

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032008.D
 Acq On : 05 Aug 2025 12:13
 Operator : SY/MD
 Sample : Q2760-01
 Misc : 5.23g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025RE

Quant Time: Aug 06 03:53:30 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)

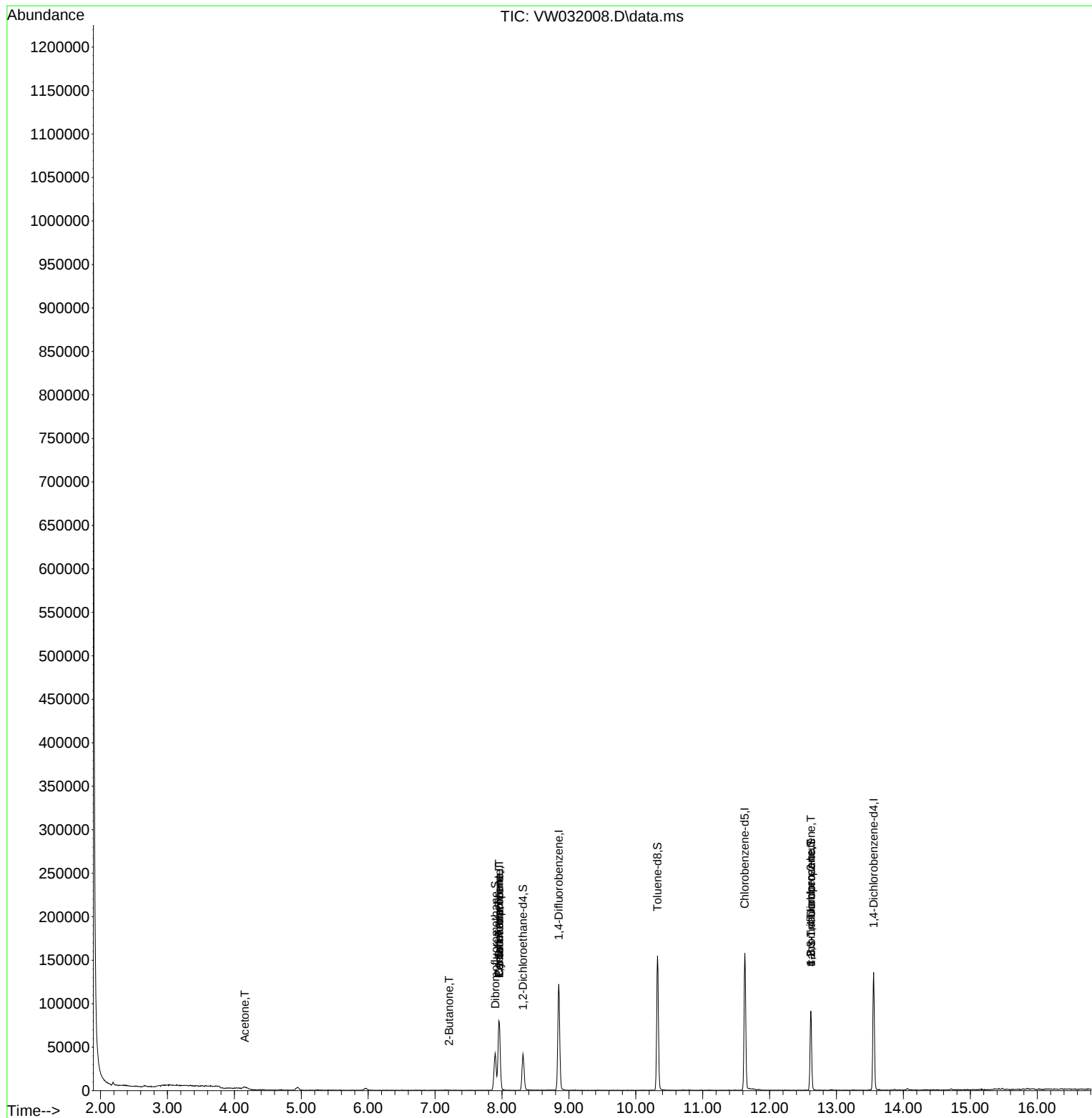
Internal Standards						
1) Pentafluorobenzene	7.959	168	55750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	100720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	86486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	34475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	33929	40.231	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	80.460%		
35) Dibromofluoromethane	7.898	113	31258	45.672	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	91.340%		
50) Toluene-d8	10.325	98	102205	39.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	78.920%		
62) 4-Bromofluorobenzene	12.617	95	34332	34.518	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	69.040%		
Target Compounds						
13) Acrolein	3.948	56	85	Below Cal	#	14
16) Acetone	4.155	43	2272	11.353	ug/l #	76
20) Methylene Chloride	4.948	84	2635	Below Cal	#	85
25) 2-Butanone	7.209	43	322	1.176	ug/l #	49
31) Cyclohexane	7.953	56	1452	1.123	ug/l #	29
36) 1,1-Dichloropropene	7.959	75	5114	4.866	ug/l #	51
38) Carbon Tetrachloride	7.959	117	6556	6.499	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	17478	36.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	17478	84.776	ug/l #	8

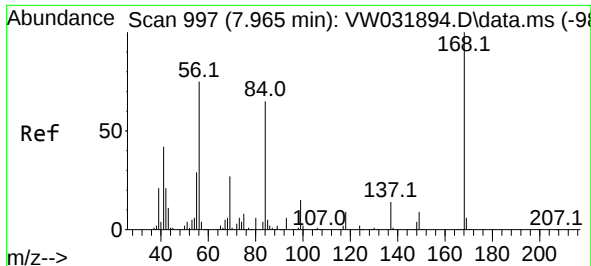
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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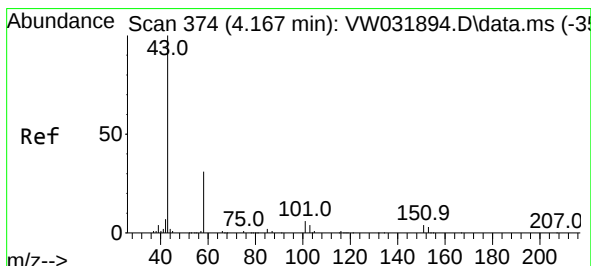
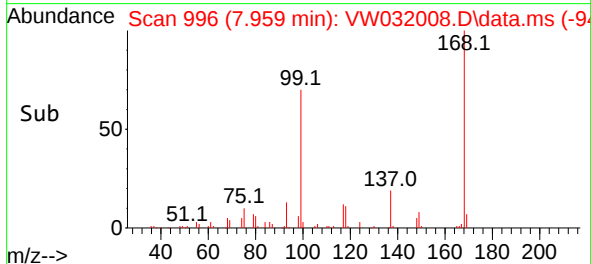
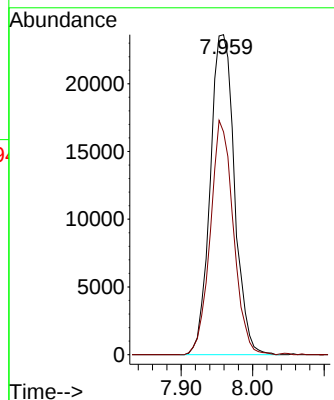
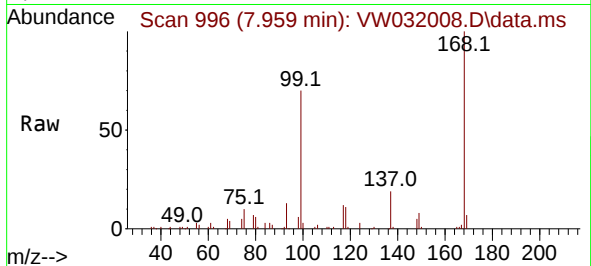




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

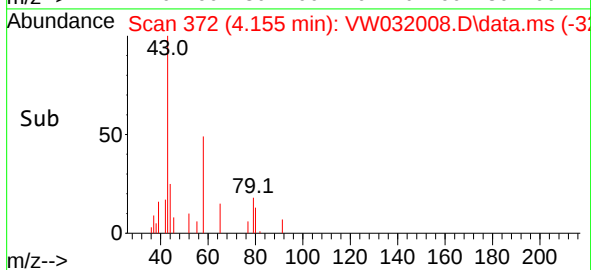
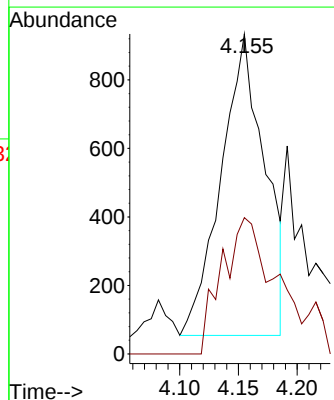
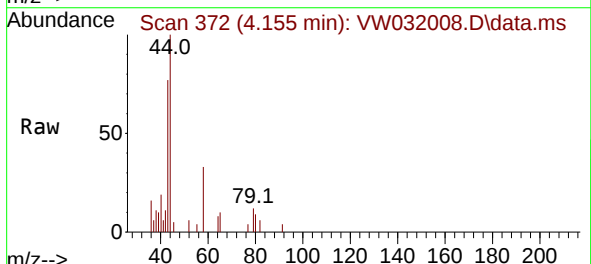
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE

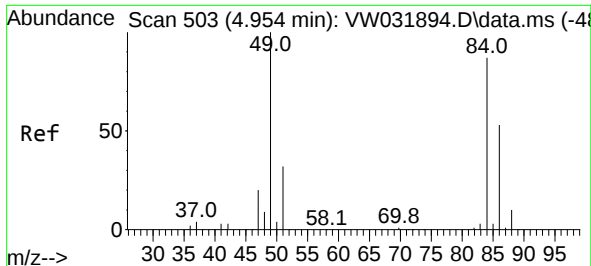
Tgt Ion:168 Resp: 55750
Ion Ratio Lower Upper
168 100
99 69.6 48.2 72.2



#16
Acetone
Concen: 11.353 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

Tgt Ion: 43 Resp: 2272
Ion Ratio Lower Upper
43 100
58 45.2 25.5 38.3#

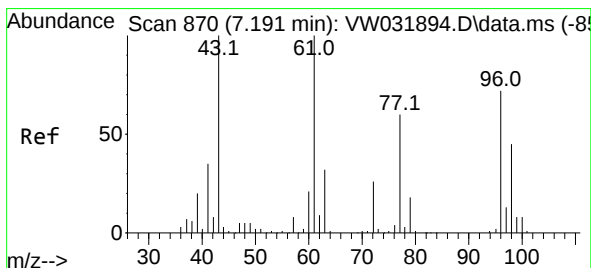
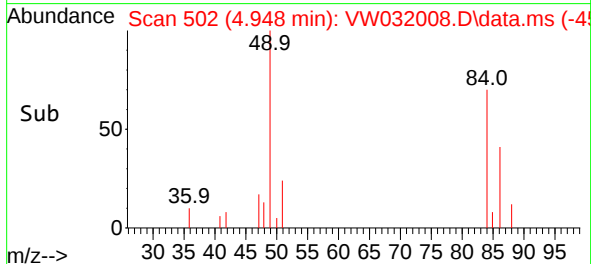
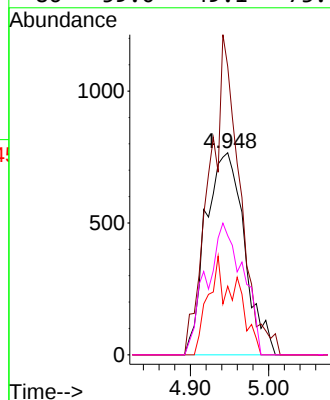
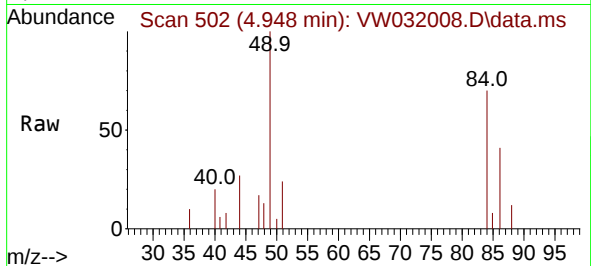




#20
Methylene Chloride
Concen: Below Cal
RT: 4.948 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

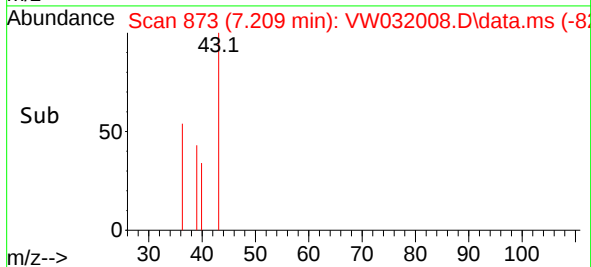
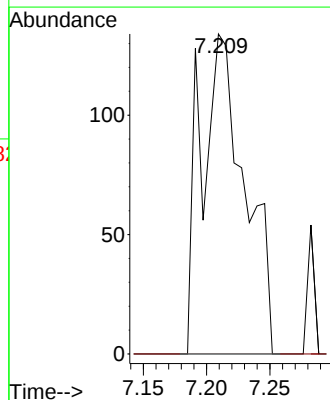
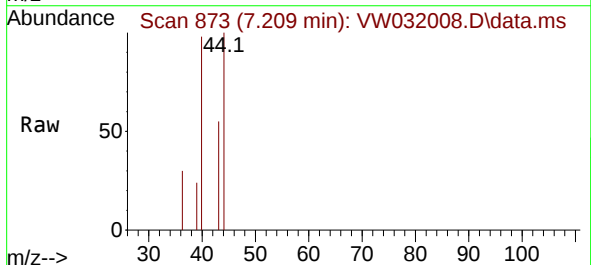
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE

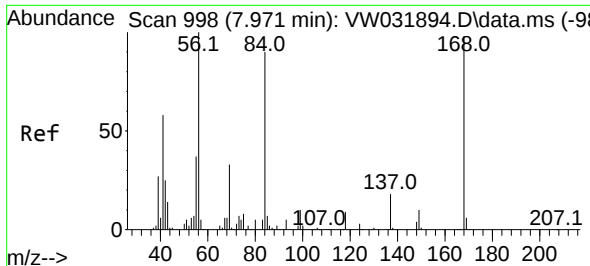
Tgt Ion:	84	Resp:	2635
Ion	Ratio	Lower	Upper
84	100		
49	142.7	91.9	137.9#
51	33.9	29.0	43.6
86	59.0	49.1	73.7



#25
2-Butanone
Concen: 1.176 ug/l
RT: 7.209 min Scan# 873
Delta R.T. 0.018 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

Tgt Ion:	43	Resp:	322
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

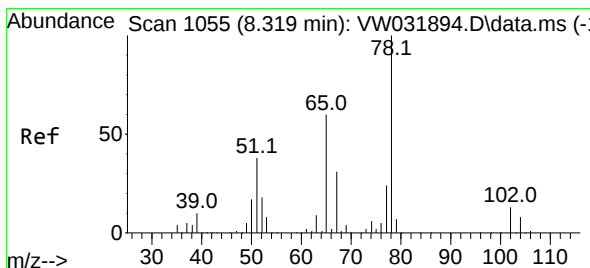
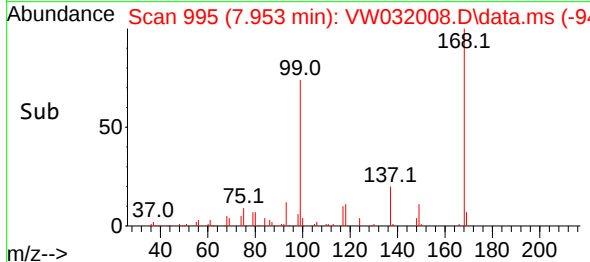
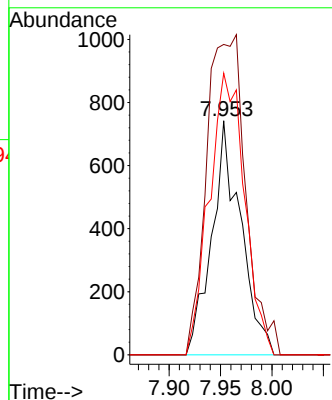
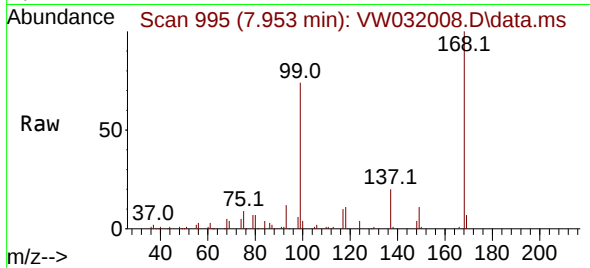




#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

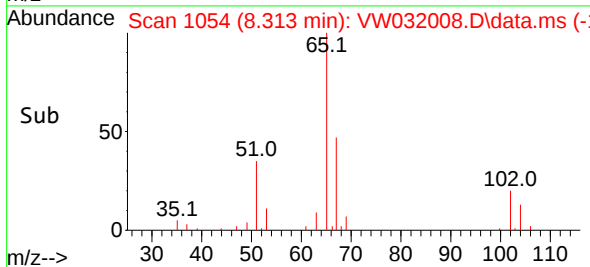
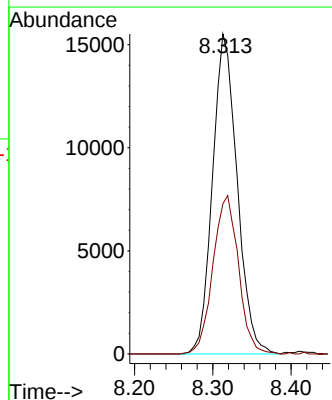
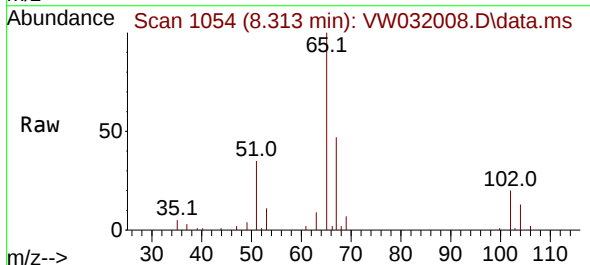
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE

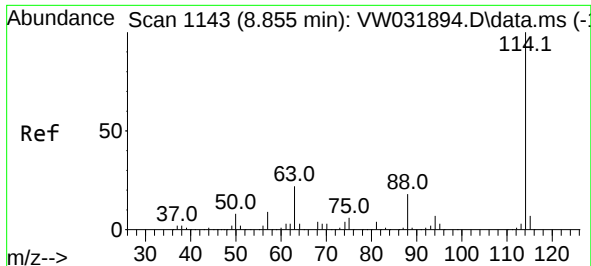
Tgt Ion: 56 Resp: 1452
Ion Ratio Lower Upper
56 100
69 132.6 26.7 40.1#
84 120.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 40.231 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

Tgt Ion: 65 Resp: 33929
Ion Ratio Lower Upper
65 100
67 51.3 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: VW032008.D

Acq: 05 Aug 2025 12:13

Instrument :

MSVOA_W

ClientSampleId :

NB-07-08042025RE

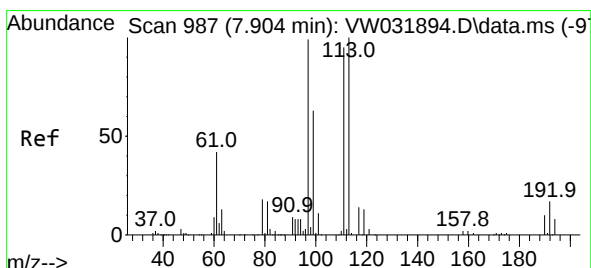
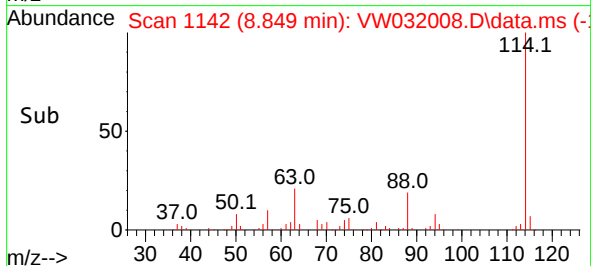
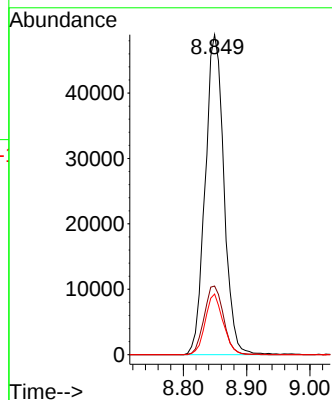
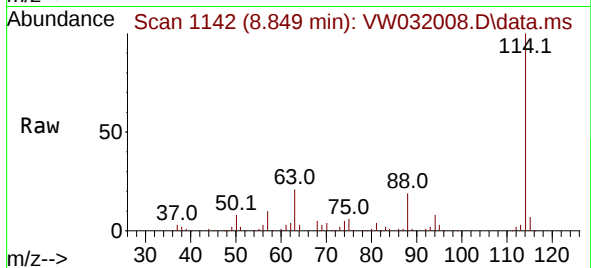
Tgt Ion:114 Resp: 100720

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 19.0 0.0 35.6



#35

Dibromofluoromethane

Concen: 45.672 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032008.D

Acq: 05 Aug 2025 12:13

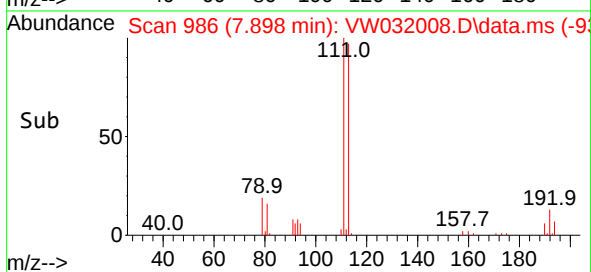
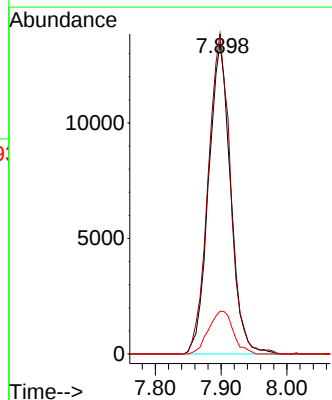
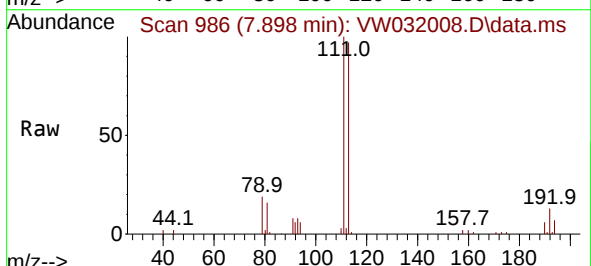
Tgt Ion:113 Resp: 31258

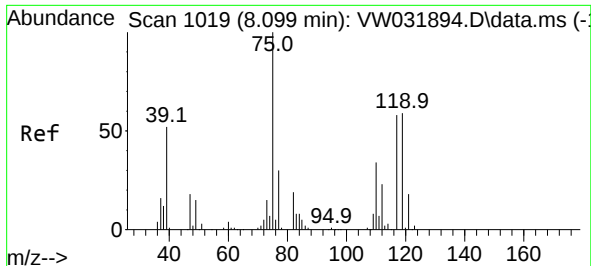
Ion Ratio Lower Upper

113 100

111 104.4 79.9 119.9

192 15.5 12.6 19.0





#36

1,1-Dichloropropene

Concen: 4.866 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.140 min

Lab File: VW032008.D

Acq: 05 Aug 2025 12:13

Instrument :

MSVOA_W

ClientSampleId :

NB-07-08042025RE

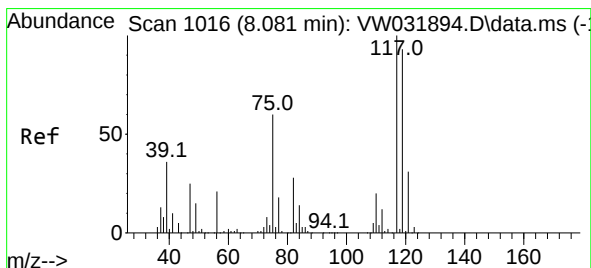
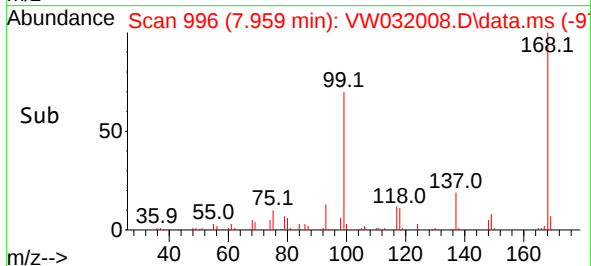
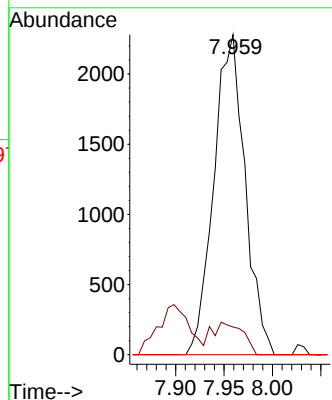
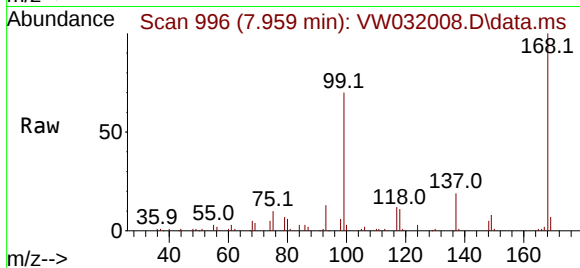
Tgt Ion: 75 Resp: 5114

Ion Ratio Lower Upper

75 100

110 10.1 17.0 50.9#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.499 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.122 min

Lab File: VW032008.D

Acq: 05 Aug 2025 12:13

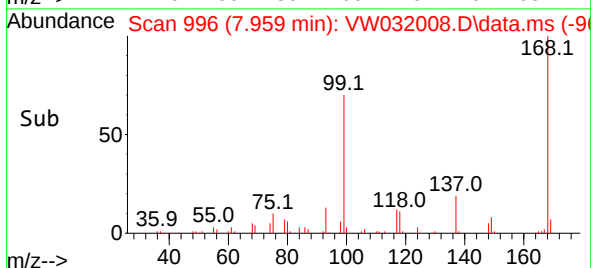
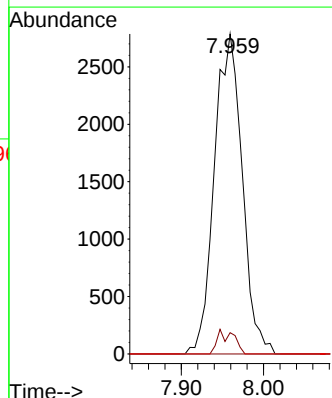
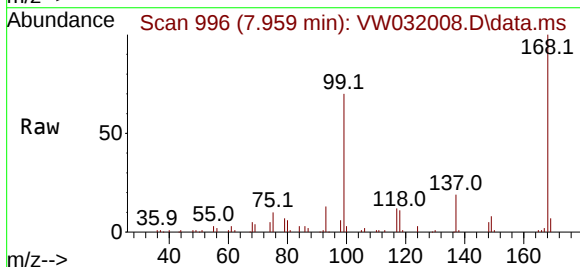
Tgt Ion: 117 Resp: 6556

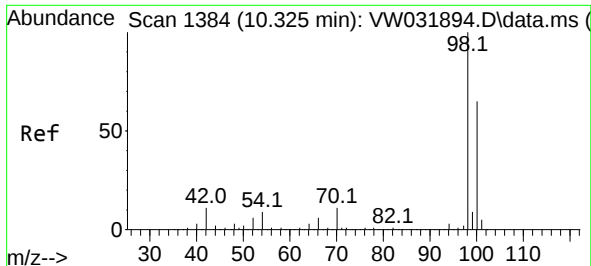
Ion Ratio Lower Upper

117 100

119 6.6 74.3 111.5#

121 0.0 24.6 37.0#

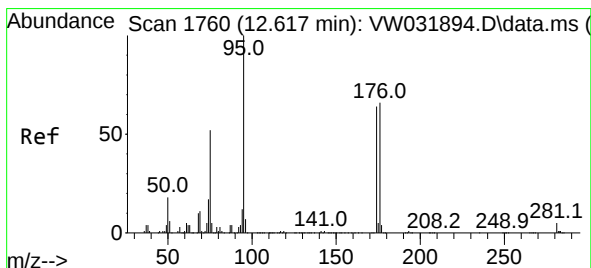
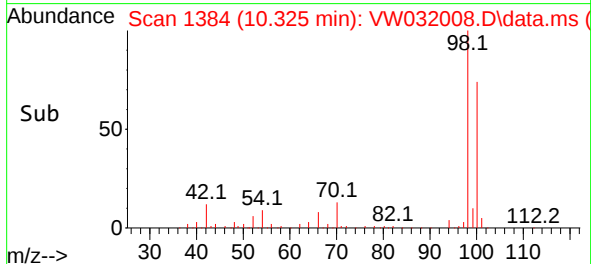
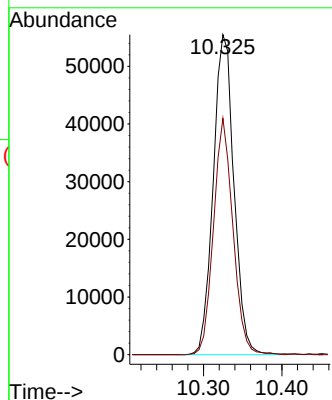
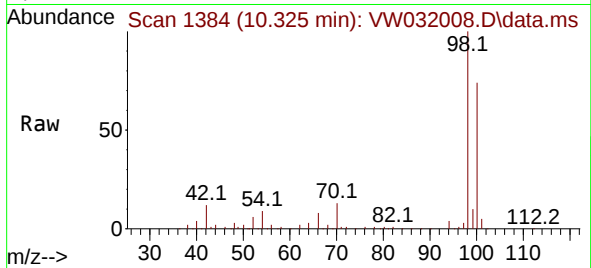




#50
Toluene-d8
Concen: 39.457 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

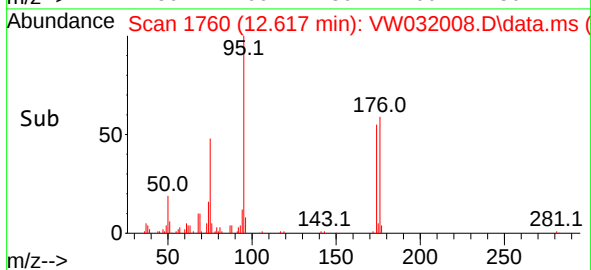
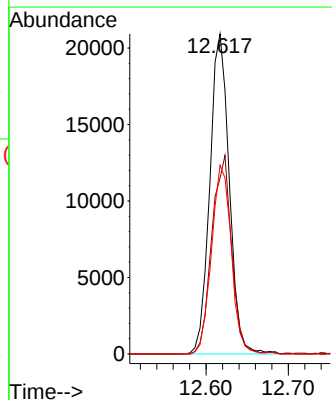
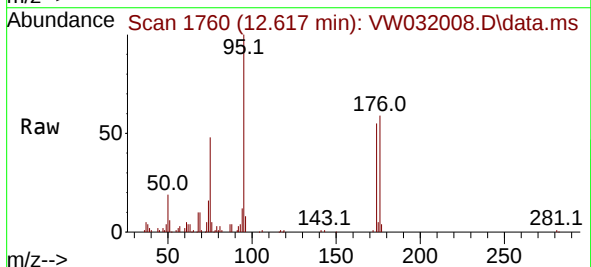
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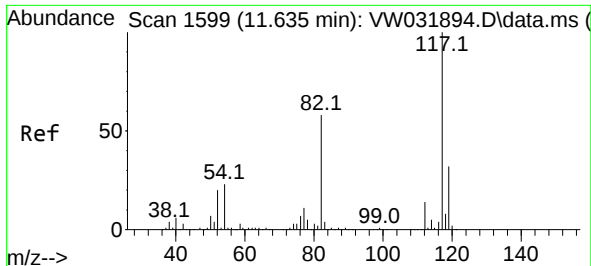
Tgt Ion: 98 Resp: 102205
Ion Ratio Lower Upper
98 100
100 69.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.518 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

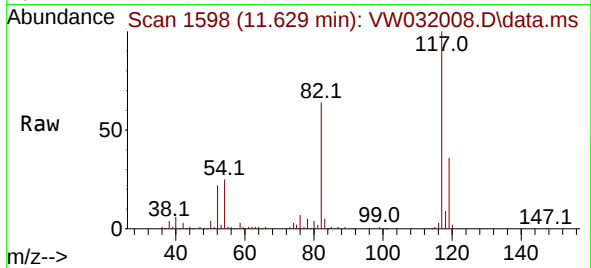
Tgt Ion: 95 Resp: 34332
Ion Ratio Lower Upper
95 100
174 63.9 0.0 129.8
176 60.2 0.0 130.4



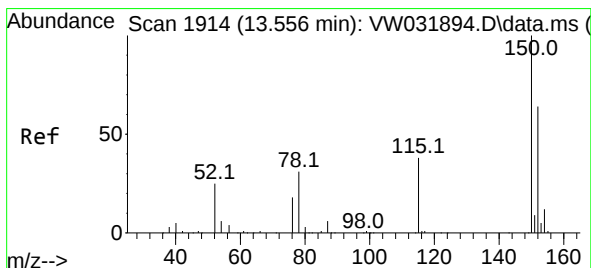
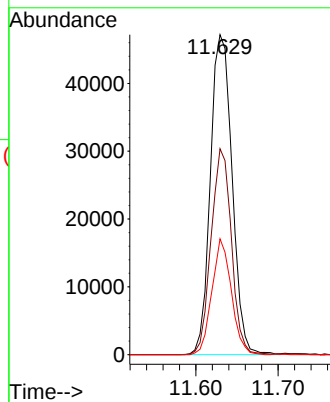
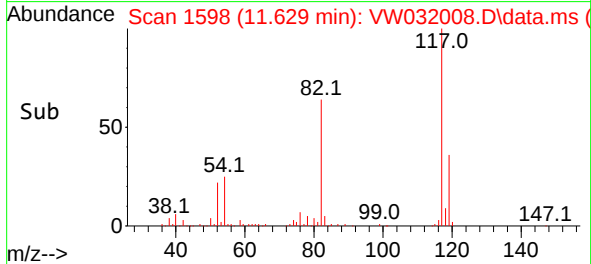


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

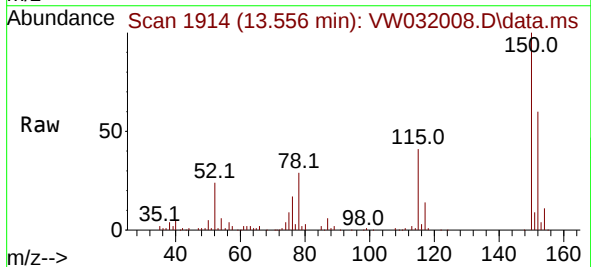
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE



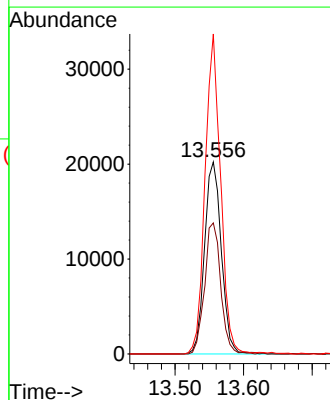
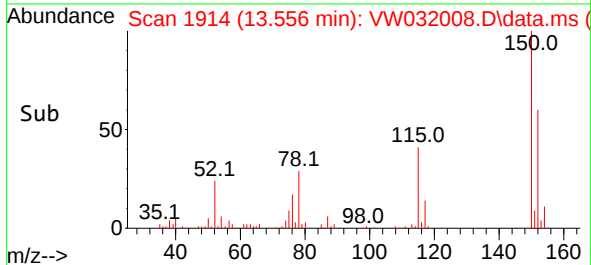
Tgt Ion:117 Resp: 86486
Ion Ratio Lower Upper
117 100
82 64.4 46.5 69.7
119 36.2 25.8 38.6

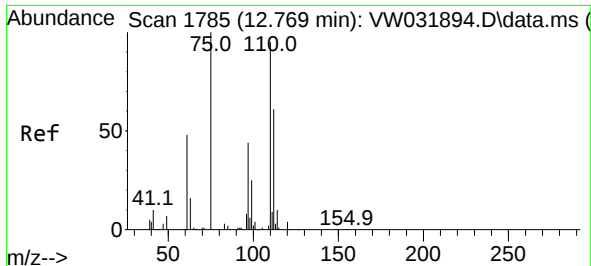


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13



Tgt Ion:152 Resp: 34475
Ion Ratio Lower Upper
152 100
115 65.7 33.4 100.1
150 153.9 0.0 352.2

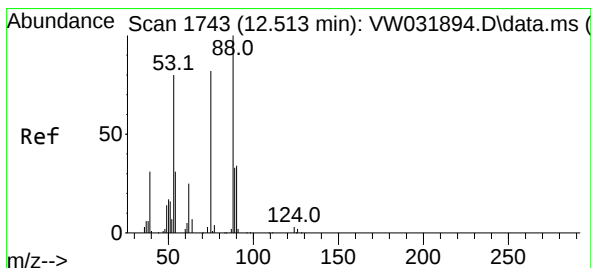
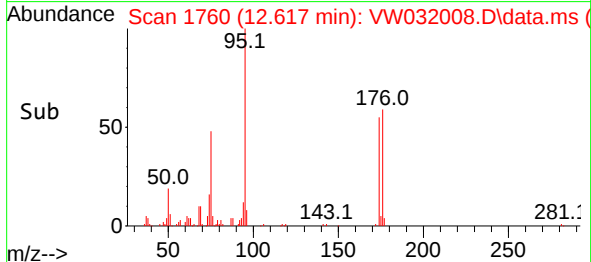
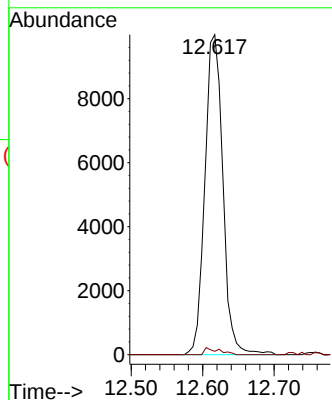
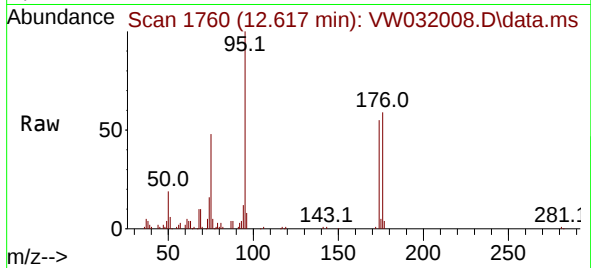




#76
1,2,3-Trichloropropane
Concen: 36.720 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.152 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE

Tgt Ion: 75 Resp: 17478
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.776 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.104 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

Tgt Ion: 75 Resp: 17478
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 39.0 58.6#

