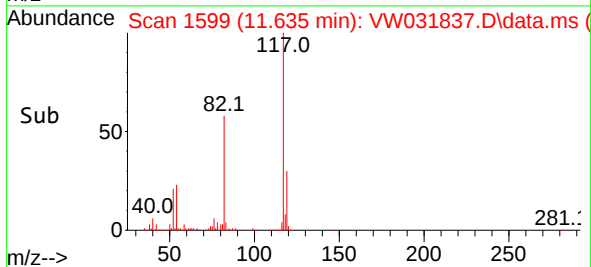
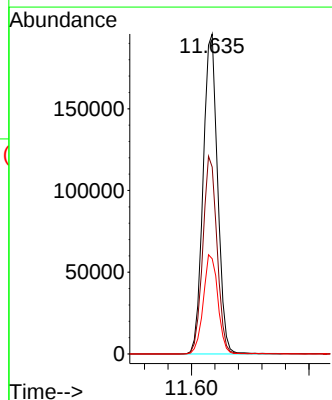
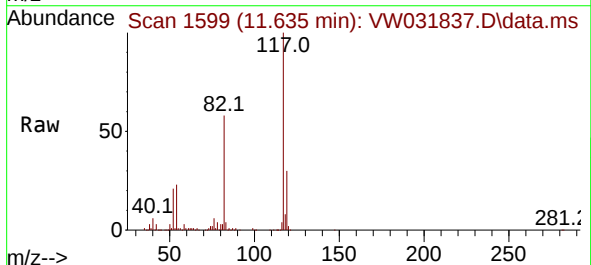
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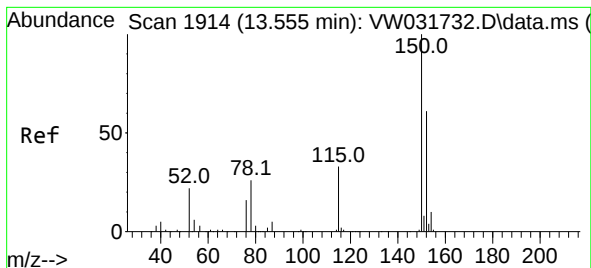
Tgt Ion: 95 Resp: 148493
Ion Ratio Lower Upper
95 100
174 64.4 0.0 133.8
176 61.2 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 117 Resp: 334968
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 29.8 23.9 35.9

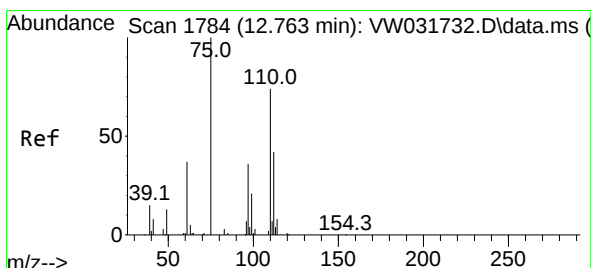
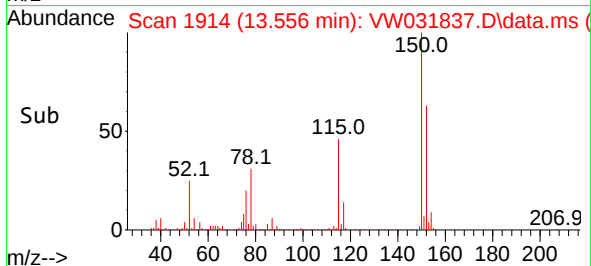
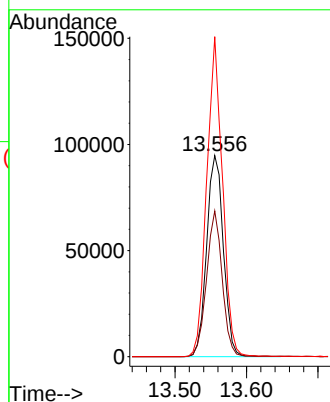
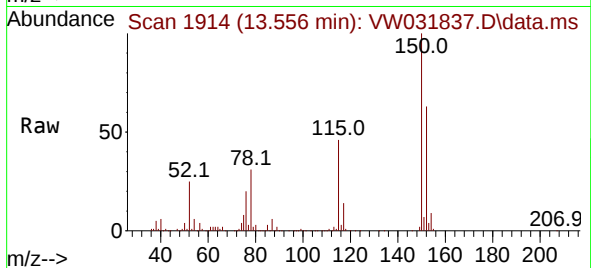




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031837.D
 Acq: 14 Jul 2025 09:46

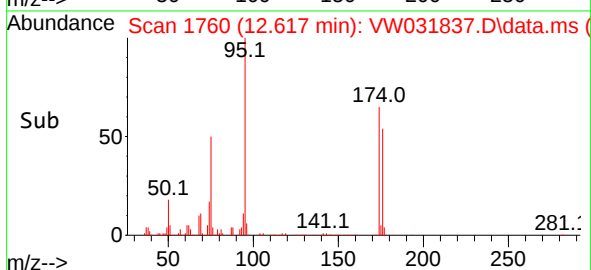
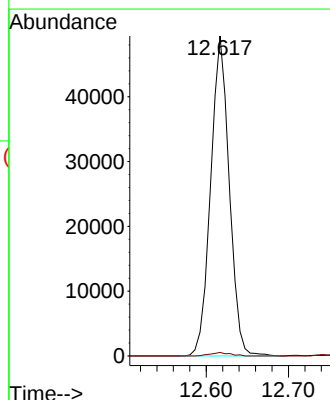
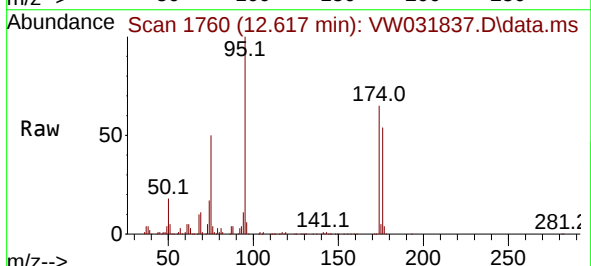
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBL01

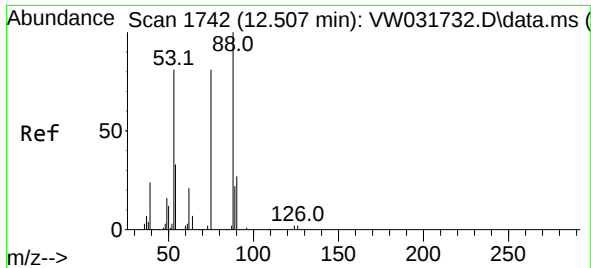
Tgt Ion:152 Resp: 154203
 Ion Ratio Lower Upper
 152 100
 115 67.9 31.9 95.7
 150 149.9 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 38.895 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.146 min
 Lab File: VW031837.D
 Acq: 14 Jul 2025 09:46

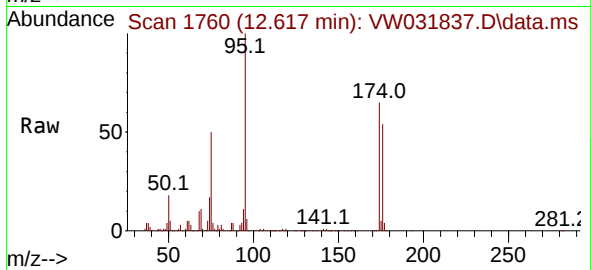
Tgt Ion: 75 Resp: 77507
 Ion Ratio Lower Upper
 75 100
 77 1.2 141.2 423.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.592 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW031837.D
 Acq: 14 Jul 2025 09:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0714SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.5	125.3#
89	0.0	38.3	57.5#

