

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032123.D
 Acq On : 22 Aug 2025 19:46
 Operator : SY/MD
 Sample : Q2928-02
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 27-BELL

Quant Time: Aug 25 04:02:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

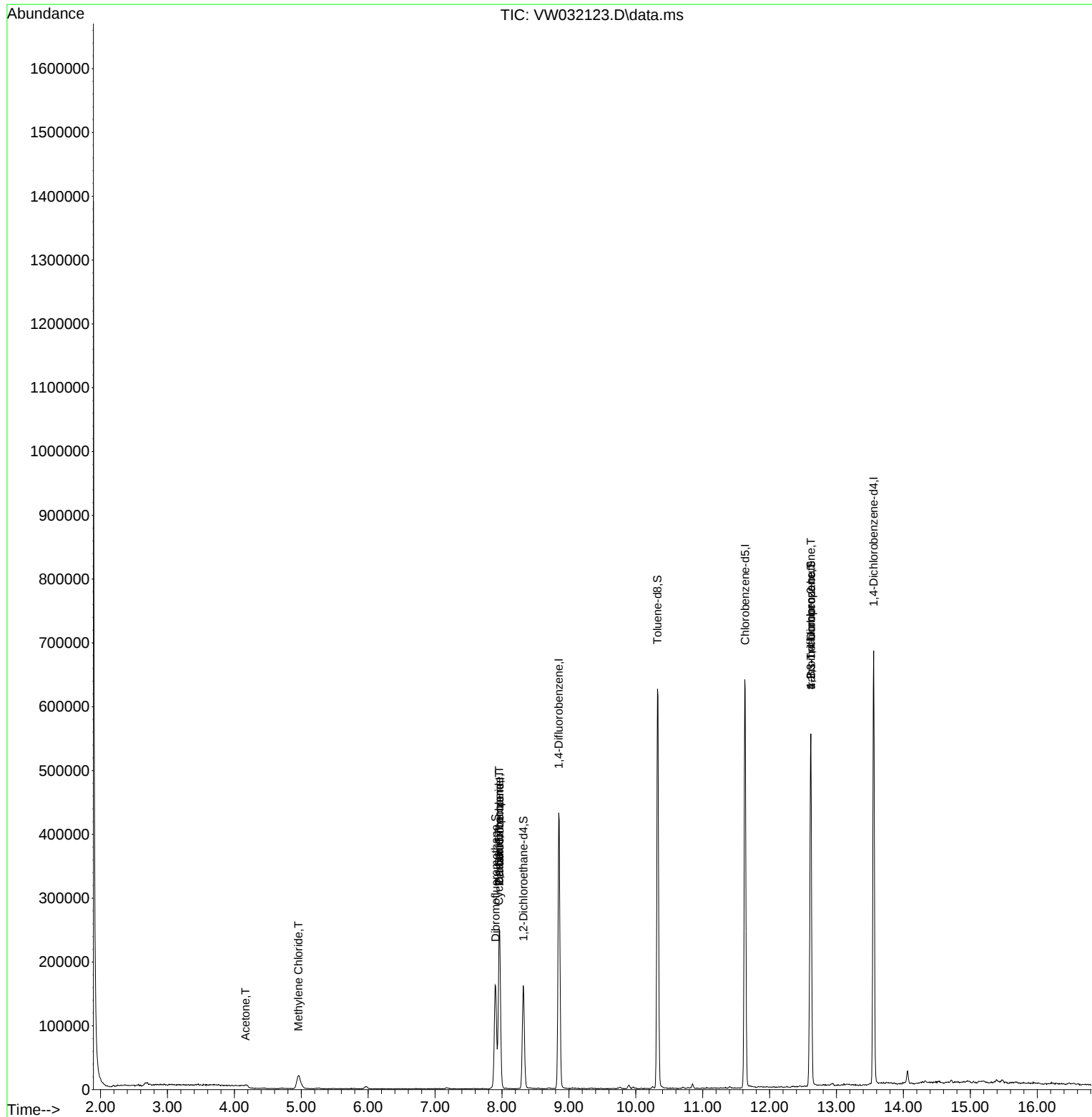
Internal Standards						
1) Pentafluorobenzene	7.965	168	183461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	365151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131254	49.467	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.940%
35) Dibromofluoromethane	7.904	113	117096	49.638	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.280%
50) Toluene-d8	10.325	98	418031	47.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.617	95	157703	49.046	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.100%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	2245	3.654	ug/l #	66
20) Methylene Chloride	4.960	84	18388	6.474	ug/l	97
31) Cyclohexane	7.953	56	4934	1.305	ug/l #	44
36) 1,1-Dichloropropene	7.959	75	15527	4.669	ug/l #	51
38) Carbon Tetrachloride	7.959	117	19920	6.207	ug/l #	20
76) 1,2,3-Trichloropropane	12.617	75	86770	38.030	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	86770	98.457	ug/l #	9

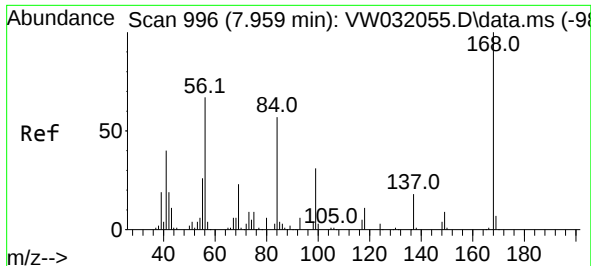
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

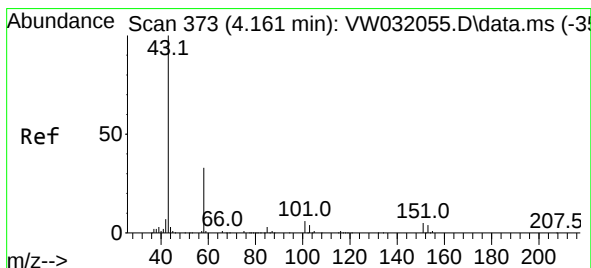
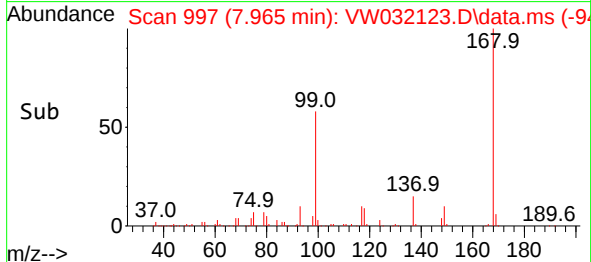
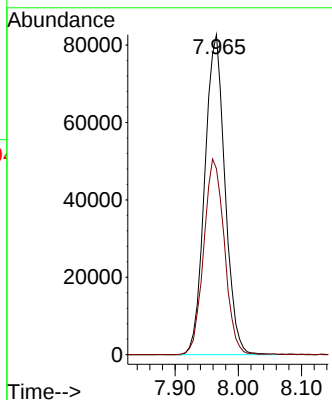
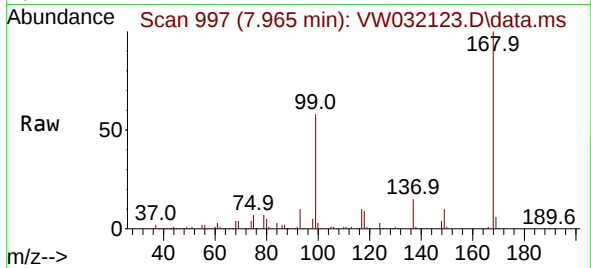




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

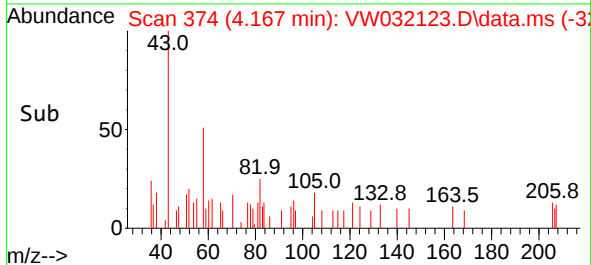
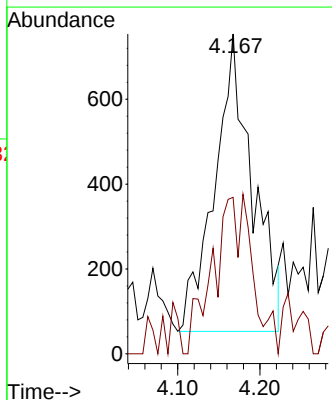
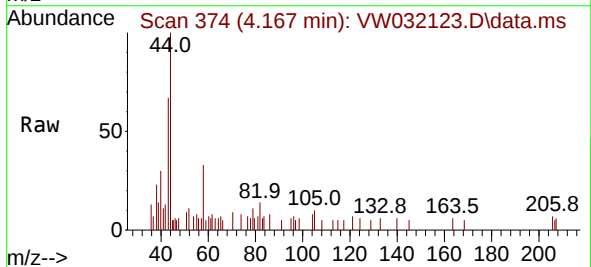
Instrument :
MSVOA_W
ClientSampleId :
27-BELL

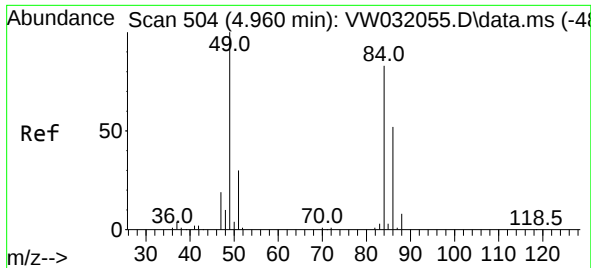
Tgt Ion:168 Resp: 183461
Ion Ratio Lower Upper
168 100
99 58.0 56.0 84.0



#16
Acetone
Concen: 3.654 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
58 52.6 26.6 39.8#

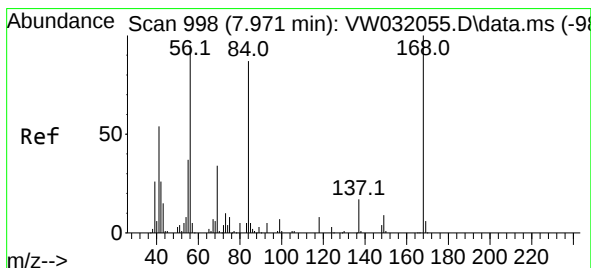
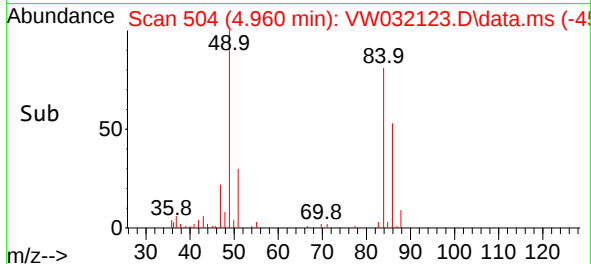
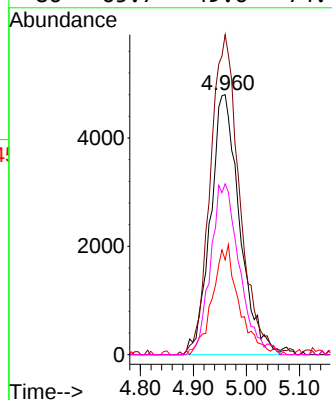
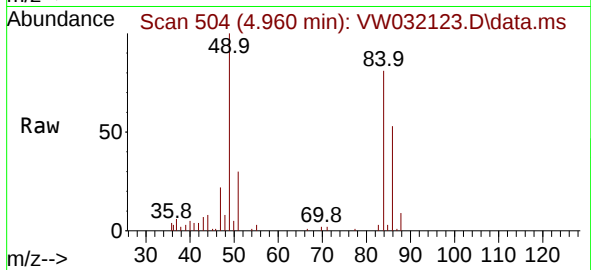




#20
Methylene Chloride
Concen: 6.474 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

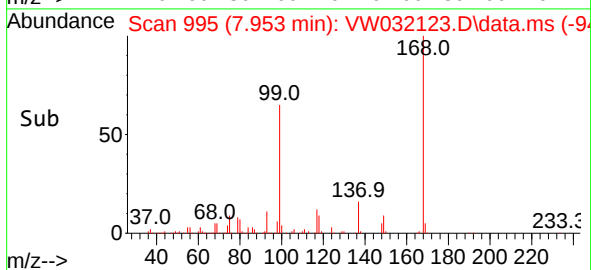
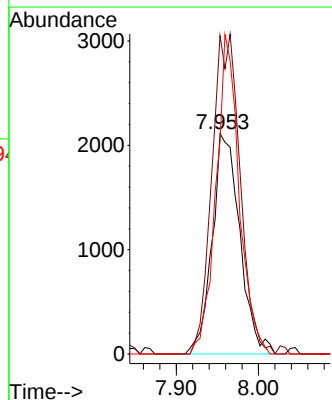
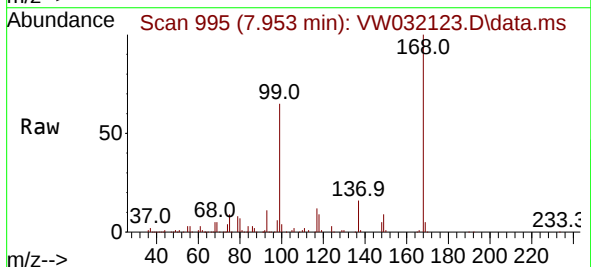
Instrument :
MSVOA_W
ClientSampleId :
27-BELL

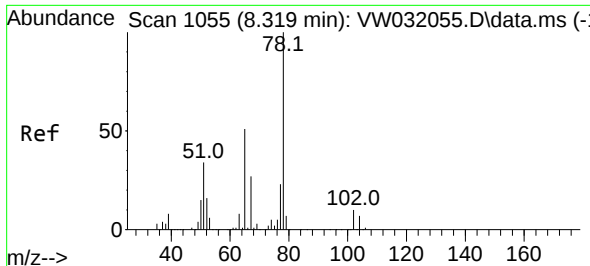
Tgt Ion:	84	Resp:	18388
Ion	Ratio	Lower	Upper
84	100		
49	122.0	95.9	143.9
51	36.5	28.6	43.0
86	65.7	49.6	74.4



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion:	56	Resp:	4934
Ion	Ratio	Lower	Upper
56	100		
69	144.6	28.6	42.8#
84	96.4	73.0	109.4

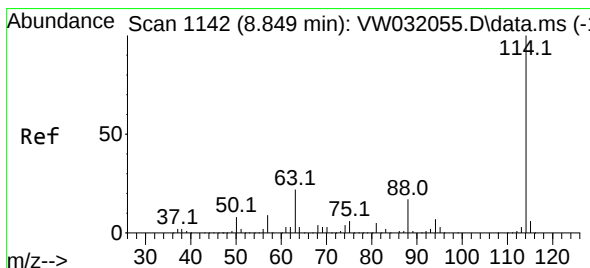
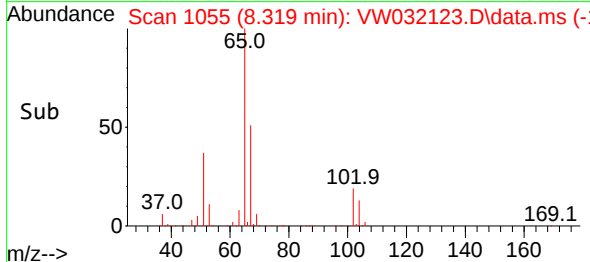
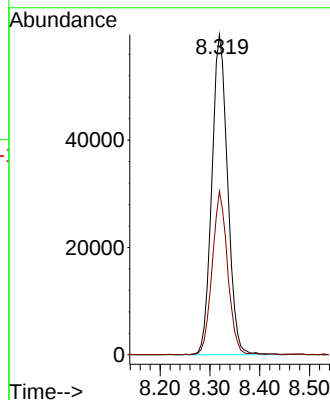
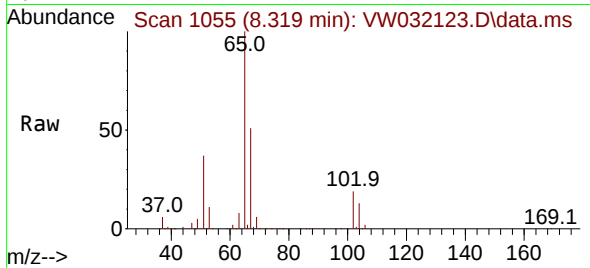




#33
 1,2-Dichloroethane-d4
 Concen: 49.467 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

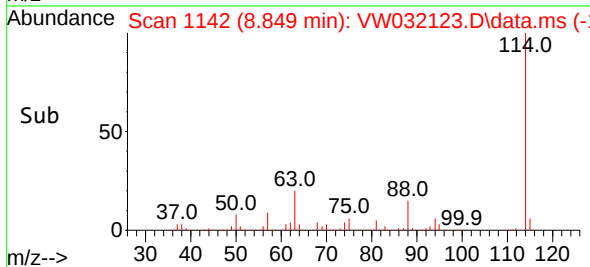
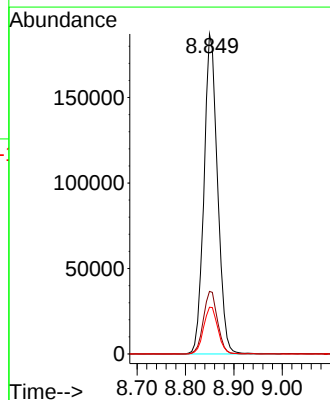
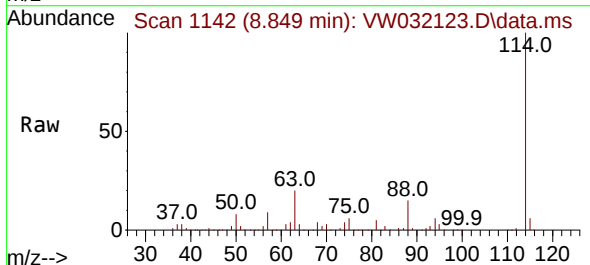
Instrument :
 MSVOA_W
 ClientSampleId :
 27-BELL

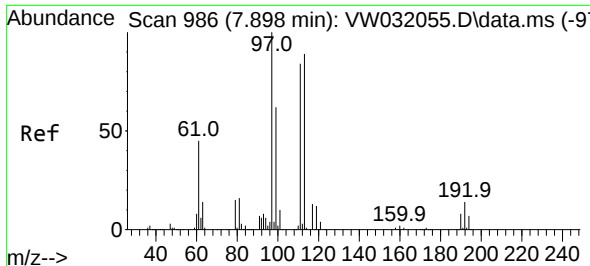
Tgt Ion: 65 Resp: 131254
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

Tgt Ion: 114 Resp: 365151
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.0
 88 14.6 0.0 33.8

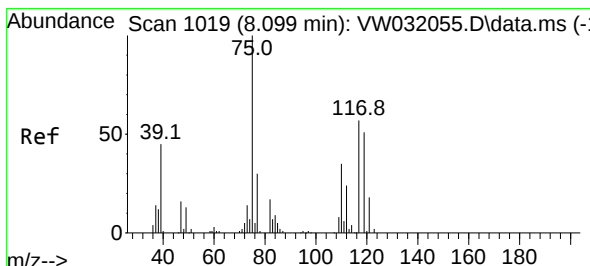
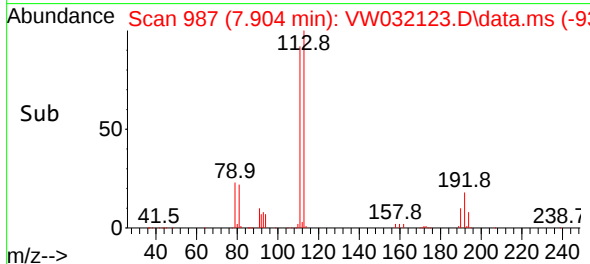
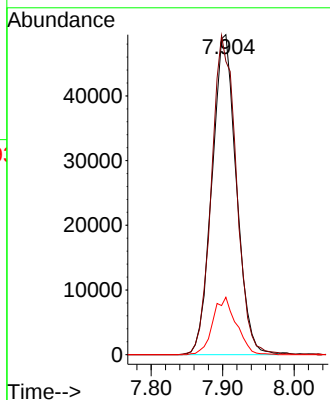
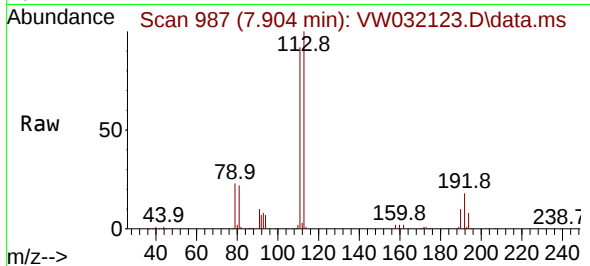




#35
 Dibromofluoromethane
 Concen: 49.638 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

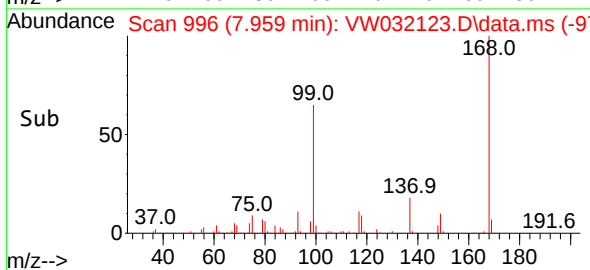
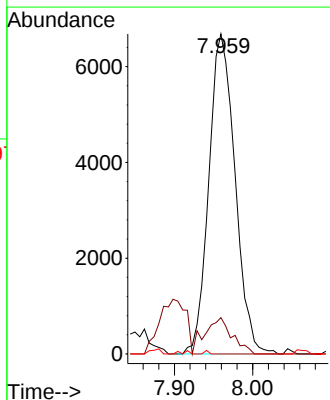
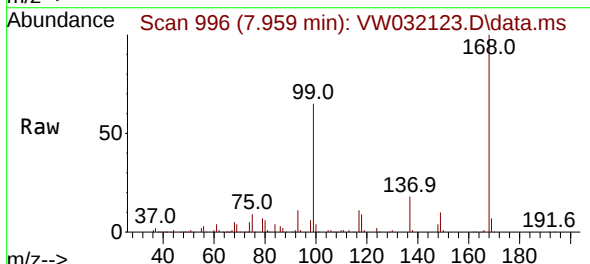
Instrument :
 MSVOA_W
 ClientSampleId :
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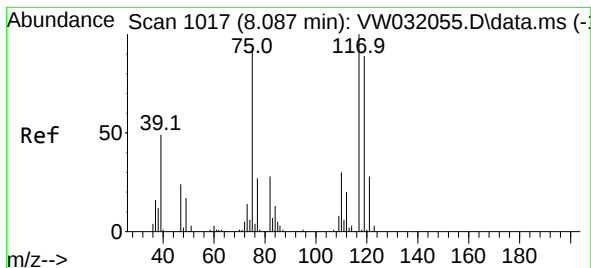
Tgt Ion:113 Resp: 117096
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.1 120.1
 192 17.4 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 4.669 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032123.D
 Acq: 22 Aug 2025 19:46

Tgt Ion: 75 Resp: 15527
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.4 52.2#
 77 0.2 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.207 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032123.D

Acq: 22 Aug 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

27-BELL

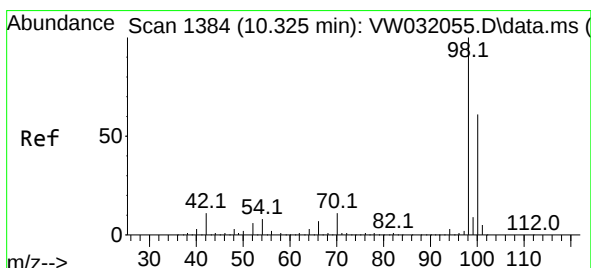
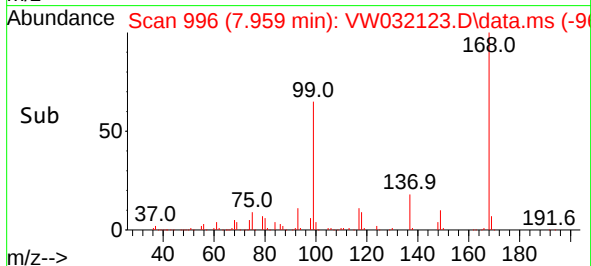
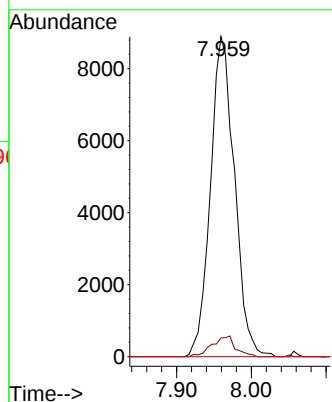
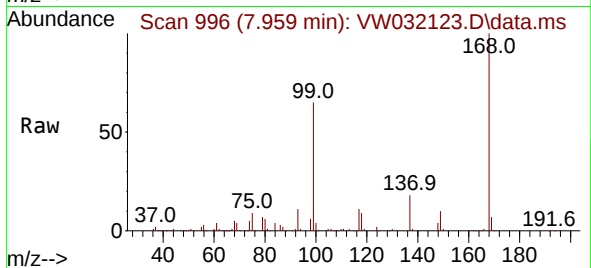
Tgt Ion:117 Resp: 19920

Ion Ratio Lower Upper

117 100

119 5.9 71.4 107.2#

121 0.0 22.3 33.5#



#50

Toluene-d8

Concen: 47.910 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032123.D

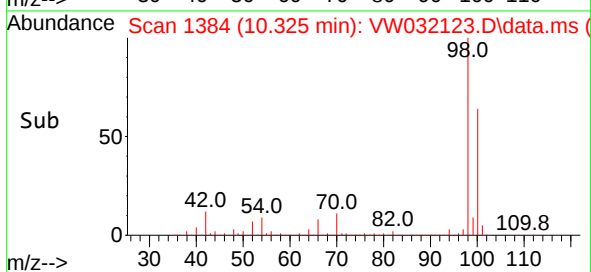
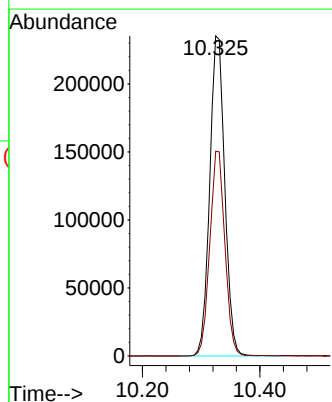
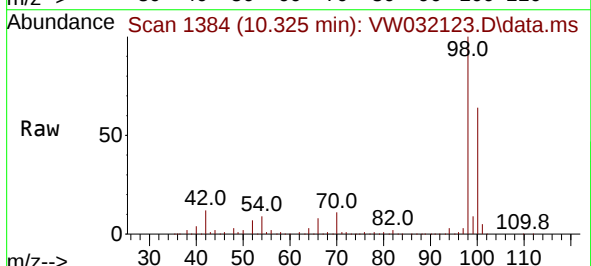
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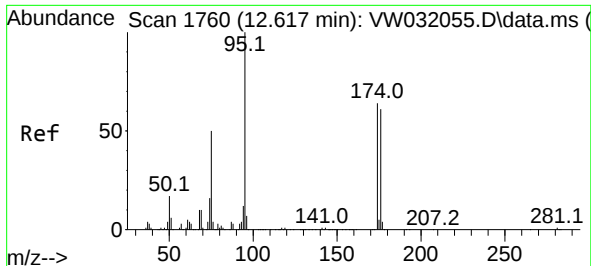
Tgt Ion: 98 Resp: 418031

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

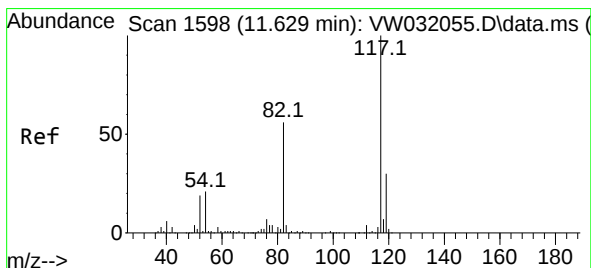
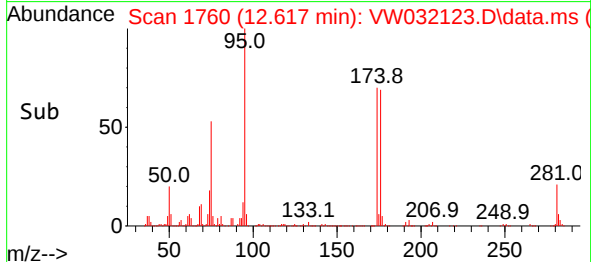
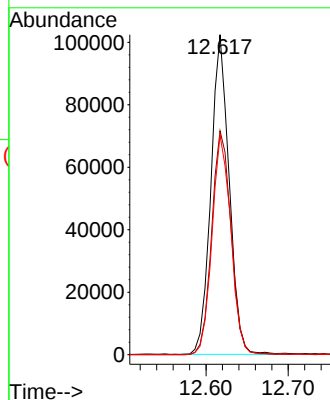
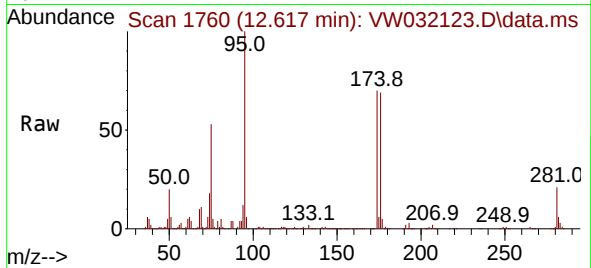




#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

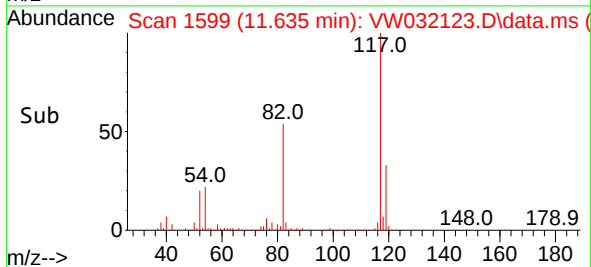
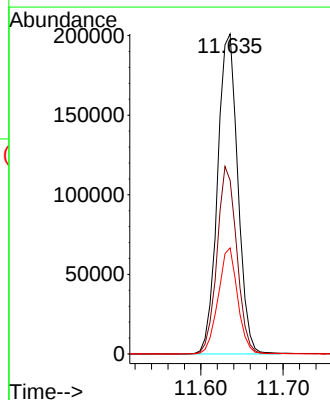
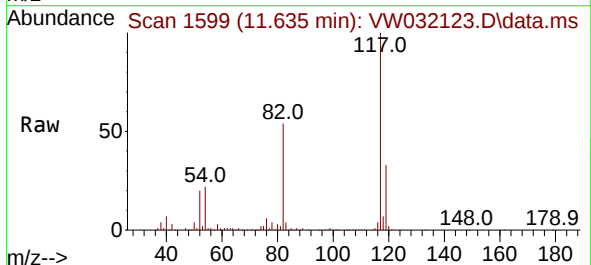
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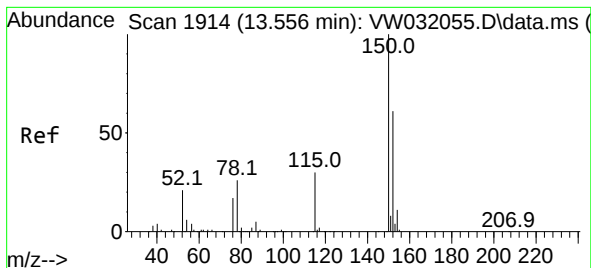
Tgt Ion: 95 Resp: 157703
Ion Ratio Lower Upper
95 100
174 74.8 0.0 129.0
176 70.9 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion: 117 Resp: 344552
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 33.1 24.2 36.4

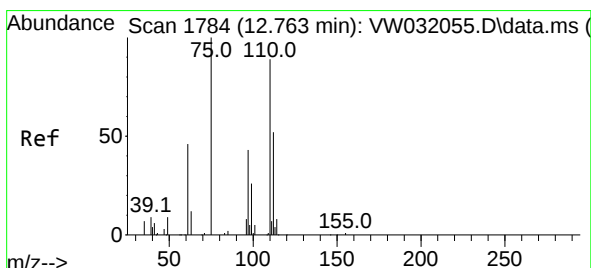
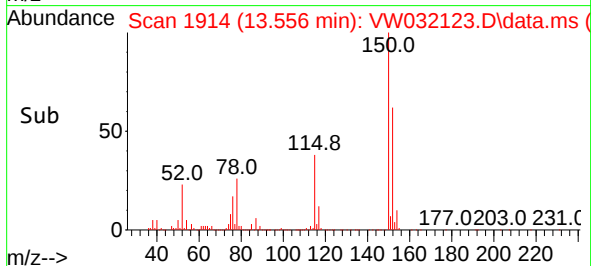
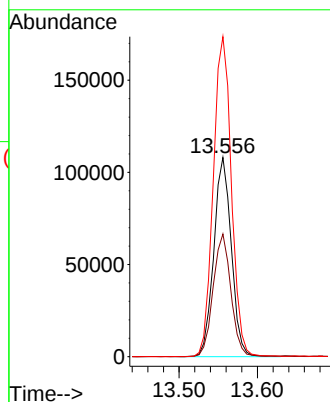
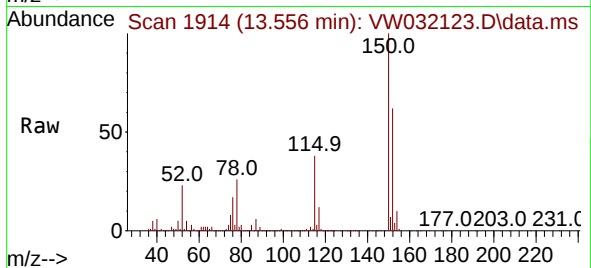




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

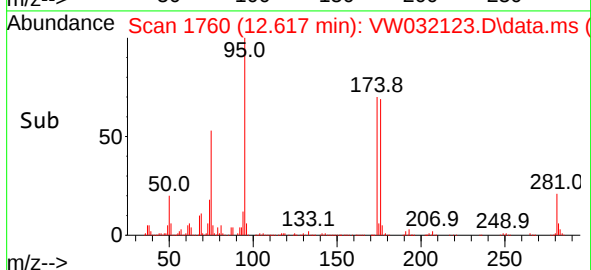
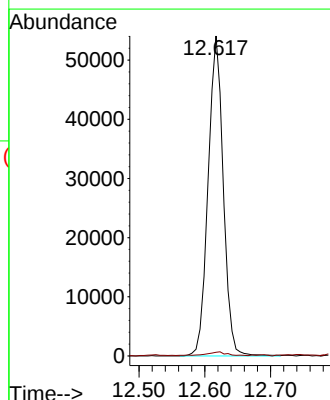
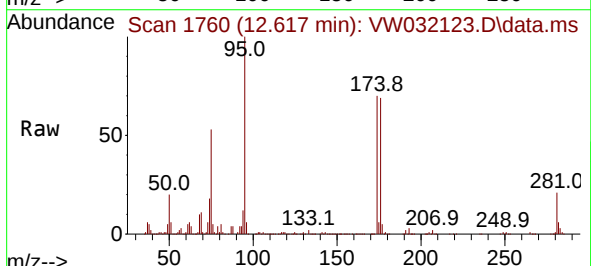
Instrument :
MSVOA_W
ClientSampleId :
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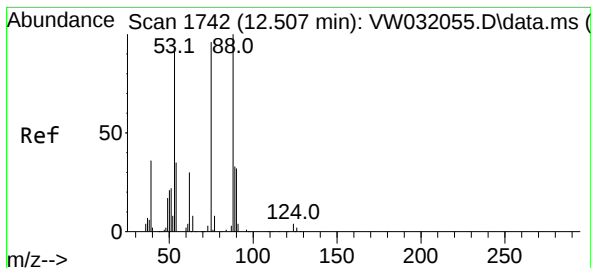
Tgt Ion:152 Resp: 168107
Ion Ratio Lower Upper
152 100
115 62.2 32.6 97.8
150 166.1 0.0 359.4



#76
1,2,3-Trichloropropane
Concen: 38.030 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.146 min
Lab File: VW032123.D
Acq: 22 Aug 2025 19:46

Tgt Ion: 75 Resp: 86770
Ion Ratio Lower Upper
75 100
77 1.7 123.5 370.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 98.457 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.110 min

Lab File: VW032123.D

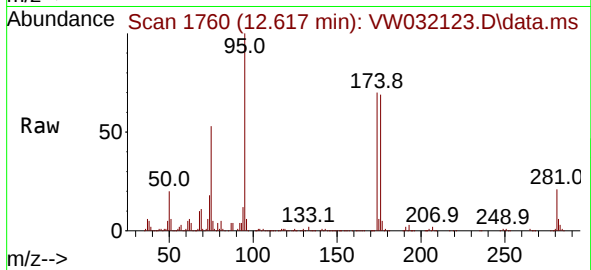
Acq: 22 Aug 2025 19:46

Instrument :

MSVOA_W

ClientSampleId :

27-BELL



Tgt Ion: 75 Resp: 86770

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.8 37.3 55.9#

