

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069697.D
 Acq On : 1 Dec 2021 18:03
 Operator : JC/MD
 Sample : M4892-03DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

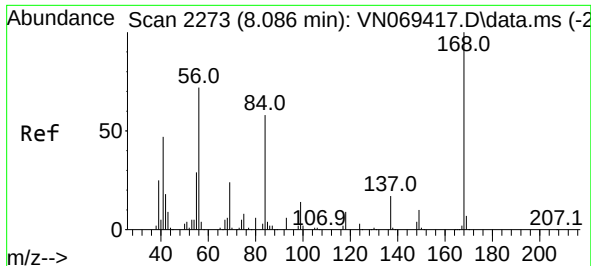
Instrument :
 MSVOA_N
 ClientSampleId :
 INF-1221DL

Quant Time: Dec 09 01:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1536691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2666955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2733429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1182577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1132344	50.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.640%
35) Dibromofluoromethane	8.021	113	772597	48.302	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.600%
50) Toluene-d8	10.441	98	3423204	54.415	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.731	95	1352016	58.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.000%
Target Compounds						
						Qvalue
31) Cyclohexane	8.094	56	347874	11.428	ug/l	# 89
39) Methylcyclohexane	9.459	83	131900	4.725	ug/l	89
40) Benzene	8.461	78	5008770	72.311	ug/l	99
52) Toluene	10.505	92	593554	13.755	ug/l	98
67) Ethyl Benzene	11.846	91	3744254	39.902	ug/l	96
68) m/p-Xylenes	11.956	106	3258166	94.407	ug/l	94
69) o-Xylene	12.280	106	589196	17.125	ug/l	93
73) Isopropylbenzene	12.578	105	357249	3.794	ug/l	100
78) n-propylbenzene	12.919	91	736630	6.953	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	447002	5.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	2995175	40.759	ug/l	97
95) Naphthalene	15.507	128	616153	15.143	ug/l	100

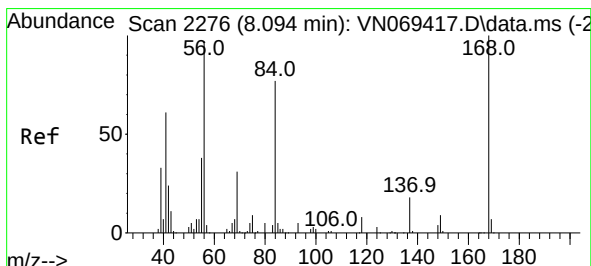
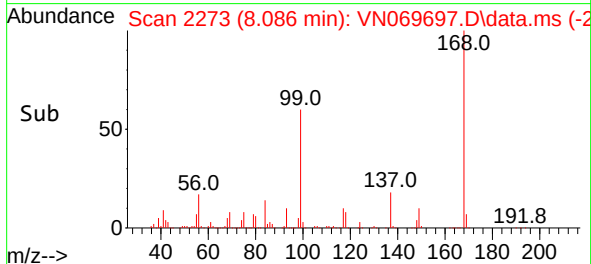
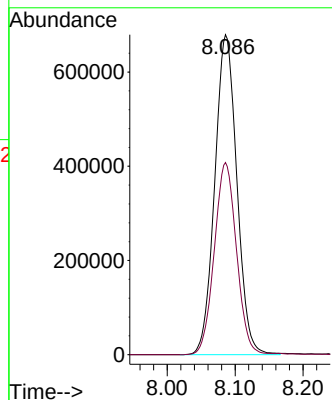
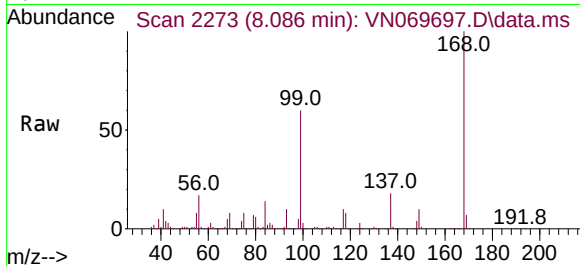
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

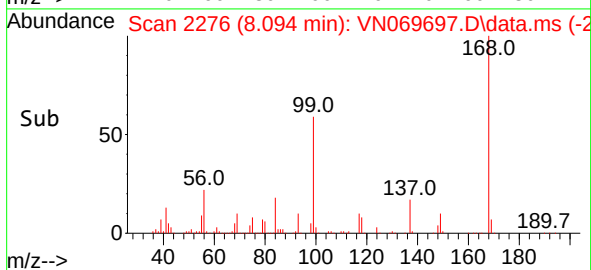
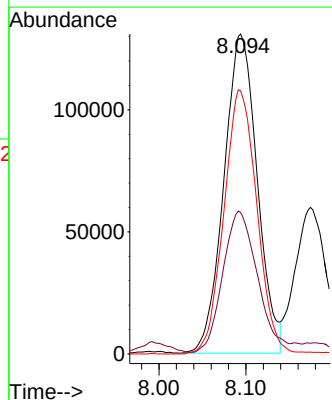
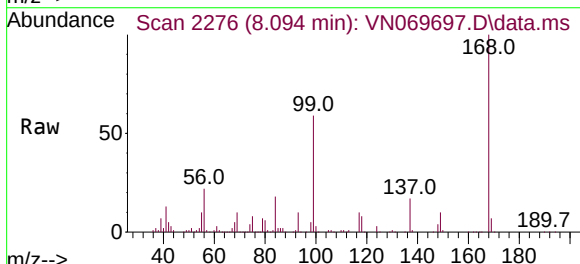
Instrument :
MSVOA_N
ClientSampleId :
INF-1221DL

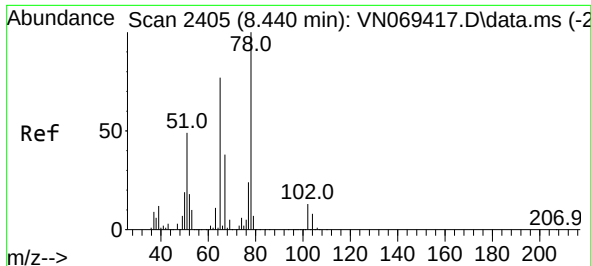
Tgt Ion:168 Resp: 1536691
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#31
Cyclohexane
Concen: 11.428 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 56 Resp: 347874
Ion Ratio Lower Upper
56 100
69 43.2 27.1 40.7#
84 82.5 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 50.821 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

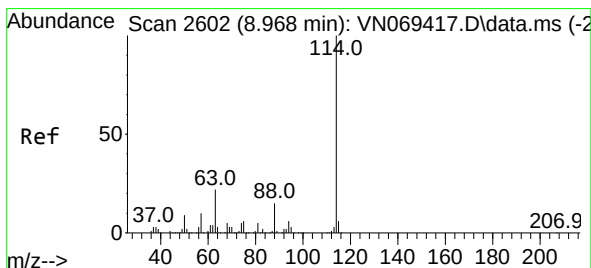
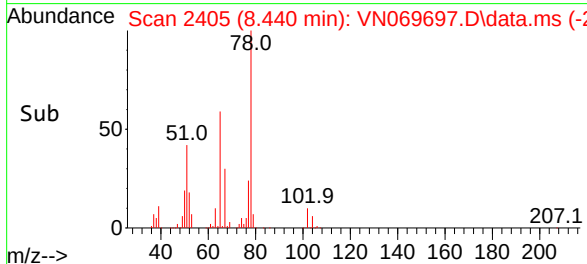
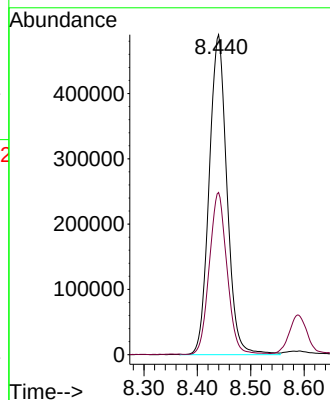
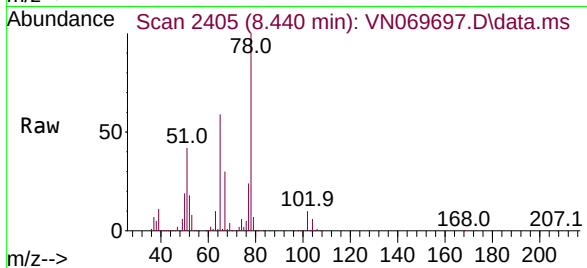
INF-1221DL

Tgt Ion: 65 Resp: 1132344

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

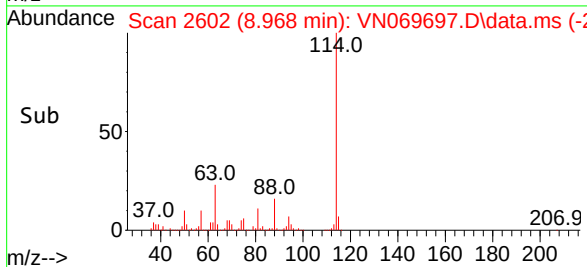
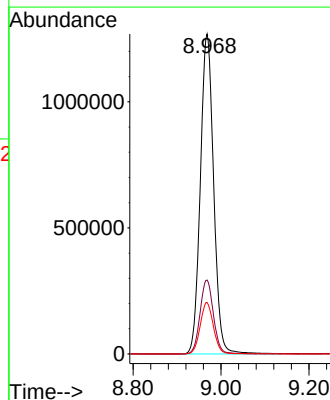
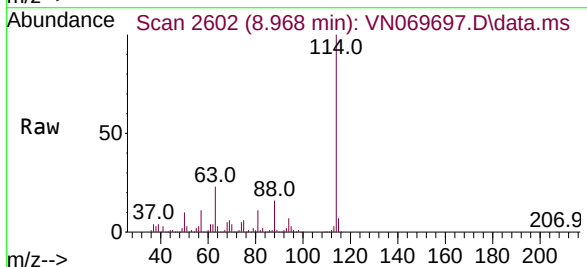
Tgt Ion: 114 Resp: 2666955

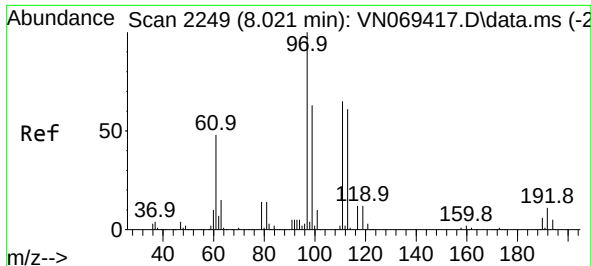
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.1 0.0 27.4

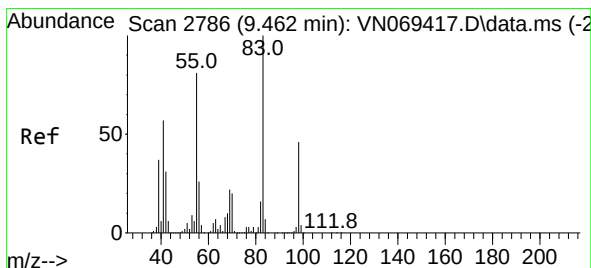
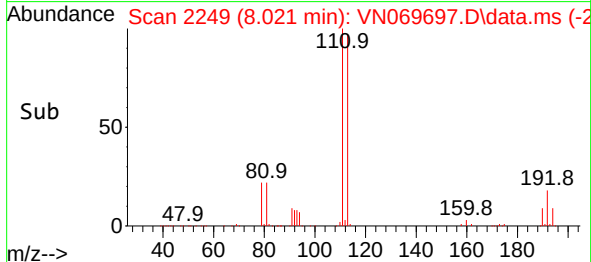
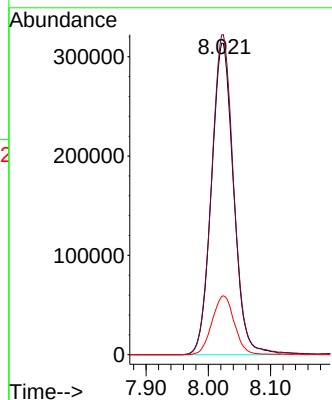
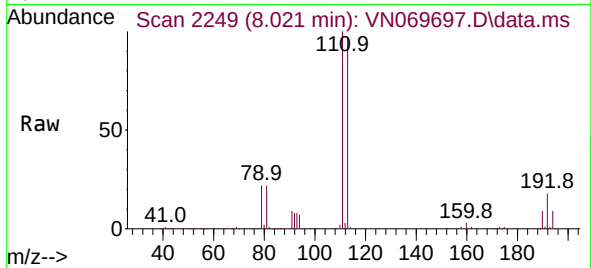




#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

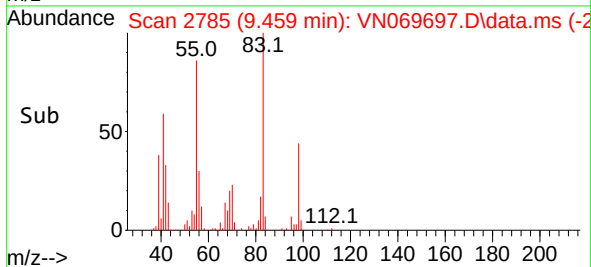
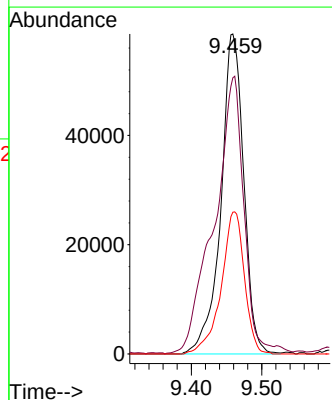
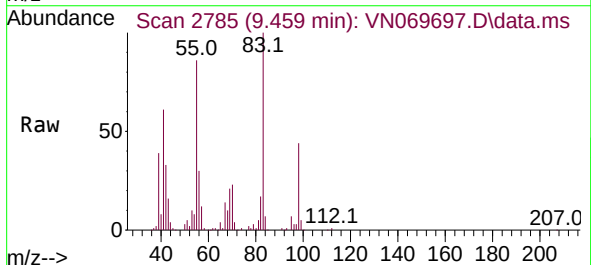
Instrument :
MSVOA_N
ClientSampleId :
INF-1221DL

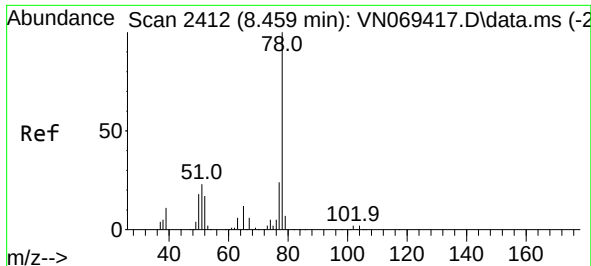
Tgt Ion:113 Resp: 772597
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3



#39
Methylcyclohexane
Concen: 4.725 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 83 Resp: 131900
Ion Ratio Lower Upper
83 100
55 84.9 58.1 87.1
98 44.3 38.4 57.6

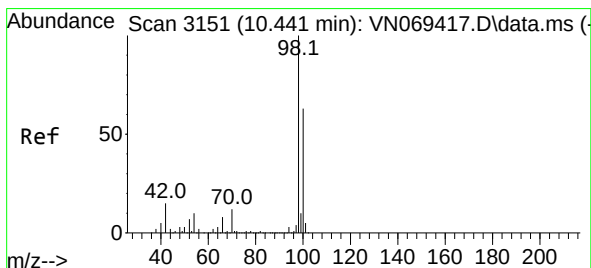
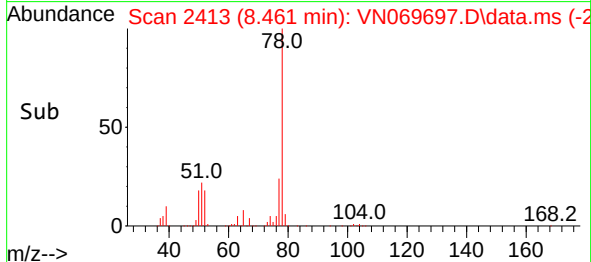
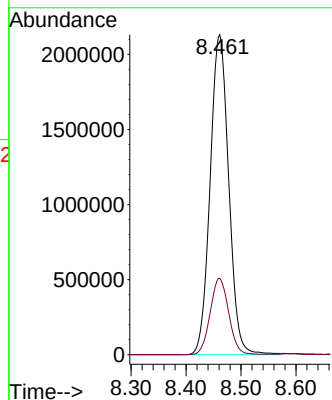
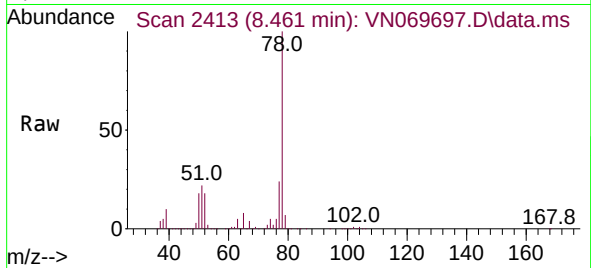




#40
Benzene
Concen: 72.311 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

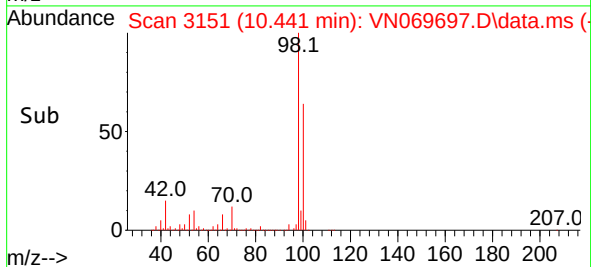
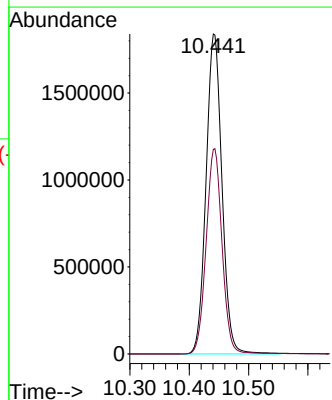
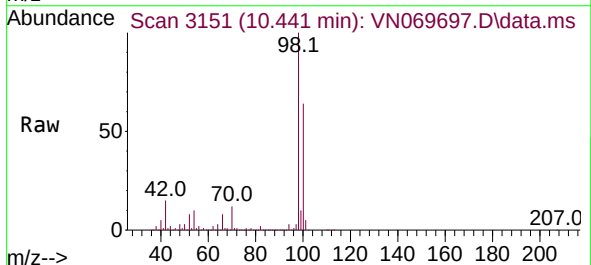
Instrument :
MSVOA_N
ClientSampleId :
INF-1221DL

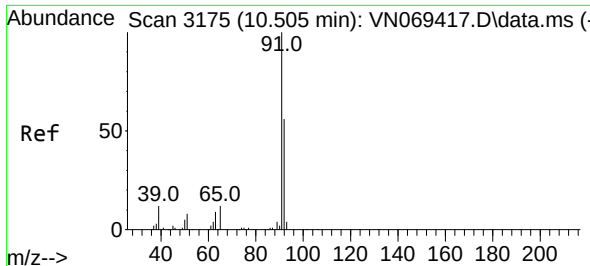
Tgt Ion: 78 Resp: 5008770
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



#50
Toluene-d8
Concen: 54.415 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 98 Resp: 3423204
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

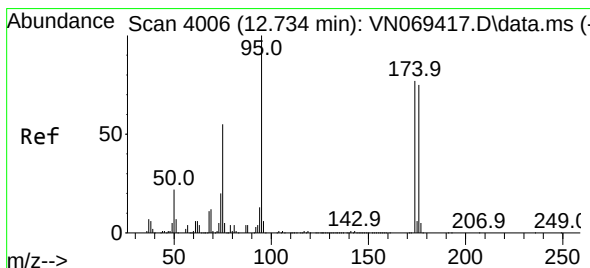
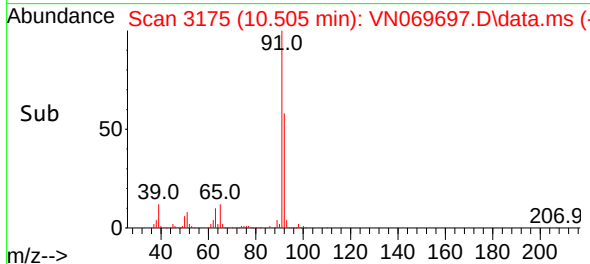
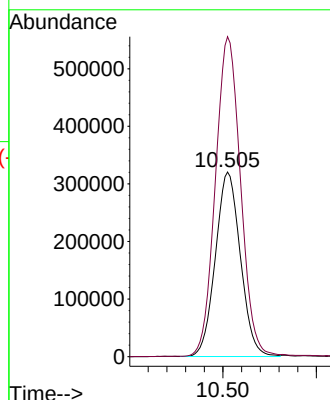
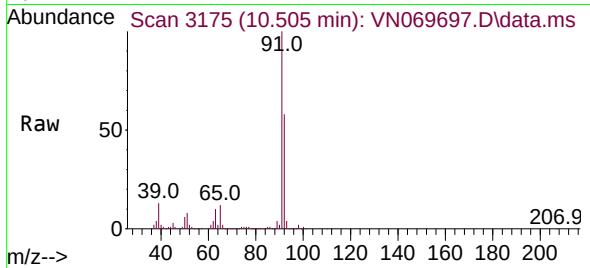




#52
Toluene
Concen: 13.755 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

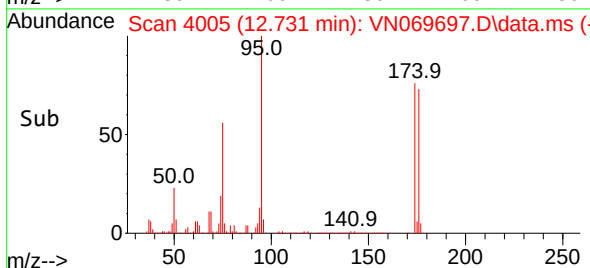
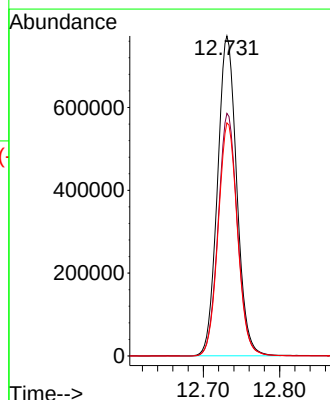
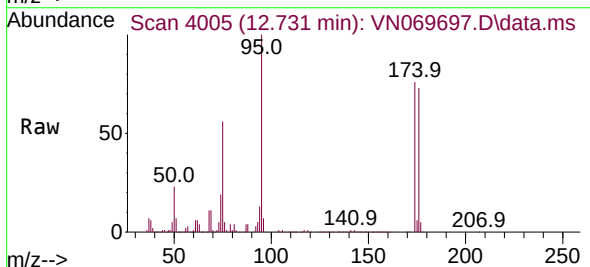
Instrument :
MSVOA_N
ClientSampleId :
INF-1221DL

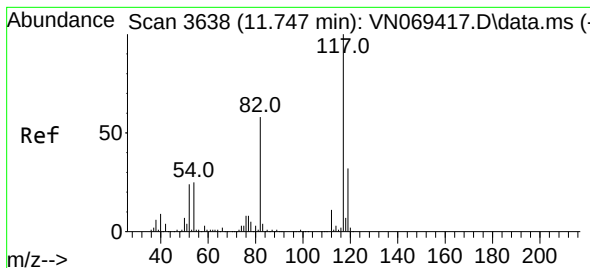
Tgt Ion: 92 Resp: 593554
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 58.502 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 95 Resp: 1352016
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

INF-1221DL

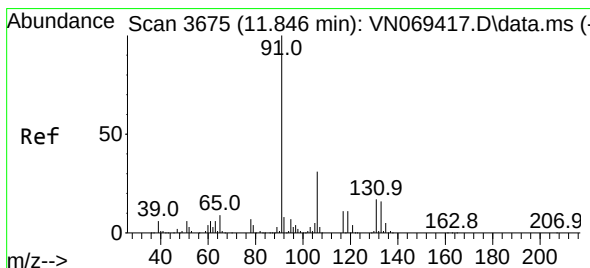
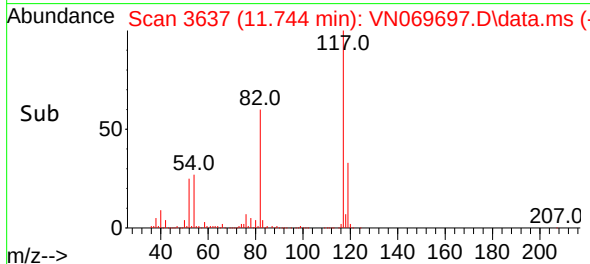
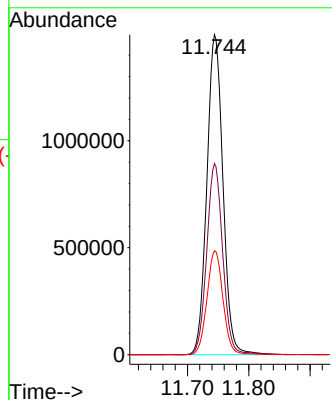
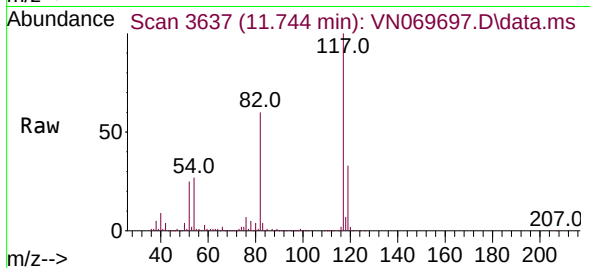
Tgt Ion:117 Resp: 2733429

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 32.5 25.4 38.2



#67

Ethyl Benzene

Concen: 39.902 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. -0.000 min

Lab File: VN069697.D

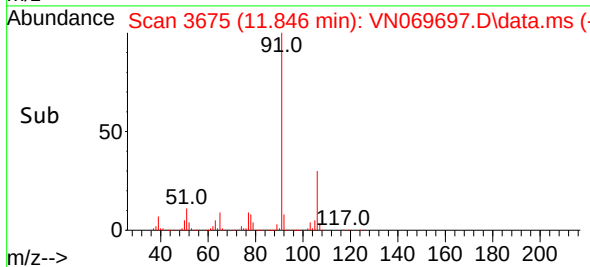
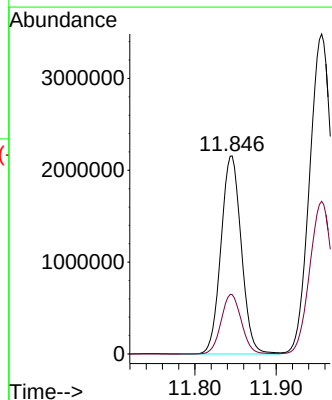
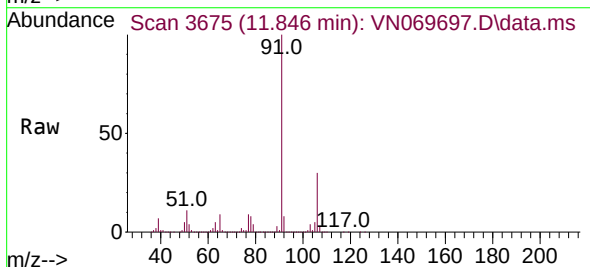
Acq: 1 Dec 2021 18:03

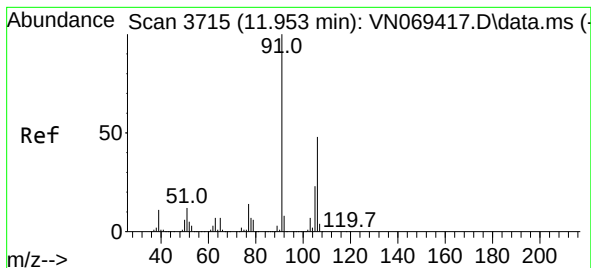
Tgt Ion: 91 Resp: 3744254

Ion Ratio Lower Upper

91 100

106 29.9 25.7 38.5





#68

m/p-Xylenes

Concen: 94.407 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

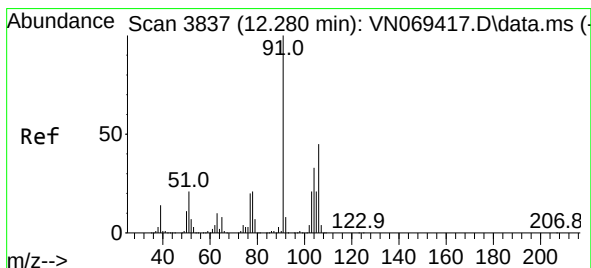
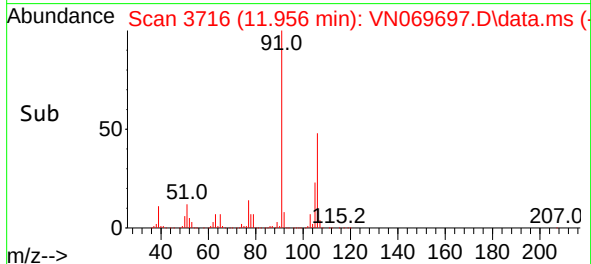
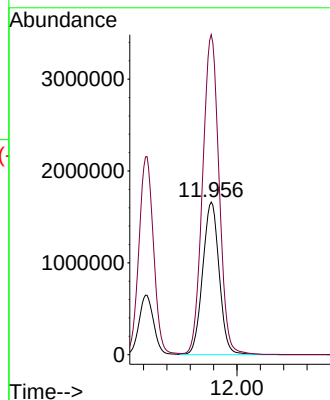
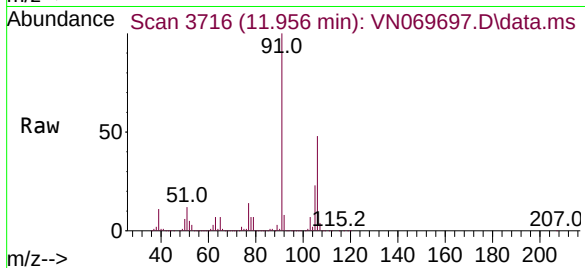
INF-1221DL

Tgt Ion:106 Resp: 3258166

Ion Ratio Lower Upper

106 100

91 210.2 160.6 240.8



#69

o-Xylene

Concen: 17.125 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. 0.000 min

Lab File: VN069697.D

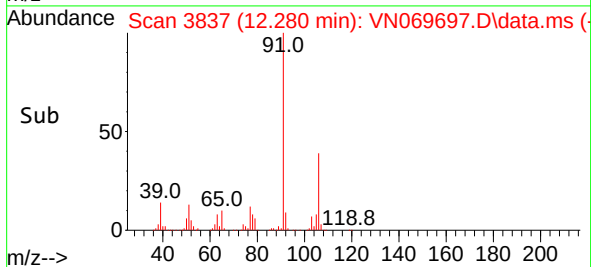
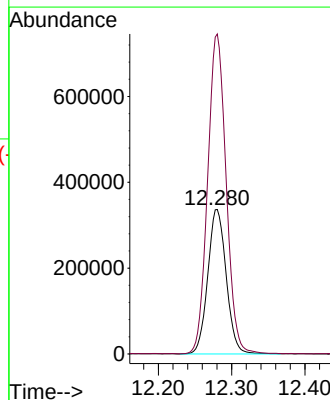
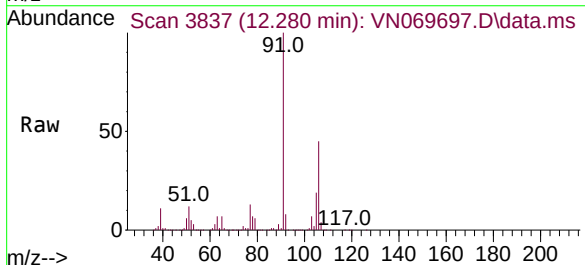
Acq: 1 Dec 2021 18:03

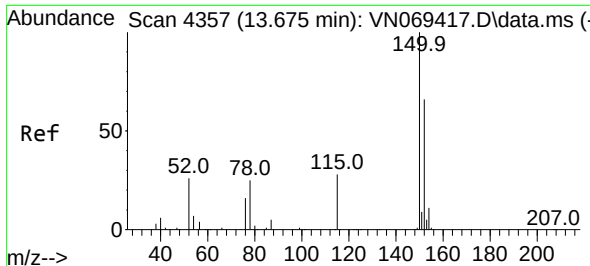
Tgt Ion:106 Resp: 589196

Ion Ratio Lower Upper

106 100

91 221.9 105.8 317.3



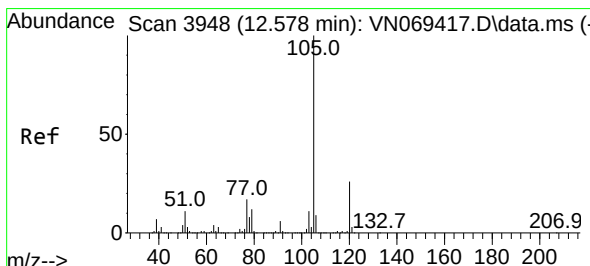
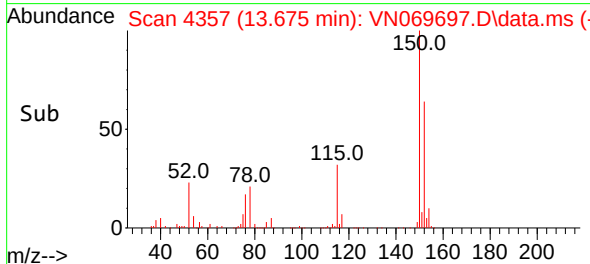
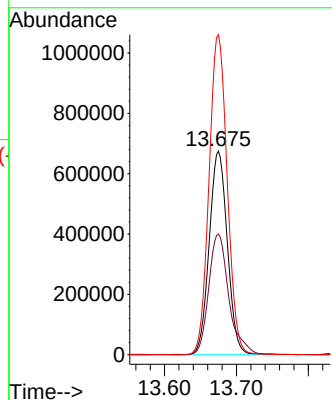
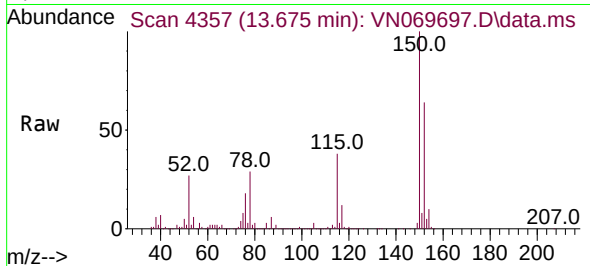


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.000 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :
 INF-1221DL

Tgt Ion:152 Resp: 1182577

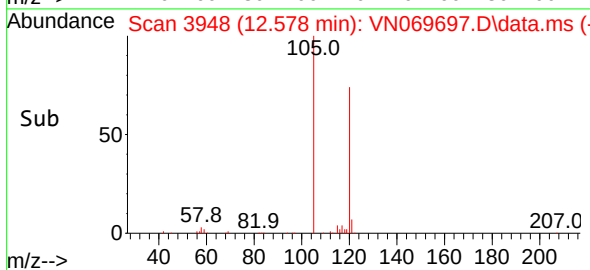
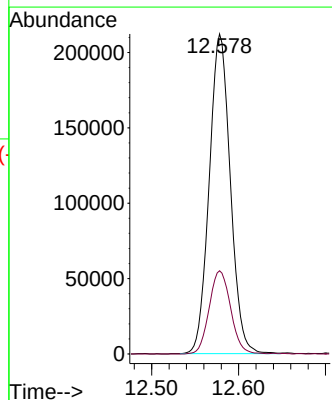
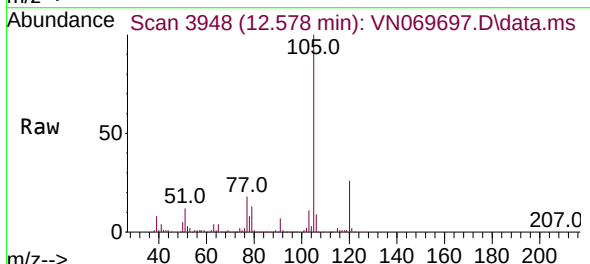
Ion	Ratio	Lower	Upper
152	100		
115	65.8	27.5	82.5
150	157.7	0.0	344.4

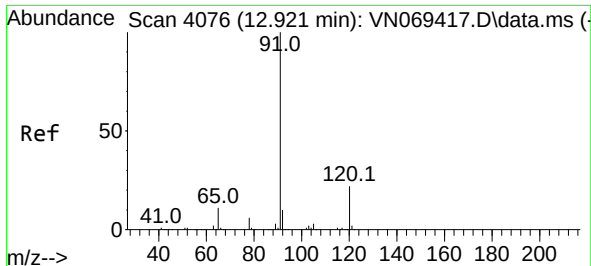


#73
 Isopropylbenzene
 Concen: 3.794 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. 0.000 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Tgt Ion:105 Resp: 357249

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.1

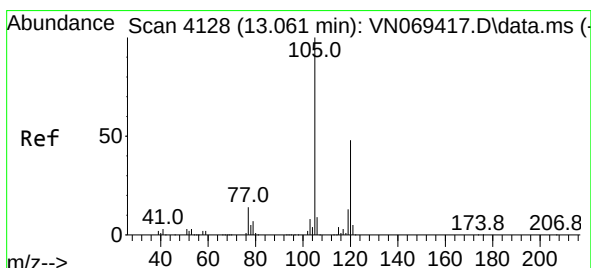
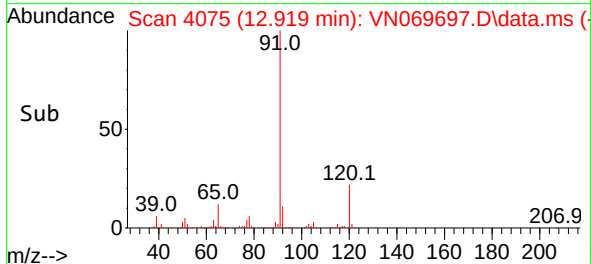
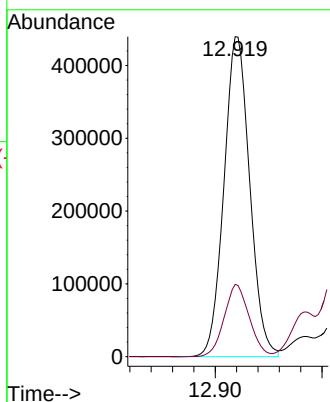
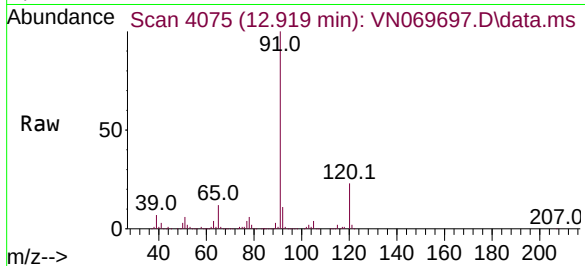




#78
n-propylbenzene
Concen: 6.953 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

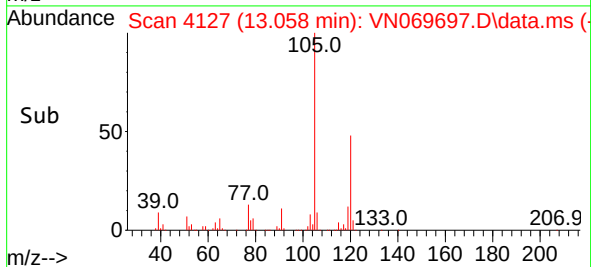
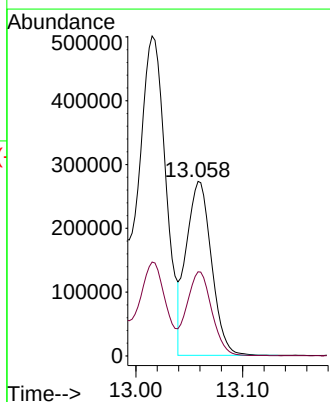
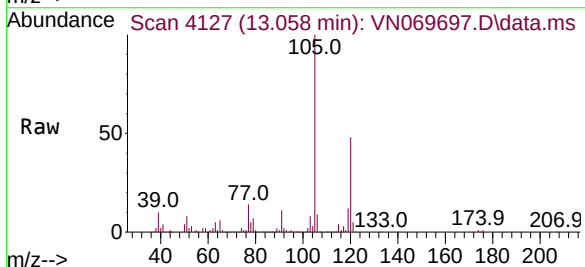
Instrument :
MSVOA_N
ClientSampleId :
INF-1221DL

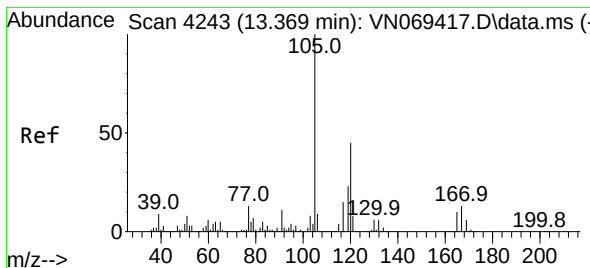
Tgt Ion: 91 Resp: 736630
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 5.872 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 105 Resp: 447002
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 40.759 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

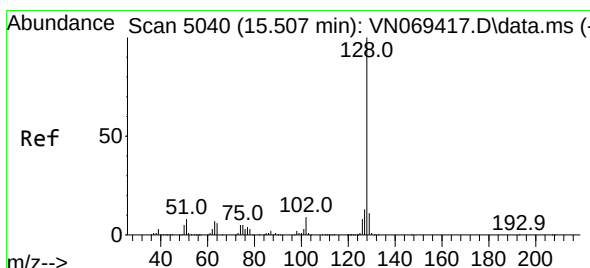
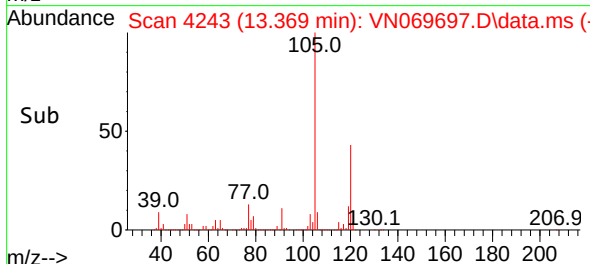
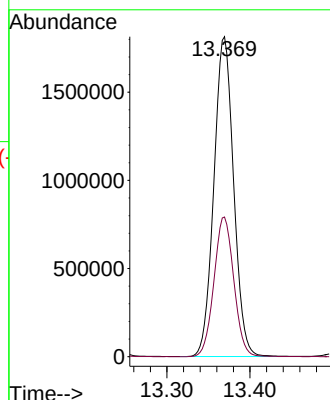
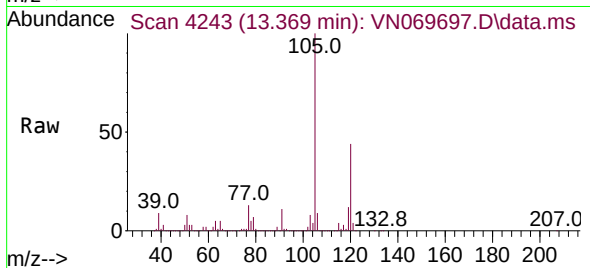
INF-1221DL

Tgt Ion:105 Resp: 2995175

Ion Ratio Lower Upper

105 100

120 43.9 22.8 68.4



#95

Naphthalene

Concen: 15.143 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Tgt Ion:128 Resp: 616153

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.7 13.1

