

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019201.D
 Acq On : 29 Oct 2025 14:04
 Operator : SY/MD
 Sample : VT1029WBL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBL02

Quant Time: Oct 30 08:46:25 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	146531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	249461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	199838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.935	152	92312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.936	65	108097	45.863	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.720%	
35) Dibromofluoromethane	7.471	113	72604	46.017	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.040%	
50) Toluene-d8	10.227	98	291655	45.520	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.040%	
62) 4-Bromofluorobenzene	12.859	95	92684	46.014	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.020%	

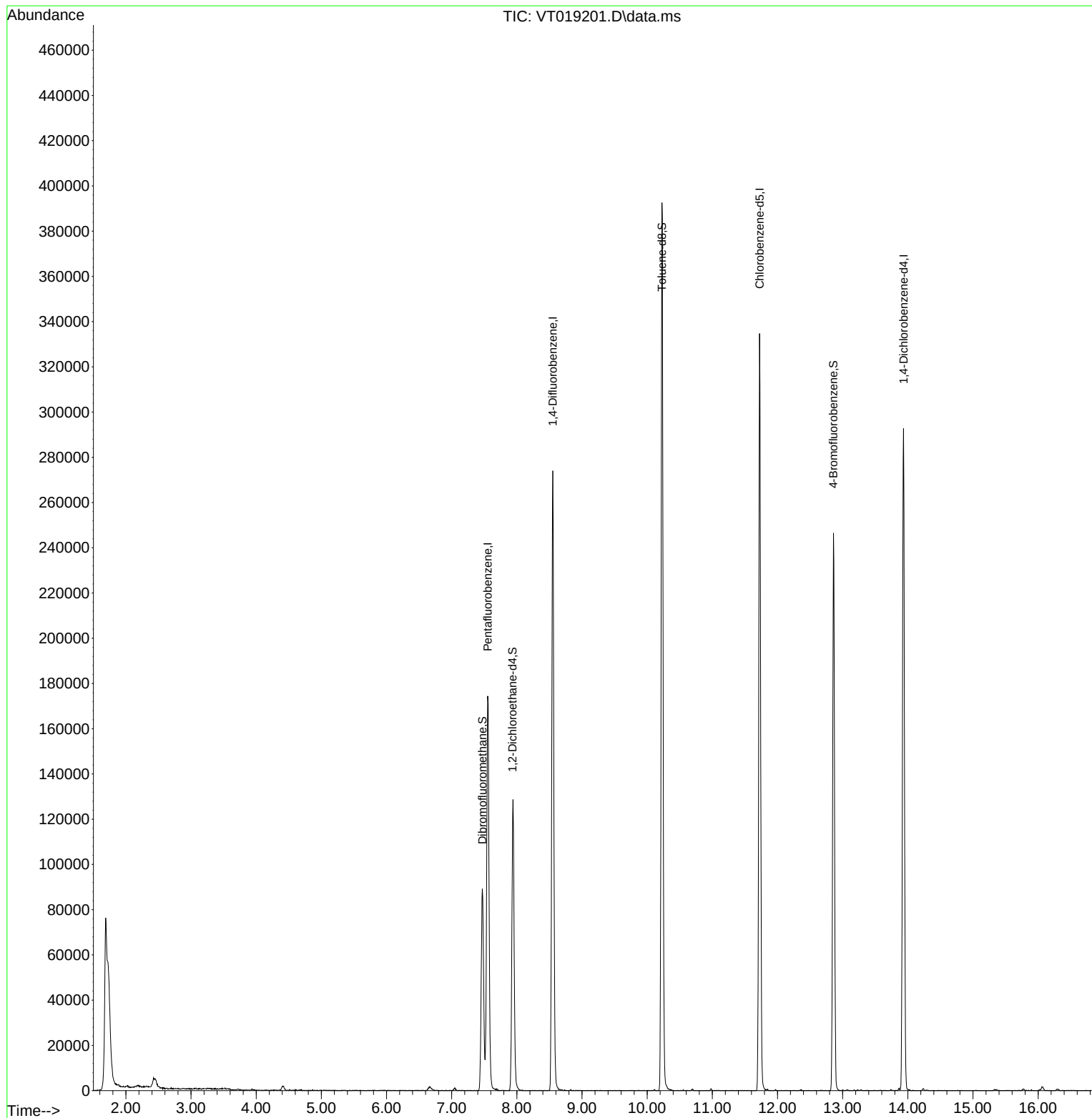
Target Compounds	Qvalue

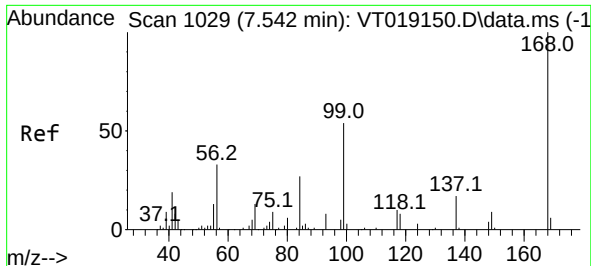
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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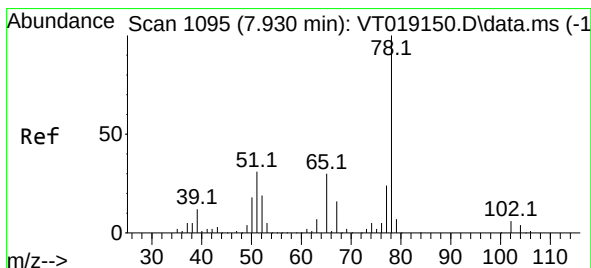
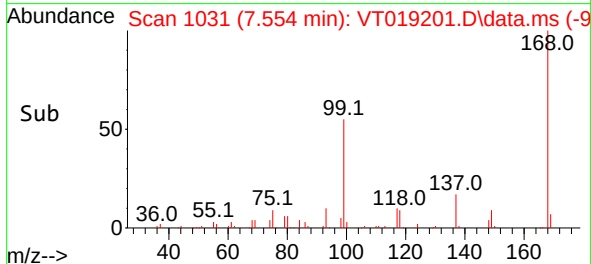
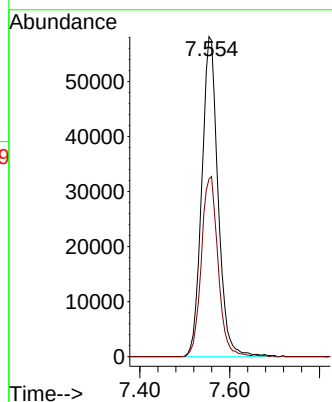
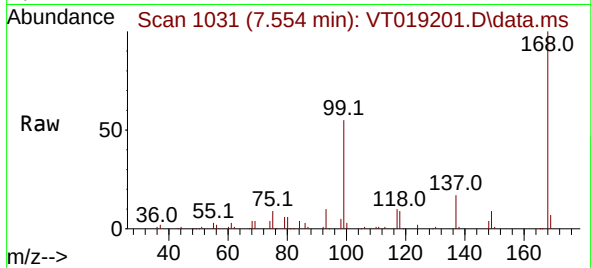




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.554 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

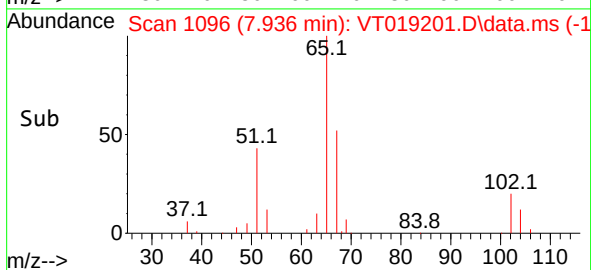
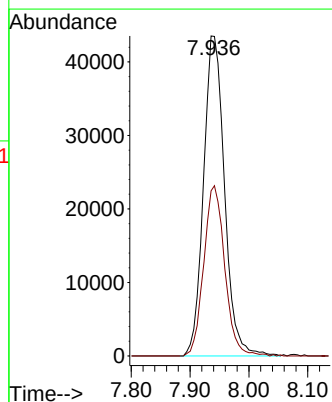
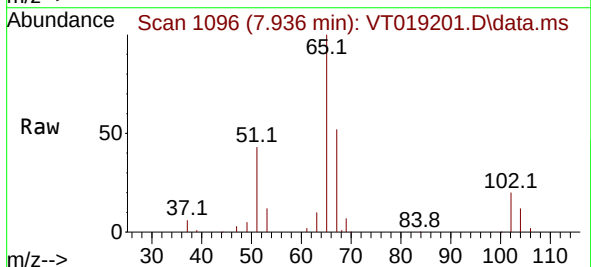
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

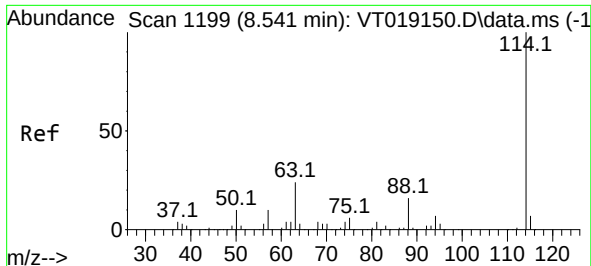
Tgt Ion:168 Resp: 146531
Ion Ratio Lower Upper
168 100
99 55.5 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 45.863 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. 0.001 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 65 Resp: 108097
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.553 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VT019201.D

Acq: 29 Oct 2025 14:04

Instrument :

MSVOA_T

ClientSampleId :

VT1029WBL02

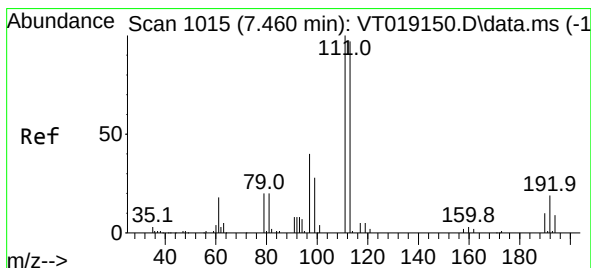
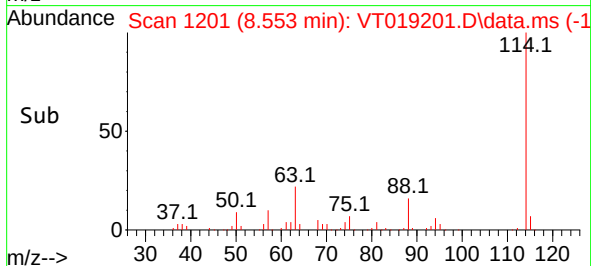
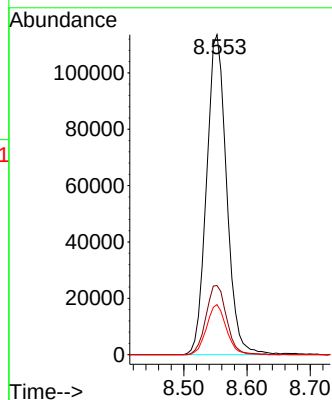
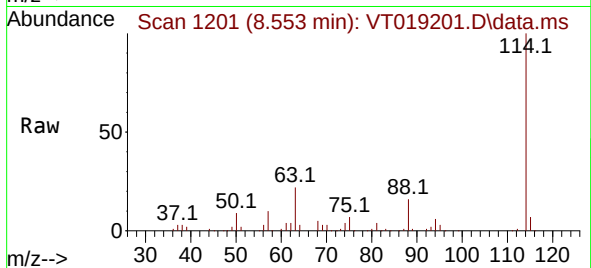
Tgt Ion:114 Resp: 249461

Ion Ratio Lower Upper

114 100

63 21.6 0.0 47.2

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.017 ug/l

RT: 7.471 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VT019201.D

Acq: 29 Oct 2025 14:04

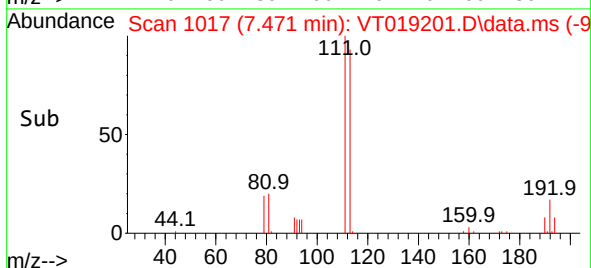
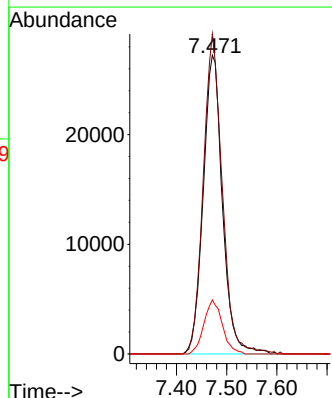
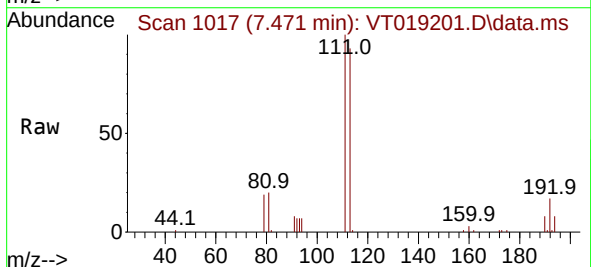
Tgt Ion:113 Resp: 72604

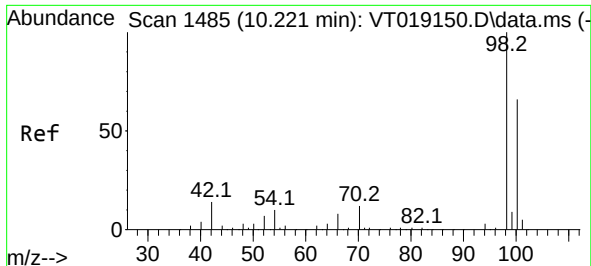
Ion Ratio Lower Upper

113 100

111 105.6 81.6 122.4

192 17.3 15.3 22.9

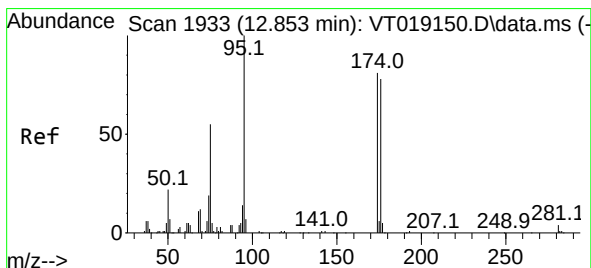
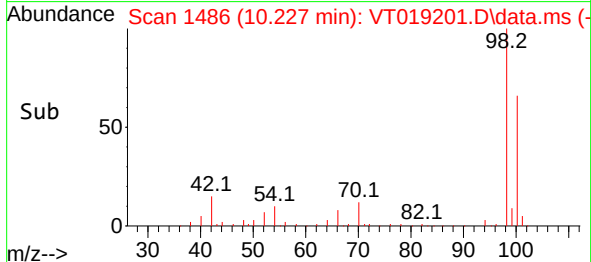
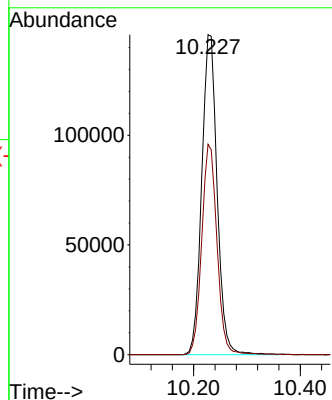
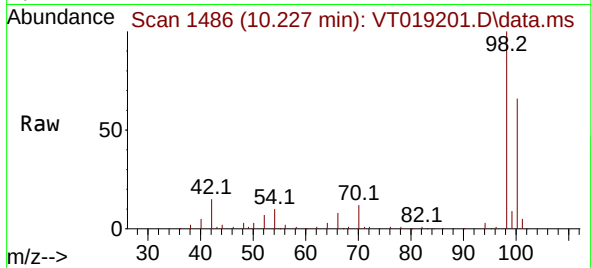




#50
Toluene-d8
Concen: 45.520 ug/l
RT: 10.227 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

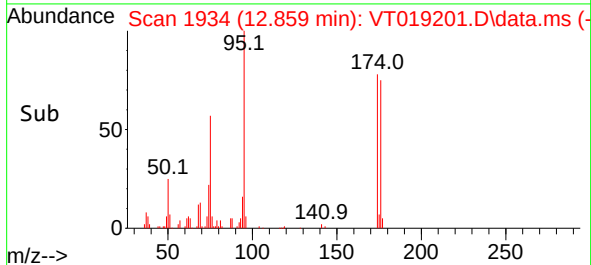
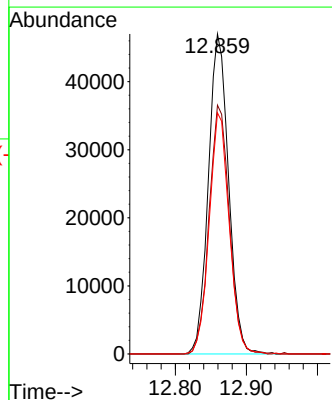
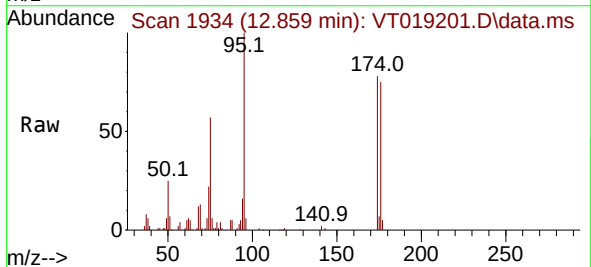
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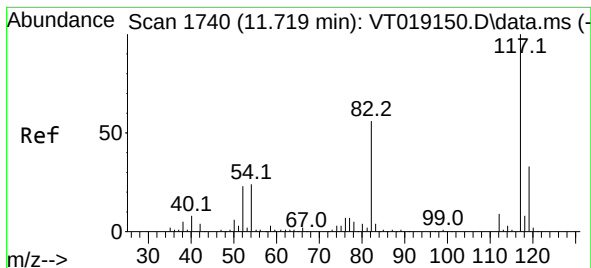
Tgt Ion: 98 Resp: 291655
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 46.014 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 95 Resp: 92684
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 74.6 0.0 156.6

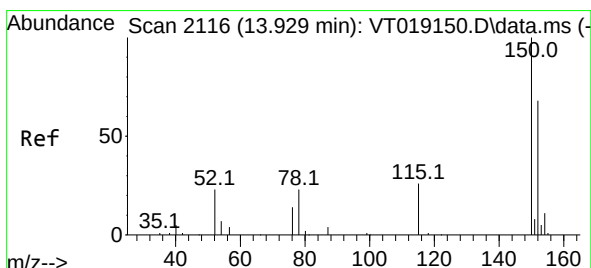
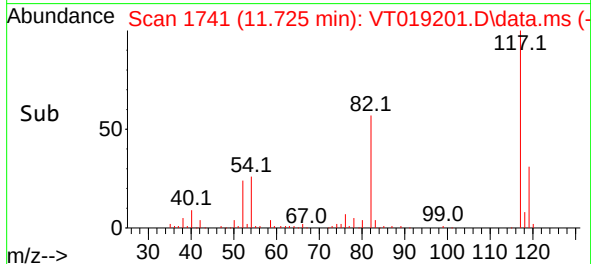
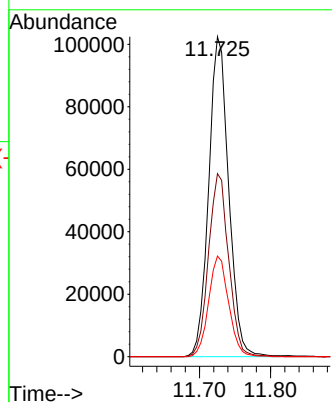
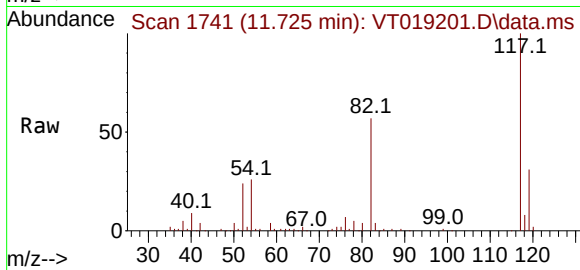




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.725 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

Tgt Ion:117 Resp: 199838
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.935 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion:152 Resp: 92312
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.9
150 160.9 0.0 342.6

