

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW032000.D
 Acq On : 04 Aug 2025 14:40
 Operator : SY/MD
 Sample : Q2760-01
 Misc : 5.18g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

Quant Time: Aug 05 01:20:00 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)

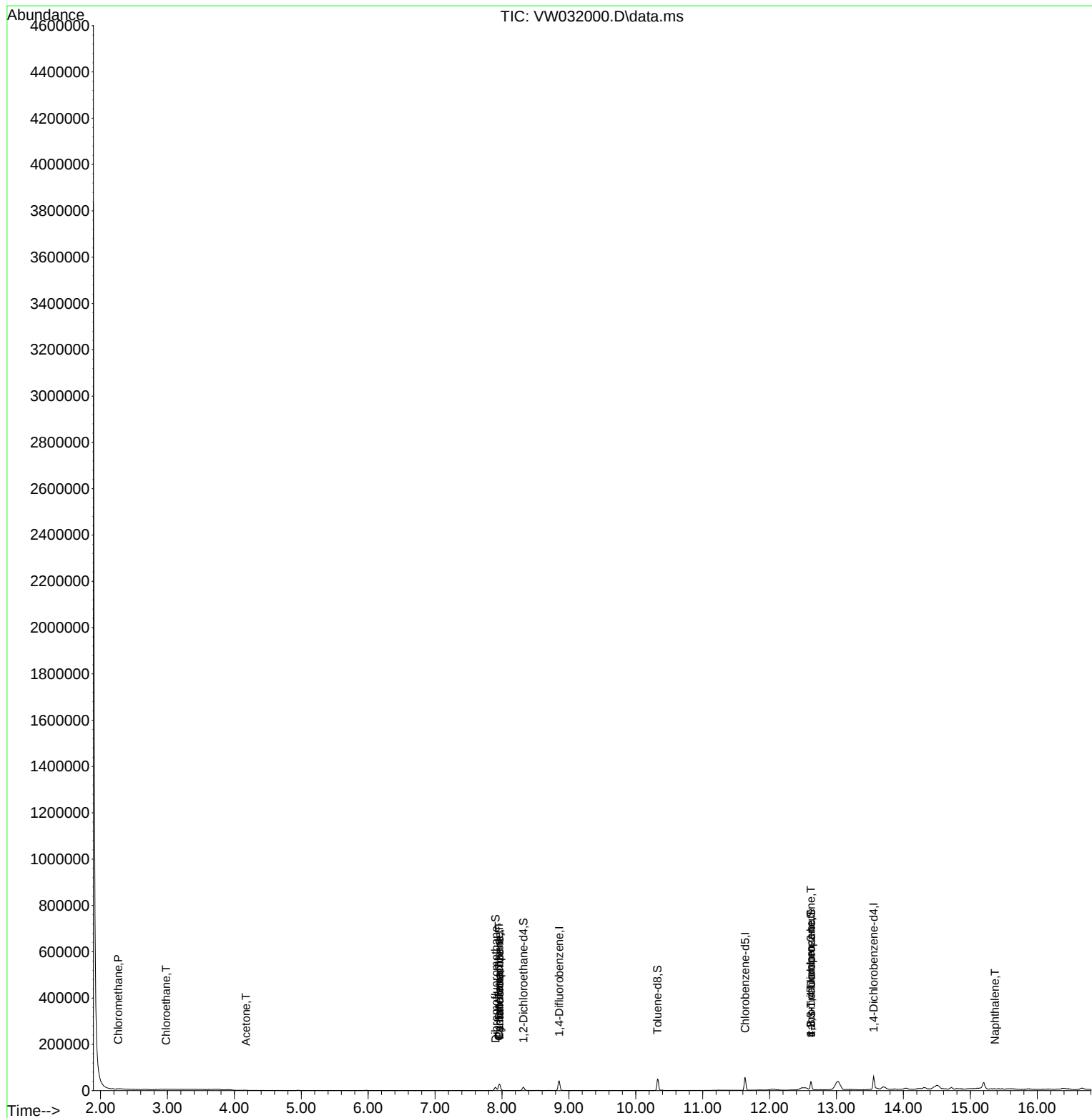
Internal Standards						
1) Pentafluorobenzene	7.965	168	19570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	35863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	31934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	12917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	11834	39.974	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	79.940%	
35) Dibromofluoromethane	7.904	113	10758	44.146	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	88.300%	
50) Toluene-d8	10.324	98	34298	37.187	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	74.380%	
62) 4-Bromofluorobenzene	12.617	95	12620	35.635	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	71.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.265	50	189	1.012	ug/l #	43
6) Chloroethane	2.978	64	252	1.574	ug/l #	43
13) Acrolein	3.935	56	47	Below Cal	#	14
16) Acetone	4.173	43	2092	29.779	ug/l	90
20) Methylene Chloride	4.947	84	874	Below Cal	#	60
31) Cyclohexane	7.959	56	466	1.026	ug/l #	19
36) 1,1-Dichloropropene	7.959	75	1970	5.264	ug/l #	46
38) Carbon Tetrachloride	7.953	117	2332	6.493	ug/l #	13
76) 1,2,3-Trichloropropane	12.617	75	6724	37.704	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.617	75	6724	87.047	ug/l #	9
95) Naphthalene	15.366	128	894	1.348	ug/l #	57

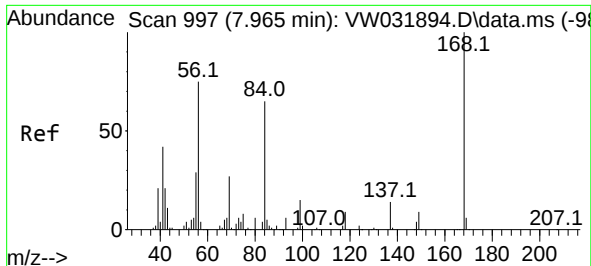
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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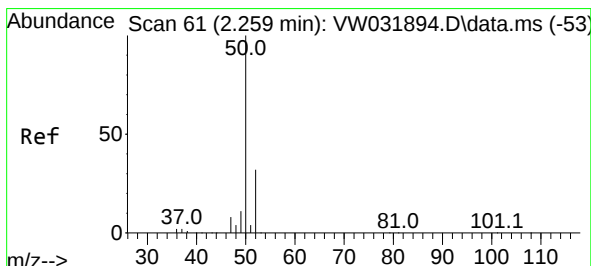
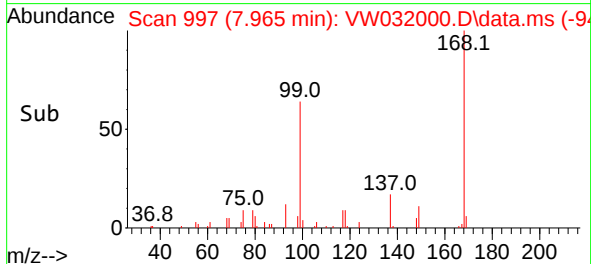
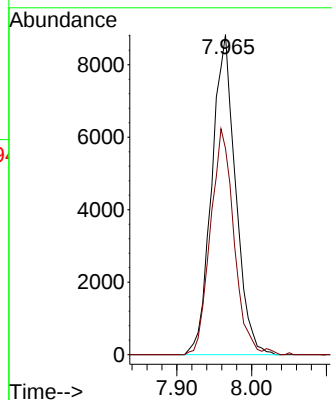
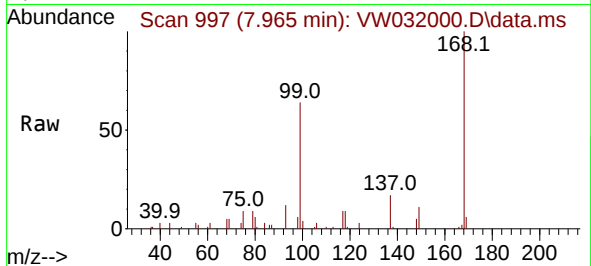




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

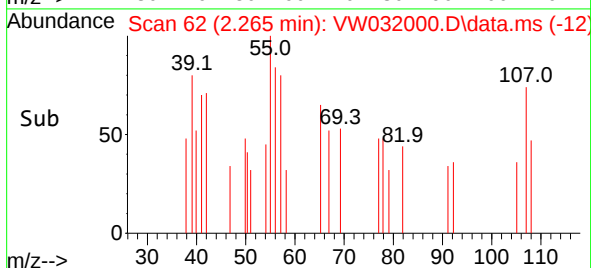
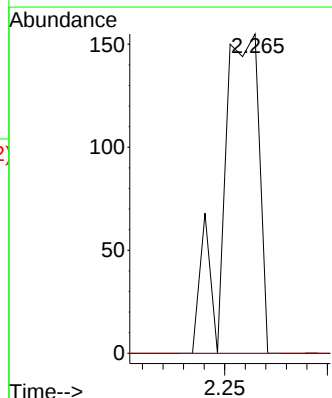
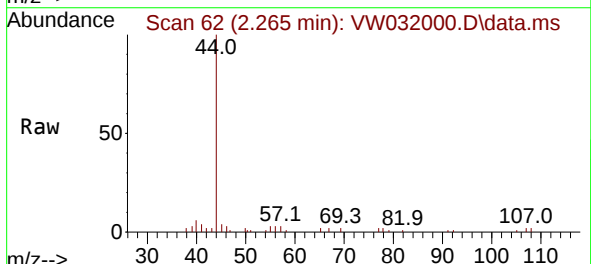
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025

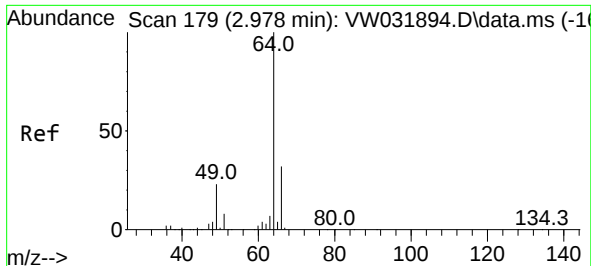
Tgt Ion:168 Resp: 19570
Ion Ratio Lower Upper
168 100
99 64.5 48.2 72.2



#3
Chloromethane
Concen: 1.012 ug/l
RT: 2.265 min Scan# 62
Delta R.T. 0.006 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion: 50 Resp: 189
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

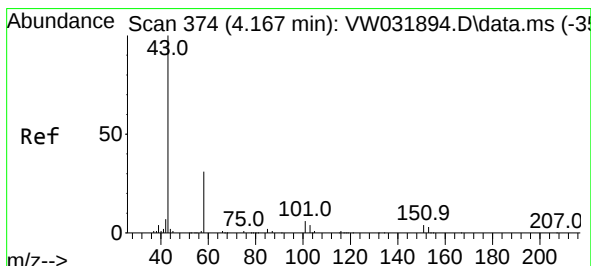
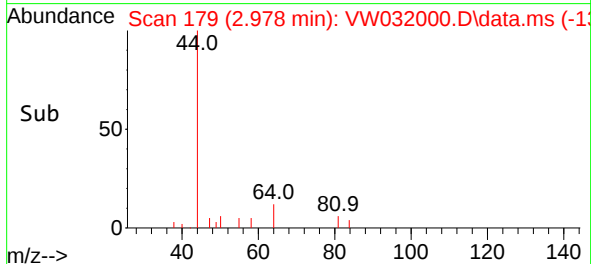
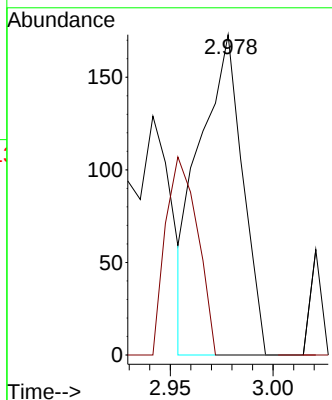
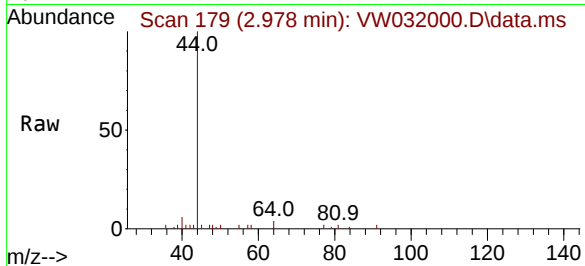




#6
Chloroethane
Concen: 1.574 ug/l
RT: 2.978 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

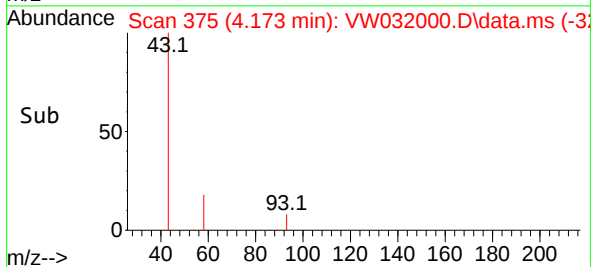
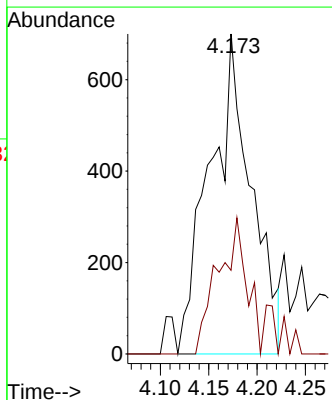
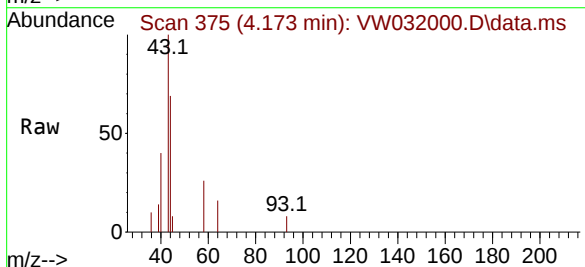
Instrument :
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ClientSampleId :
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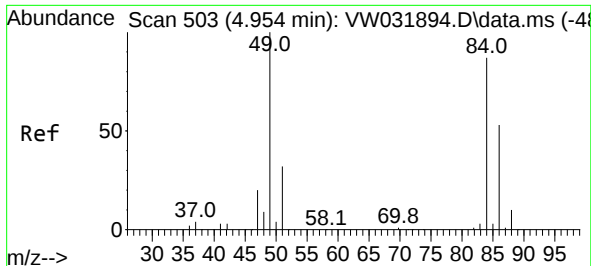
Tgt Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#16
Acetone
Concen: 29.779 ug/l
RT: 4.173 min Scan# 375
Delta R.T. 0.006 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 26.1 25.5 38.3

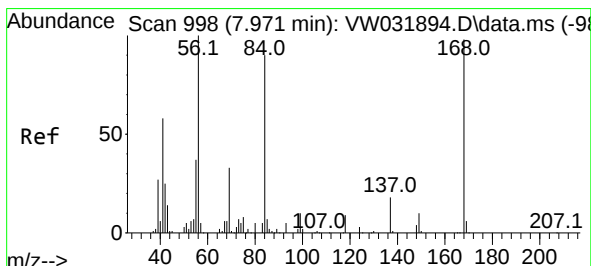
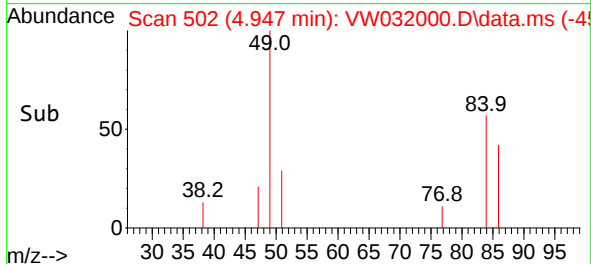
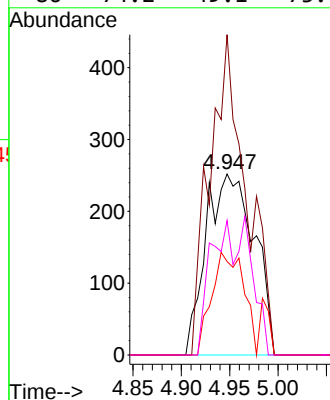
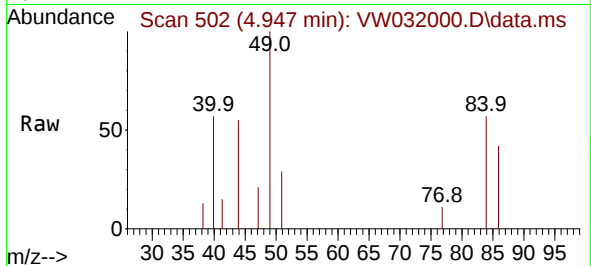




#20
Methylene Chloride
Concen: Below Cal
RT: 4.947 min Scan# 503
Delta R.T. -0.007 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

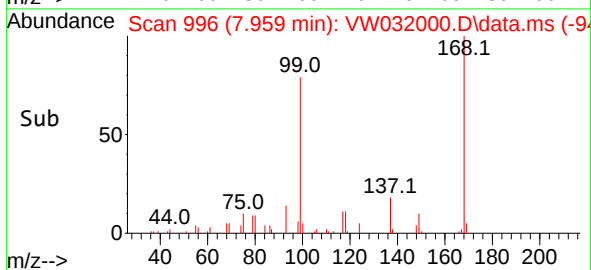
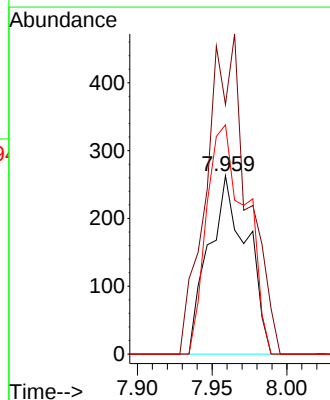
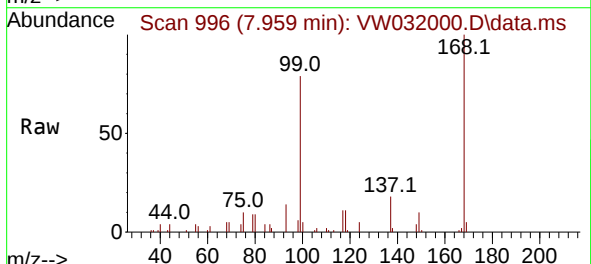
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025

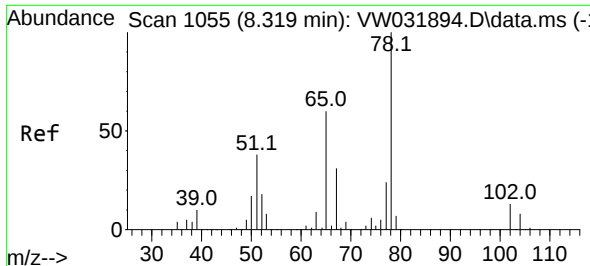
Tgt Ion:	84	Resp:	874
Ion	Ratio	Lower	Upper
84	100		
49	177.0	91.9	137.9#
51	51.6	29.0	43.6#
86	74.2	49.1	73.7#



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion:	56	Resp:	466
Ion	Ratio	Lower	Upper
56	100		
69	139.9	26.7	40.1#
84	128.5	71.8	107.6#

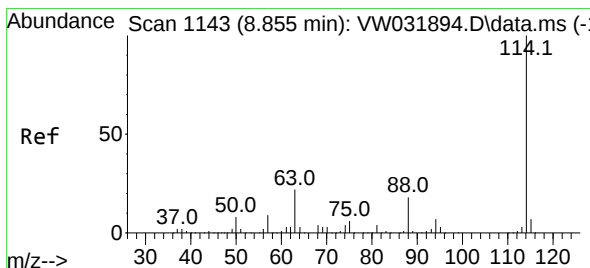
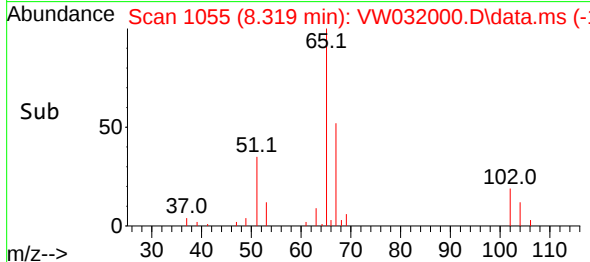
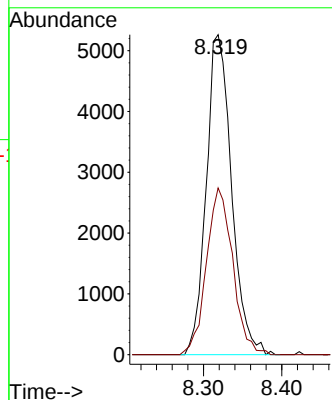
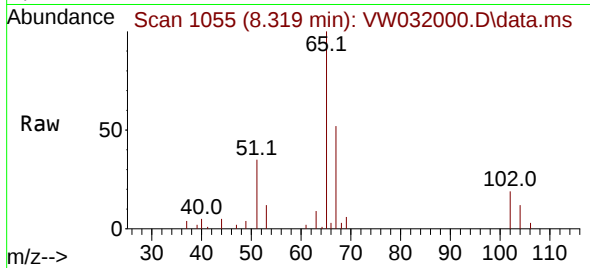




#33
 1,2-Dichloroethane-d4
 Concen: 39.974 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

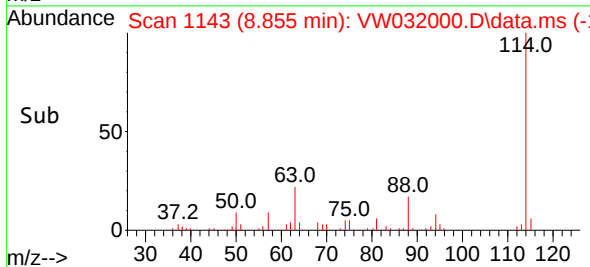
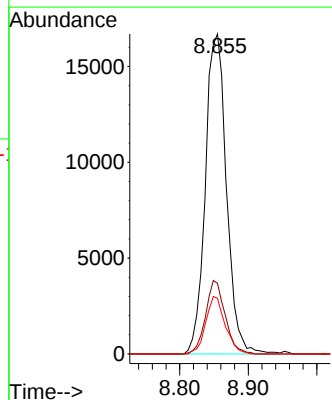
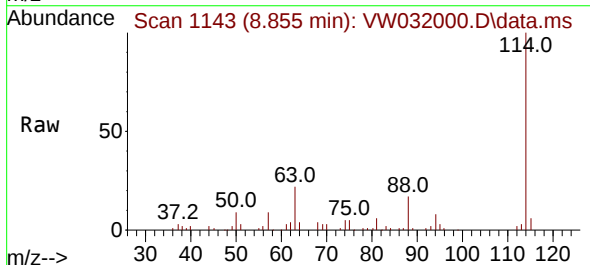
Instrument :
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 ClientSampleId :
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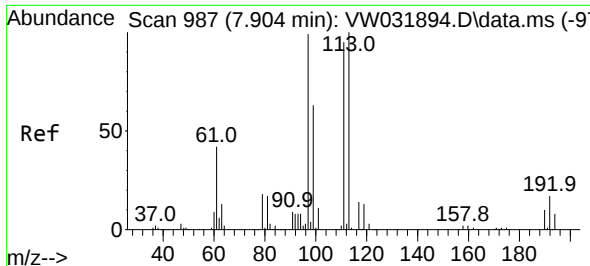
Tgt Ion: 65 Resp: 11834
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Tgt Ion: 114 Resp: 35863
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.2
 88 17.4 0.0 35.6

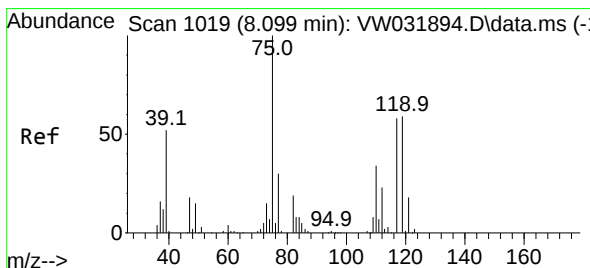
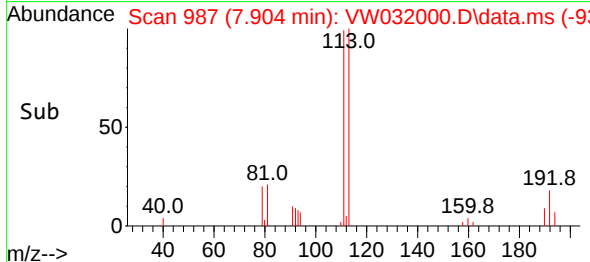
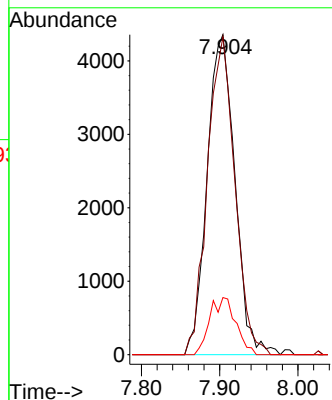
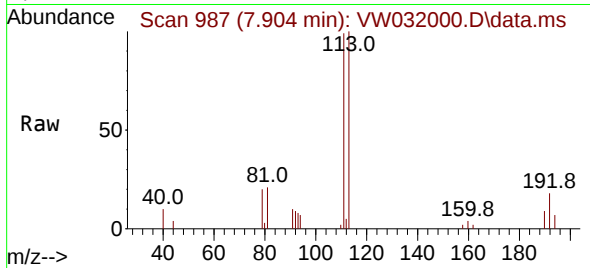




#35
 Dibromofluoromethane
 Concen: 44.146 ug/l
 RT: 7.904 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

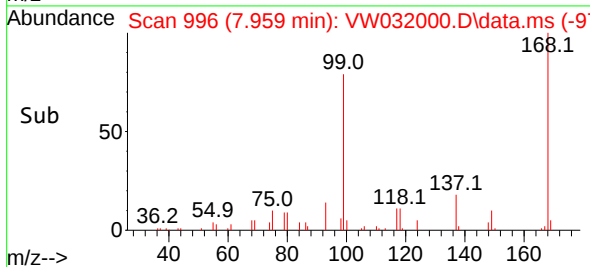
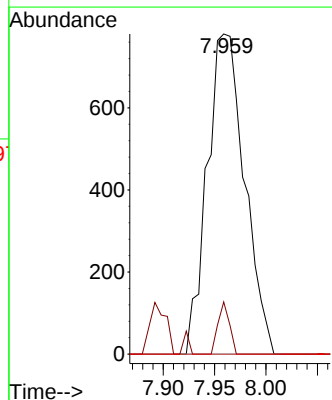
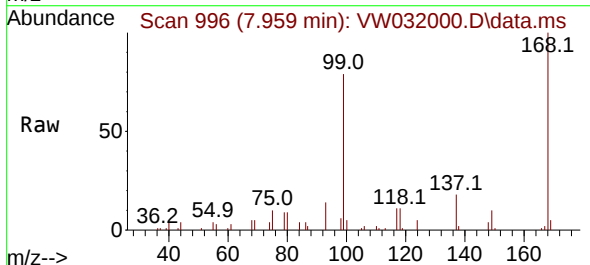
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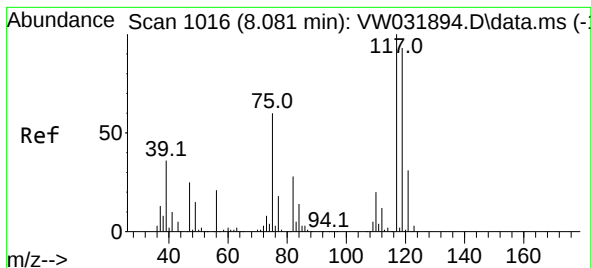
Tgt Ion:113 Resp: 10758
 Ion Ratio Lower Upper
 113 100
 111 97.7 79.9 119.9
 192 16.7 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.264 ug/l
 RT: 7.959 min Scan# 996
 Delta R.T. -0.140 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Tgt Ion: 75 Resp: 1970
 Ion Ratio Lower Upper
 75 100
 110 5.0 17.0 50.9#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.493 ug/l

RT: 7.953 min Scan# 995

Delta R.T. -0.128 min

Lab File: VW032000.D

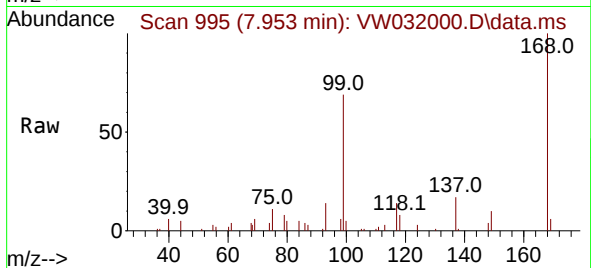
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Instrument :

MSVOA_W

ClientSampleId :

NB-07-08042025



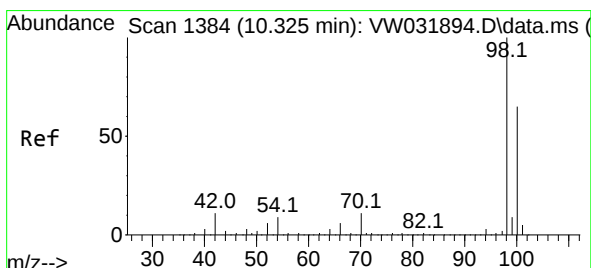
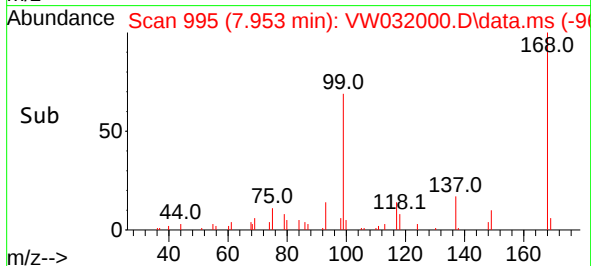
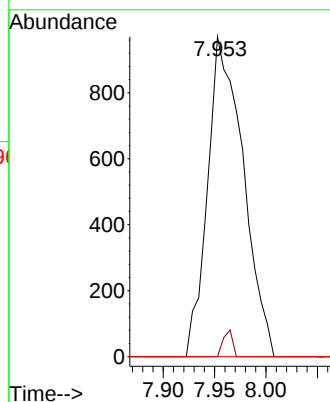
Tgt Ion:117 Resp: 2332

Ion Ratio Lower Upper

117 100

119 0.0 74.3 111.5#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 37.187 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032000.D

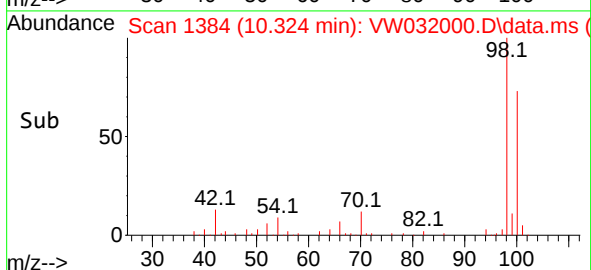
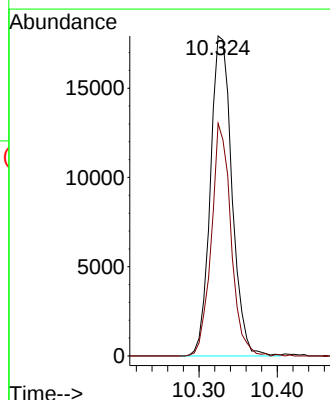
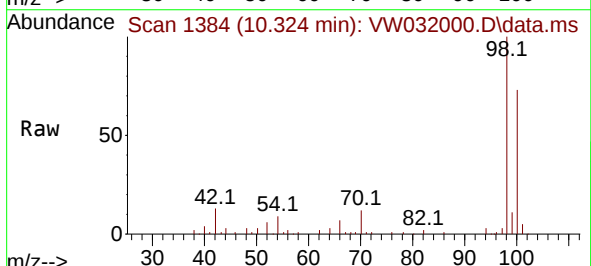
Acq: 04 Aug 2025 14:40

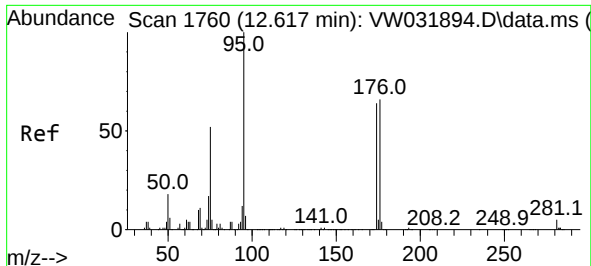
Tgt Ion: 98 Resp: 34298

Ion Ratio Lower Upper

98 100

100 66.3 51.7 77.5

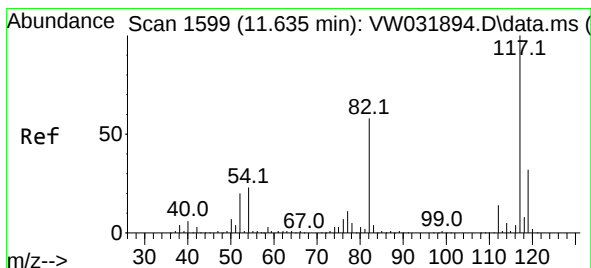
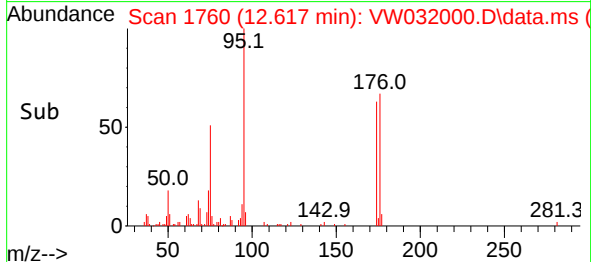
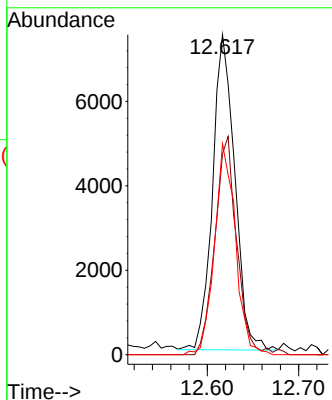
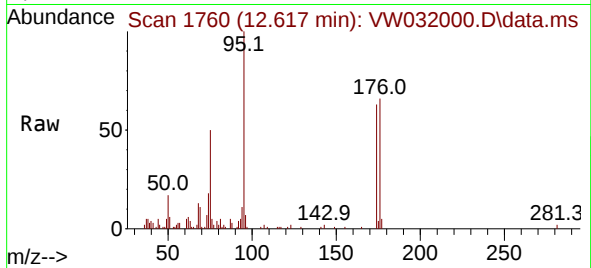




#62
4-Bromofluorobenzene
Concen: 35.635 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

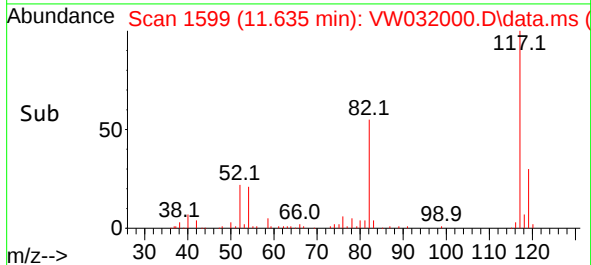
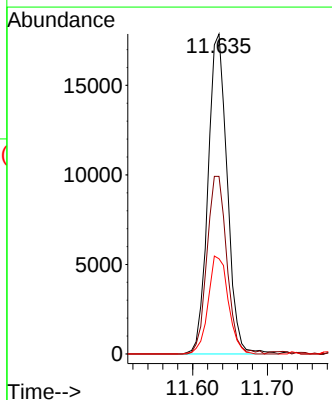
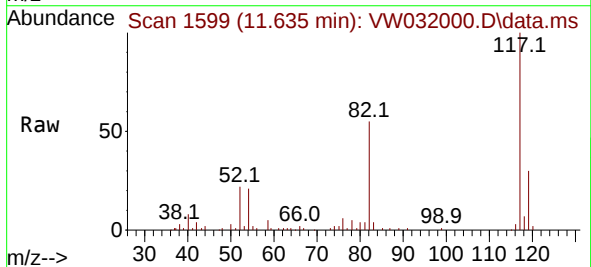
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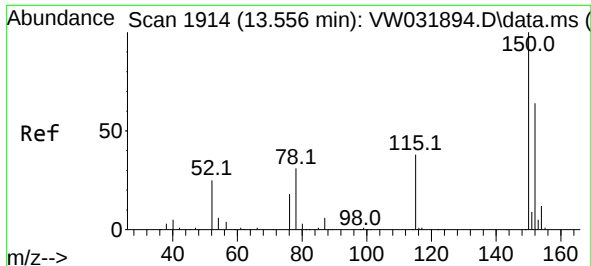
Tgt Ion:	95	Resp:	12620
Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	129.8
176	63.4	0.0	130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion:	117	Resp:	31934
Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.5	69.7
119	29.8	25.8	38.6

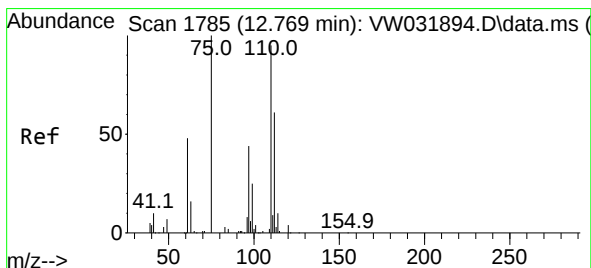
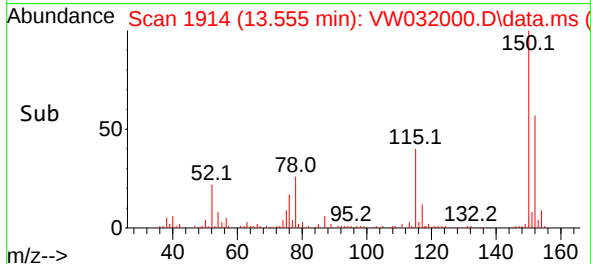
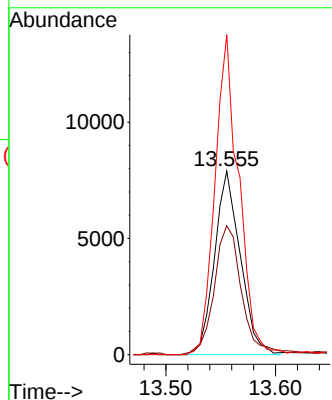
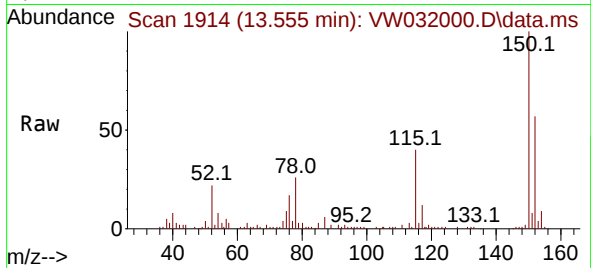




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

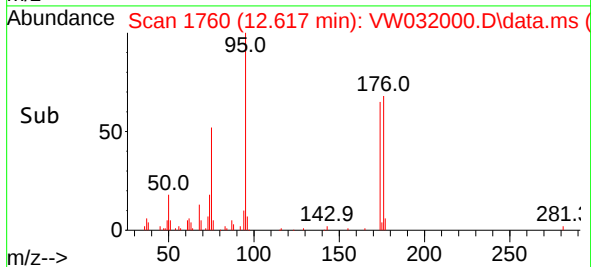
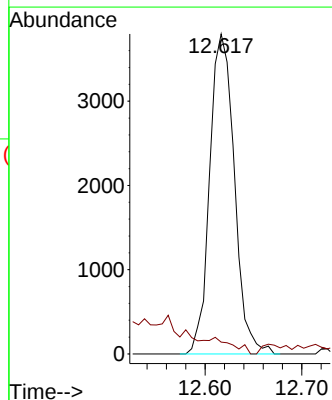
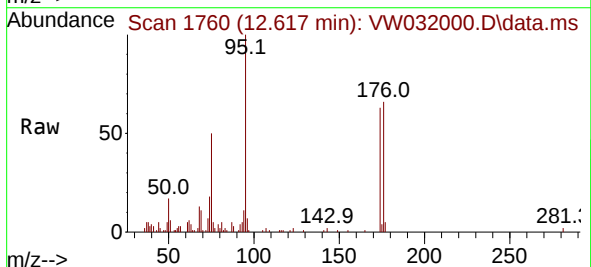
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025

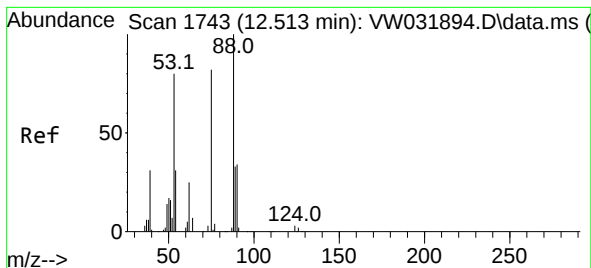
Tgt Ion:152 Resp: 12917
 Ion Ratio Lower Upper
 152 100
 115 75.2 33.4 100.1
 150 161.1 0.0 352.2



#76
 1,2,3-Trichloropropane
 Concen: 37.704 ug/l
 RT: 12.617 min Scan# 1760
 Delta R.T. -0.153 min
 Lab File: VW032000.D
 Acq: 04 Aug 2025 14:40

Tgt Ion: 75 Resp: 6724
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

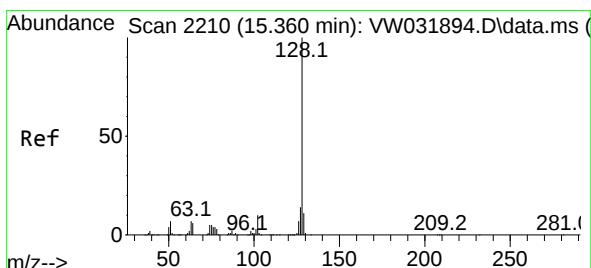
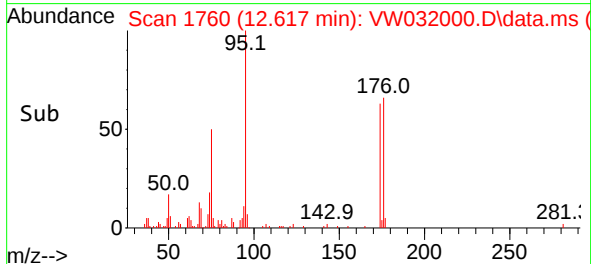
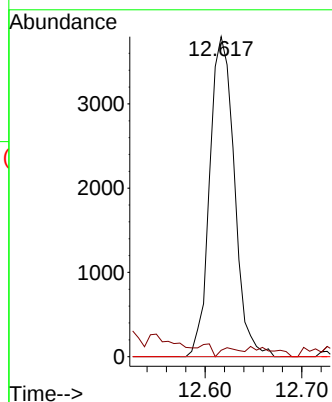
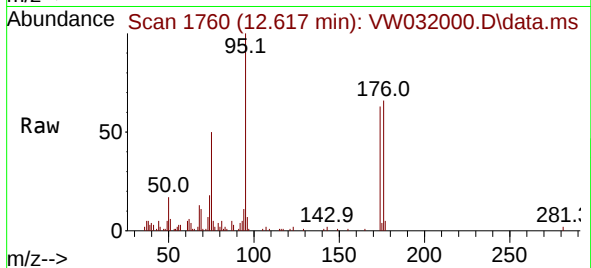




#81
trans-1,4-Dichloro-2-butene
Concen: 87.047 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.103 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025

Tgt Ion: 75 Resp: 6724
Ion Ratio Lower Upper
75 100
53 2.2 83.7 125.5#
89 0.0 39.0 58.6#



#95
Naphthalene
Concen: 1.348 ug/l
RT: 15.366 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VW032000.D
Acq: 04 Aug 2025 14:40

Tgt Ion: 128 Resp: 894
Ion Ratio Lower Upper
128 100
127 22.9 10.7 16.1#
129 36.2 9.2 13.8#

