

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070897.D
 Acq On : 2 Feb 2022 17:12
 Operator : JC/MD
 Sample : VN0202MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBL01

Quant Time: Feb 03 05:57:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

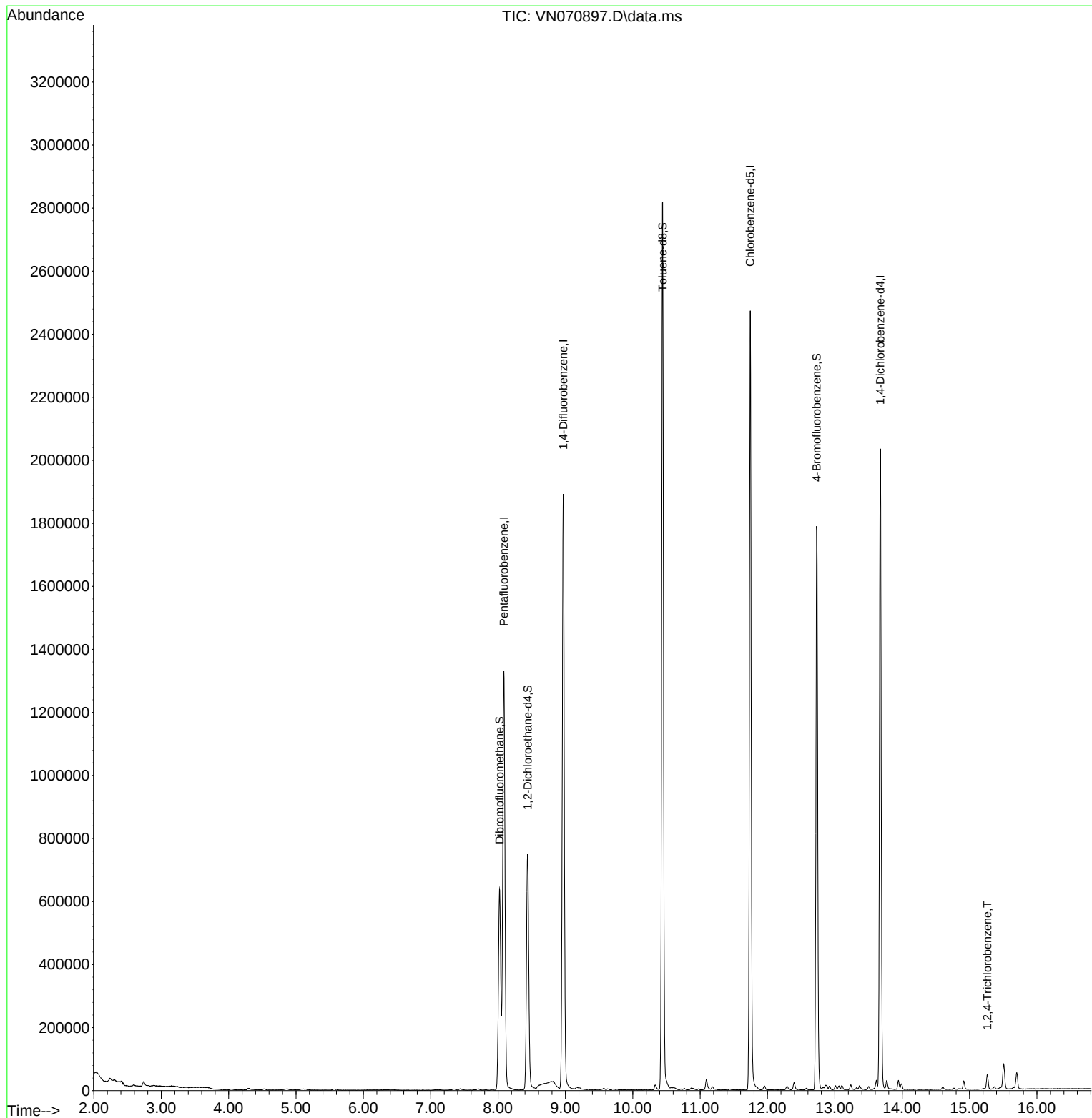
Internal Standards						
1) Pentafluorobenzene	8.086	168	1050690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1658416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1457216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	559630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	646516	45.458	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.920%
35) Dibromofluoromethane	8.021	113	477880	48.101	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.200%
50) Toluene-d8	10.443	98	1989622	48.776	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.731	95	669098	45.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.040%
Target Compounds						
93) 1,2,4-Trichlorobenzene	15.263	180	16748	1.620	ug/l	98

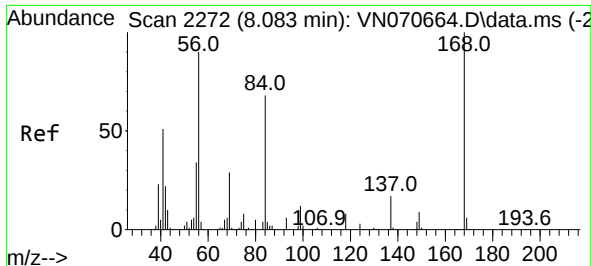
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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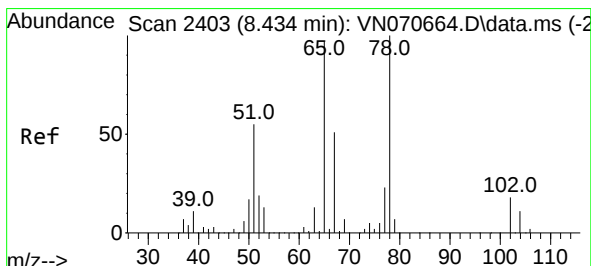
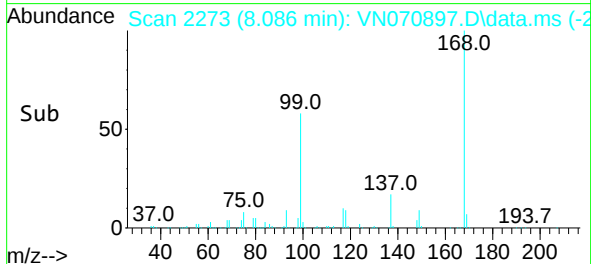
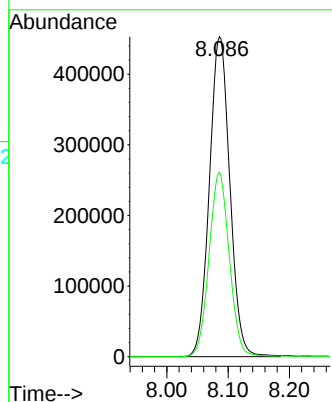
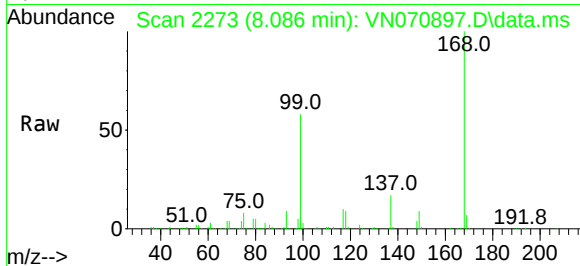




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

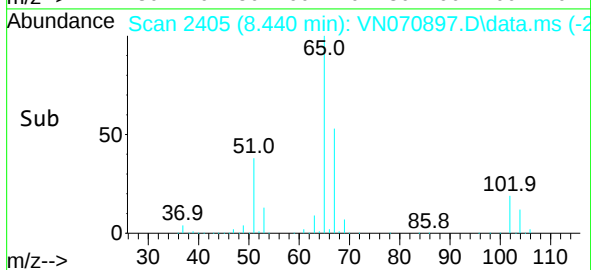
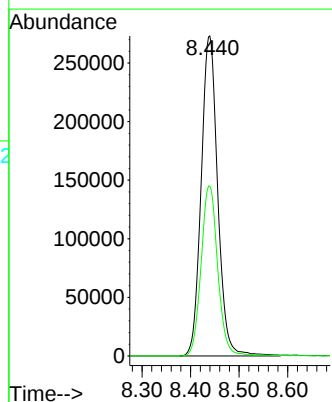
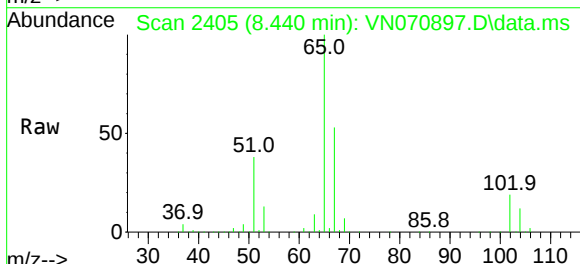
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBL01

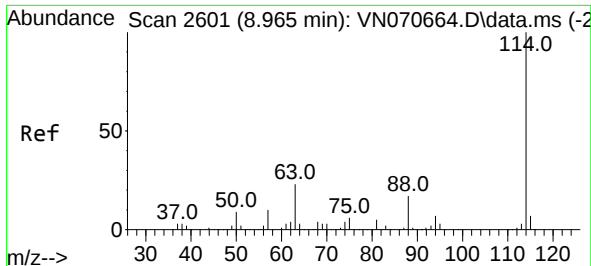
Tgt Ion:168 Resp: 1050690
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 45.458 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

Tgt Ion: 65 Resp: 646516
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070897.D

Acq: 2 Feb 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBL01

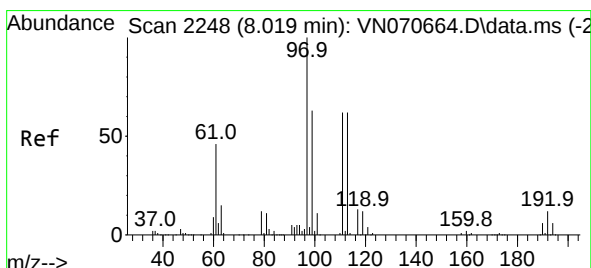
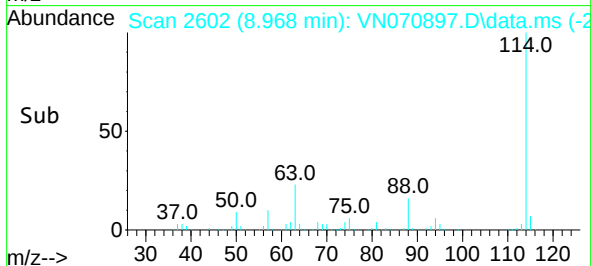
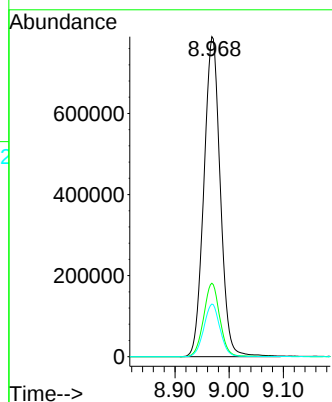
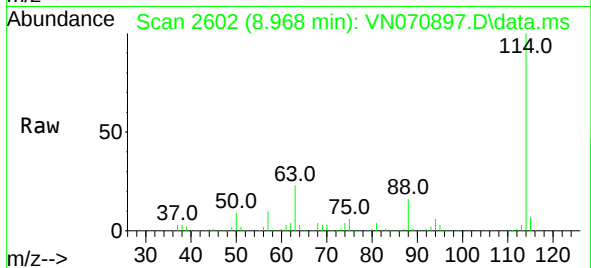
Tgt Ion:114 Resp: 1658416

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.101 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070897.D

Acq: 2 Feb 2022 17:12

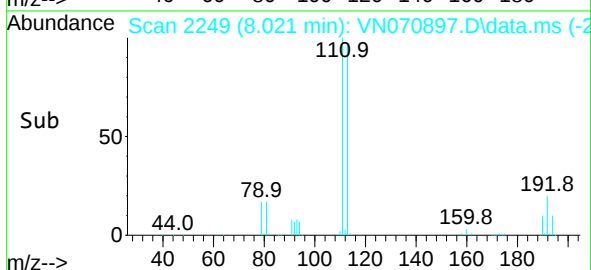
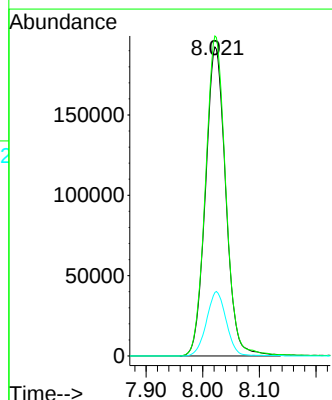
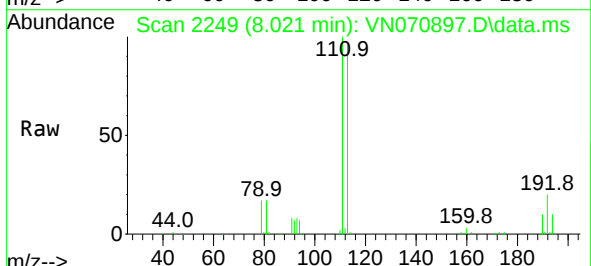
Tgt Ion:113 Resp: 477880

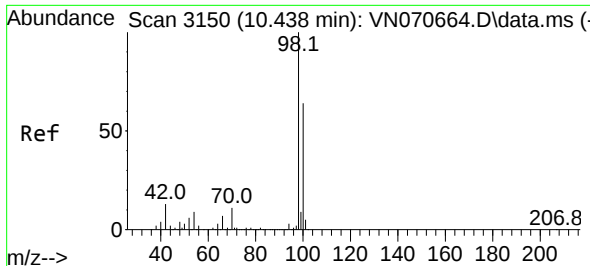
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 20.2 16.9 25.3

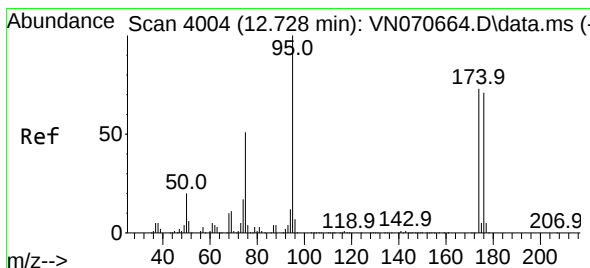
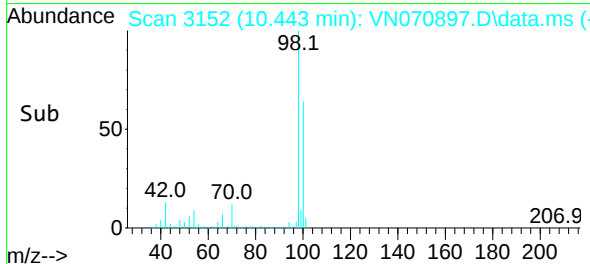
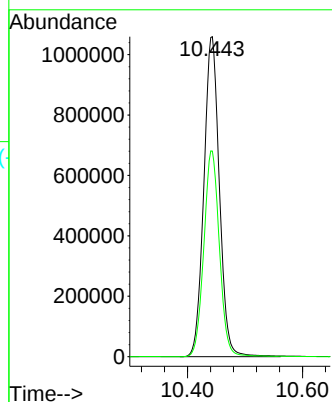
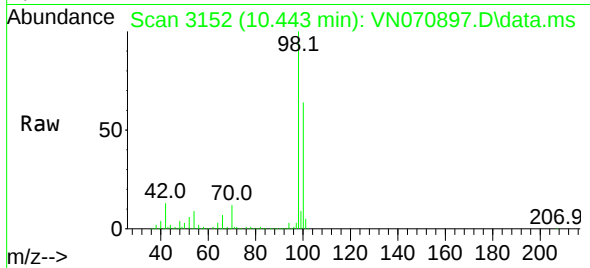




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.443 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

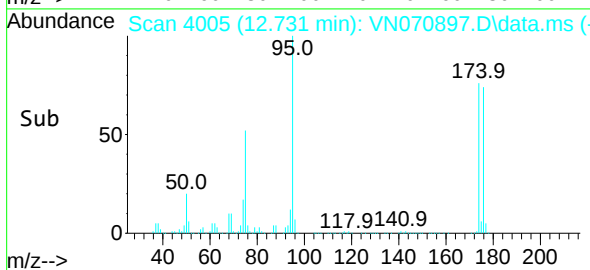
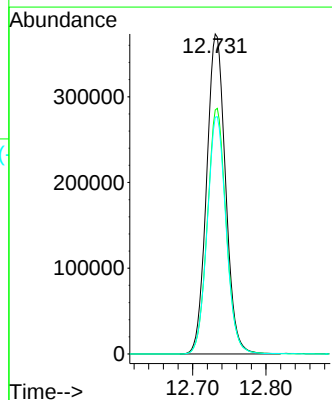
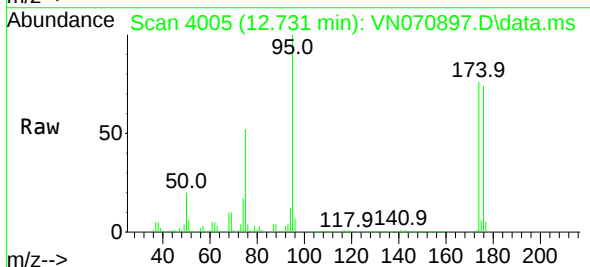
Instrument :
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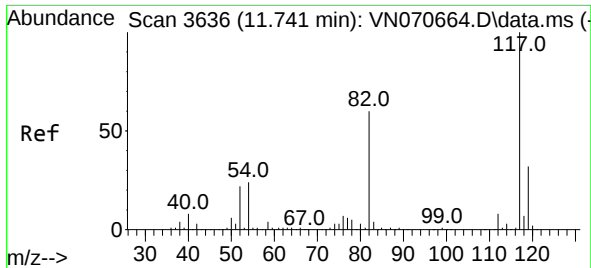
Tgt Ion: 98 Resp: 1989622
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.523 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

Tgt Ion: 95 Resp: 669098
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 74.0 0.0 181.4

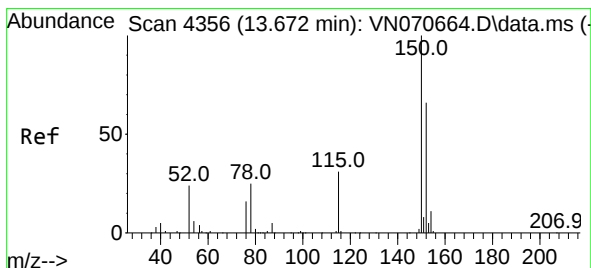
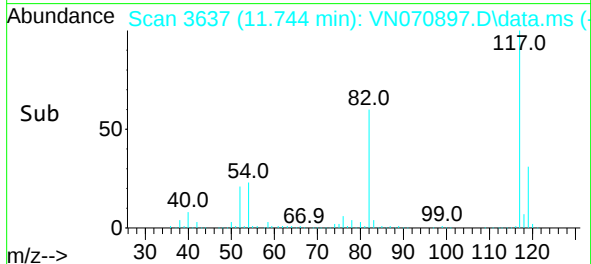
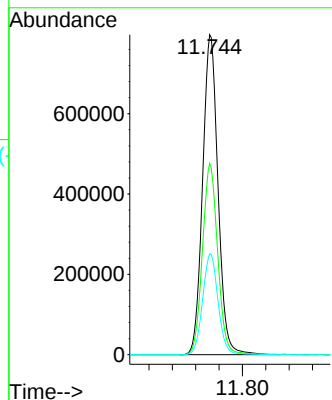
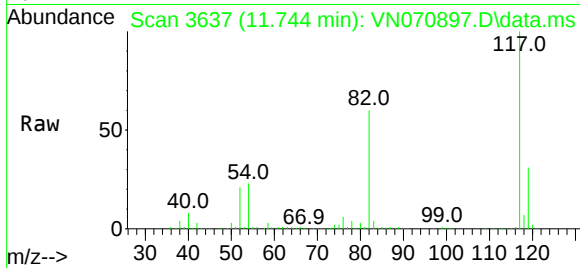




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

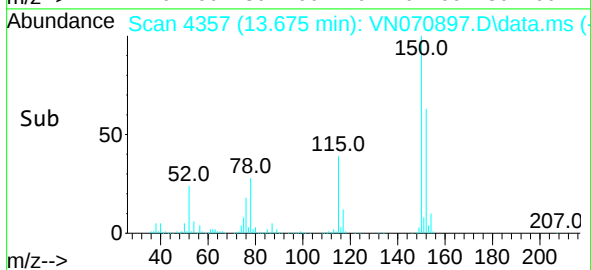
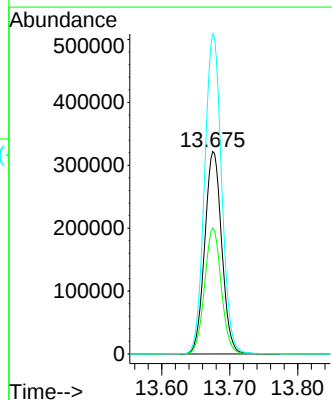
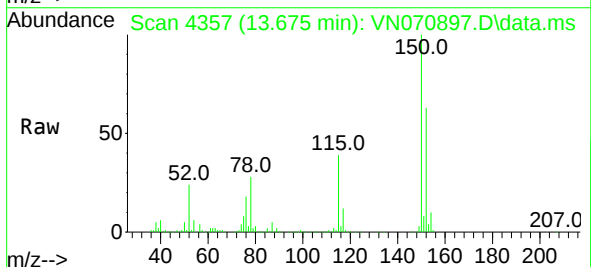
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBL01

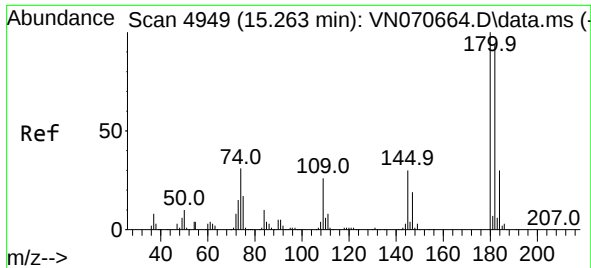
Tgt Ion:117 Resp: 1457216
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070897.D
Acq: 2 Feb 2022 17:12

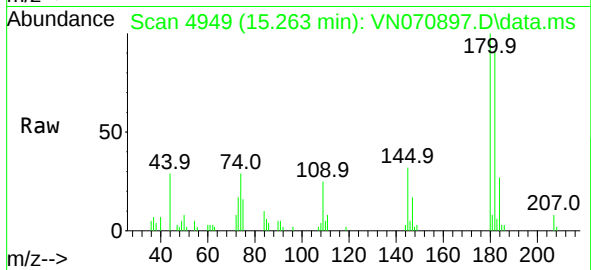
Tgt Ion:152 Resp: 559630
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 157.9 0.0 344.4





#93
 1,2,4-Trichlorobenzene
 Concen: 1.620 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070897.D
 Acq: 2 Feb 2022 17:12

Instrument :
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 ClientSampleId :
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Tgt Ion:180 Resp: 16748

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.3	144.9
145	31.1	14.5	43.5

