

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068214.D
 Acq On : 19 Aug 2021 14:10
 Operator : JC/MD
 Sample : M3410-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 19 14:27:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	469886	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	780727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	767333	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	285175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	282397	56.287	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.580%
35) Dibromofluoromethane	8.024	113	246998	50.391	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.780%
50) Toluene-d8	10.443	98	974576	52.181	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.736	95	304841	49.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.060%

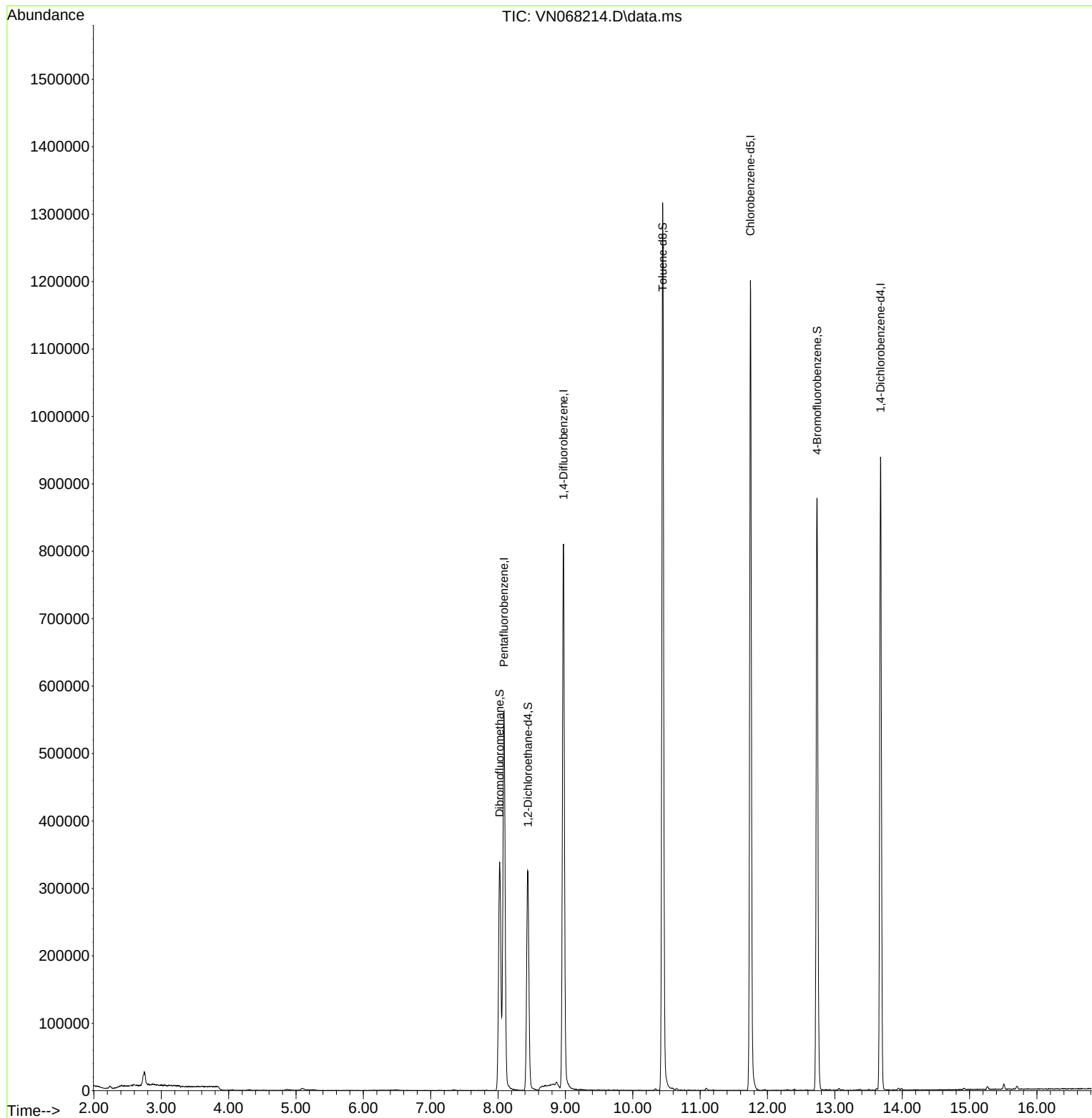
Target Compounds	Qvalue

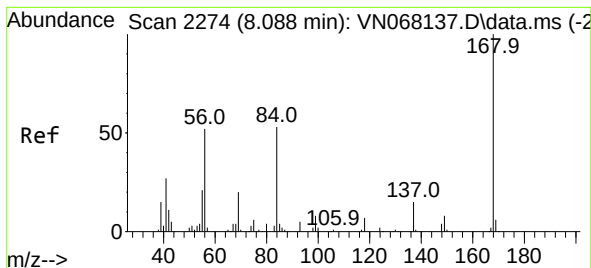
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

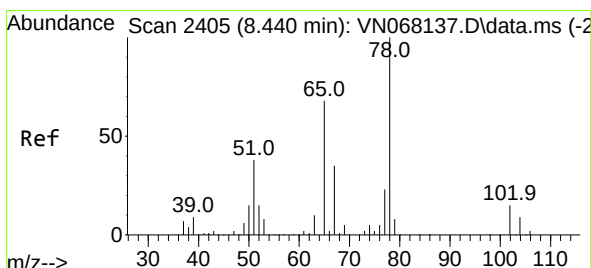
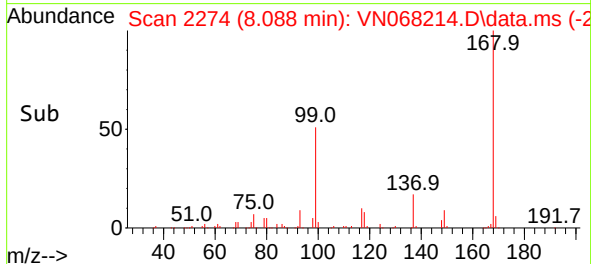
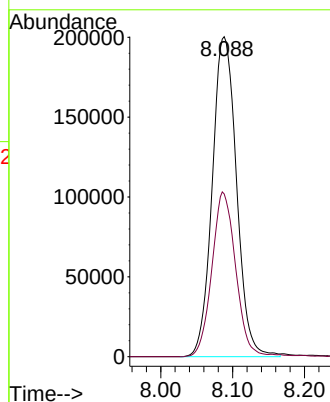
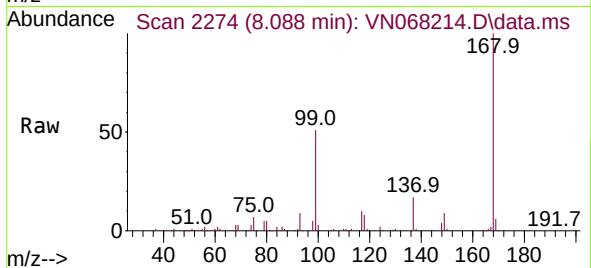
Lab File: VN068214.D

Acq: 19 Aug 2021 14:10

Tgt Ion:168 Resp: 469886

Ion Ratio Lower Upper

168 100
99 50.9 62.9 94.3#



#33

1,2-Dichloroethane-d4

Concen: 56.287 ug/l

RT: 8.442 min Scan# 2406

Delta R.T. 0.002 min

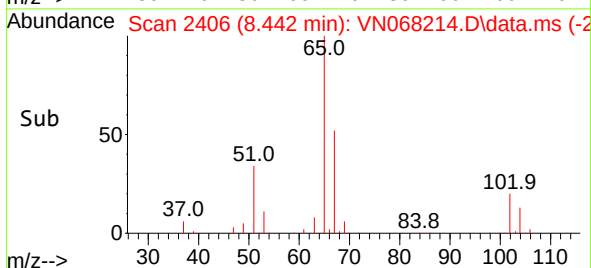
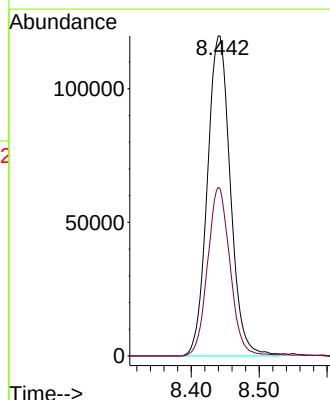
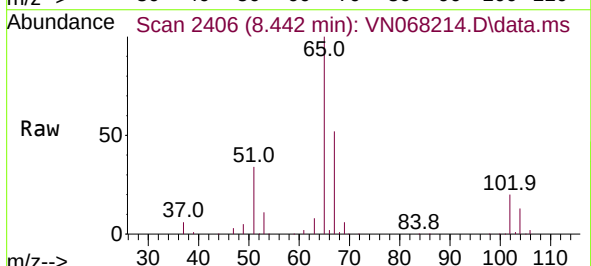
Lab File: VN068214.D

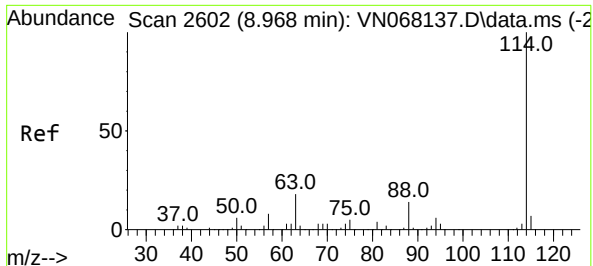
Acq: 19 Aug 2021 14:10

Tgt Ion: 65 Resp: 282397

Ion Ratio Lower Upper

65 100
67 51.3 0.0 98.6

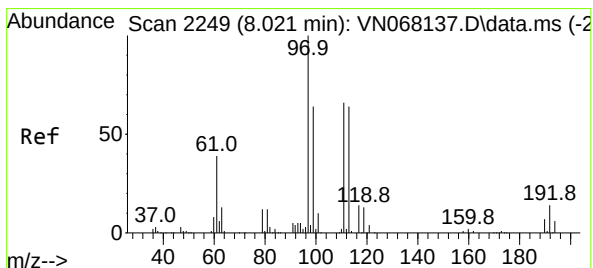
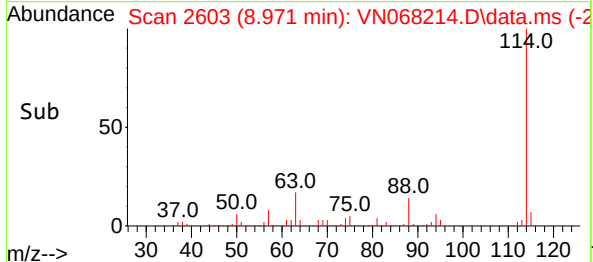
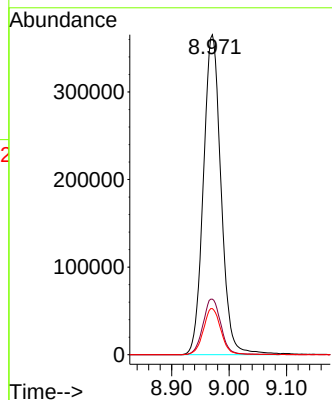
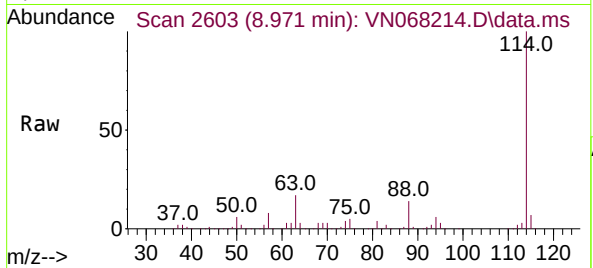




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

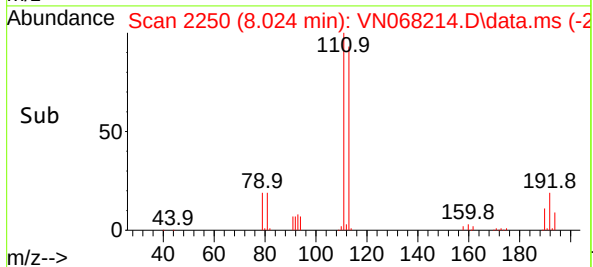
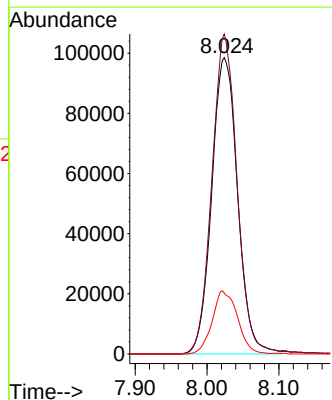
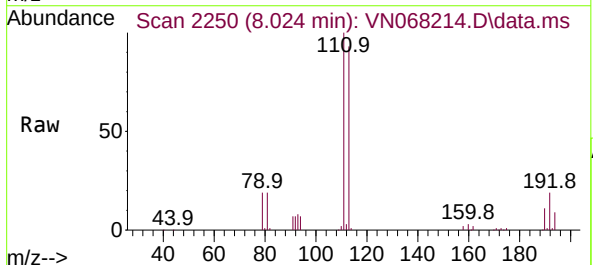
Instrument :
MSVOA_N
ClientSampled :
TB

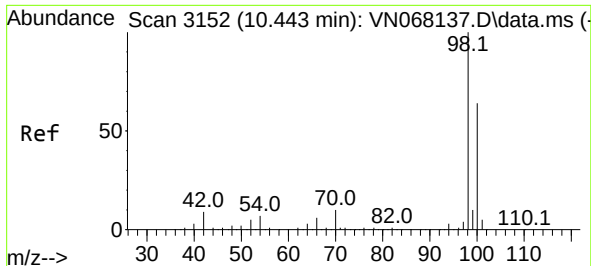
Tgt Ion:114 Resp: 780727
Ion Ratio Lower Upper
114 100
63 17.3 0.0 49.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.391 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

Tgt Ion:113 Resp: 246998
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 20.8 13.4 20.0#

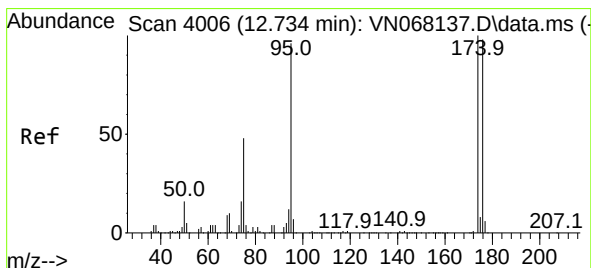
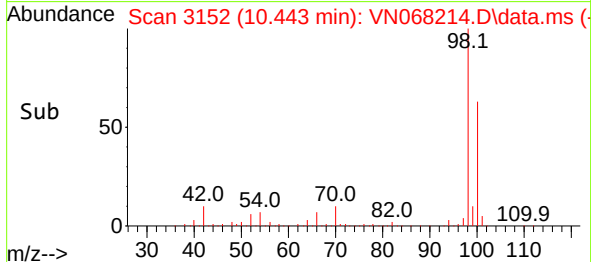
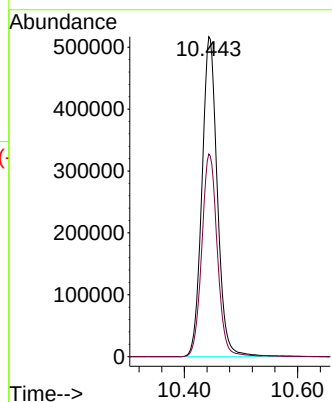
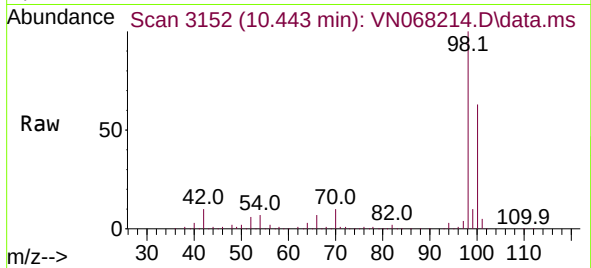




#50
Toluene-d8
Concen: 52.181 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

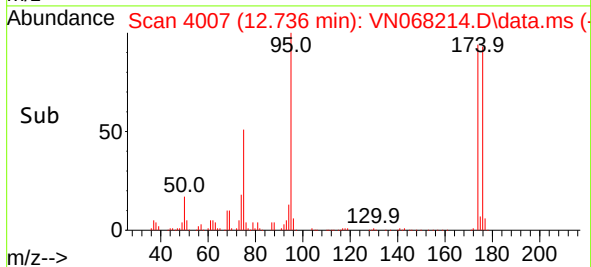
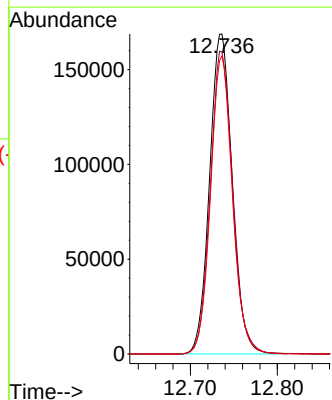
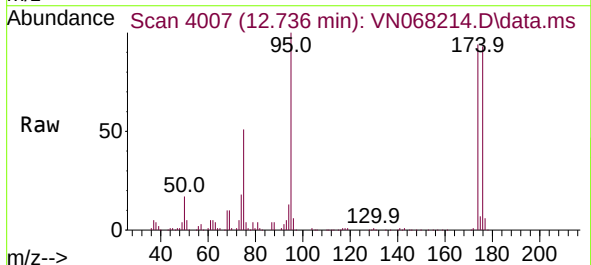
Instrument :
MSVOA_N
ClientSampled :
TB

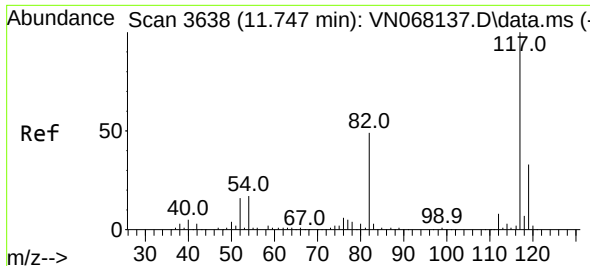
Tgt Ion: 98 Resp: 974576
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.030 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

Tgt Ion: 95 Resp: 304841
Ion Ratio Lower Upper
95 100
174 94.5 0.0 122.0
176 90.2 0.0 117.6

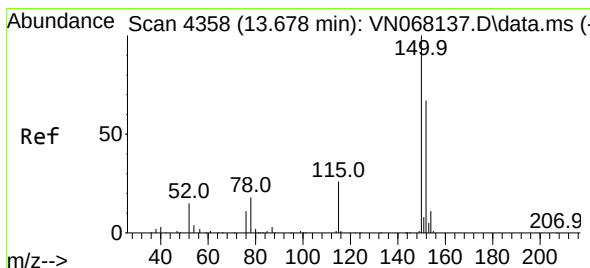
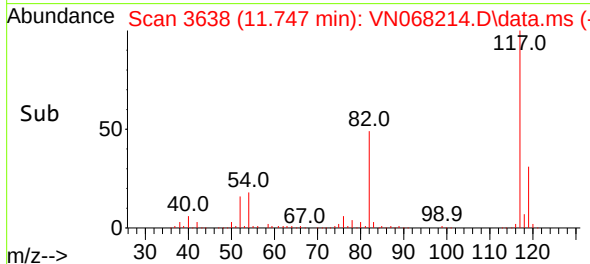
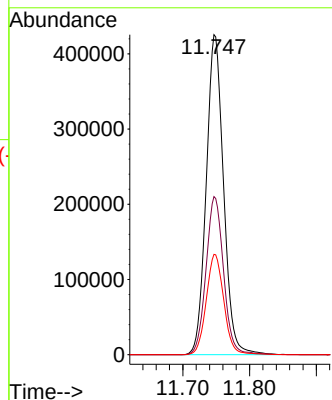
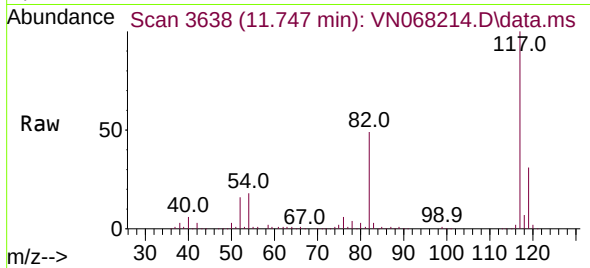




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 767333
Ion Ratio Lower Upper
117 100
82 49.4 53.1 79.7#
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068214.D
Acq: 19 Aug 2021 14:10

Tgt Ion:152 Resp: 285175
Ion Ratio Lower Upper
152 100
115 55.2 36.1 108.5
150 156.8 0.0 351.8

