

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019200.D
 Acq On : 29 Oct 2025 13:33
 Operator : SY/MD
 Sample : VT1029WBL01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBL01

Quant Time: Oct 30 08:46:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.554	168	155792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.552	114	272779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	213170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.934	152	95814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	113730	45.385	ug/l	0.01
Spiked Amount	50.000		Recovery	=	90.760%	
35) Dibromofluoromethane	7.471	113	77305	44.808	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.620%	
50) Toluene-d8	10.233	98	312153	44.555	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.100%	
62) 4-Bromofluorobenzene	12.859	95	98746	44.833	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.660%	

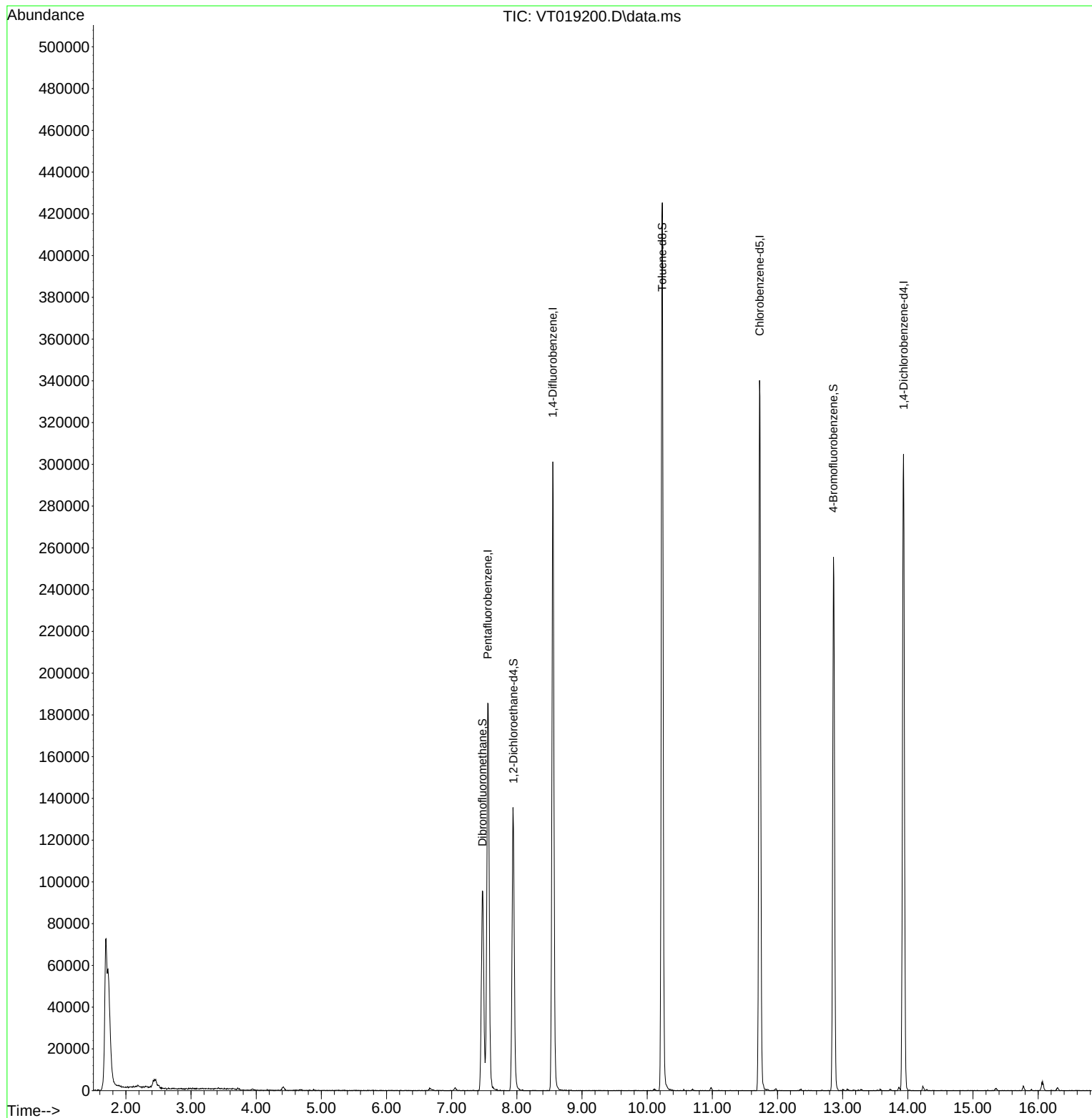
Target Compounds	Qvalue

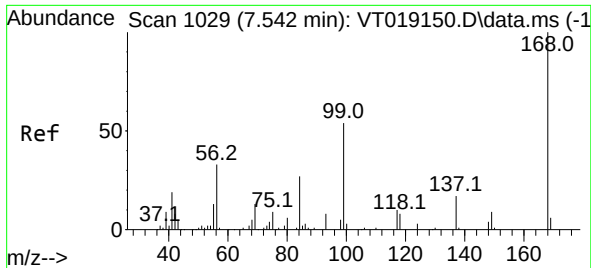
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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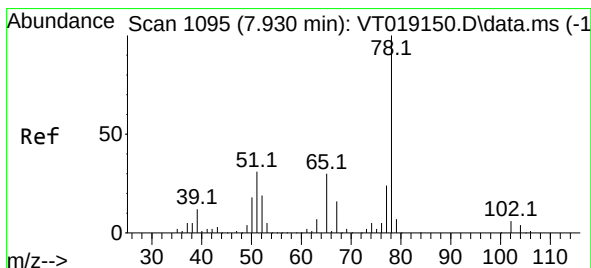
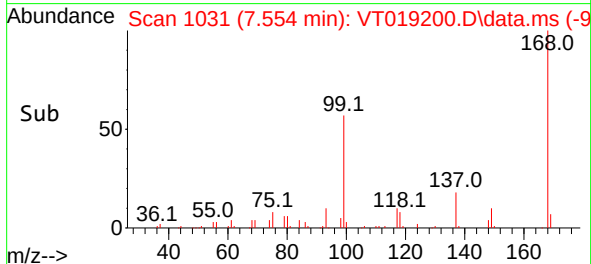
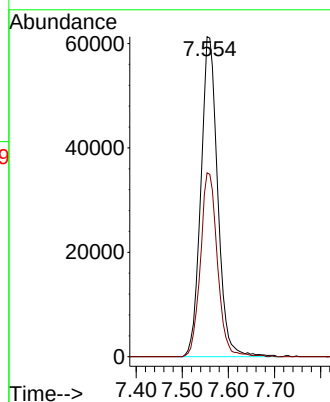
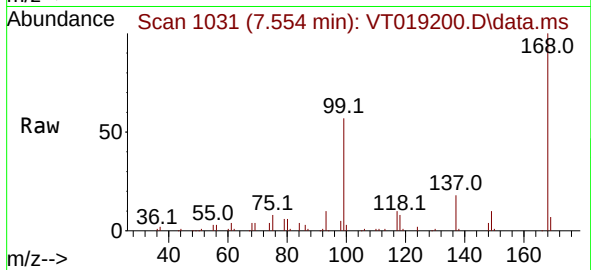




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.554 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VT019200.D
Acq: 29 Oct 2025 13:33

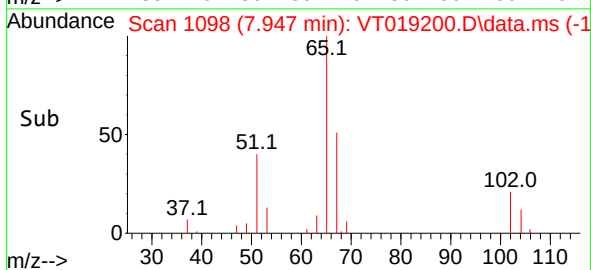
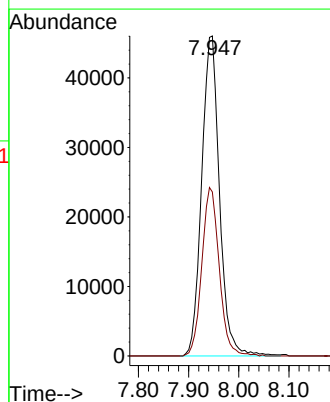
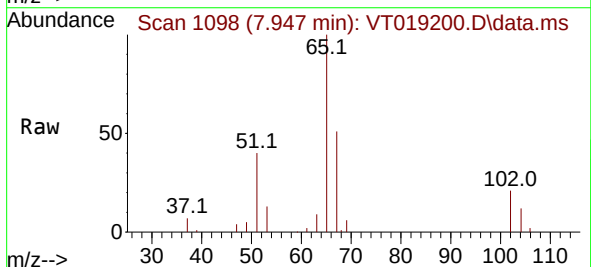
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL01

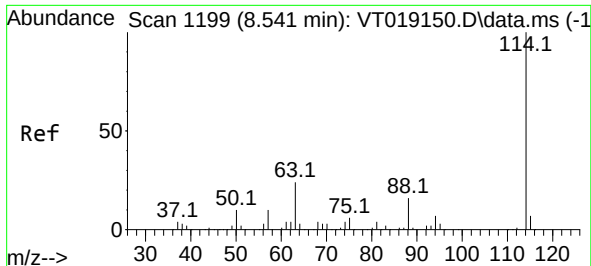
Tgt Ion:168 Resp: 155792
Ion Ratio Lower Upper
168 100
99 57.5 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 45.385 ug/l
RT: 7.947 min Scan# 1098
Delta R.T. 0.012 min
Lab File: VT019200.D
Acq: 29 Oct 2025 13:33

Tgt Ion: 65 Resp: 113730
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.552 min Scan# 11

Delta R.T. 0.005 min

Lab File: VT019200.D

Acq: 29 Oct 2025 13:33

Instrument :

MSVOA_T

ClientSampleId :

VT1029WBL01

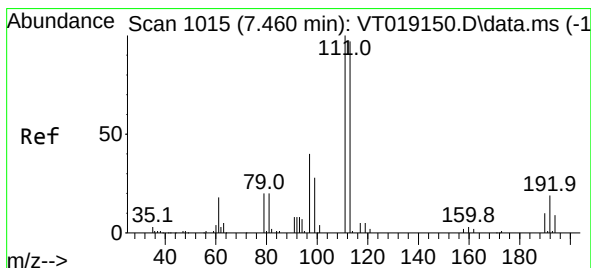
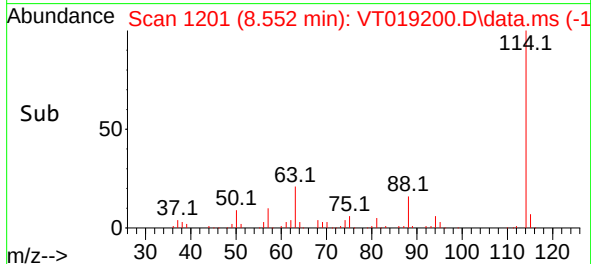
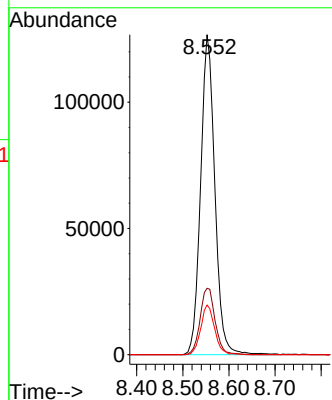
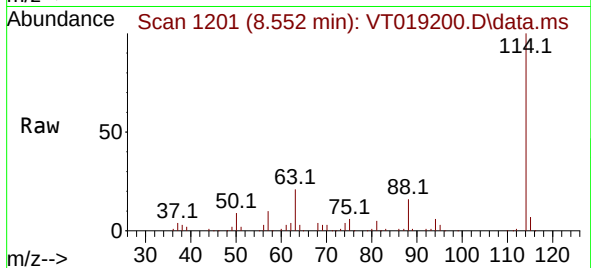
Tgt Ion:114 Resp: 272779

Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.2

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 44.808 ug/l

RT: 7.471 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VT019200.D

Acq: 29 Oct 2025 13:33

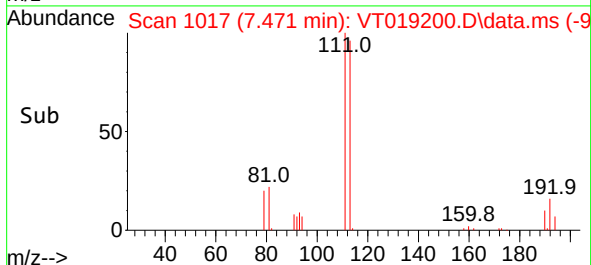
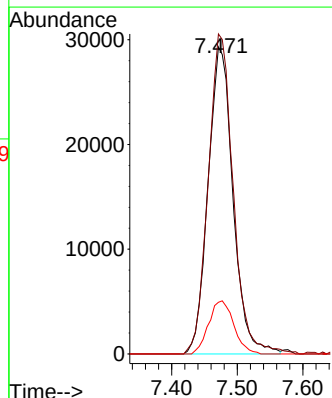
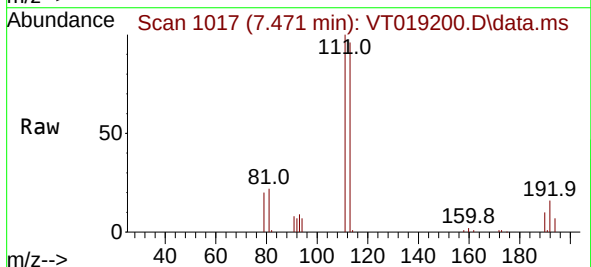
Tgt Ion:113 Resp: 77305

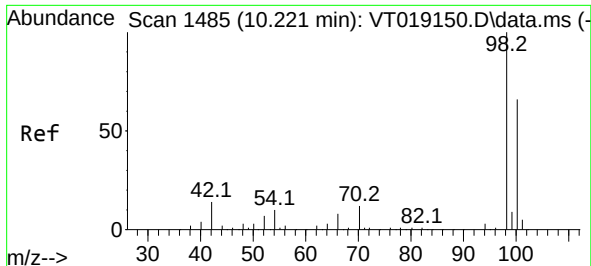
Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

192 17.5 15.3 22.9

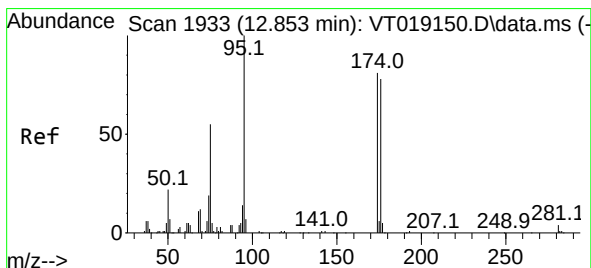
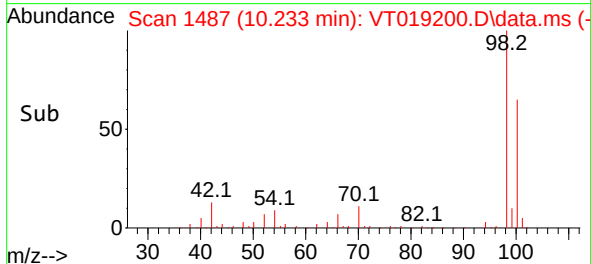
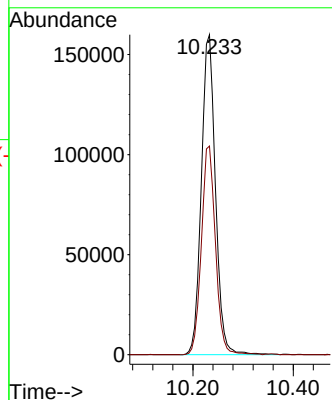
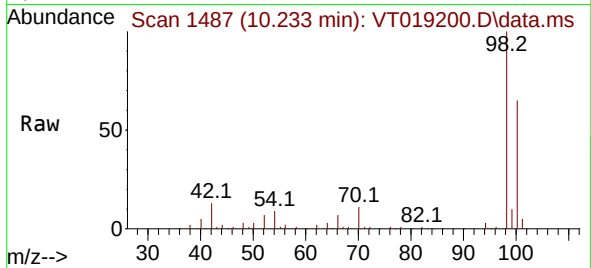




#50
Toluene-d8
Concen: 44.555 ug/l
RT: 10.233 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VT019200.D
Acq: 29 Oct 2025 13:33

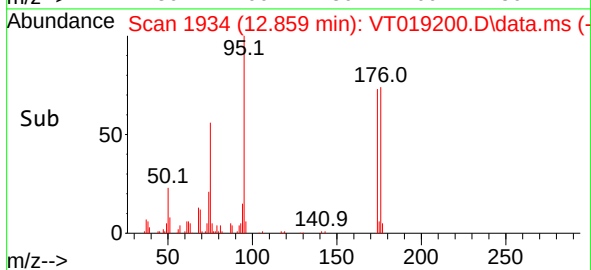
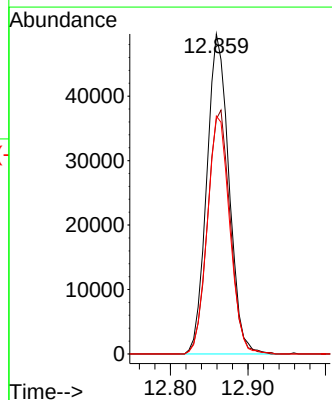
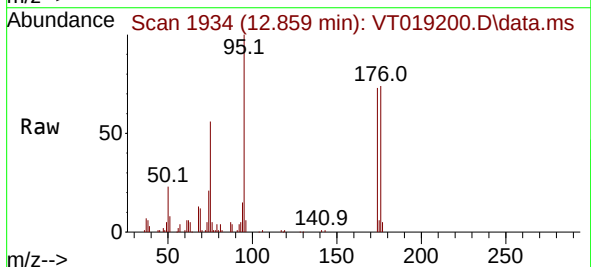
Instrument :
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VT1029WBL01

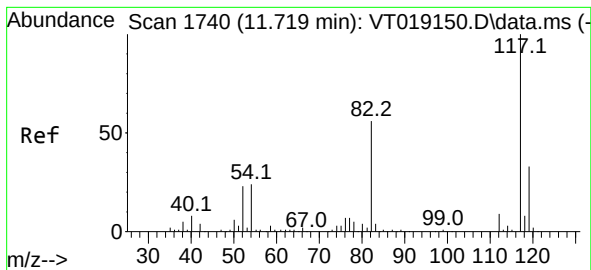
Tgt Ion: 98 Resp: 312153
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 44.833 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VT019200.D
Acq: 29 Oct 2025 13:33

Tgt Ion: 95 Resp: 98746
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.6
176 75.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.725 min Scan# 11

Delta R.T. 0.000 min

Lab File: VT019200.D

Acq: 29 Oct 2025 13:33

Instrument :

MSVOA_T

ClientSampleId :

VT1029WBL01

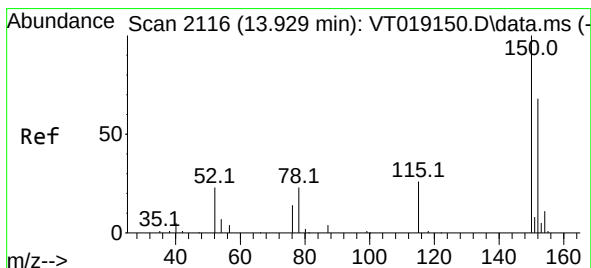
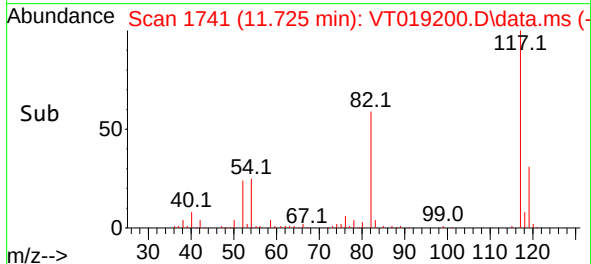
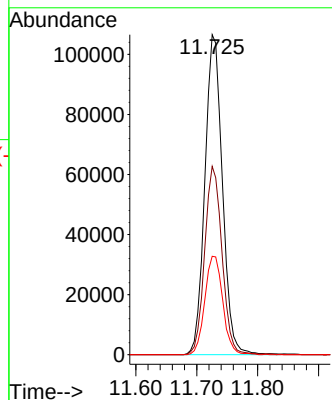
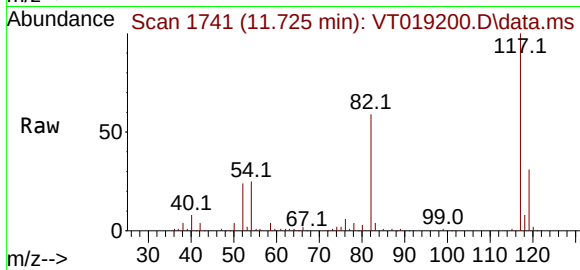
Tgt Ion:117 Resp: 213170

Ion Ratio Lower Upper

117 100

82 58.8 45.1 67.7

119 30.8 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.934 min Scan# 2117

Delta R.T. 0.005 min

Lab File: VT019200.D

Acq: 29 Oct 2025 13:33

Tgt Ion:152 Resp: 95814

Ion Ratio Lower Upper

152 100

115 61.1 29.6 88.9

150 158.5 0.0 342.6

