

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072256.D
 Acq On : 28 Apr 2022 22:37
 Operator : JC\MD
 Sample : N2617-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Apr 29 06:38:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

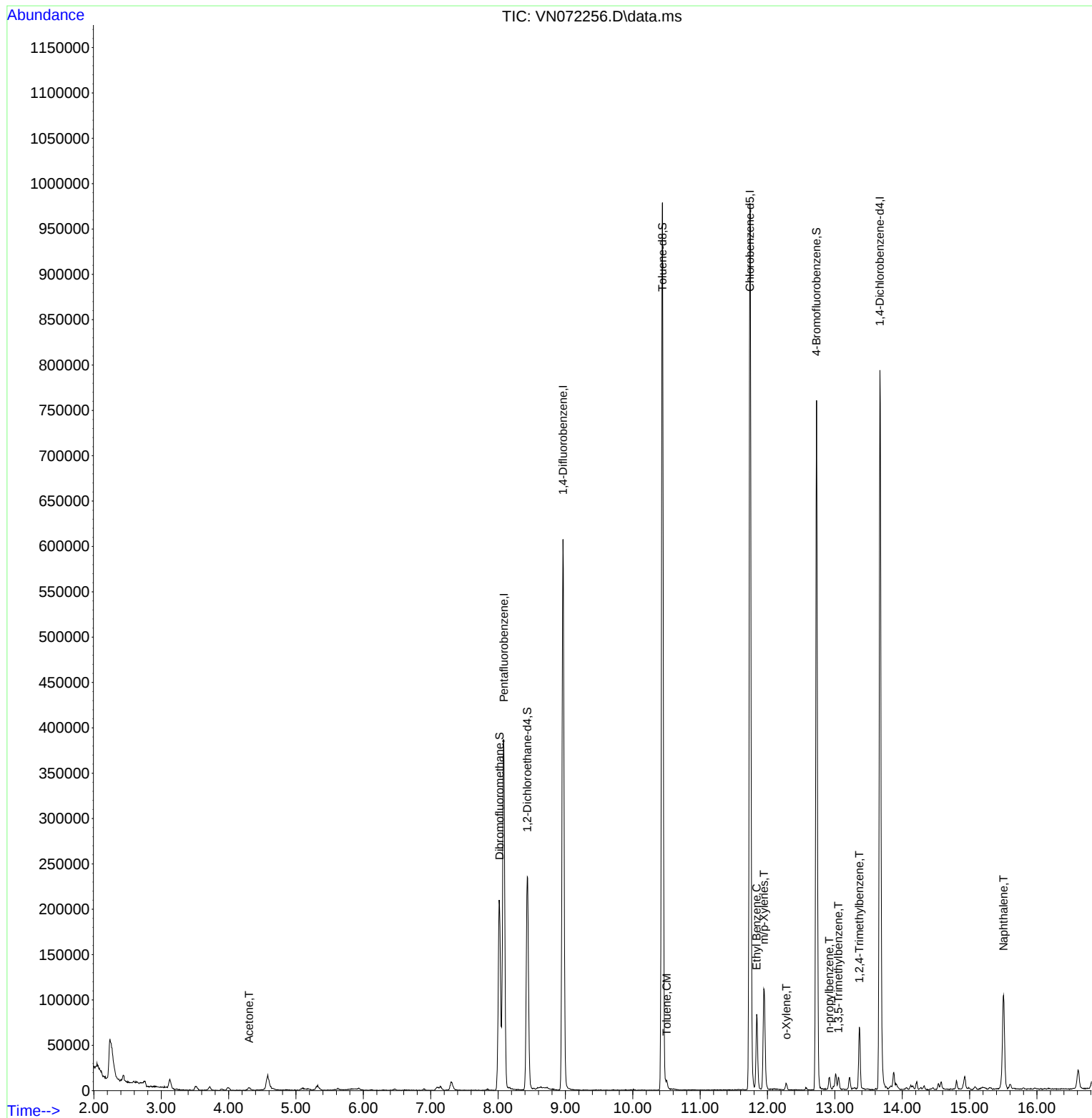
Internal Standards						
1) Pentafluorobenzene	8.086	168	276328	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	511739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	566259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	207866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	211218	49.789	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.580%
35) Dibromofluoromethane	8.022	113	153612	46.898	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.800%
50) Toluene-d8	10.439	98	664744	51.649	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.727	95	263702	61.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.460%
Target Compounds						
					Qvalue	
16) Acetone	4.304	43	3828	2.093	ug/l	# 73
52) Toluene	10.504	92	2426	0.274	ug/l	93
67) Ethyl Benzene	11.839	91	60960	3.055	ug/l	92
68) m/p-Xylenes	11.945	106	38616	5.212	ug/l	94
69) o-Xylene	12.280	106	2180	0.303	ug/l	79
78) n-propylbenzene	12.915	91	12289	0.608	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	7048	0.461	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	40212	2.718	ug/l	96
95) Naphthalene	15.504	128	112315	13.834	ug/l	98

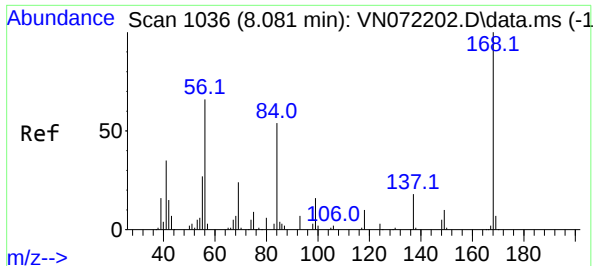
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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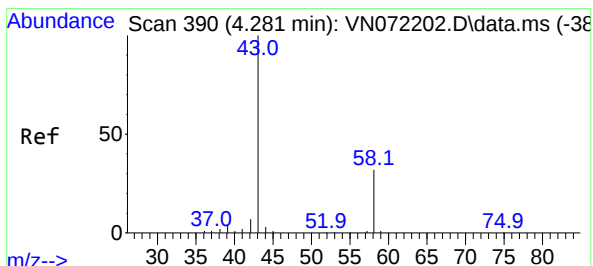
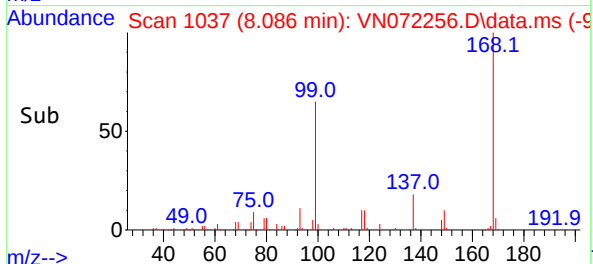
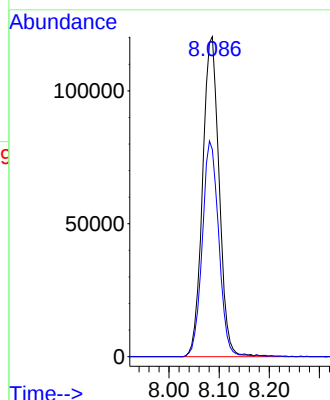
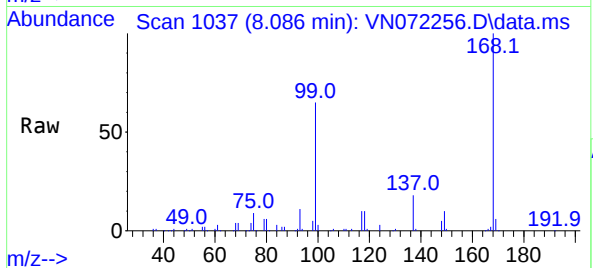




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

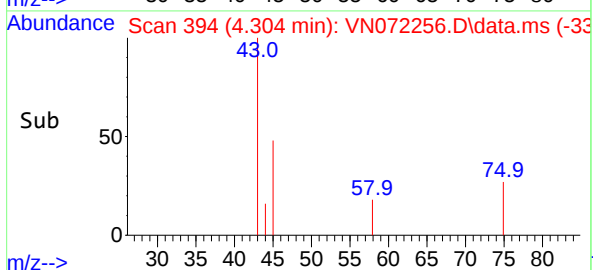
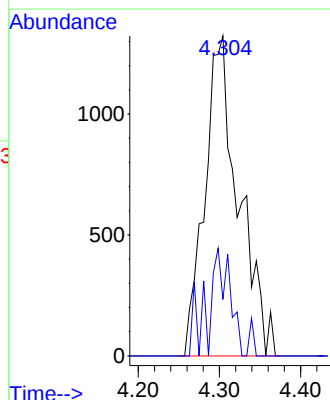
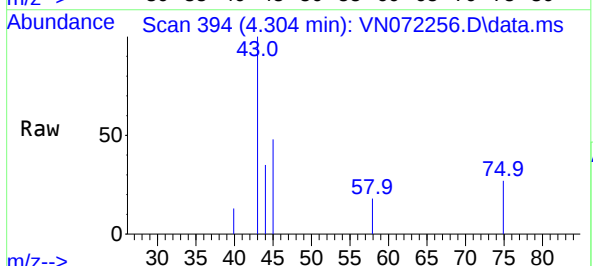
Instrument :
MSVOA_N
ClientSampleId :
TB

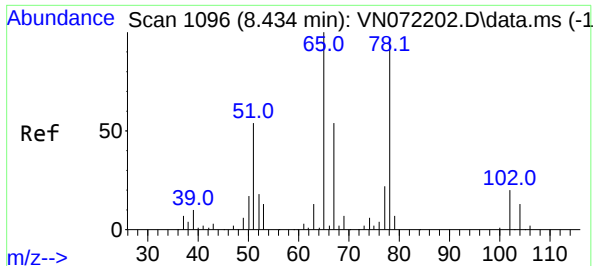
Tgt Ion:168 Resp: 276328
Ion Ratio Lower Upper
168 100
99 64.7 42.3 63.5#



#16
Acetone
Concen: 2.093 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 17.6 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072256.D

Acq: 28 Apr 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

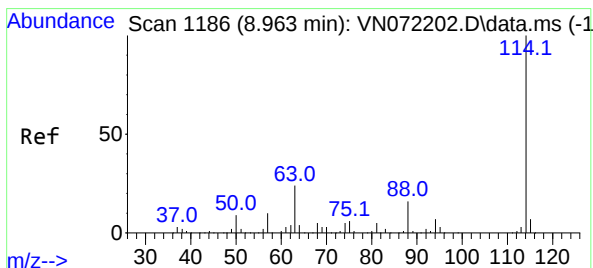
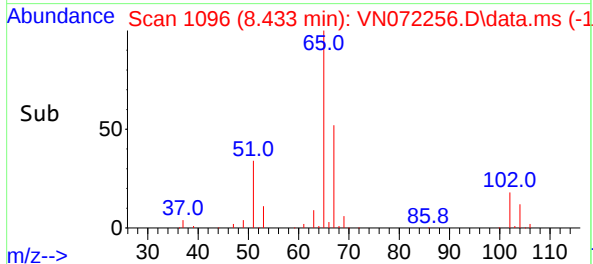
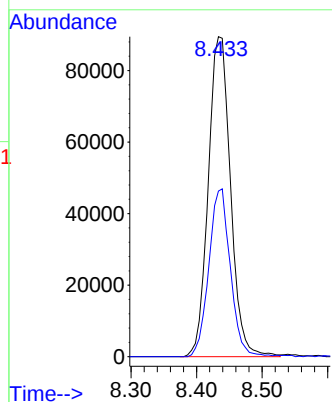
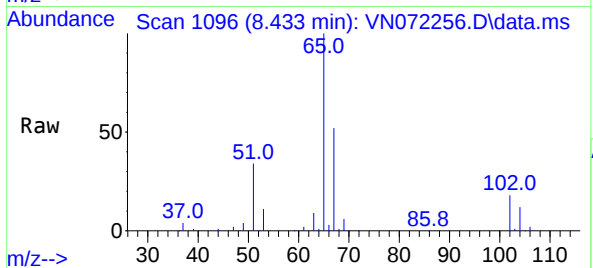
TB

Tgt Ion: 65 Resp: 211218

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072256.D

Acq: 28 Apr 2022 22:37

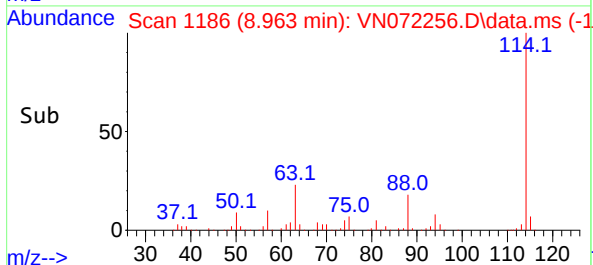
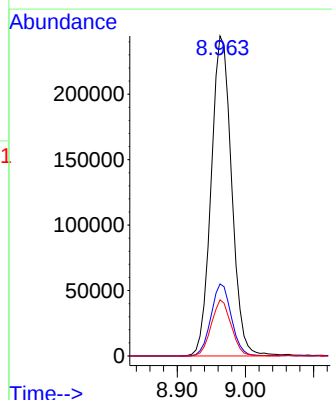
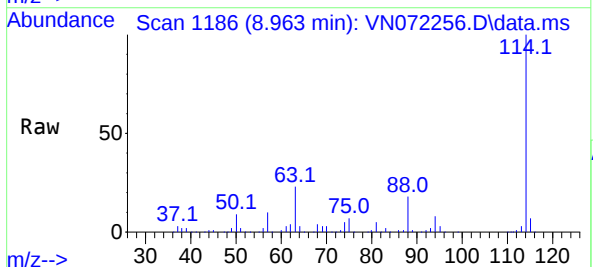
Tgt Ion: 114 Resp: 511739

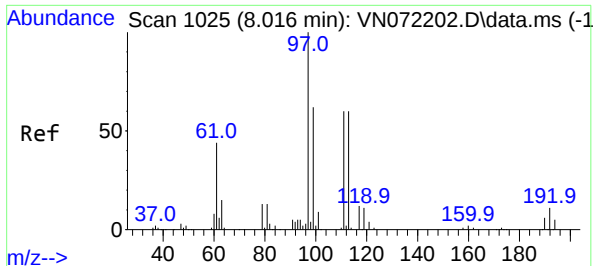
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 17.6 0.0 32.6

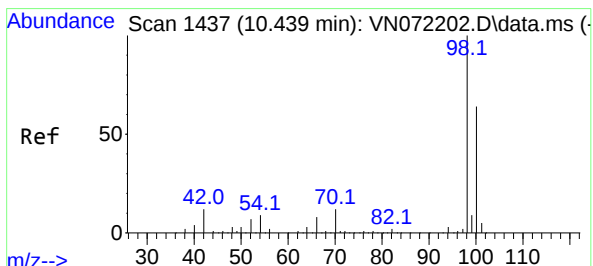
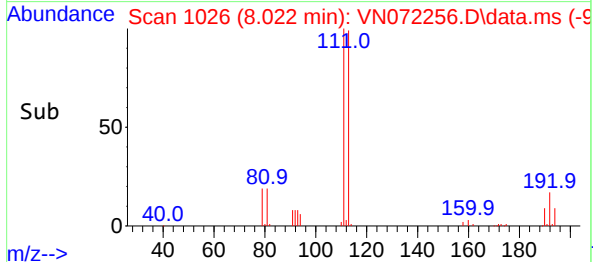
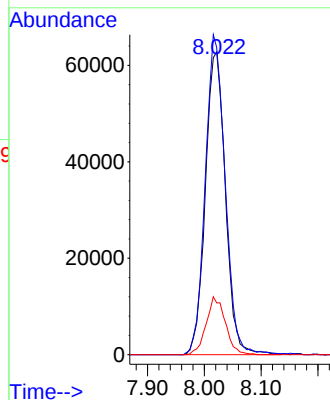
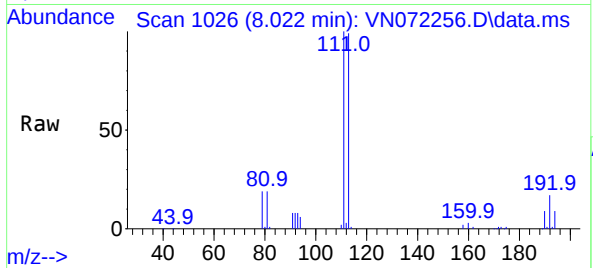




#35
Dibromofluoromethane
Concen: 46.898 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

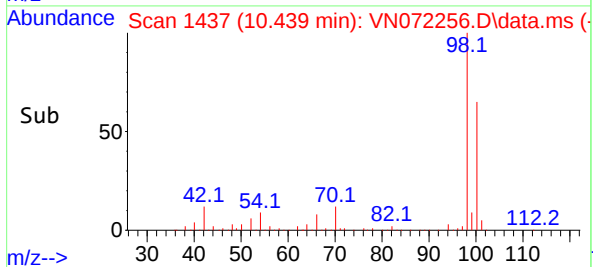
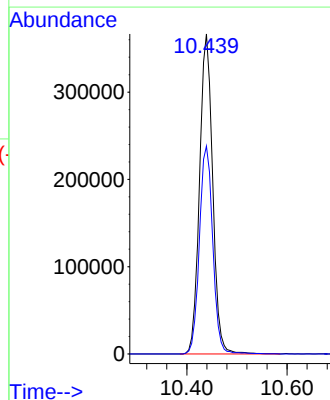
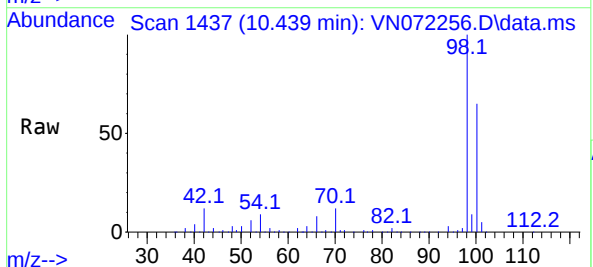
Instrument :
MSVOA_N
ClientSampleId :
TB

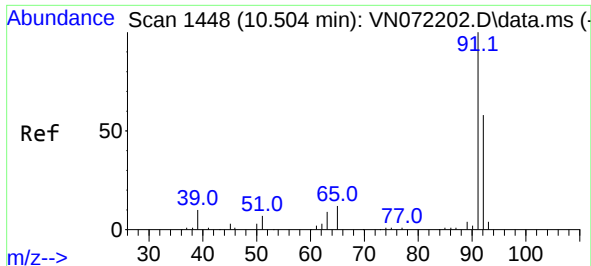
Tgt Ion:113 Resp: 153612
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 18.3 17.0 25.6



#50
Toluene-d8
Concen: 51.649 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion: 98 Resp: 664744
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

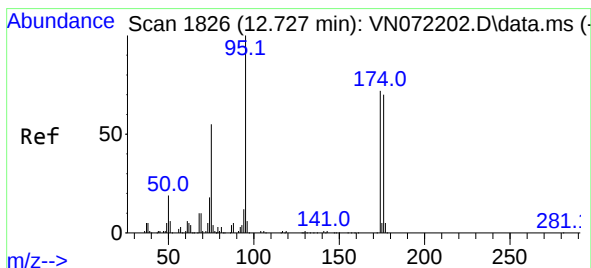
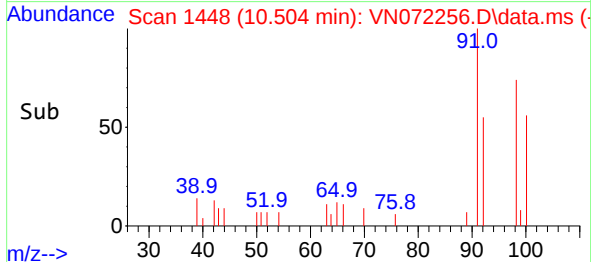
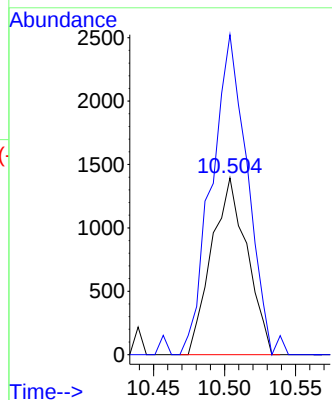
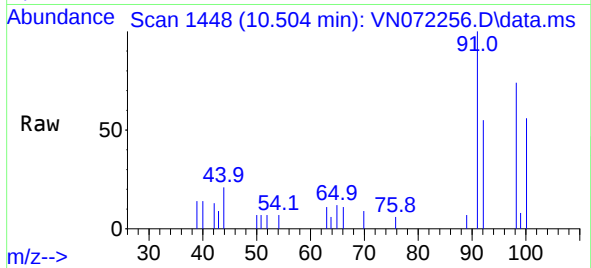




#52
Toluene
Concen: 0.274 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

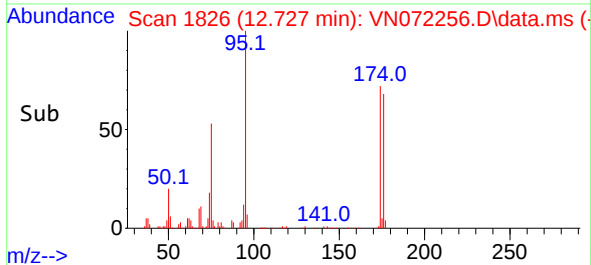
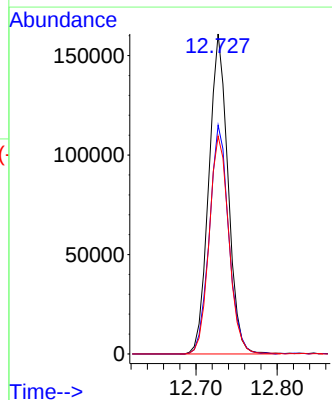
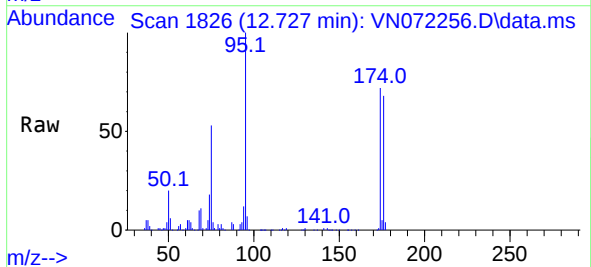
Instrument :
MSVOA_N
ClientSampleId :
TB

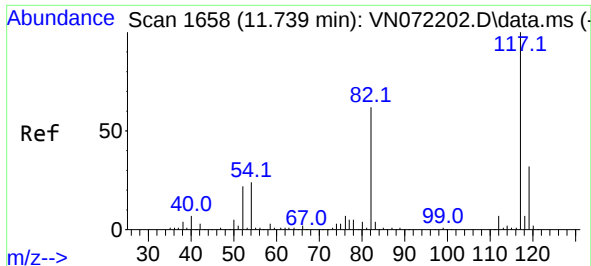
Tgt Ion: 92 Resp: 2426
Ion Ratio Lower Upper
92 100
91 183.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 61.729 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion: 95 Resp: 263702
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 69.7 0.0 163.4

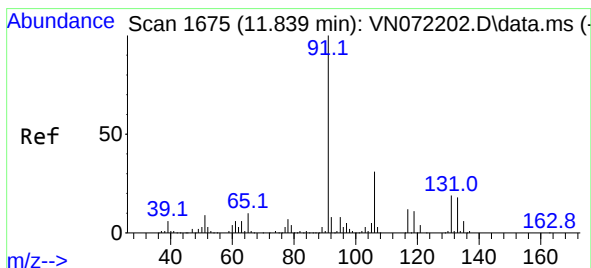
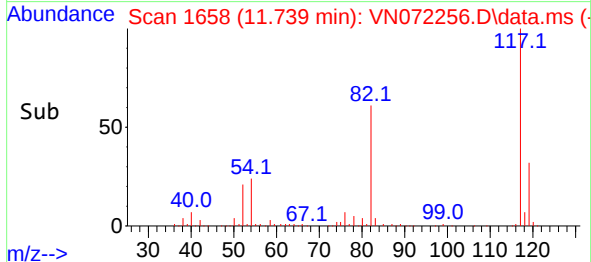
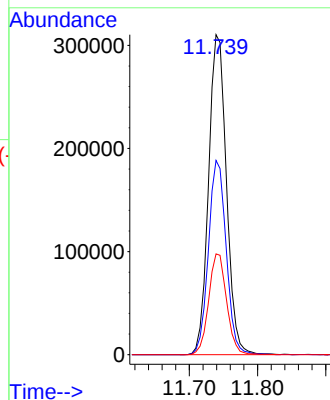
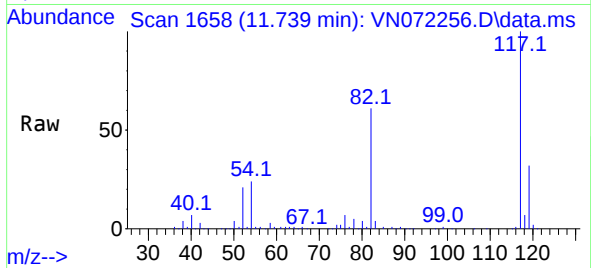




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

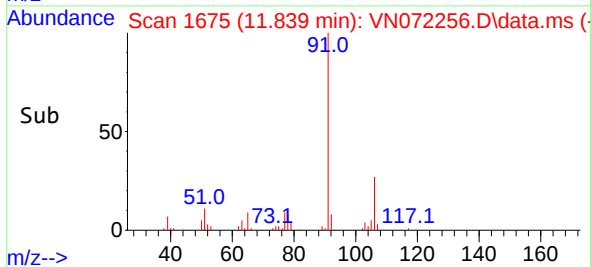
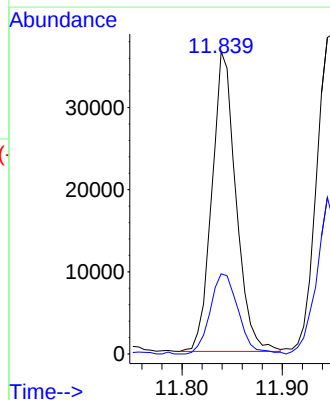
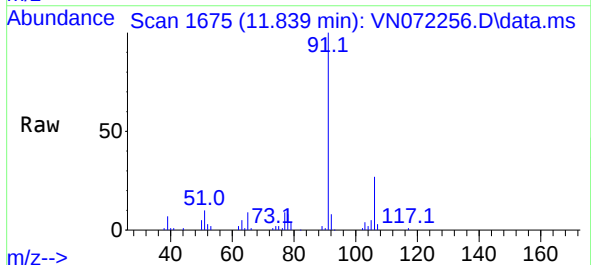
Instrument :
MSVOA_N
ClientSampleId :
TB

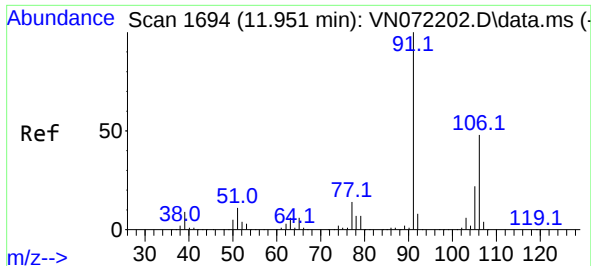
Tgt Ion:117 Resp: 566259
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 3.055 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion: 91 Resp: 60960
Ion Ratio Lower Upper
91 100
106 26.7 24.9 37.3

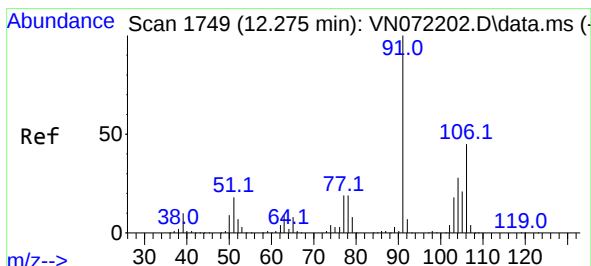
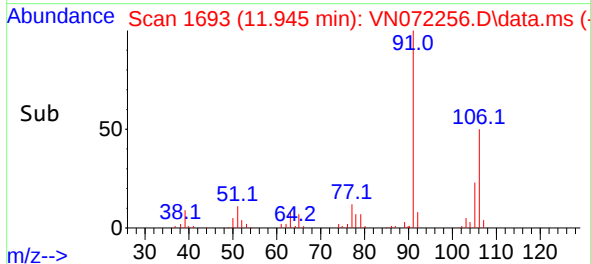
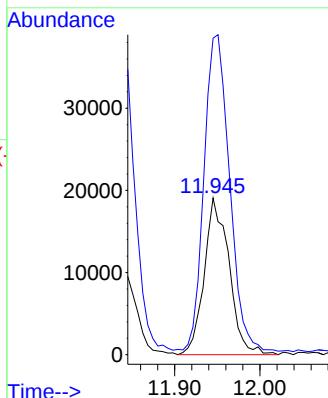
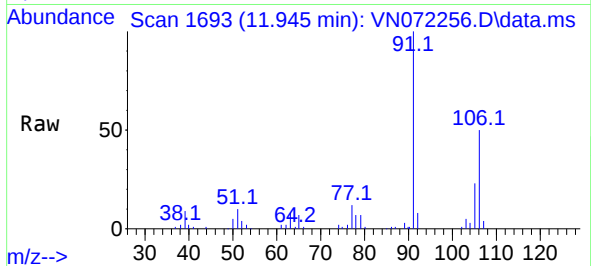




#68
m/p-Xylenes
Concen: 5.212 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

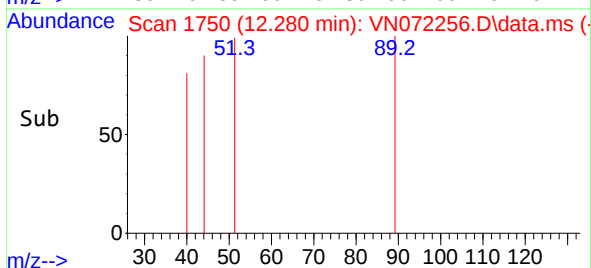
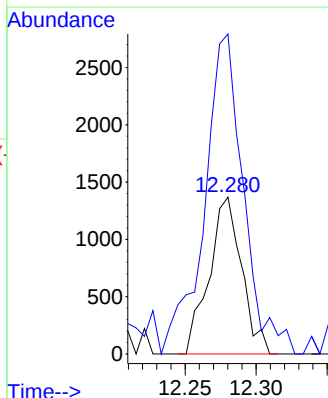
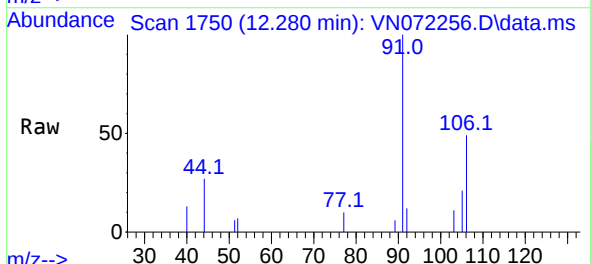
Instrument :
MSVOA_N
ClientSampleId :
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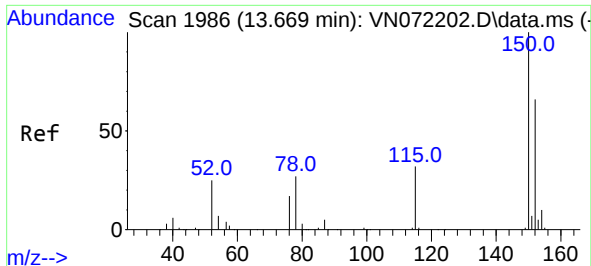
Tgt Ion:106 Resp: 38616
Ion Ratio Lower Upper
106 100
91 207.2 158.9 238.3



#69
o-Xylene
Concen: 0.303 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion:106 Resp: 2180
Ion Ratio Lower Upper
106 100
91 245.3 106.0 318.0

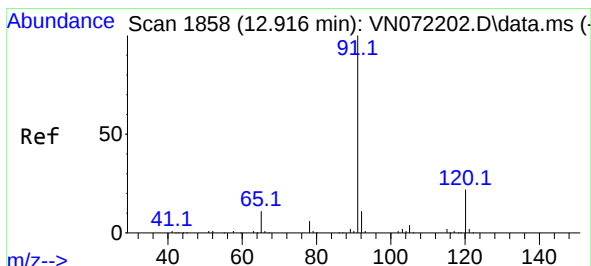
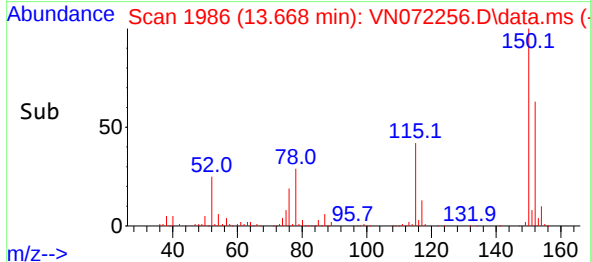
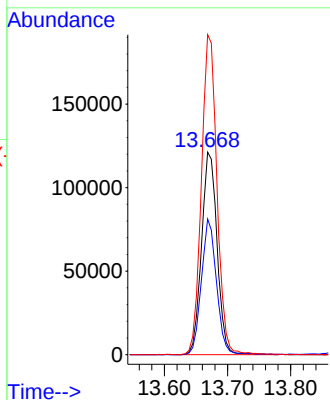
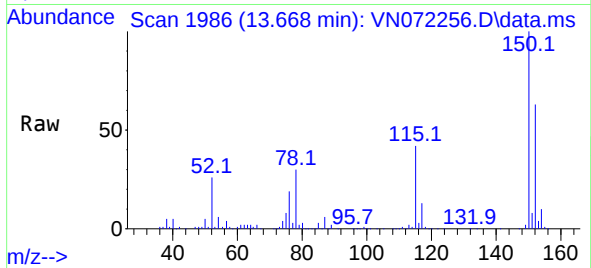




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

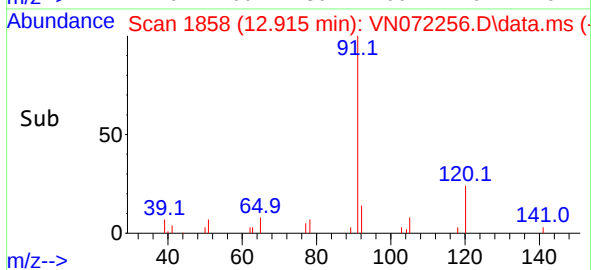
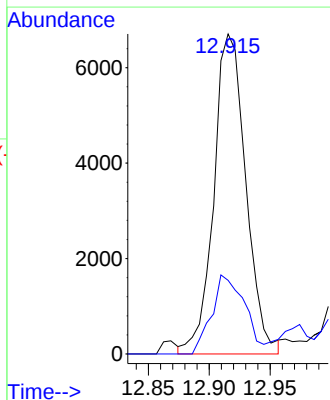
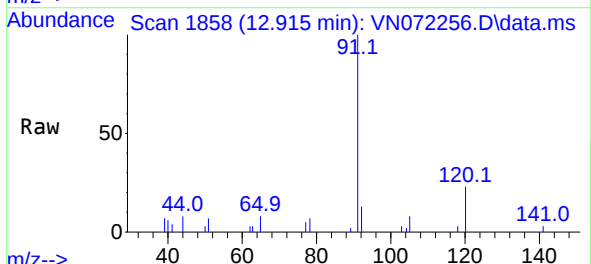
Instrument :
MSVOA_N
ClientSampleId :
TB

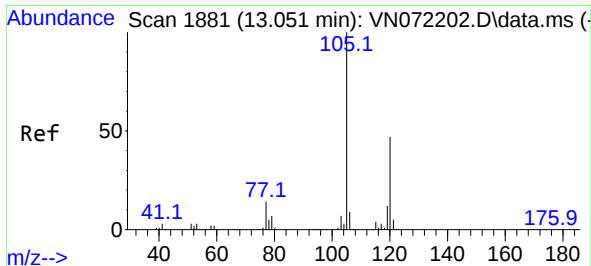
Tgt Ion:152 Resp: 207866
Ion Ratio Lower Upper
152 100
115 65.3 28.9 86.7
150 158.0 0.0 356.2



#78
n-propylbenzene
Concen: 0.608 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Tgt Ion: 91 Resp: 12289
Ion Ratio Lower Upper
91 100
120 25.5 11.9 35.5

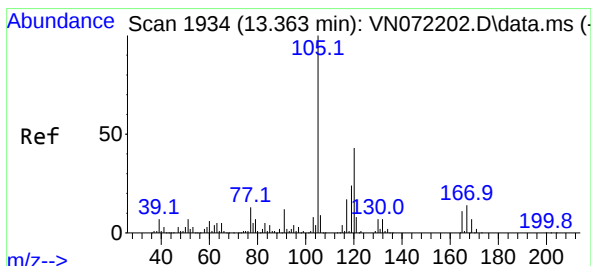
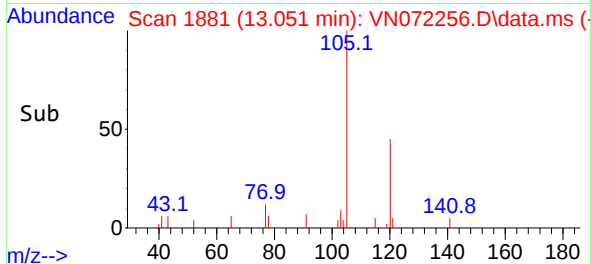
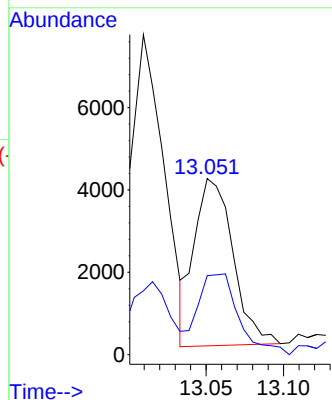
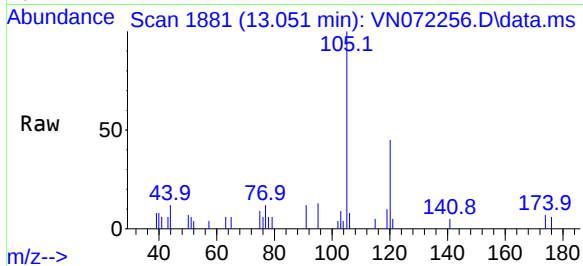




#80
1,3,5-Trimethylbenzene
Concen: 0.461 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

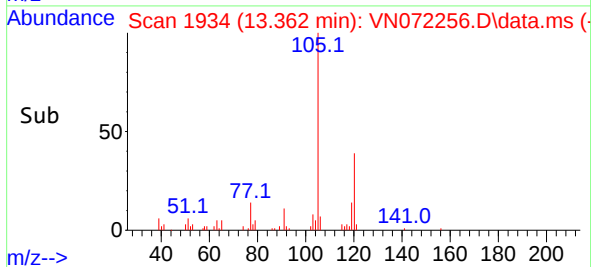
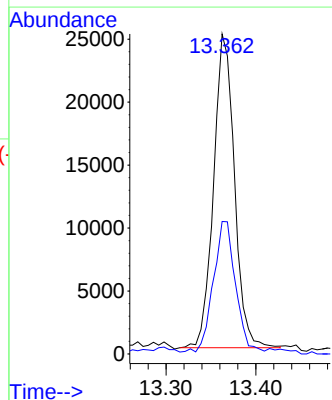
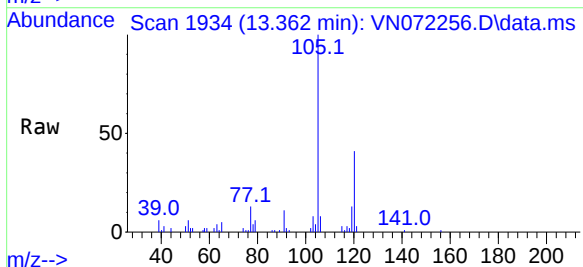
Instrument :
MSVOA_N
ClientSampleId :
TB

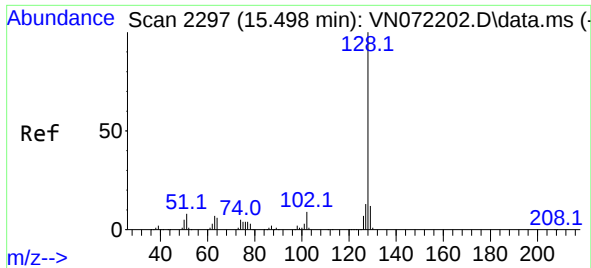
Tgt Ion:105 Resp: 7048
Ion Ratio Lower Upper
105 100
120 51.7 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 2.718 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

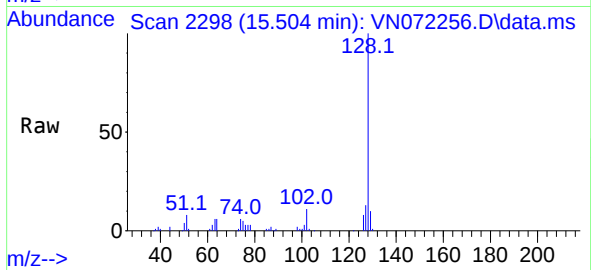
Tgt Ion:105 Resp: 40212
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8





#95
Naphthalene
Concen: 13.834 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072256.D
Acq: 28 Apr 2022 22:37

Instrument :
MSVOA_N
ClientSampleId :
TB



Tgt Ion:128 Resp: 112315
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.7 8.6 13.0

