

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082931.D
 Acq On : 16 Jul 2024 13:02
 Operator : JC\MD
 Sample : VN0716WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0716WBL01

Quant Time: Jul 17 00:53:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	75723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	144953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	145483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	61448	57.889	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.780%
35) Dibromofluoromethane	8.171	113	49691	53.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.840%
50) Toluene-d8	10.571	98	176587	51.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.853	95	54837	44.437	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.880%

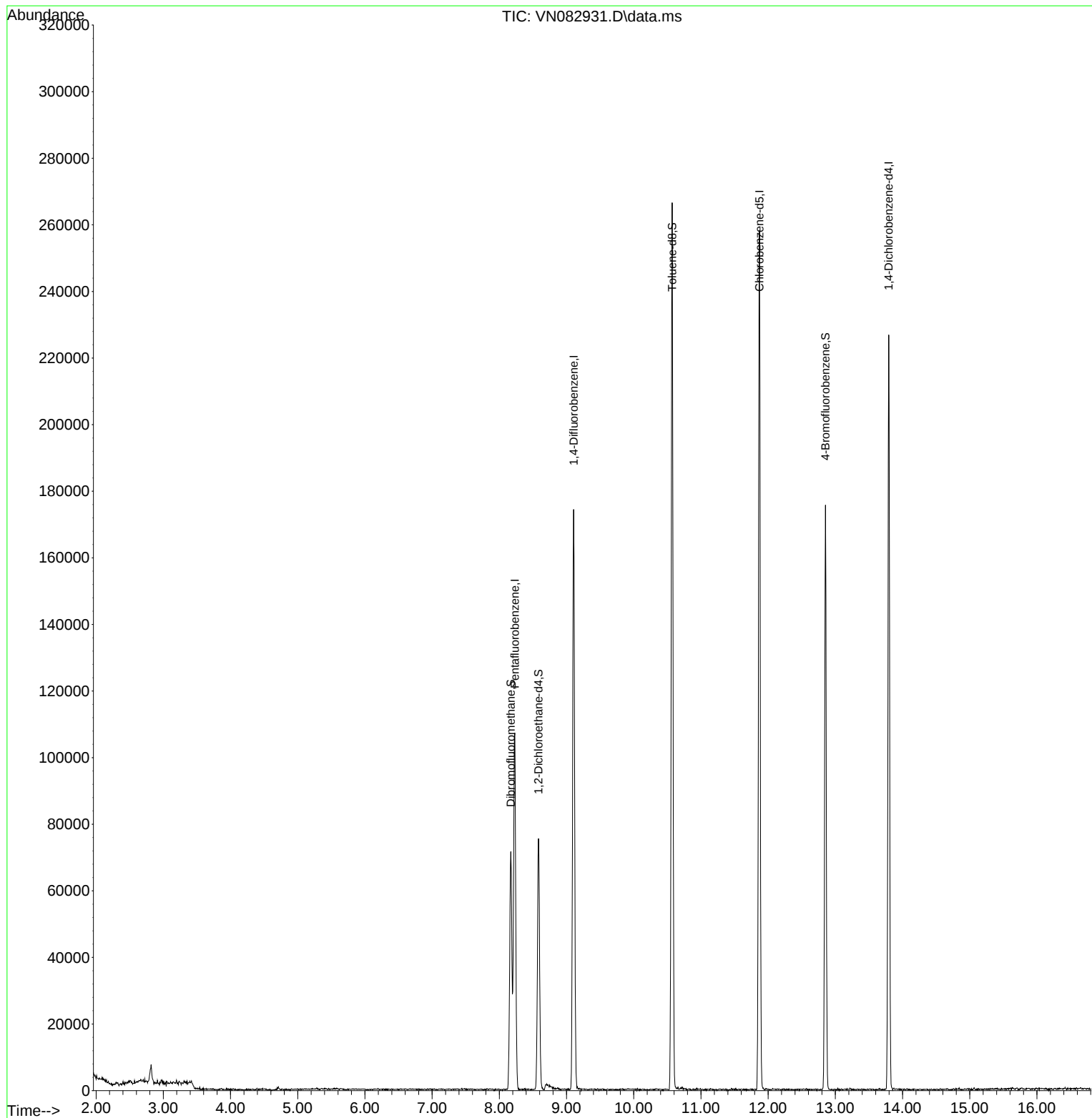
Target Compounds	Qvalue

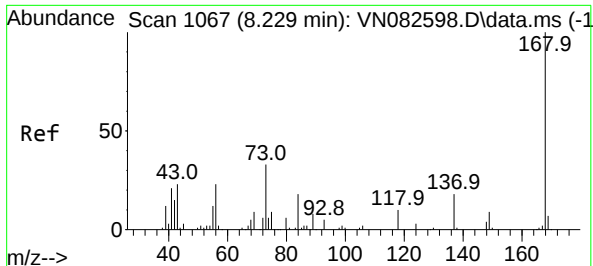
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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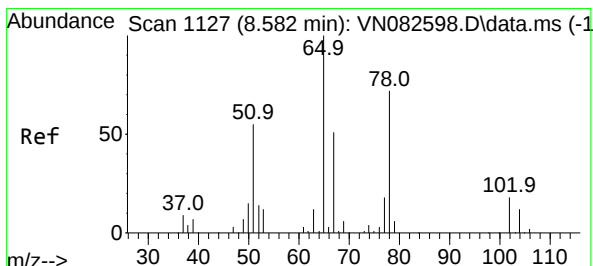
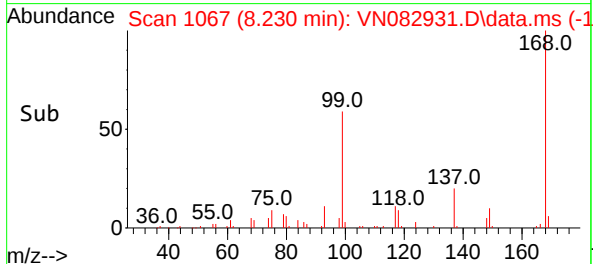
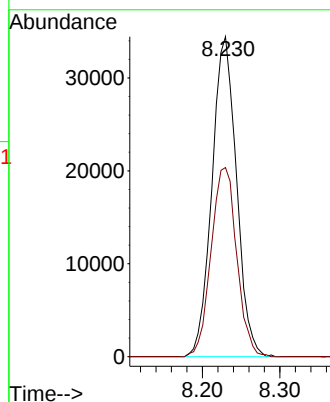
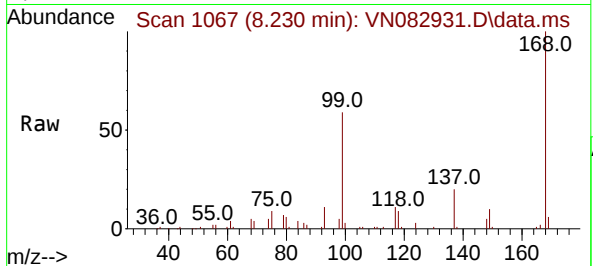




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

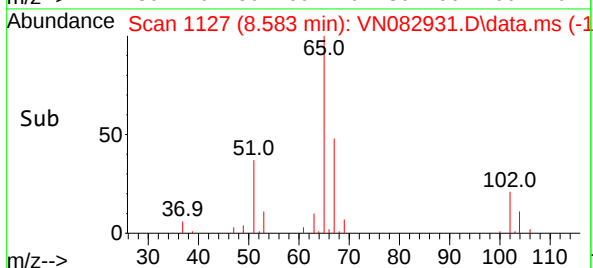
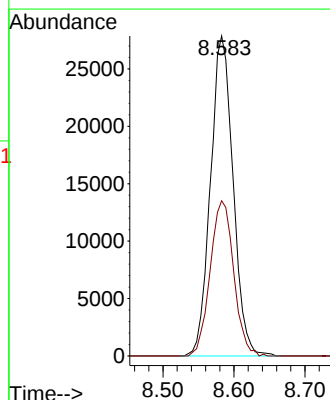
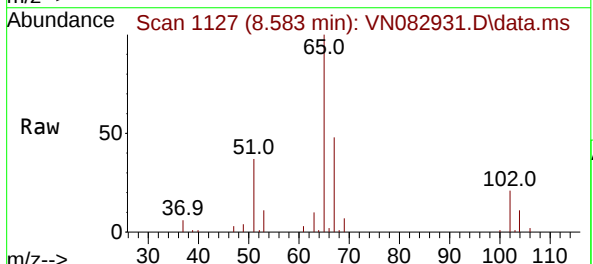
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBL01

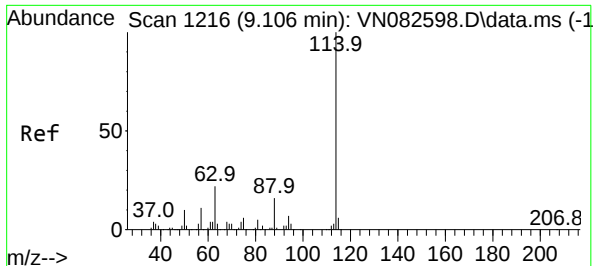
Tgt Ion:168 Resp: 75723
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.889 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

Tgt Ion: 65 Resp: 61448
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

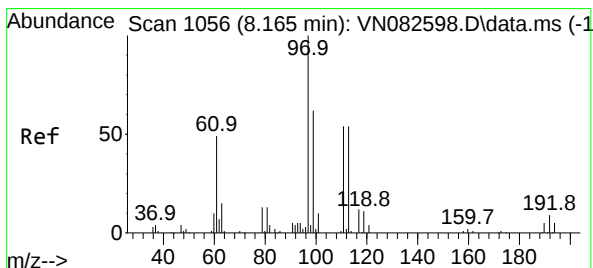
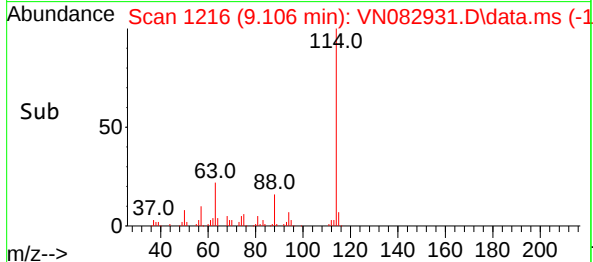
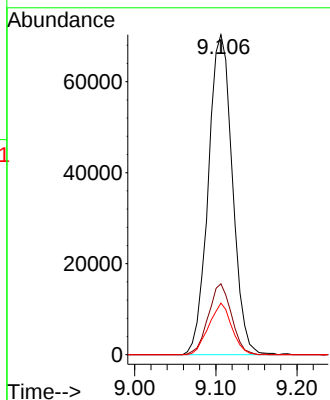
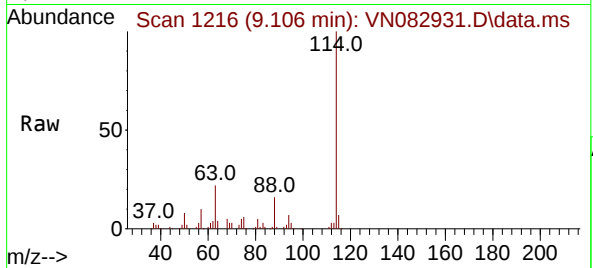




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

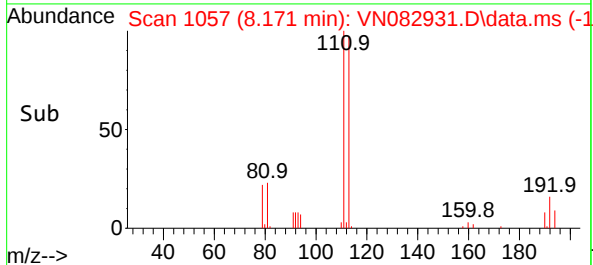
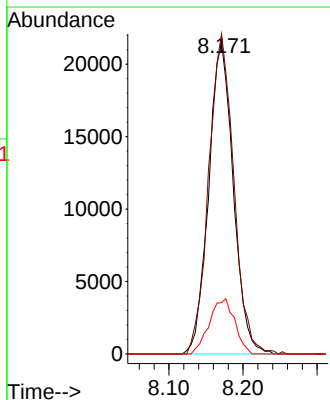
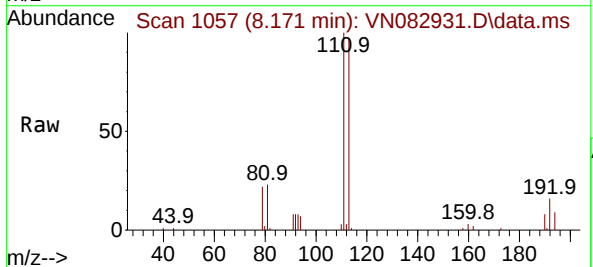
Instrument :
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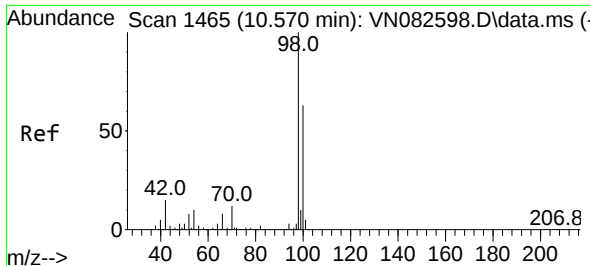
Tgt Ion:	114	Resp:	144953
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.6
88	16.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.424 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

Tgt Ion:	113	Resp:	49691
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	18.2	14.9	22.3

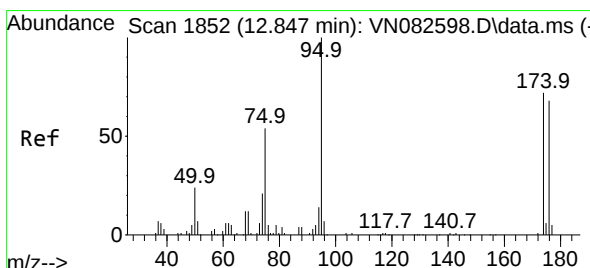
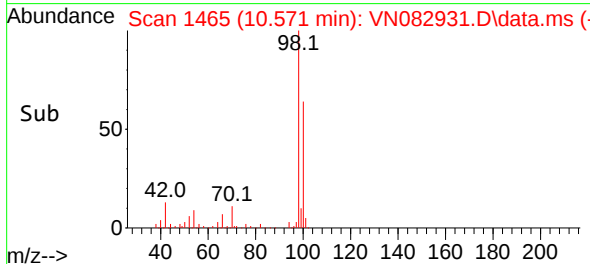
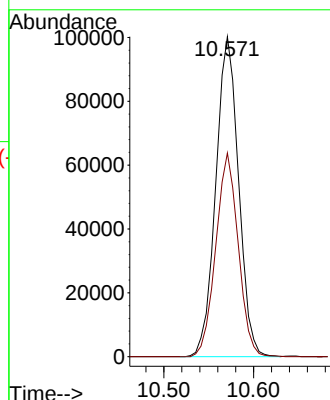
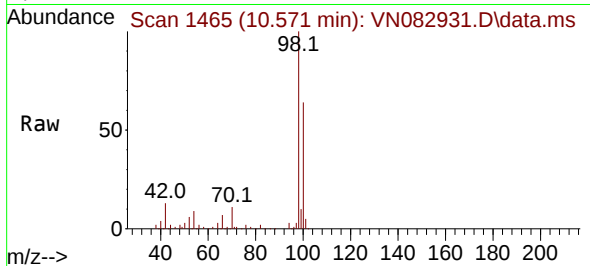




#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

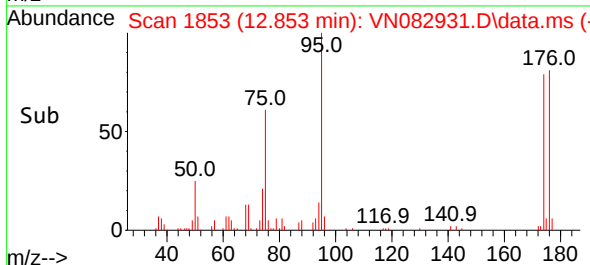
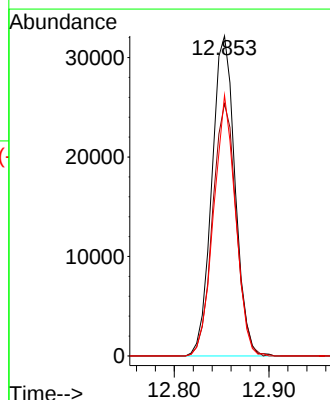
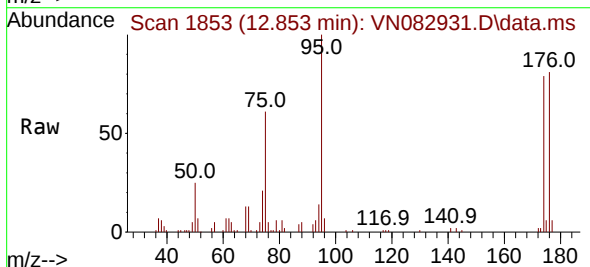
Instrument :
MSVOA_N
ClientSampleId :
VN0716WBL01

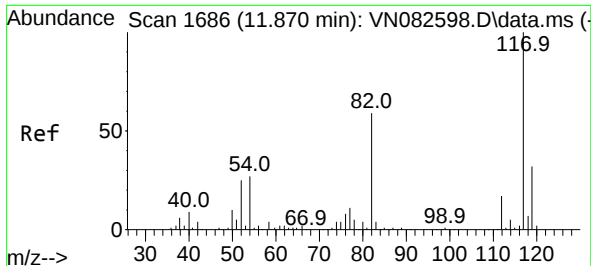
Tgt Ion: 98 Resp: 176587
Ion Ratio Lower Upper
98 100
100 62.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

Tgt Ion: 95 Resp: 54837
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 76.9 0.0 147.6

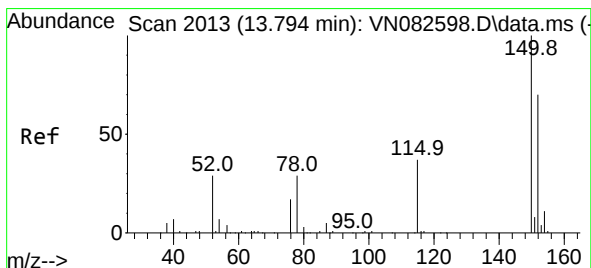
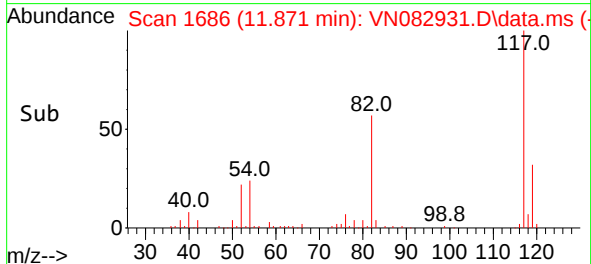
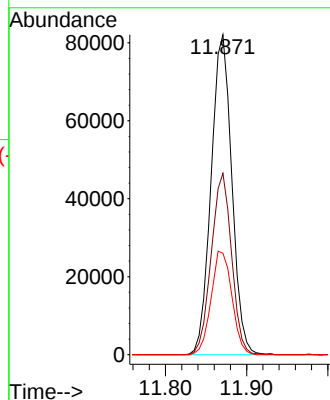
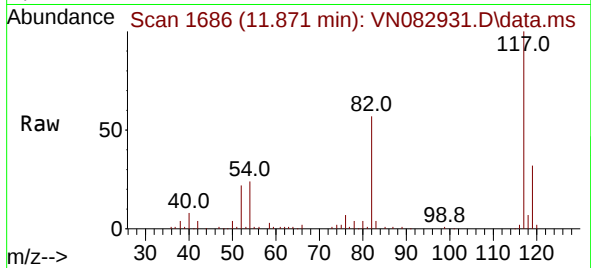




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0716WBL01

Tgt Ion:117 Resp: 145483
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082931.D
Acq: 16 Jul 2024 13:02

Tgt Ion:152 Resp: 59445
Ion Ratio Lower Upper
152 100
115 58.9 30.6 91.6
150 156.3 0.0 348.6

