

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032268.D
 Acq On : 26 Sep 2025 09:41
 Operator : SY/MD
 Sample : VW0926SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBL01

Quant Time: Sep 27 04:31:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

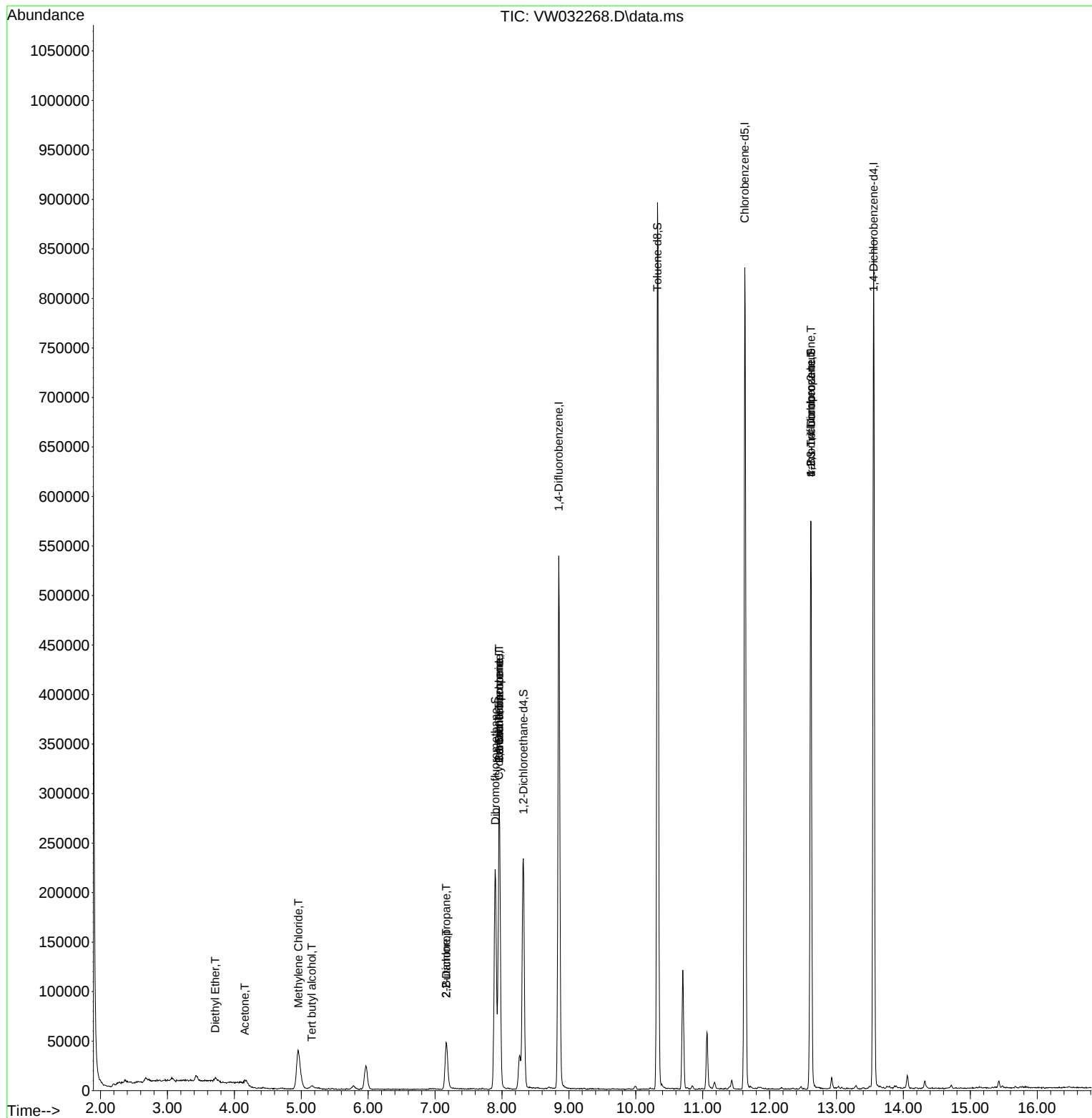
Internal Standards						
1) Pentafluorobenzene	7.959	168	193650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	436371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	462353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	216659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	194023	63.454	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 126.900%		
35) Dibromofluoromethane	7.898	113	166202	52.960	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 105.920%		
50) Toluene-d8	10.325	98	606362	53.612	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 107.220%		
62) 4-Bromofluorobenzene	12.617	95	202578	47.484	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 94.960%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.716	74	1711	1.073	ug/l	81
11) Tert butyl alcohol	5.155	59	4284	20.184	ug/l #	72
16) Acetone	4.155	43	5138	6.543	ug/l #	80
20) Methylene Chloride	4.960	84	38373	7.046	ug/l	90
25) 2-Butanone	7.167	43	3093	2.826	ug/l #	61
26) 2,2-Dichloropropane	7.167	77	3481	1.411	ug/l #	52
31) Cyclohexane	7.953	56	4899	1.241	ug/l #	1
36) 1,1-Dichloropropene	7.959	75	18538	4.381	ug/l #	52
38) Carbon Tetrachloride	7.959	117	22869	5.745	ug/l #	18
76) 1,2,3-Trichloropropane	12.617	75	103771	34.814	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.617	75	103771	90.427	ug/l #	9

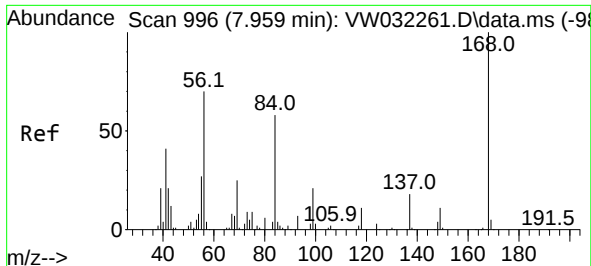
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
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ALS Vial : 3 Sample Multiplier: 1

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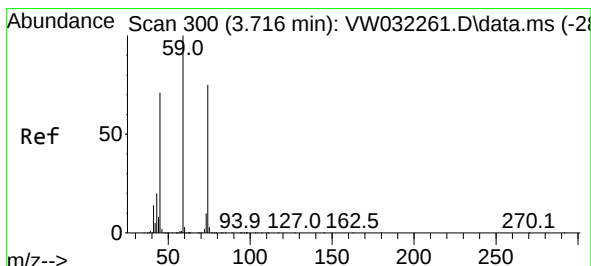
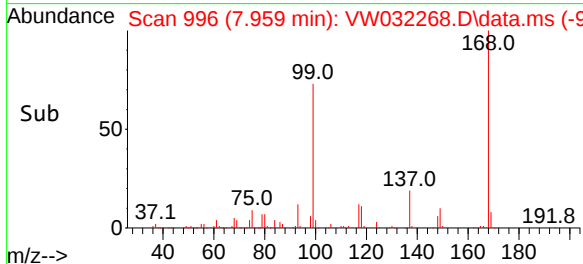
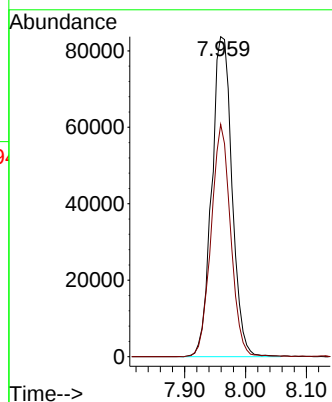
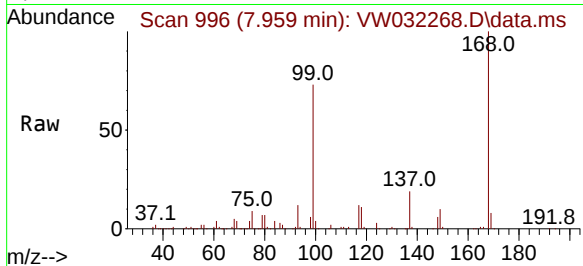




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

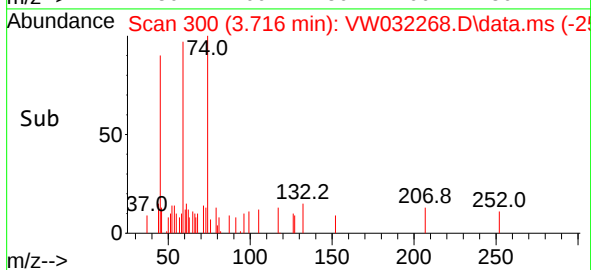
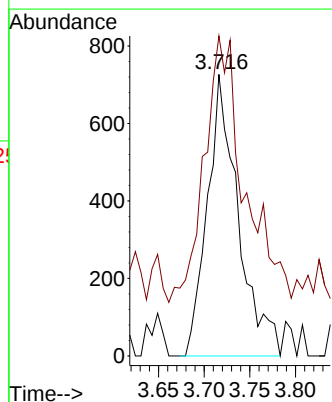
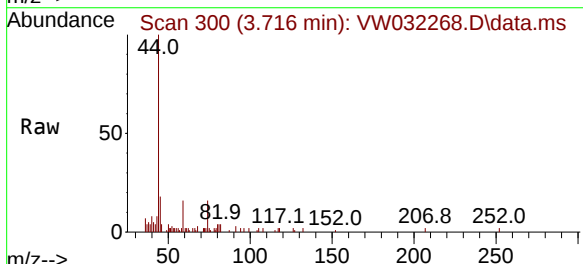
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

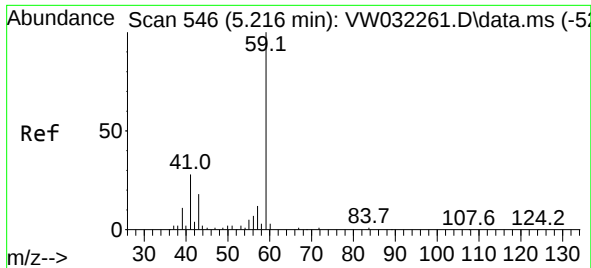
Tgt Ion:168 Resp: 193650
Ion Ratio Lower Upper
168 100
99 72.5 55.0 82.4



#8
Diethyl Ether
Concen: 1.073 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 74 Resp: 1711
Ion Ratio Lower Upper
74 100
45 117.2 49.0 147.2

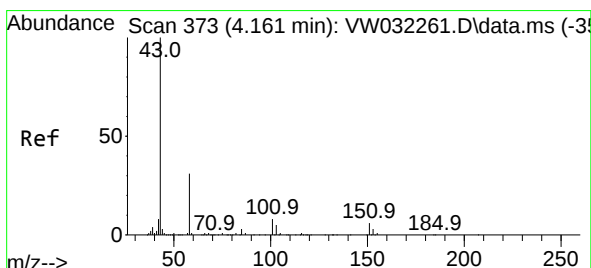
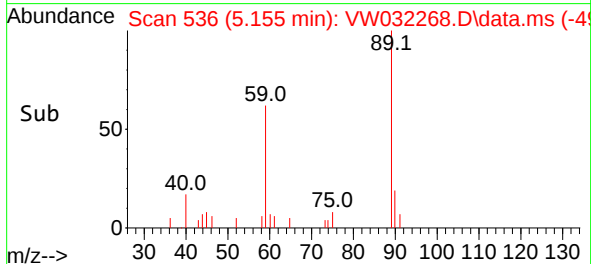
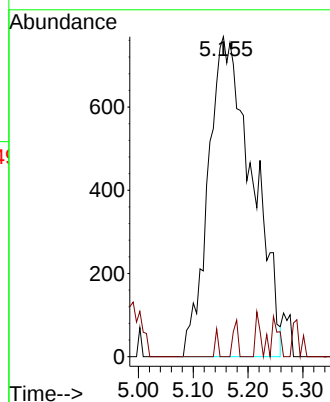
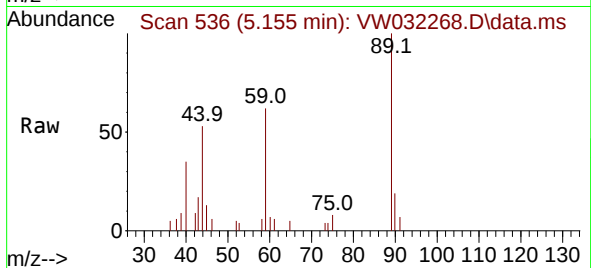




#11
Tert butyl alcohol
Concen: 20.184 ug/l
RT: 5.155 min Scan# 51
Delta R.T. -0.061 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

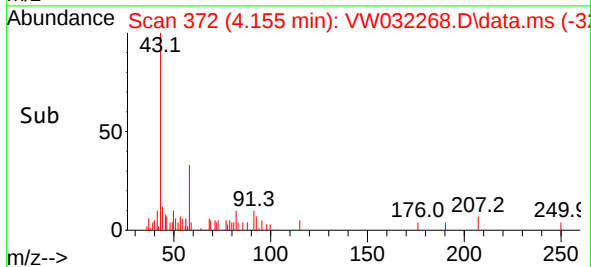
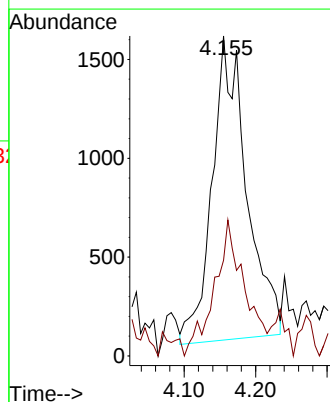
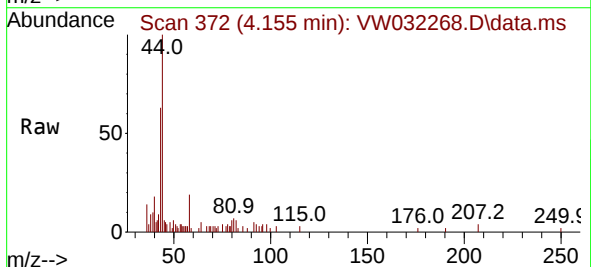
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

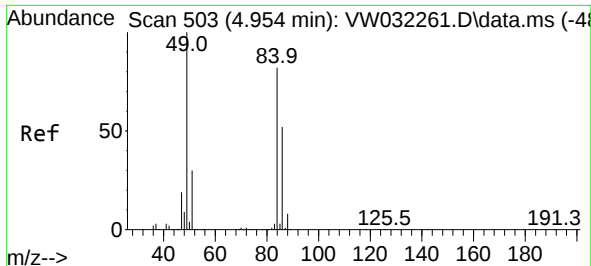
Tgt Ion: 59 Resp: 4284
Ion Ratio Lower Upper
59 100
57 0.6 8.9 13.3#



#16
Acetone
Concen: 6.543 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
58 20.8 25.4 38.0#



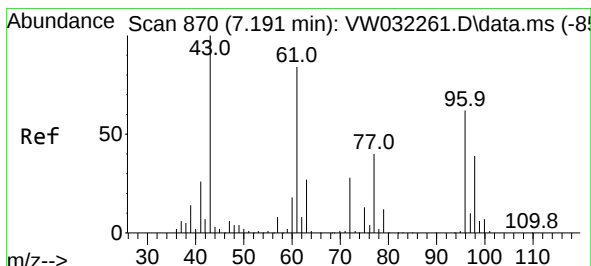
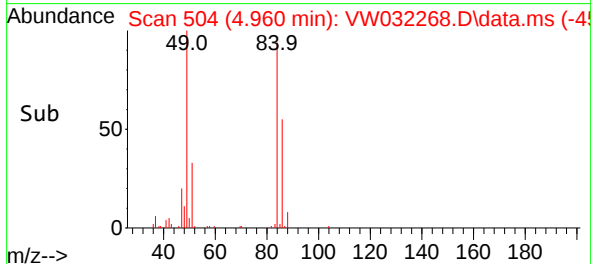
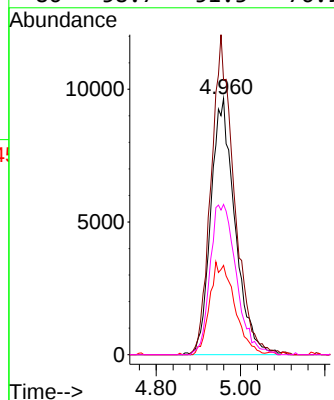
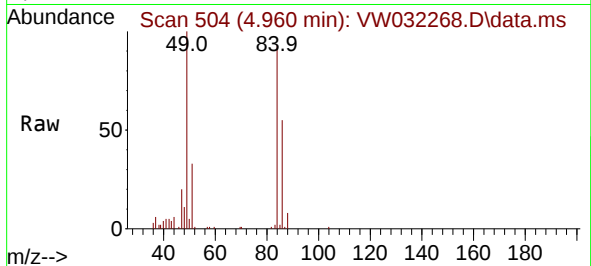


#20
Methylene Chloride
Concen: 7.046 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion: 84 Resp: 38373

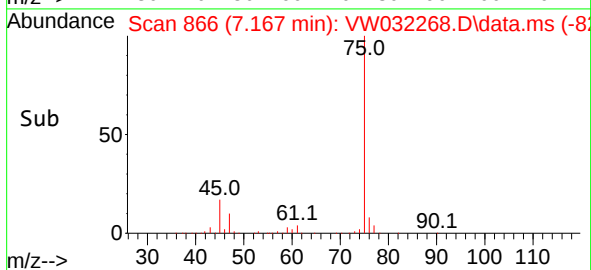
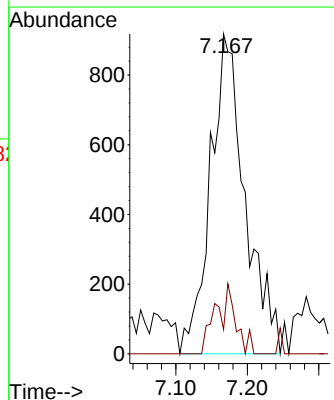
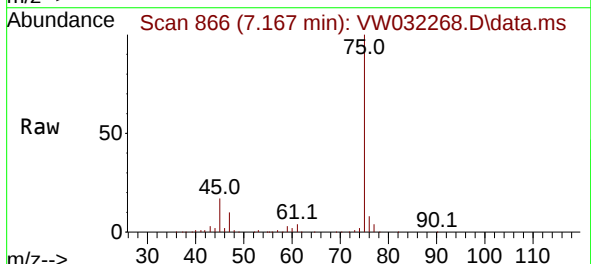
Ion	Ratio	Lower	Upper
84	100		
49	107.3	97.8	146.6
51	34.3	29.9	44.9
86	58.7	51.3	76.9

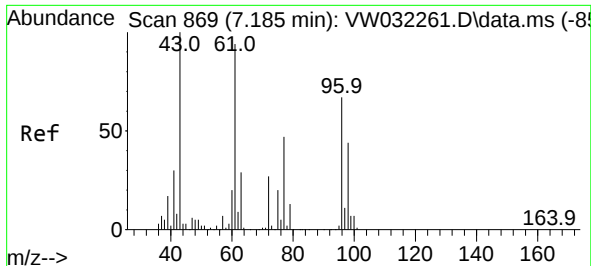


#25
2-Butanone
Concen: 2.826 ug/l
RT: 7.167 min Scan# 866
Delta R.T. -0.024 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 43 Resp: 3093

Ion	Ratio	Lower	Upper
43	100		
72	7.6	22.3	33.5#

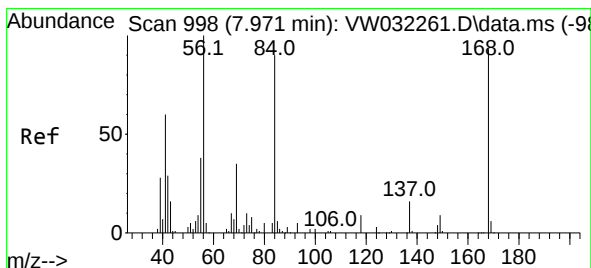
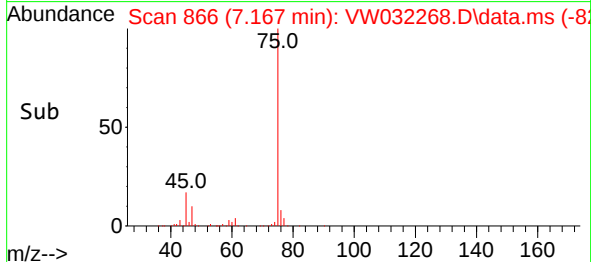
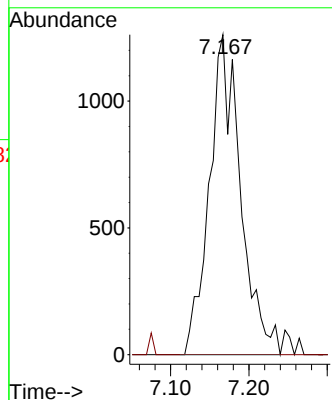
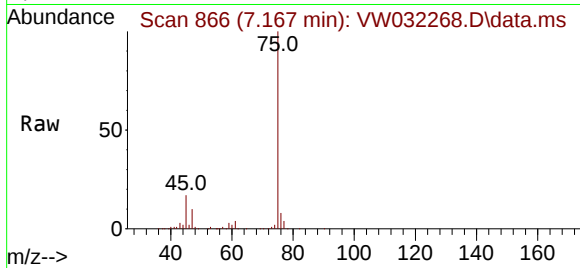




#26
2,2-Dichloropropane
Concen: 1.411 ug/l
RT: 7.167 min Scan# 866
Delta R.T. -0.018 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

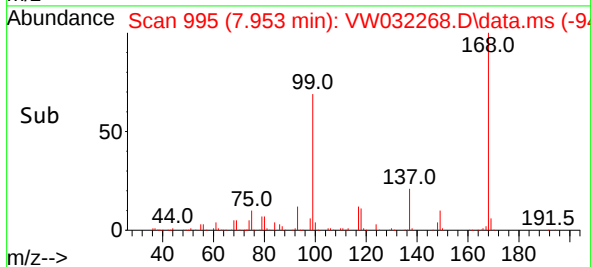
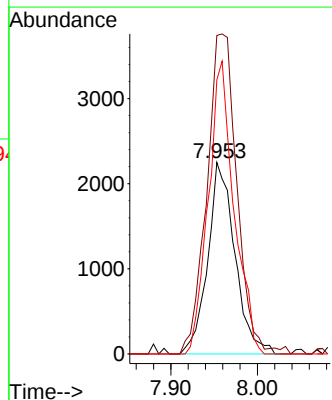
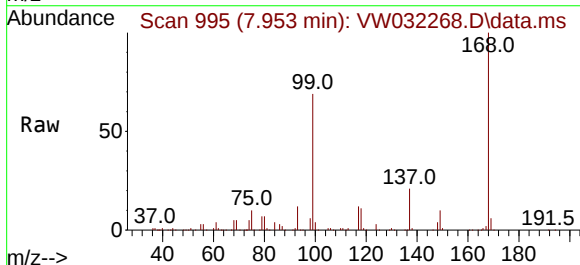
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

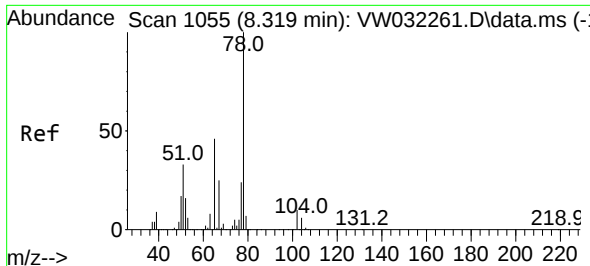
Tgt Ion: 77 Resp: 3481
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.018 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 56 Resp: 4899
Ion Ratio Lower Upper
56 100
69 166.4 28.2 42.2#
84 143.2 71.8 107.6#

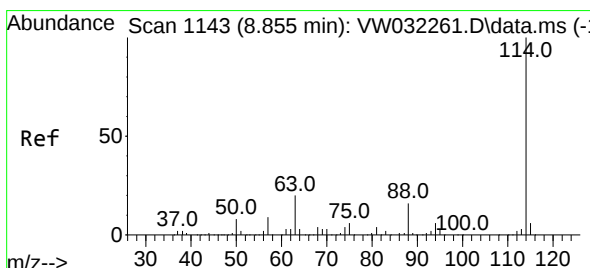
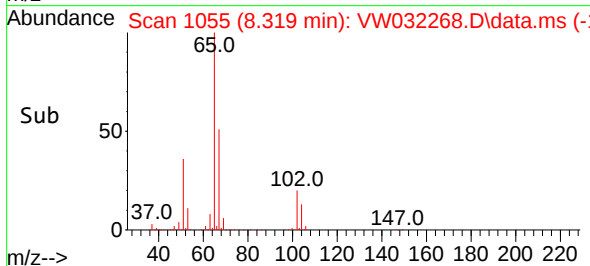
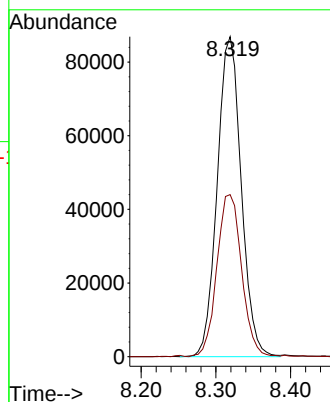
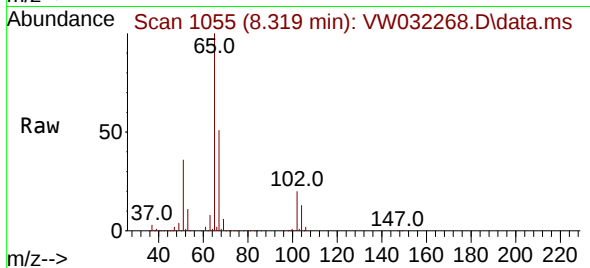




#33
 1,2-Dichloroethane-d4
 Concen: 63.454 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VW032268.D
 Acq: 26 Sep 2025 09:41

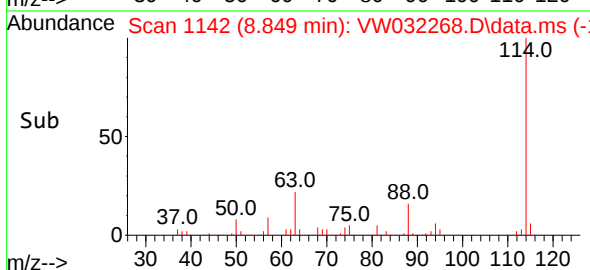
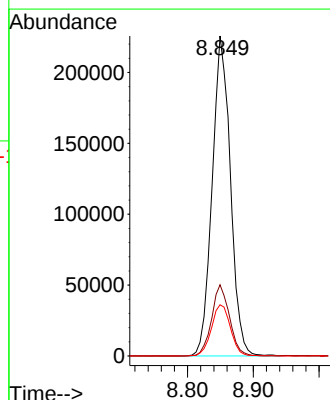
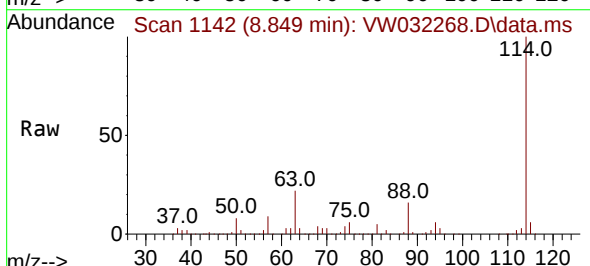
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 VW0926SBL01

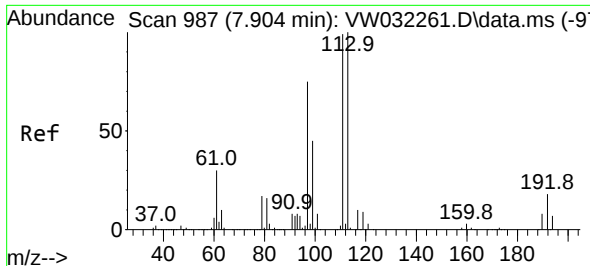
Tgt Ion: 65 Resp: 194023
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032268.D
 Acq: 26 Sep 2025 09:41

Tgt Ion: 114 Resp: 436371
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 40.2
 88 16.0 0.0 32.0

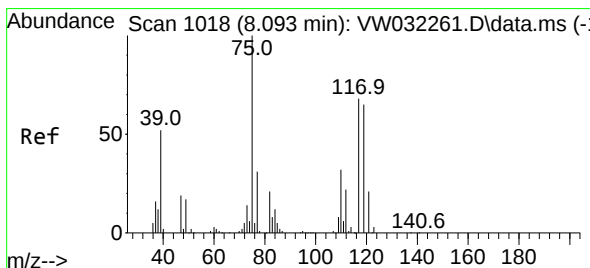
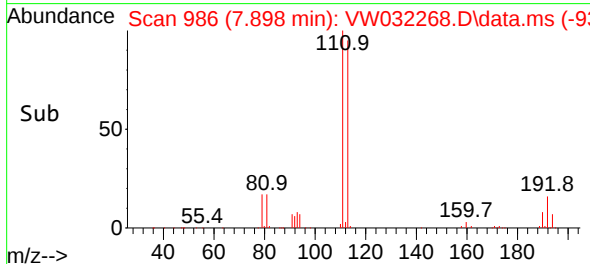
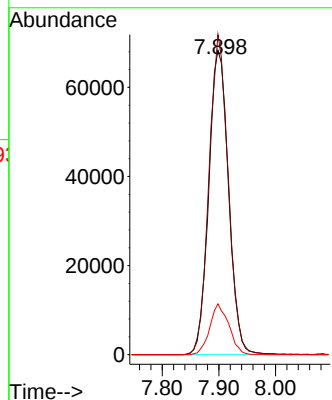
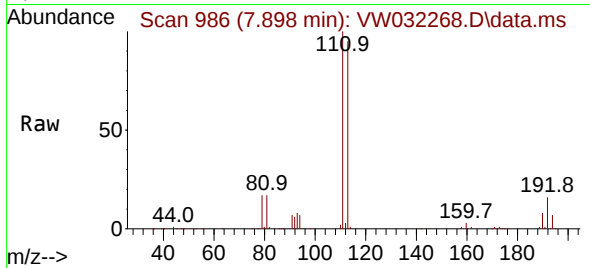




#35
Dibromofluoromethane
Concen: 52.960 ug/l
RT: 7.898 min Scan# 911
Delta R.T. -0.006 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

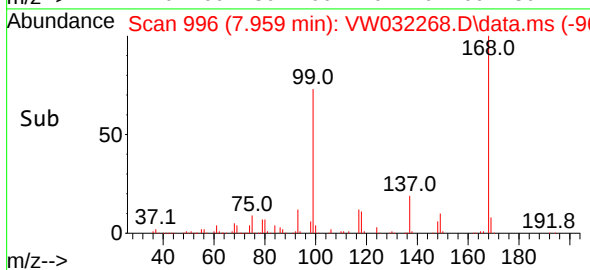
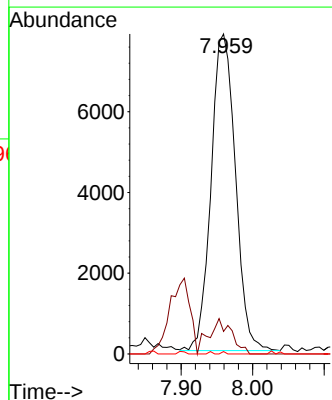
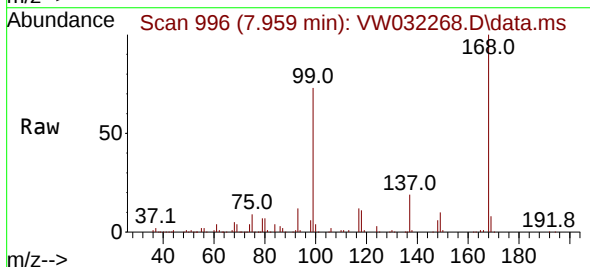
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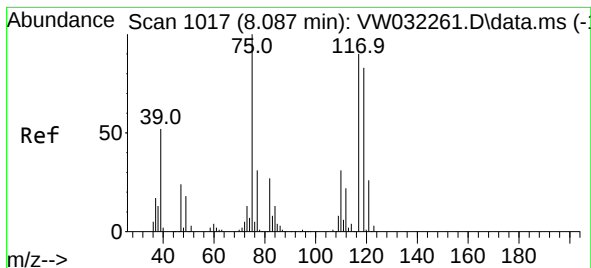
Tgt Ion:113 Resp: 166202
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 16.1 13.0 19.4



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.134 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 75 Resp: 18538
Ion Ratio Lower Upper
75 100
110 10.4 16.7 50.1#
77 0.1 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.745 ug/l

RT: 7.959 min Scan# 996

Delta R.T. -0.128 min

Lab File: VW032268.D

Acq: 26 Sep 2025 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBL01

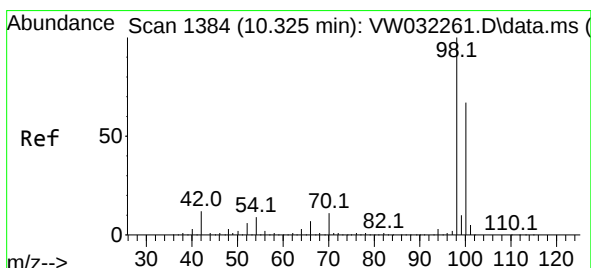
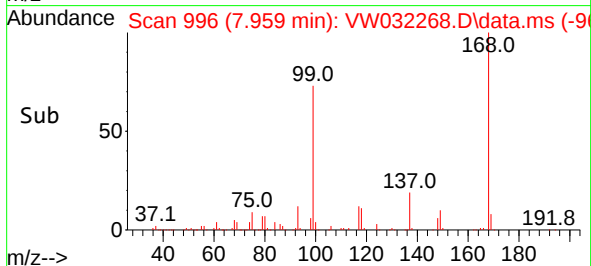
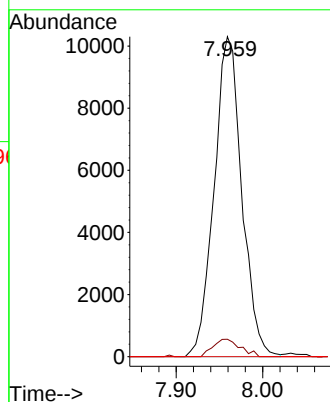
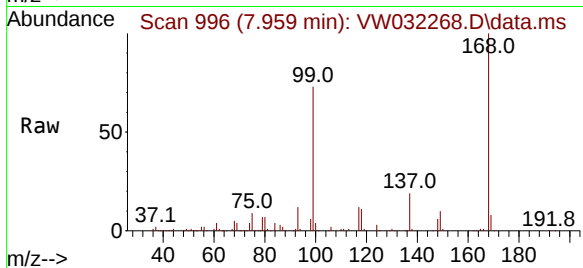
Tgt Ion:117 Resp: 22869

Ion Ratio Lower Upper

117 100

119 5.5 73.9 110.9#

121 0.0 23.0 34.6#



#50

Toluene-d8

Concen: 53.612 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032268.D

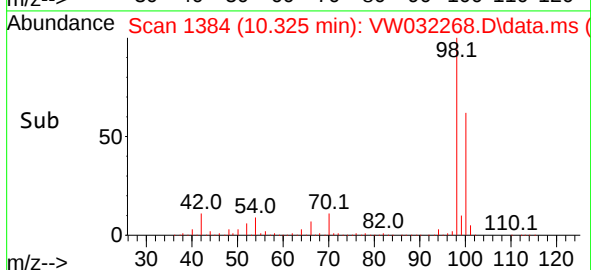
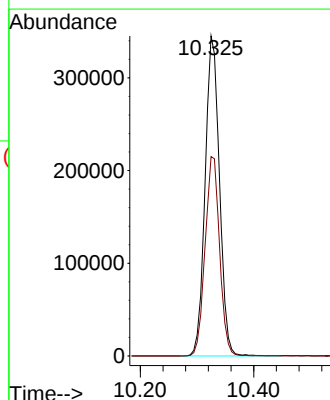
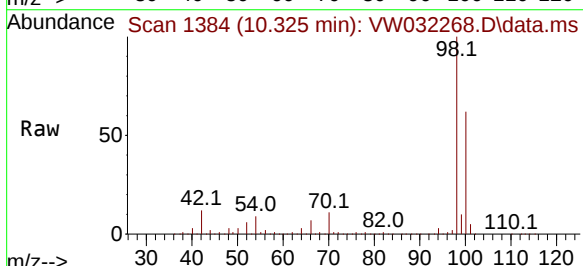
Acq: 26 Sep 2025 09:41

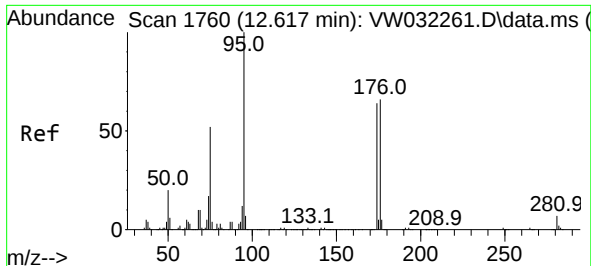
Tgt Ion: 98 Resp: 606362

Ion Ratio Lower Upper

98 100

100 63.1 53.0 79.4

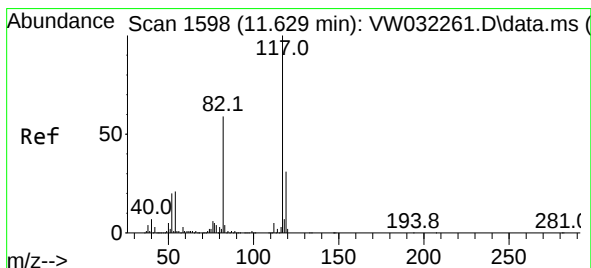
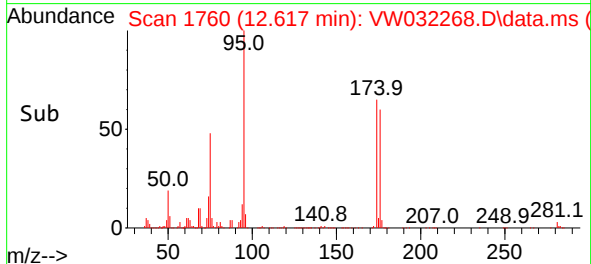
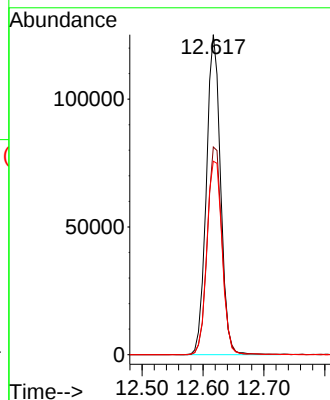
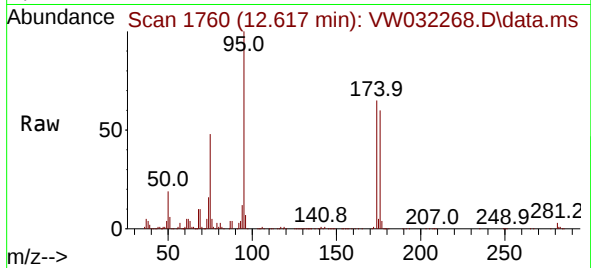




#62
4-Bromofluorobenzene
Concen: 47.484 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

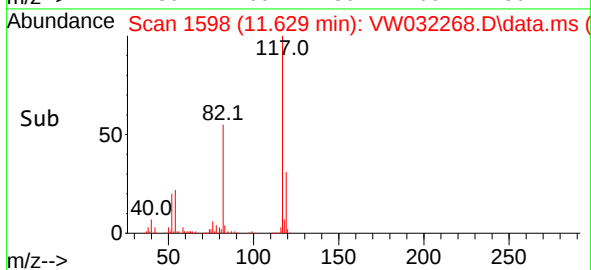
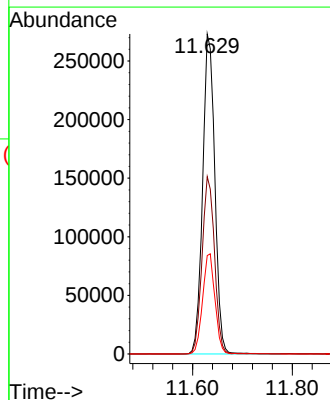
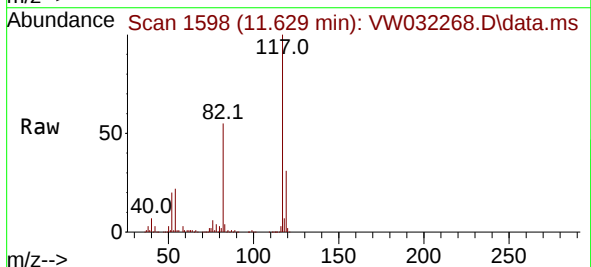
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

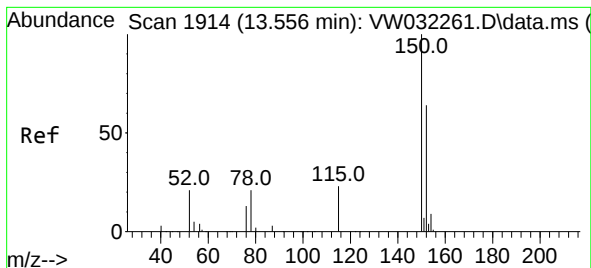
Tgt Ion: 95 Resp: 202578
Ion Ratio Lower Upper
95 100
174 67.1 0.0 130.6
176 65.1 0.0 127.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 117 Resp: 462353
Ion Ratio Lower Upper
117 100
82 55.4 46.9 70.3
119 30.7 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032268.D

Acq: 26 Sep 2025 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBL01

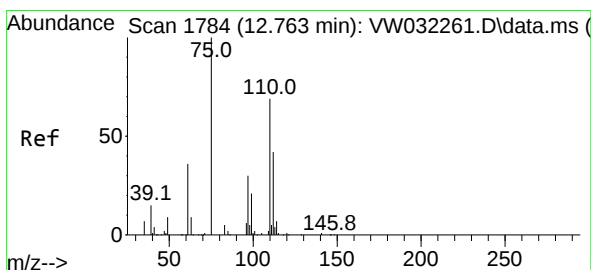
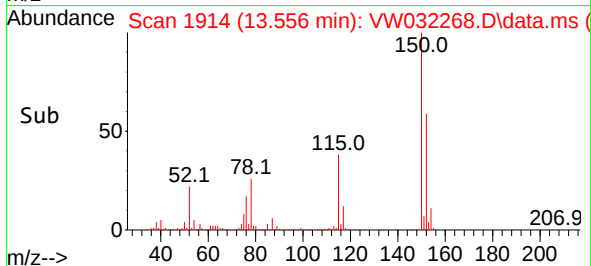
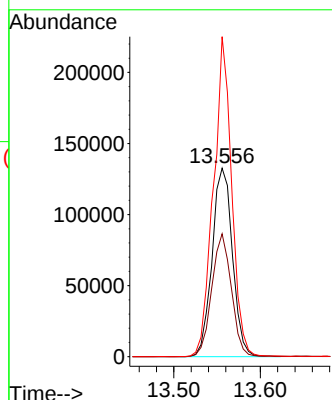
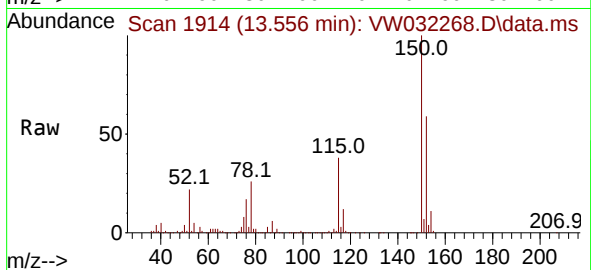
Tgt Ion:152 Resp: 216659

Ion Ratio Lower Upper

152 100

115 62.7 32.5 97.5

150 152.2 0.0 370.2



#76

1,2,3-Trichloropropane

Concen: 34.814 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. -0.146 min

Lab File: VW032268.D

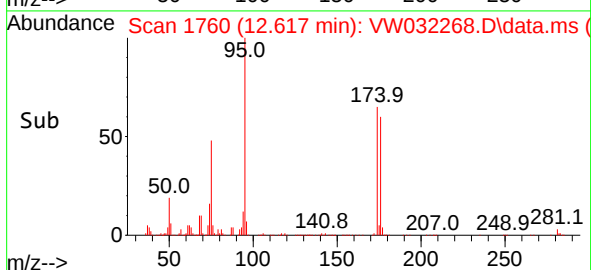
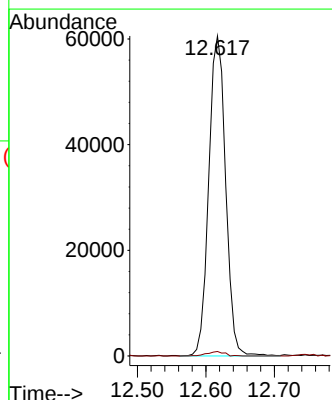
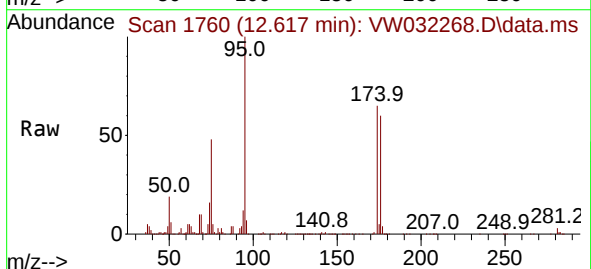
Acq: 26 Sep 2025 09:41

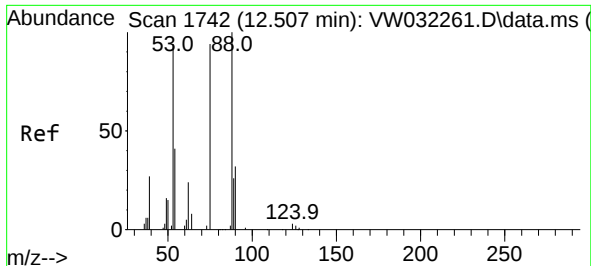
Tgt Ion: 75 Resp: 103771

Ion Ratio Lower Upper

75 100

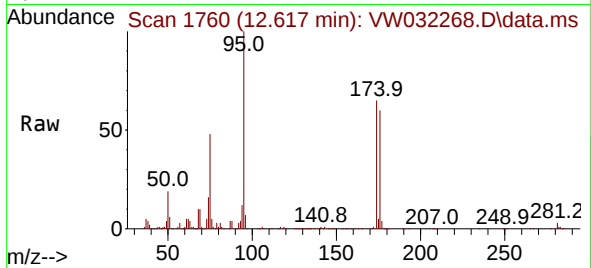
77 1.4 140.9 422.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.427 ug/l
 RT: 12.617 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VW032268.D
 Acq: 26 Sep 2025 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBL01



Tgt Ion: 75 Resp: 103771
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.4 122.2#
 89 0.1 35.4 53.2#

