

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019177.D
 Acq On : 24 Oct 2025 11:46
 Operator : SY/MD
 Sample : VT1024WBL03
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBL03

Quant Time: Oct 25 01:43:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

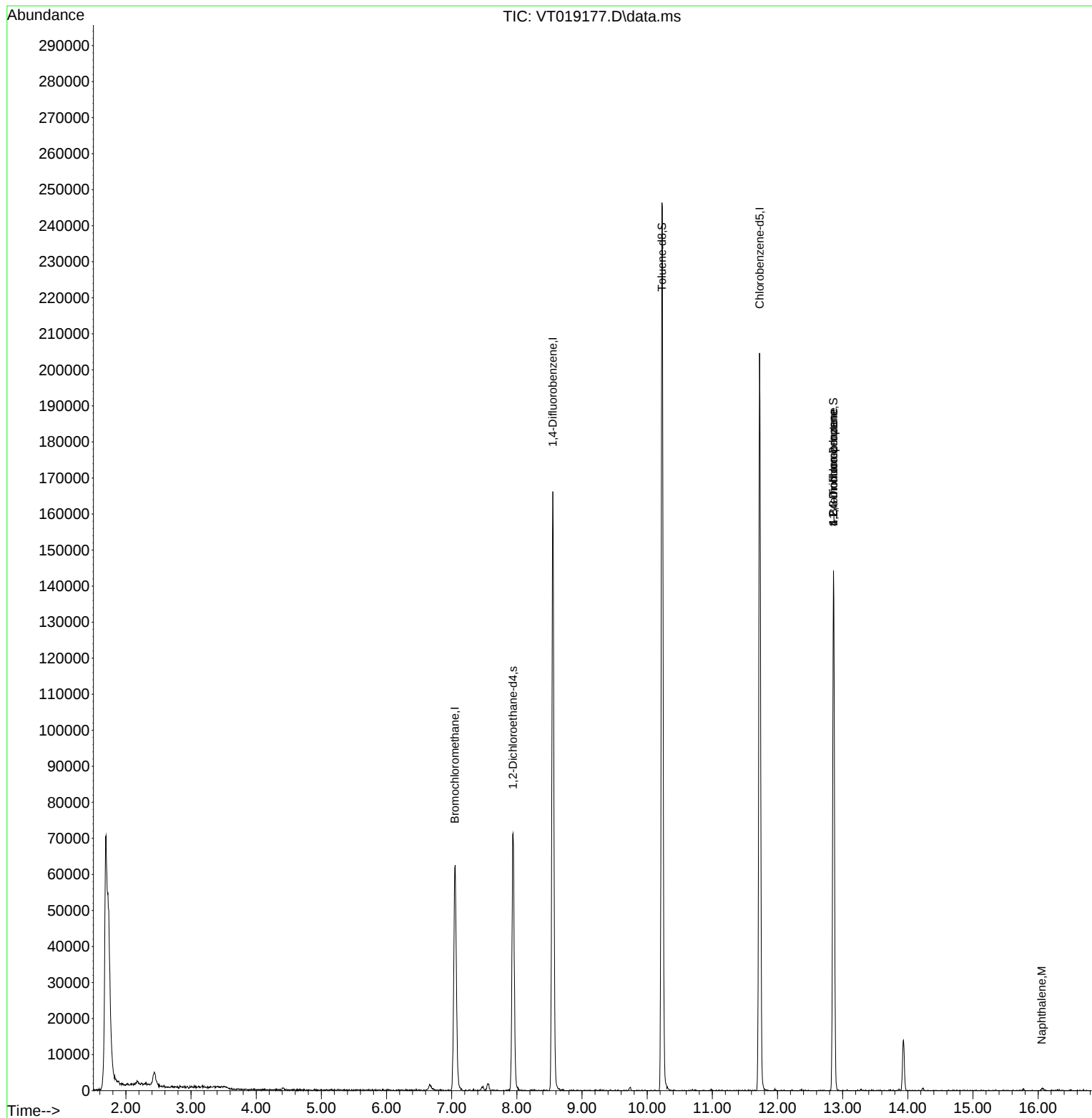
Internal Standards						
1) Bromochloromethane	7.048	128	23096	30.000	ug/l	#-0.03
28) 1,4-Difluorobenzene	8.552	114	150267	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	122950	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	62191	30.735	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.467%
60) 4-Bromofluorobenzene	12.859	95	54792	28.355	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.533%
63) Toluene-d8	10.227	98	178715	29.864	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						Qvalue
72) 1,2,3-Trichloropropane	12.859	75	31978	19.601	ug/l	38
77) t-1,4-Dichloro-2-butene	12.859	75	31978	40.341	ug/l #	7
91) Naphthalene	16.056	128	1438	0.235	ug/l #	69

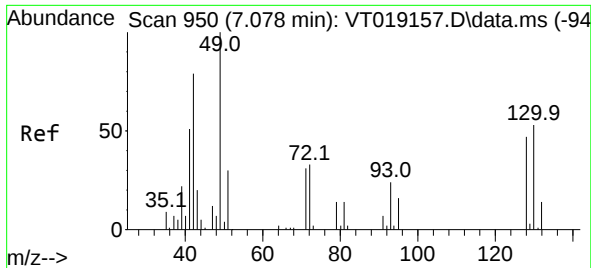
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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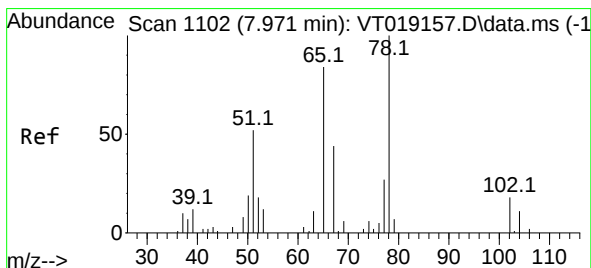
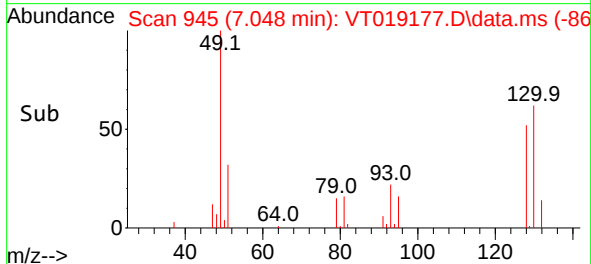
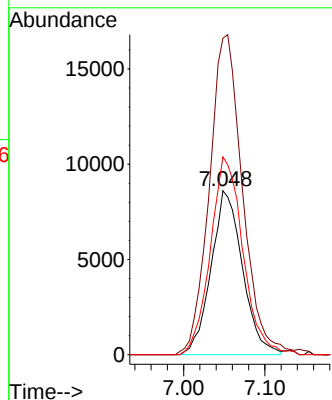
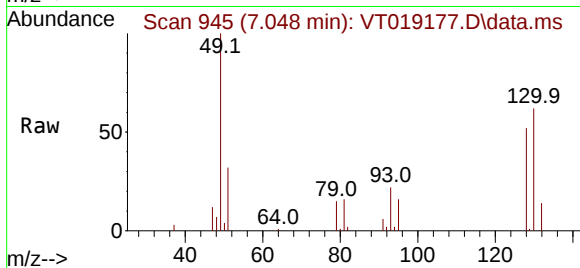




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.048 min Scan# 94
Delta R.T. -0.030 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

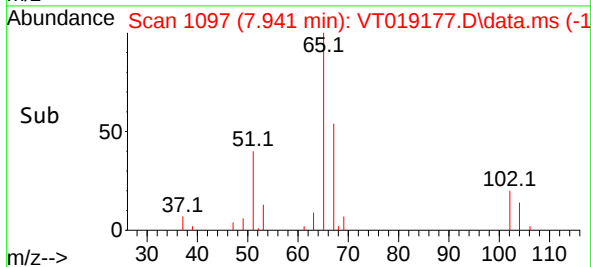
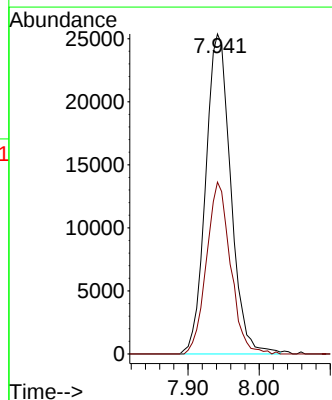
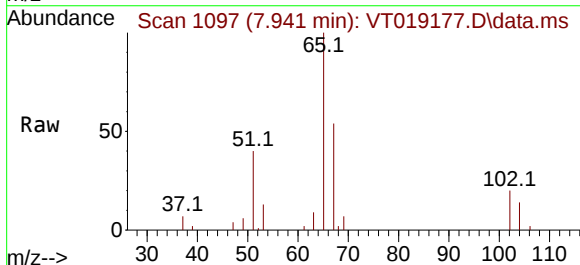
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBL03

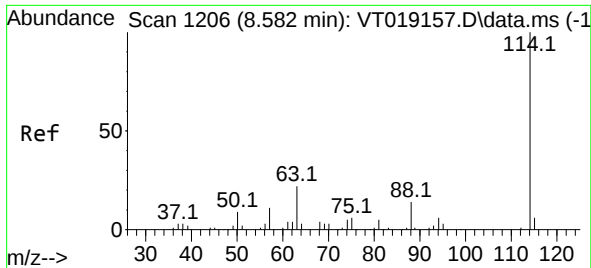
Tgt Ion:128 Resp: 23096
Ion Ratio Lower Upper
128 100
49 206.0 0.0 0.0#
130 125.0 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 30.735 ug/l
RT: 7.941 min Scan# 1097
Delta R.T. -0.030 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

Tgt Ion: 65 Resp: 62191
Ion Ratio Lower Upper
65 100
67 51.4 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.552 min Scan# 1

Delta R.T. -0.024 min

Lab File: VT019177.D

Acq: 24 Oct 2025 11:46

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBL03

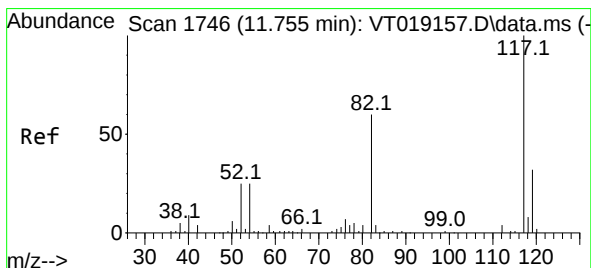
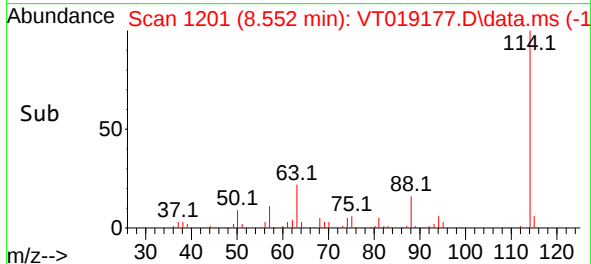
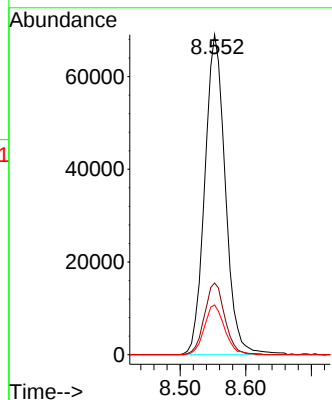
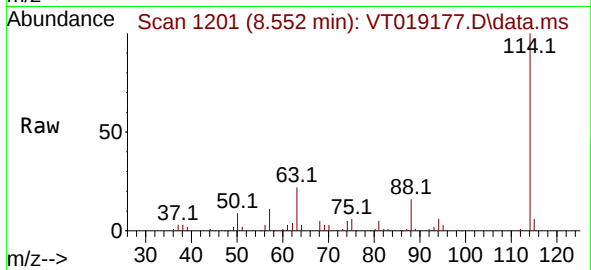
Tgt Ion:114 Resp: 150267

Ion Ratio Lower Upper

114 100

63 22.3 17.4 26.0

88 15.4 13.0 19.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.725 min Scan# 1741

Delta R.T. -0.030 min

Lab File: VT019177.D

Acq: 24 Oct 2025 11:46

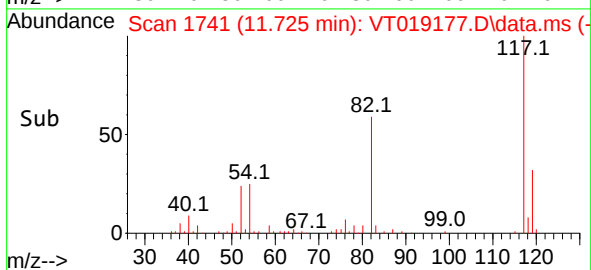
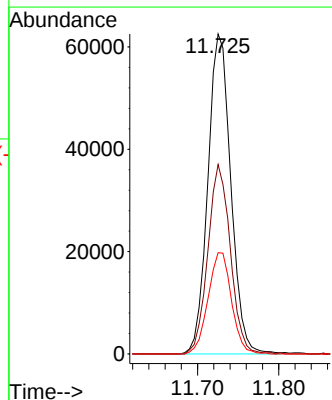
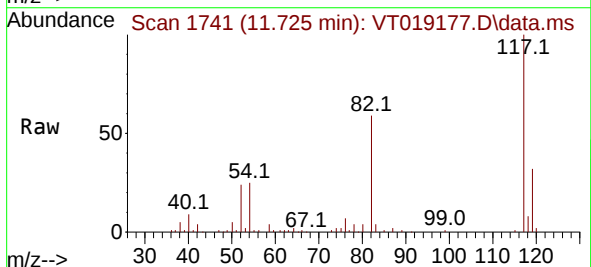
Tgt Ion:117 Resp: 122950

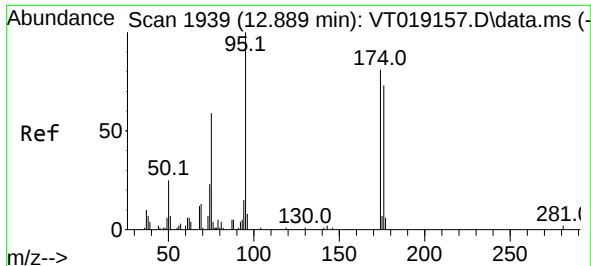
Ion Ratio Lower Upper

117 100

82 57.8 46.0 69.0

119 32.2 25.8 38.8

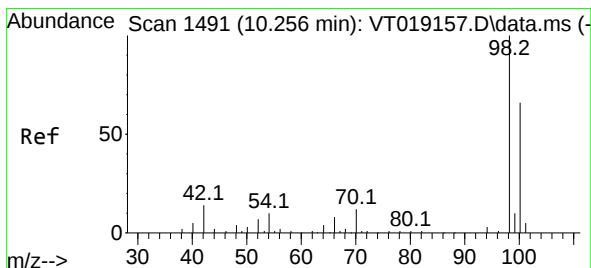
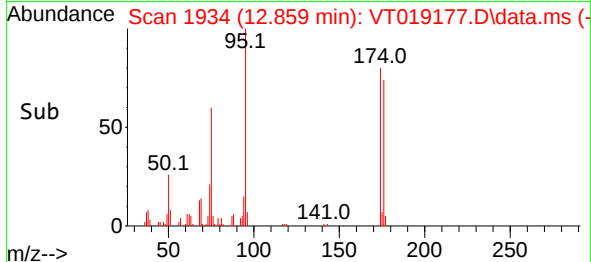
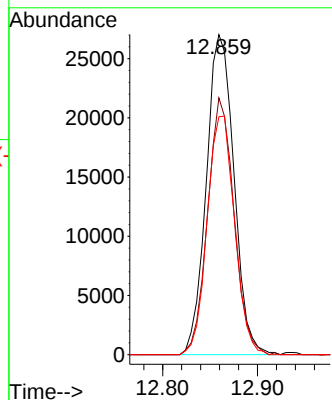
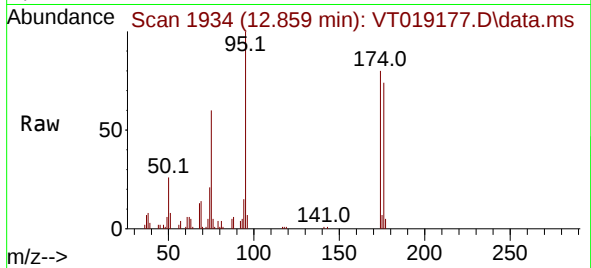




#60
4-Bromofluorobenzene
Concen: 28.355 ug/l
RT: 12.859 min Scan# 1486
Delta R.T. -0.030 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

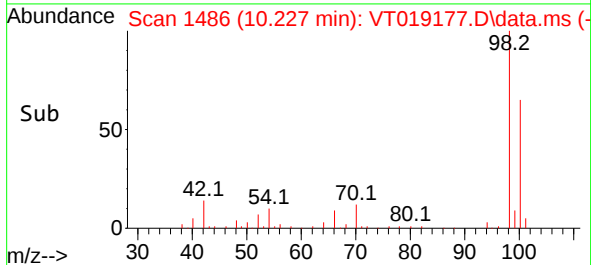
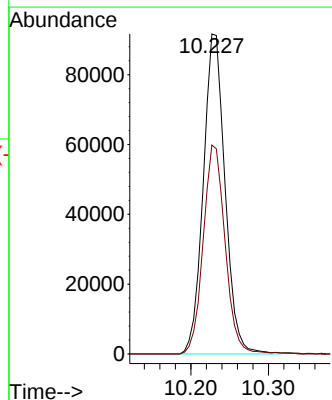
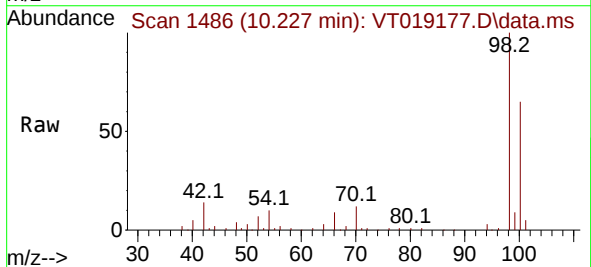
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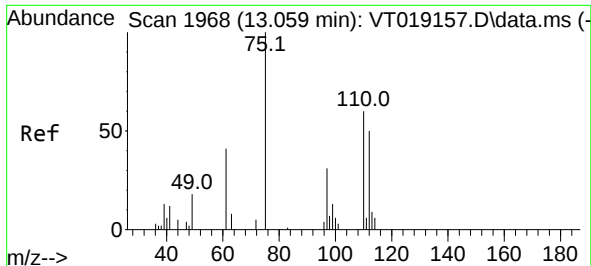
Tgt Ion: 95 Resp: 54792
Ion Ratio Lower Upper
95 100
174 76.3 57.5 86.3
176 73.9 56.4 84.6



#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.227 min Scan# 1486
Delta R.T. -0.029 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

Tgt Ion: 98 Resp: 178715
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

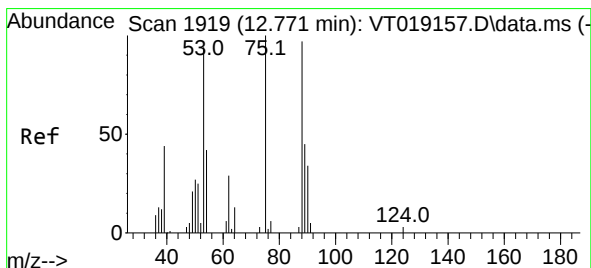
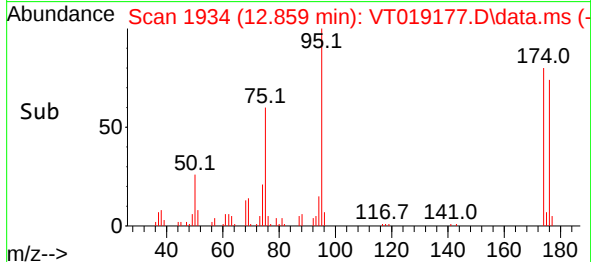
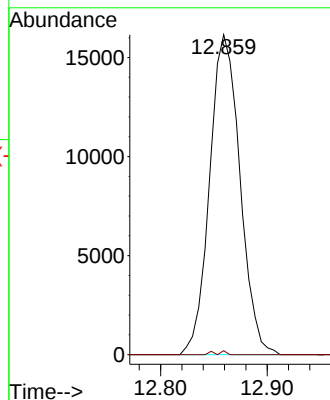
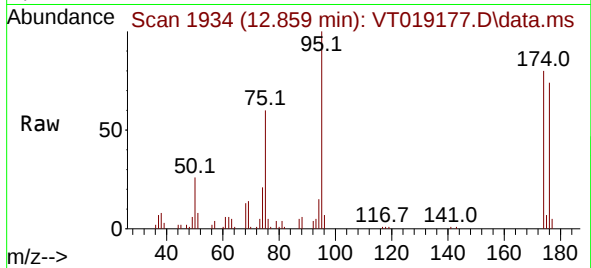




#72
1,2,3-Trichloropropane
Concen: 19.601 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.200 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

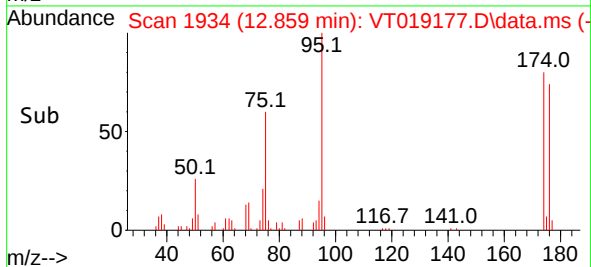
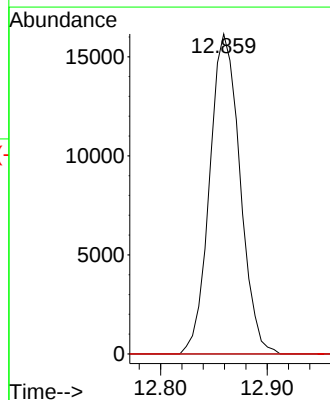
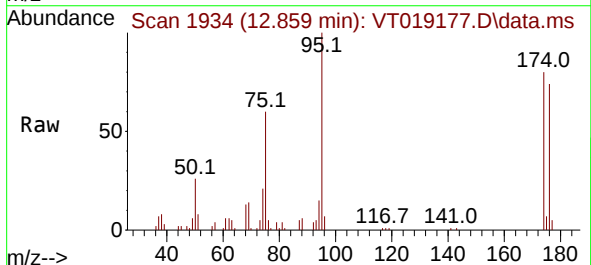
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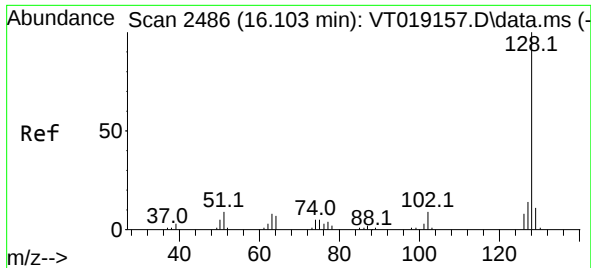
Tgt Ion: 75 Resp: 31978
Ion Ratio Lower Upper
75 100
77 0.2 0.0 74.2



#77
t-1,4-Dichloro-2-butene
Concen: 40.341 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.094 min
Lab File: VT019177.D
Acq: 24 Oct 2025 11:46

Tgt Ion: 75 Resp: 31978
Ion Ratio Lower Upper
75 100
53 0.0 48.4 145.2#
89 0.0 33.8 101.3#





#91

Naphthalene

Concen: 0.235 ug/l

RT: 16.056 min Scan# 24

Delta R.T. -0.041 min

Lab File: VT019177.D

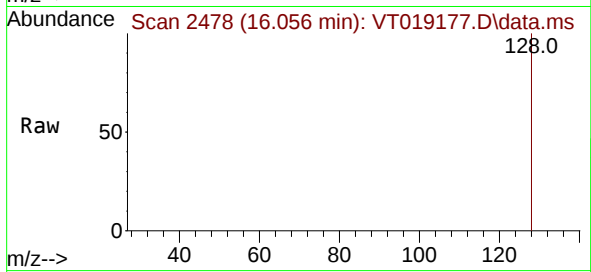
Acq: 24 Oct 2025 11:46

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBL03



Tgt Ion:128 Resp: 1438

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 9.0 13.4#

