

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086479.D
 Acq On : 05 May 2025 12:13
 Operator : JC\MD
 Sample : VN0505MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBL01

Quant Time: May 06 01:43:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	156968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110140	48.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	8.165	113	83915	60.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.020%
50) Toluene-d8	10.565	98	378837	51.111	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.847	95	131288	48.562	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.120%

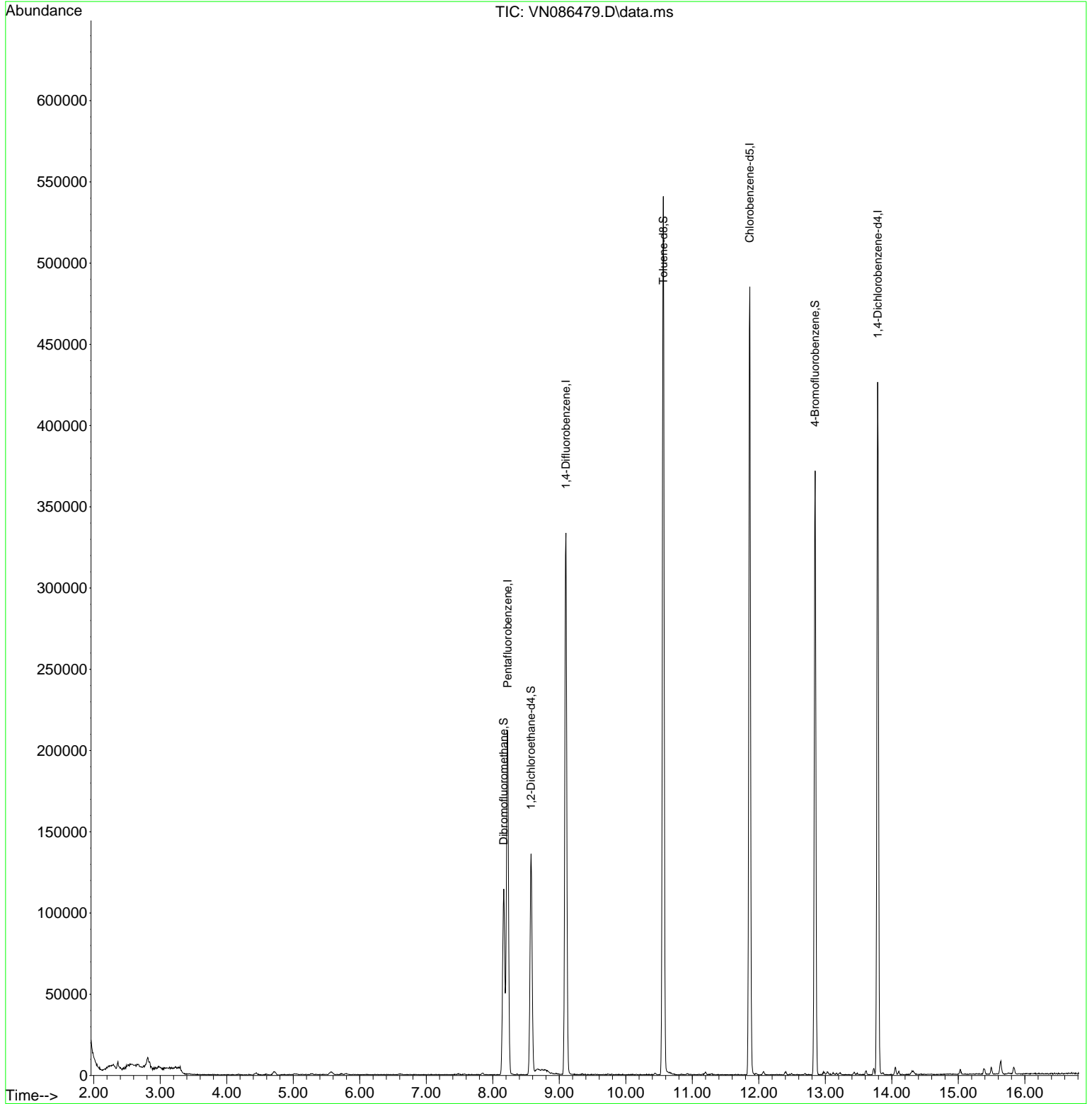
Target Compounds Qvalue

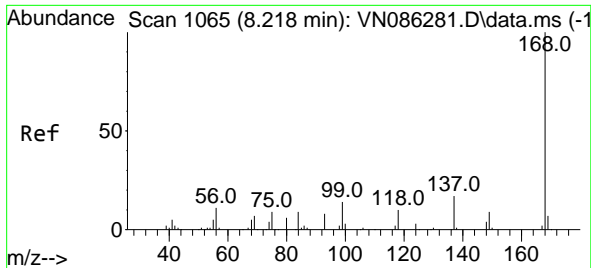
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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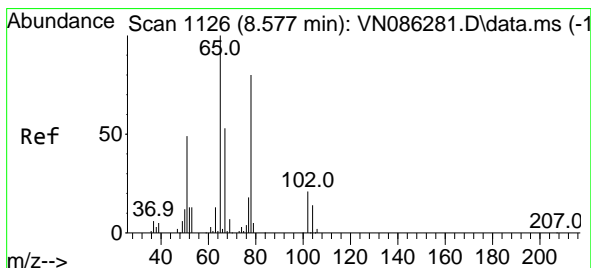
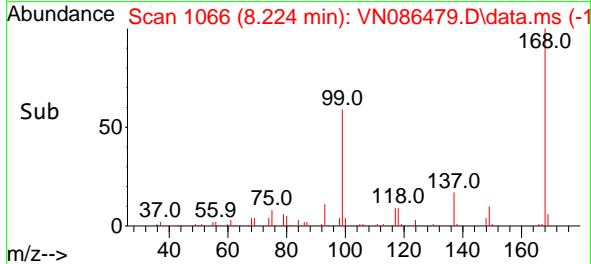
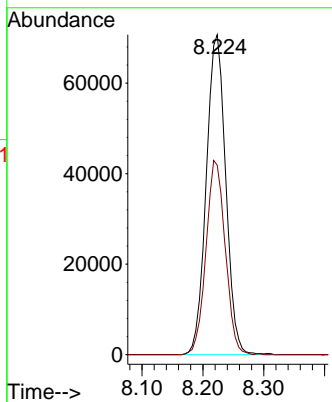
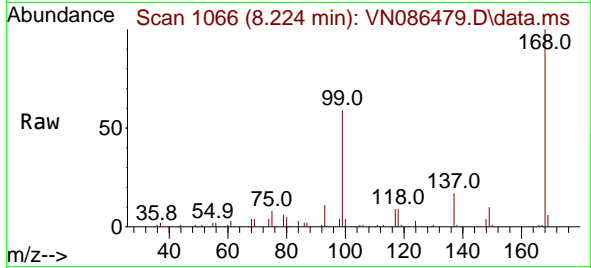




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

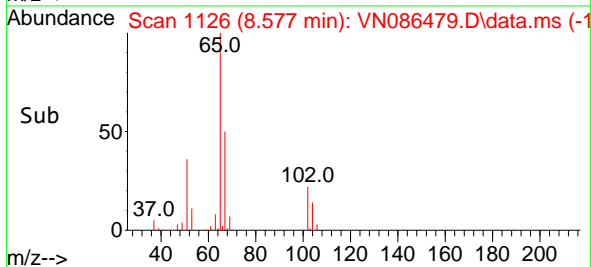
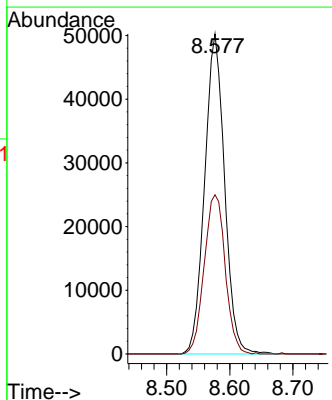
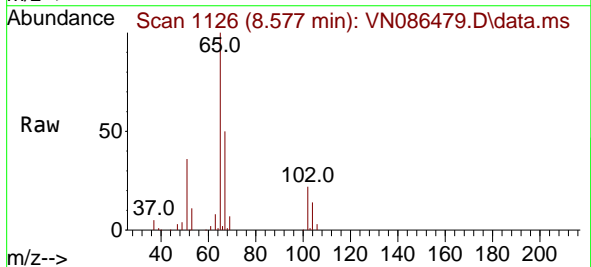
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBL01

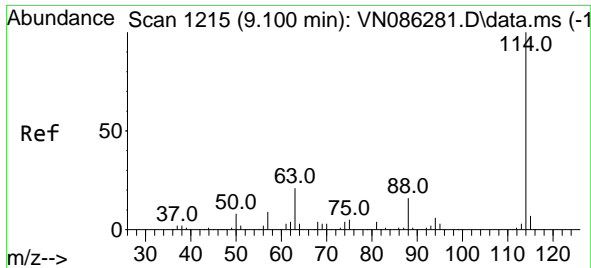
Tgt Ion:168 Resp: 156968
 Ion Ratio Lower Upper
 168 100
 99 59.2 52.5 78.7



#33
 1,2-Dichloroethane-d4
 Concen: 48.388 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

Tgt Ion: 65 Resp: 110140
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0





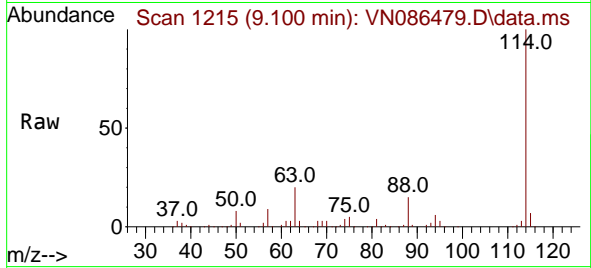
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

Instrument :

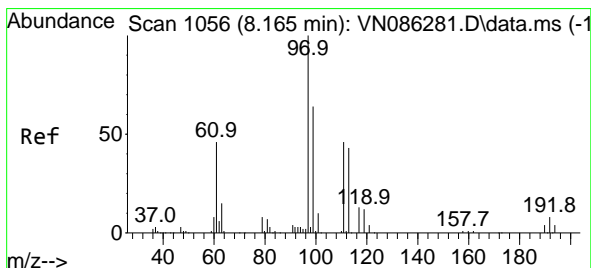
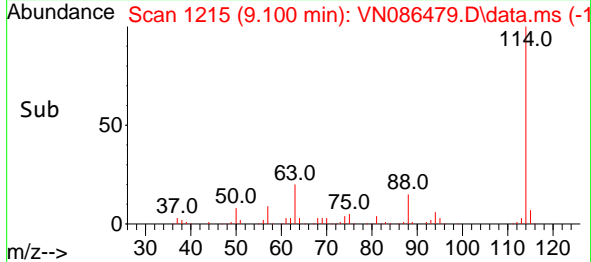
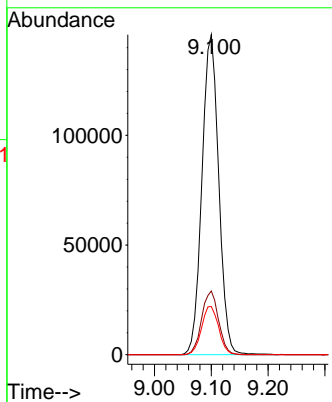
MSVOA_N

ClientSampleId :

VN0505MBL01

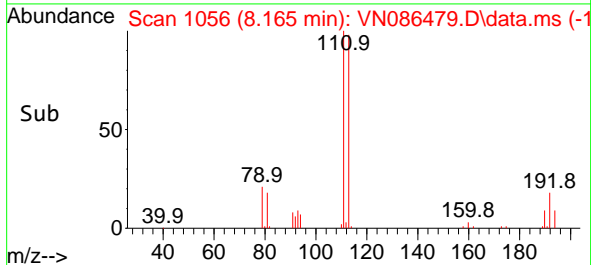
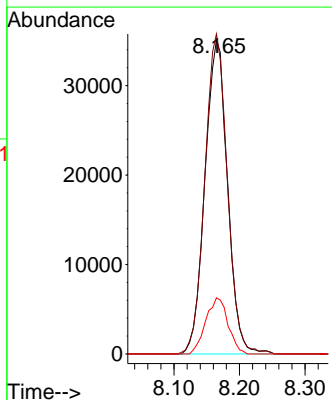
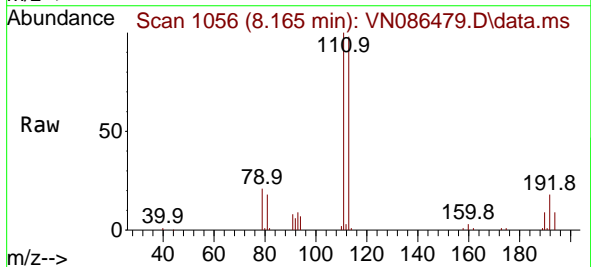


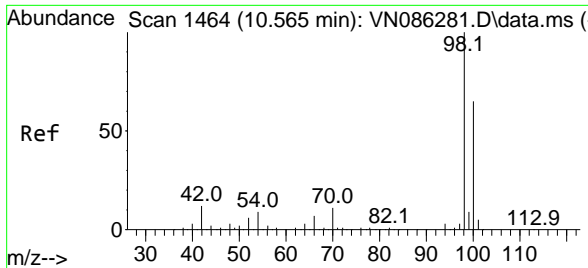
Tgt Ion:114 Resp: 298822
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.1 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 60.507 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

Tgt Ion:113 Resp: 83915
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.4 125.0
 192 17.6 13.7 20.5

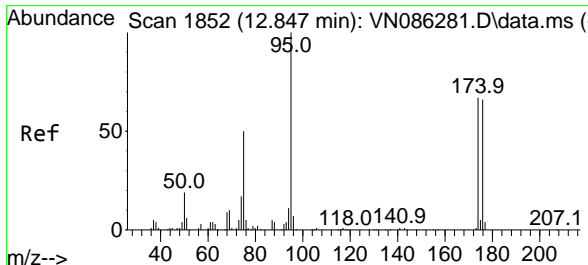
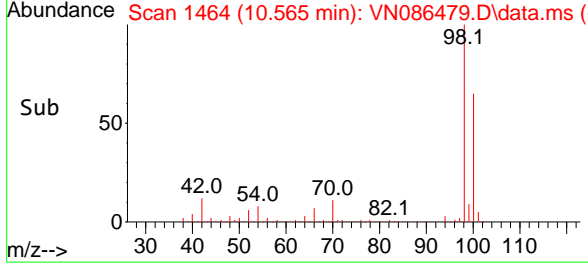
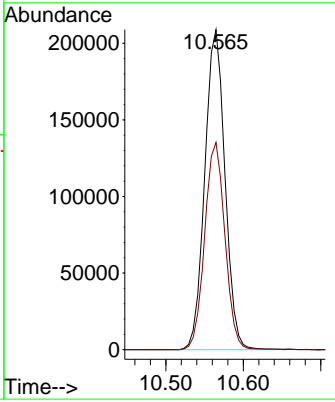
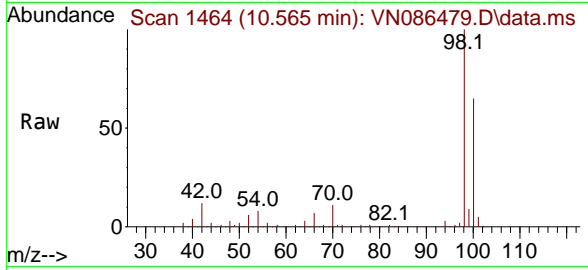




#50
 Toluene-d8
 Concen: 51.111 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

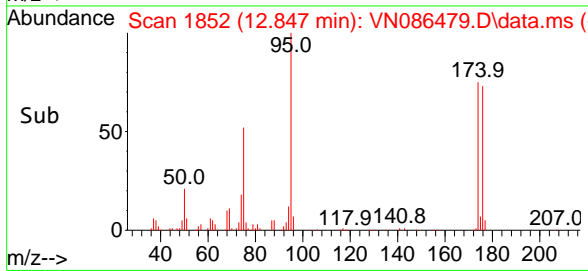
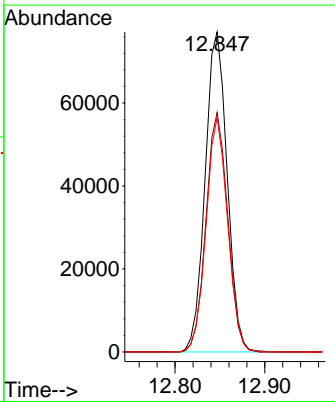
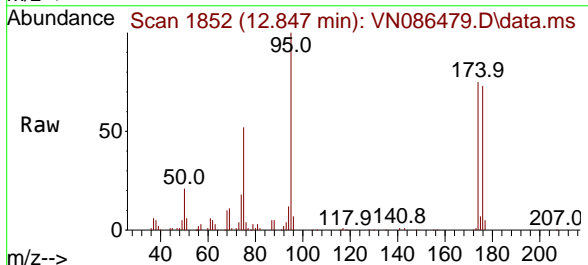
Instrument : MSVOA_N
 ClientSampleId : VN0505MBL01

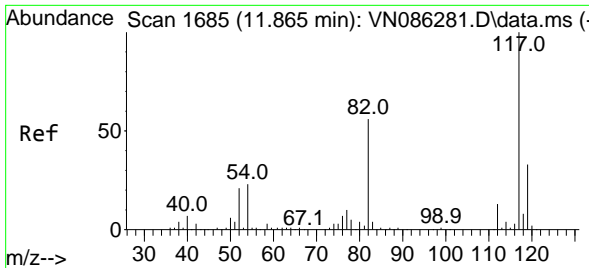
Tgt Ion: 98 Resp: 378837
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.5 78.7



#62
 4-Bromofluorobenzene
 Concen: 48.562 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

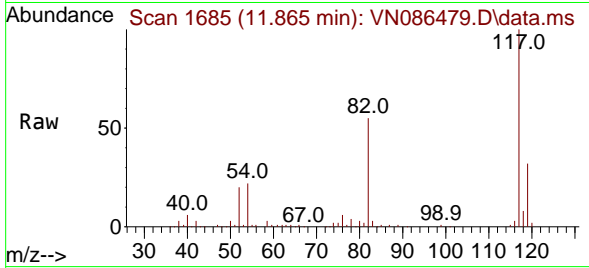
Tgt Ion: 95 Resp: 131288
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 133.4
 176 71.7 0.0 129.2





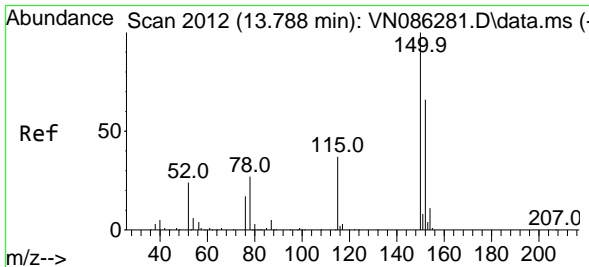
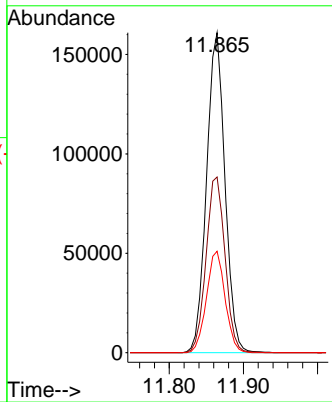
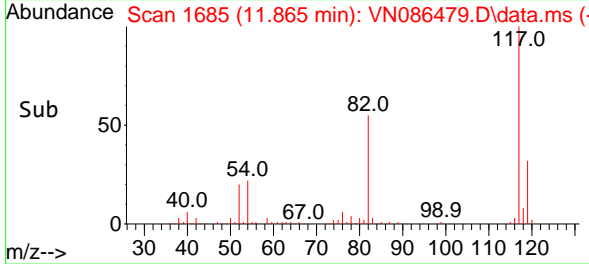
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13

Instrument : MSVOA_N
 ClientSampleId : VN0505MBL01

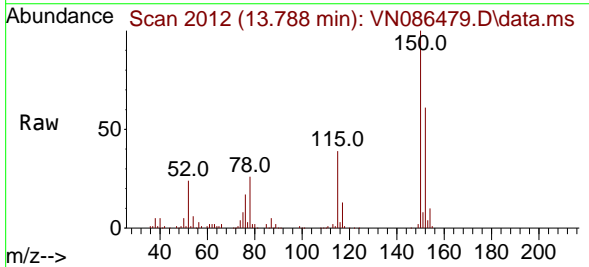


Tgt Ion:117 Resp: 277824

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.7	67.1
119	31.7	26.4	39.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086479.D
 Acq: 05 May 2025 12:13



Tgt Ion:152 Resp: 117072

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.9
150	159.0	0.0	352.0

