

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069781.D
 Acq On : 6 Dec 2021 14:10
 Operator : JC/MD
 Sample : M4866-01 10X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41679

Quant Time: Dec 06 15:13:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

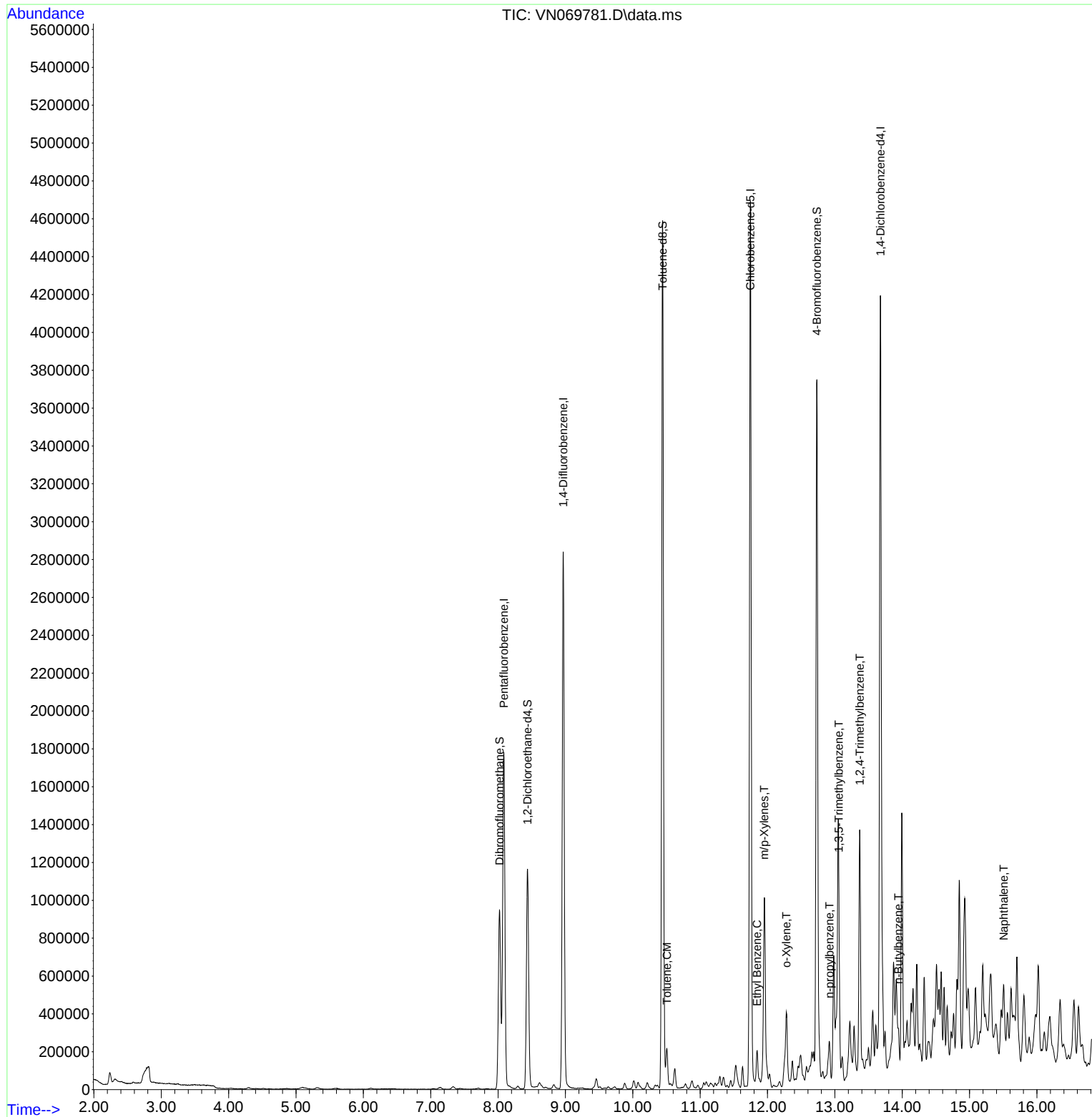
Internal Standards						
1) Pentafluorobenzene	8.086	168	1330876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2334243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2575571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1045128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1002208	48.772	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.540%
35) Dibromofluoromethane	8.021	113	692430	47.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.720%
50) Toluene-d8	10.443	98	3067121	52.243	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.733	95	1257774	59.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.280%
Target Compounds						
					Qvalue	
52) Toluene	10.507	92	80171	1.933	ug/l	98
67) Ethyl Benzene	11.846	91	127477	1.343	ug/l	94
68) m/p-Xylenes	11.950	106	185470	5.367	ug/l	96
69) o-Xylene	12.280	106	91150	2.619	ug/l	90
78) n-propylbenzene	12.921	91	152178	1.471	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	191206	2.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	725073	10.172	ug/l	97
89) n-Butylbenzene	13.943	91	96487	1.693	ug/l #	75
95) Naphthalene	15.507	128	269001	8.832	ug/l	96

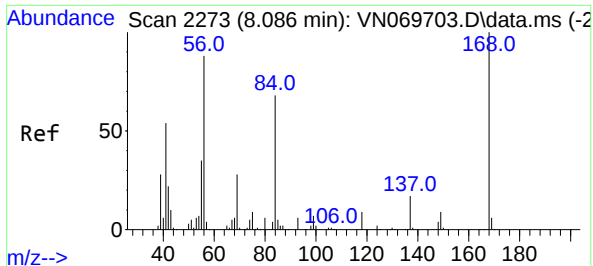
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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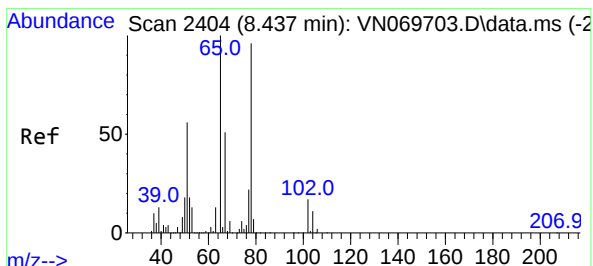
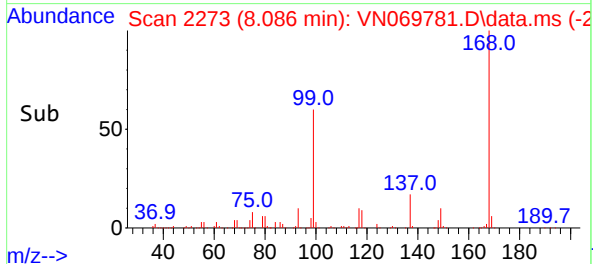
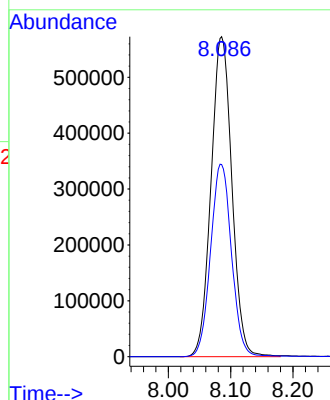
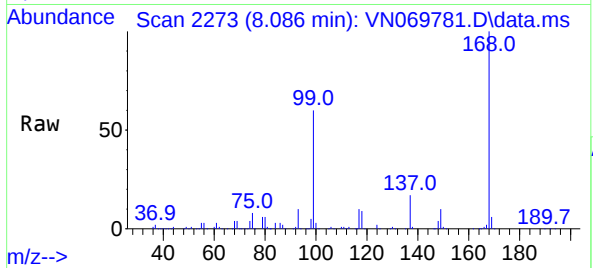




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

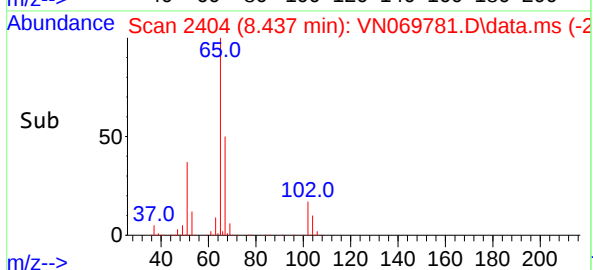
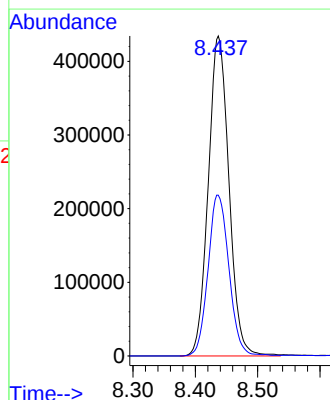
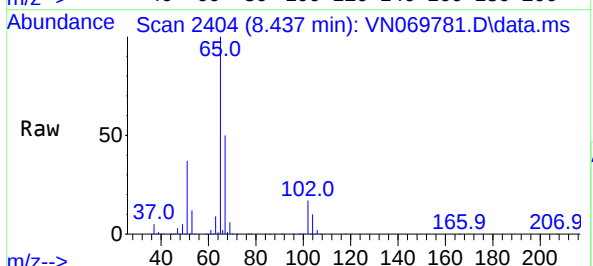
Instrument :
MSVOA_N
ClientSampleId :
41679

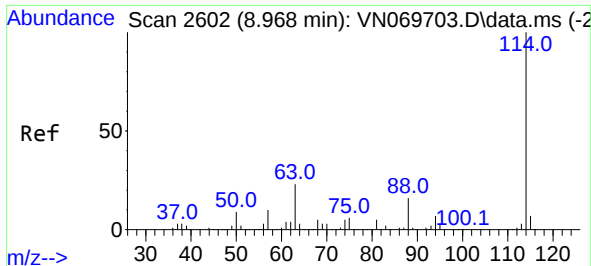
Tgt Ion:168 Resp: 1330876
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.772 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion: 65 Resp: 1002208
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

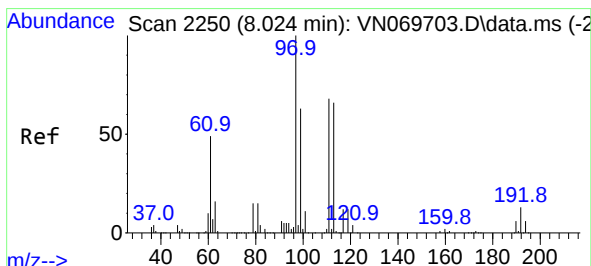
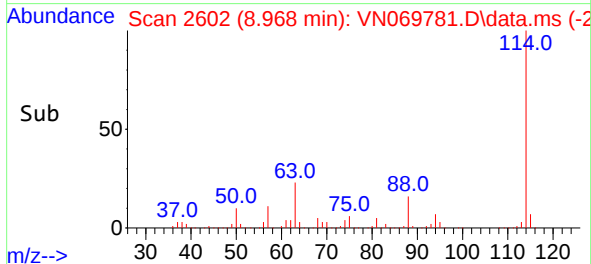
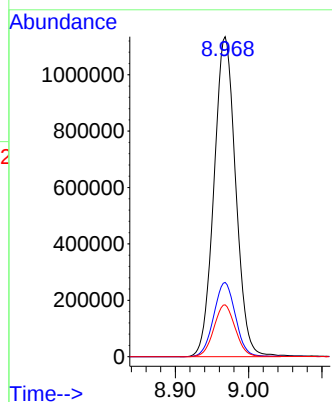
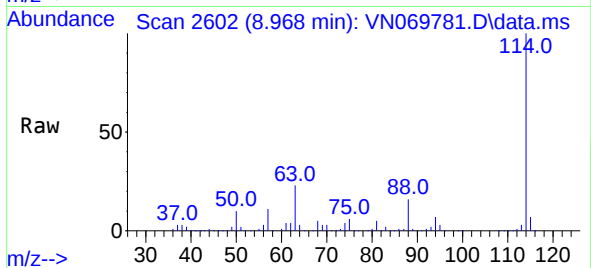




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

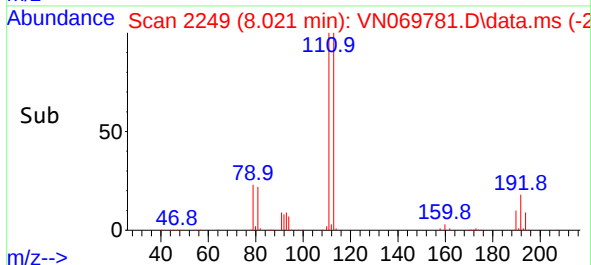
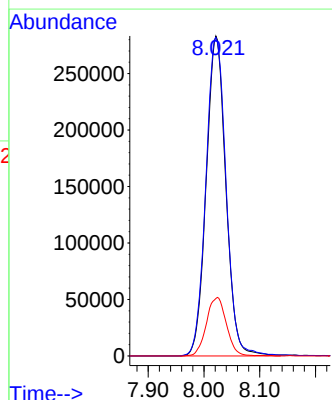
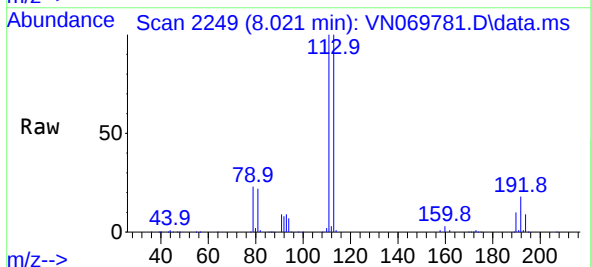
Instrument :
MSVOA_N
ClientSampleId :
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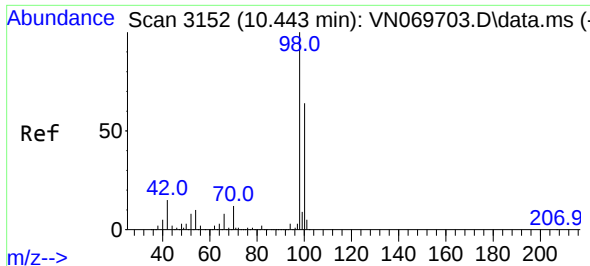
Tgt Ion:114 Resp: 2334243
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.358 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion:113 Resp: 692430
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3

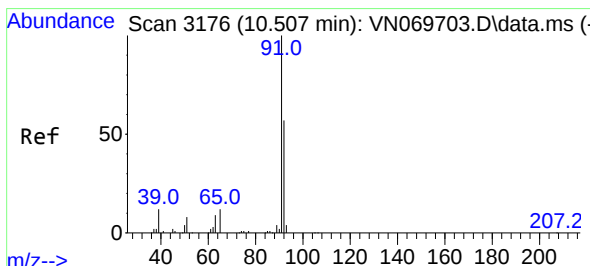
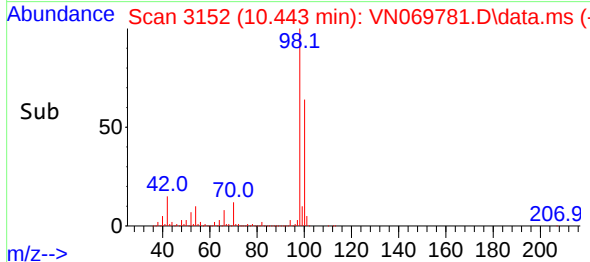
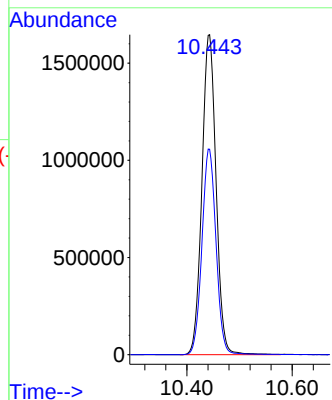
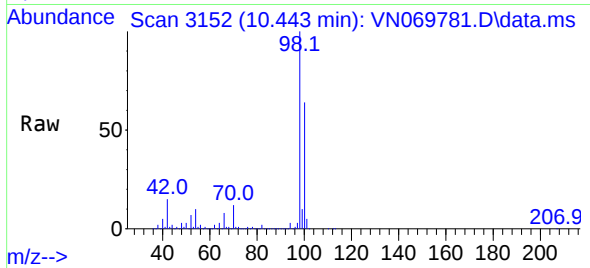




#50
Toluene-d8
Concen: 52.243 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

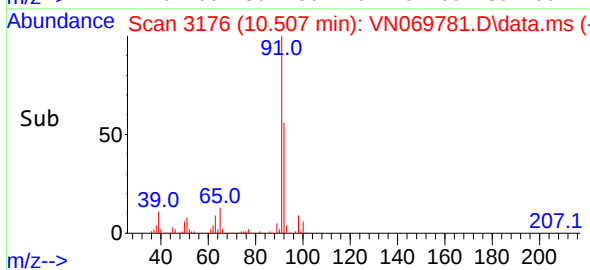
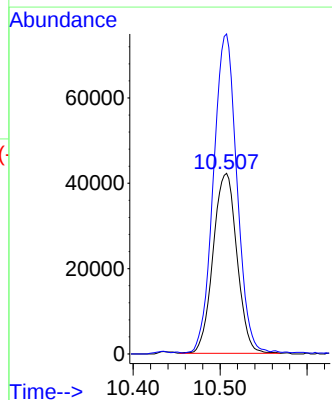
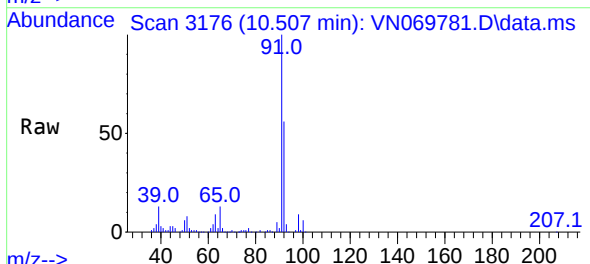
Instrument :
MSVOA_N
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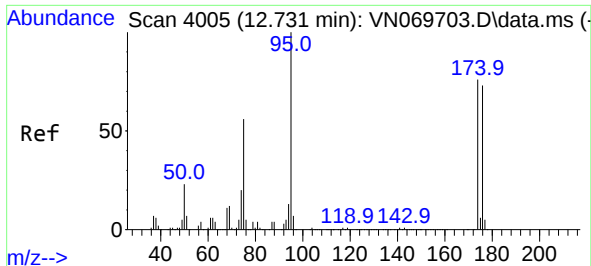
Tgt Ion: 98 Resp: 3067121
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#52
Toluene
Concen: 1.933 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion: 92 Resp: 80171
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0

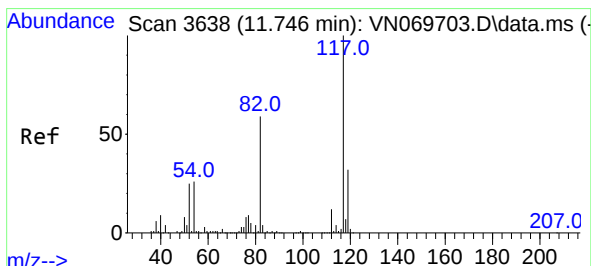
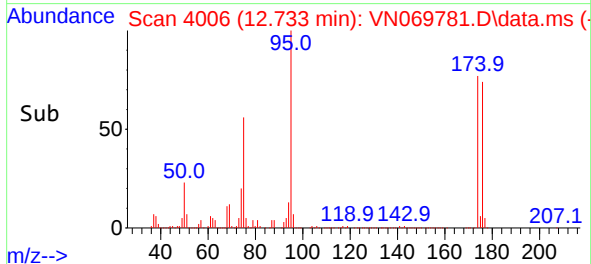
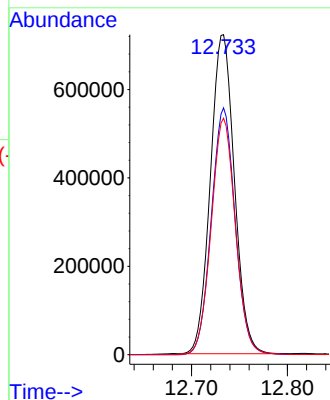
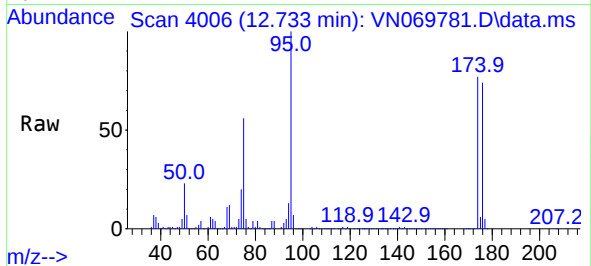




#62
4-Bromofluorobenzene
Concen: 59.137 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

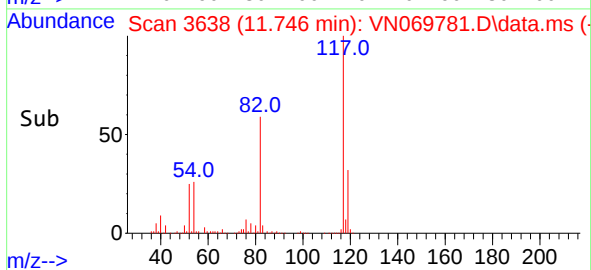
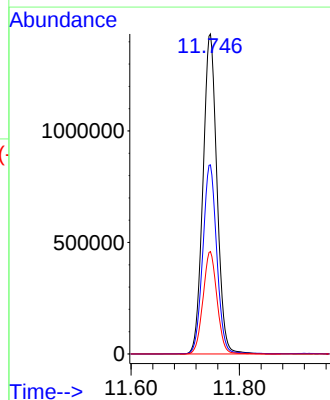
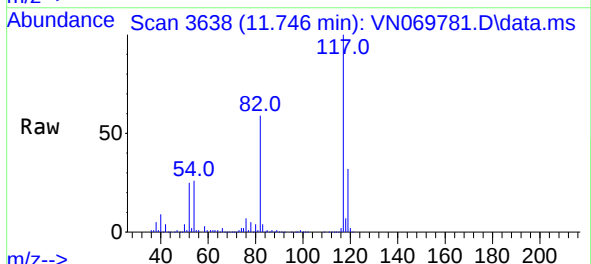
Instrument :
MSVOA_N
ClientSampleId :
41679

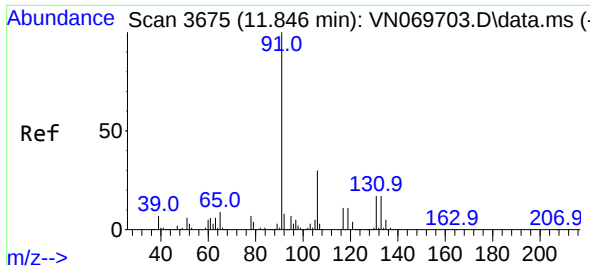
Tgt Ion: 95 Resp: 1257774
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 74.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion: 117 Resp: 2575571
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2





#67

Ethyl Benzene

Concen: 1.343 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.000 min

Lab File: VN069781.D

Acq: 6 Dec 2021 14:10

Instrument :

MSVOA_N

ClientSampleId :

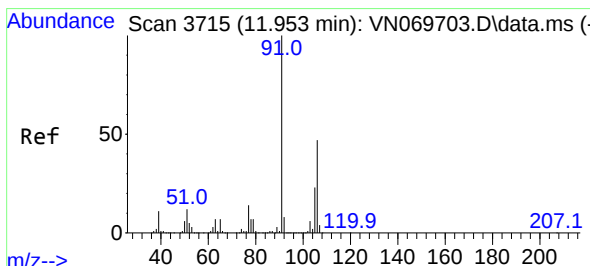
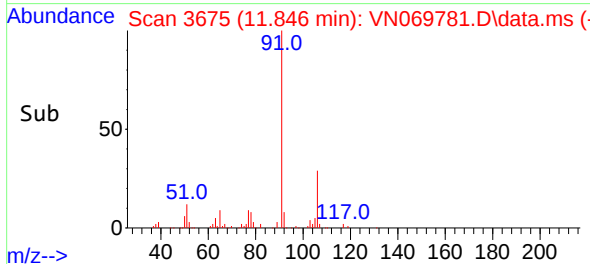
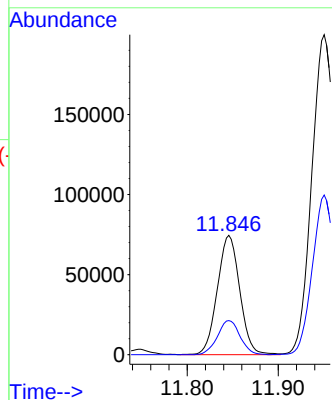
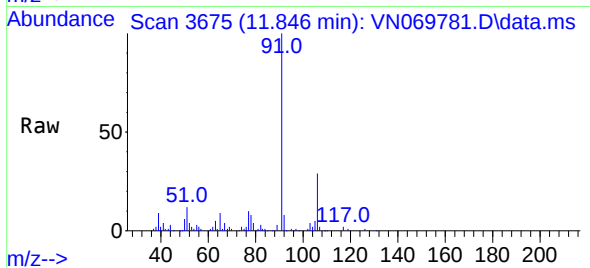
41679

Tgt Ion: 91 Resp: 127477

Ion Ratio Lower Upper

91 100

106 28.5 25.7 38.5



#68

m/p-Xylenes

Concen: 5.367 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. -0.003 min

Lab File: VN069781.D

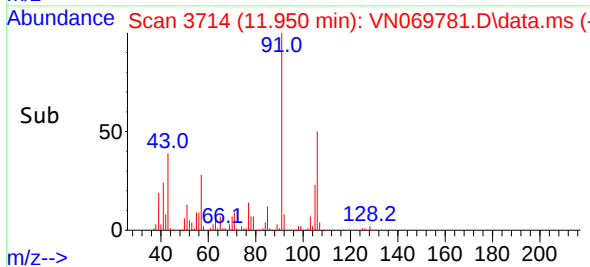
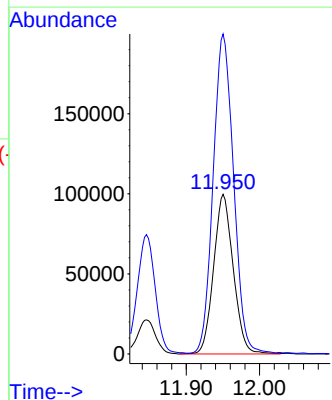
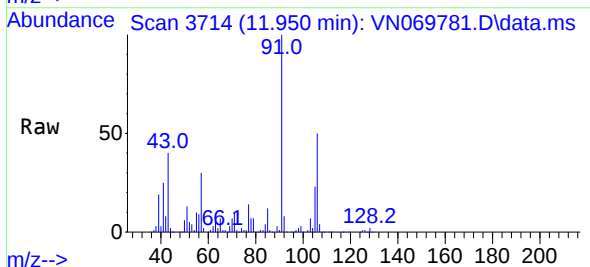
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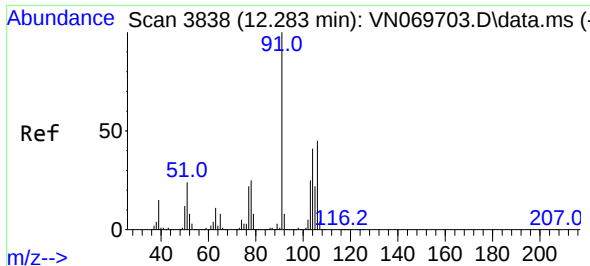
Tgt Ion:106 Resp: 185470

Ion Ratio Lower Upper

106 100

91 207.1 160.6 240.8

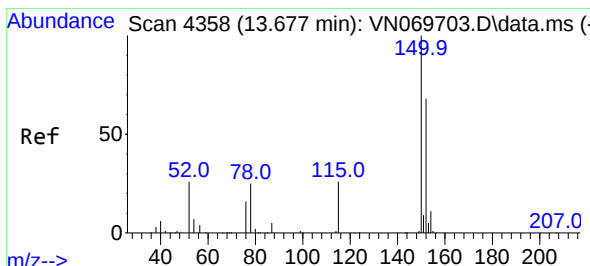
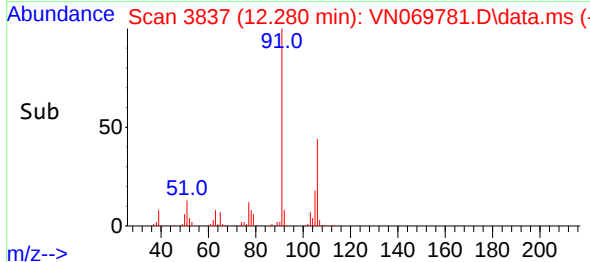
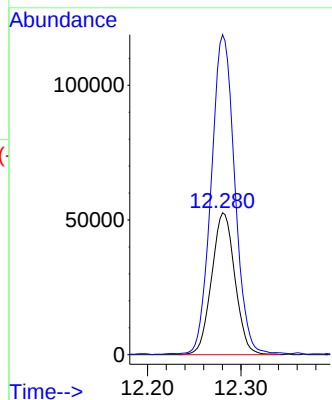
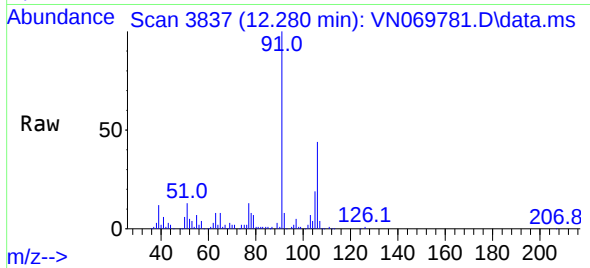




#69
o-Xylene
Concen: 2.619 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

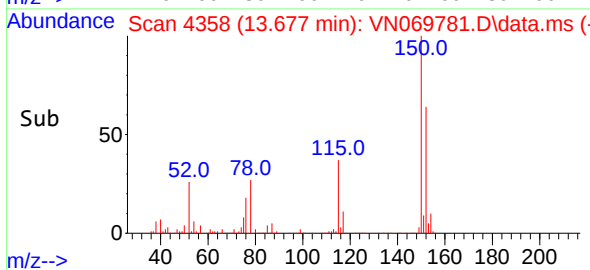
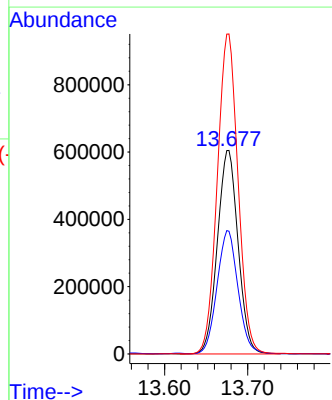
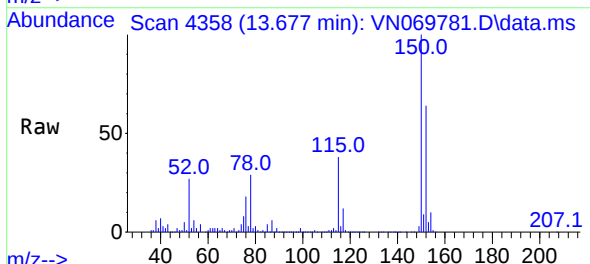
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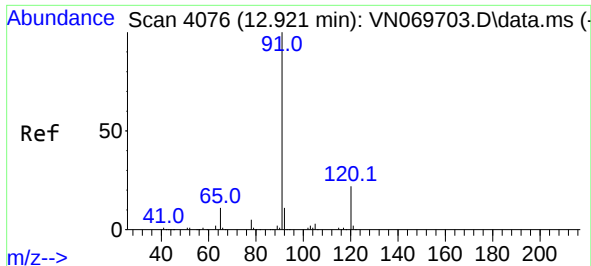
Tgt Ion:106 Resp: 91150
Ion Ratio Lower Upper
106 100
91 226.5 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion:152 Resp: 1045128
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 157.5 0.0 344.4

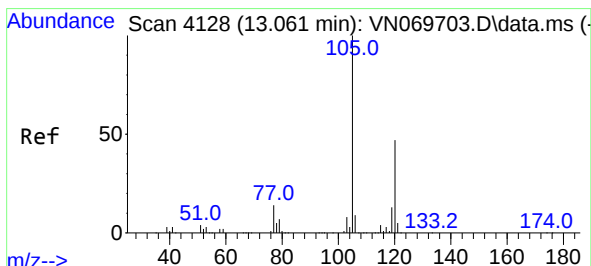
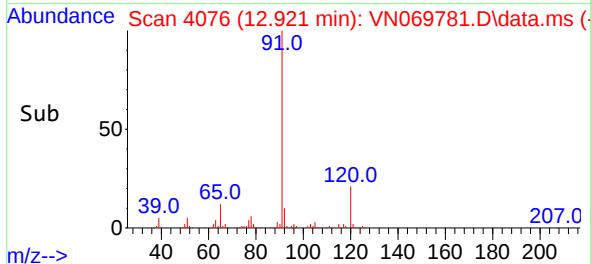
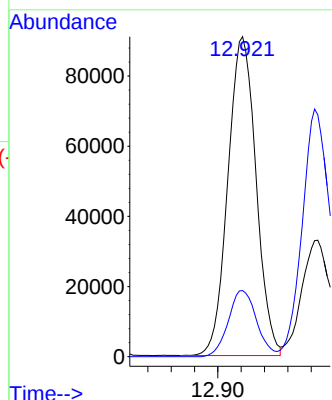
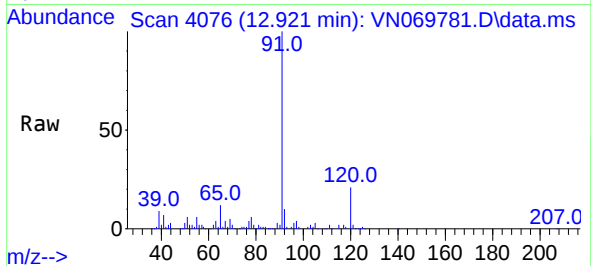




#78
n-propylbenzene
Concen: 1.471 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

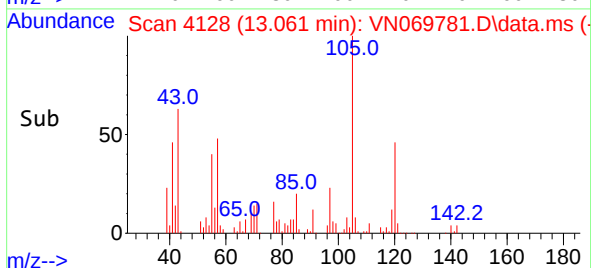
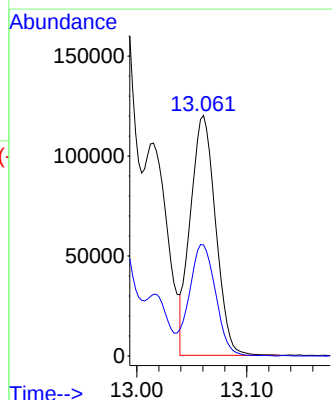
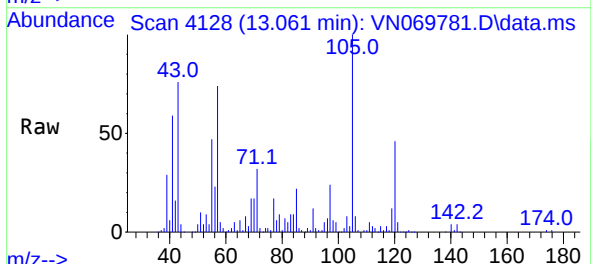
Instrument :
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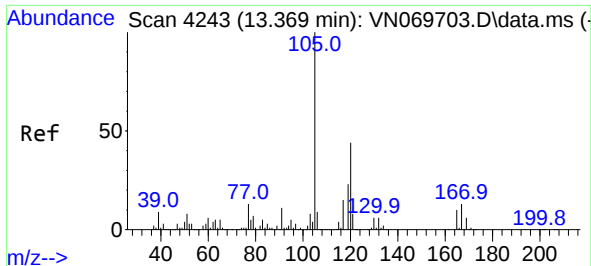
Tgt Ion: 91 Resp: 152178
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 2.555 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion: 105 Resp: 191206
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6

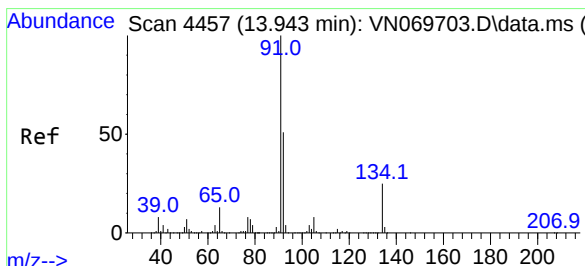
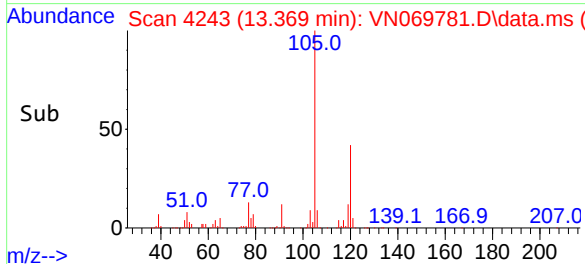
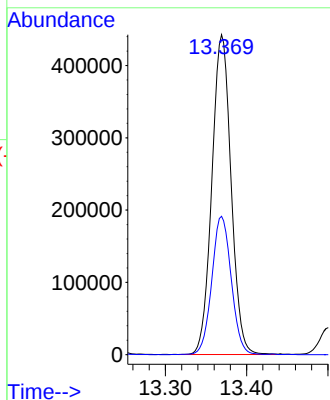
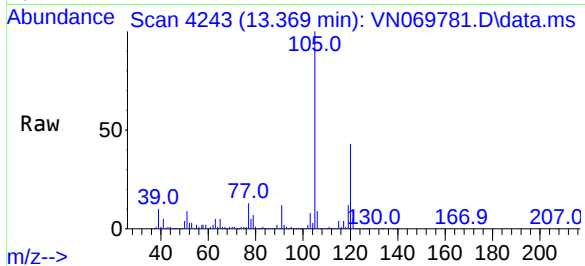




#84
1,2,4-Trimethylbenzene
Concen: 10.172 ug/l
RT: 13.369 min Scan# 41679
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

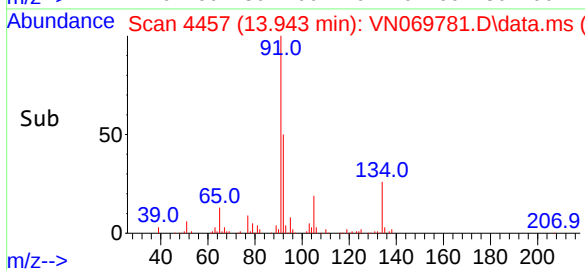
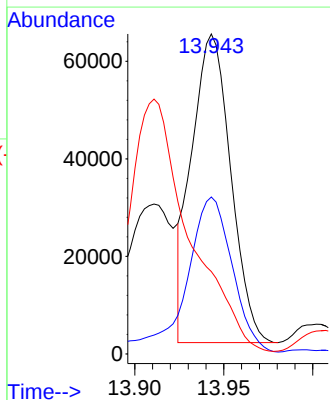
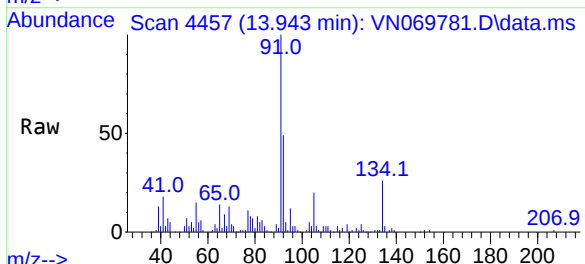
Instrument :
MSVOA_N
ClientSampleId :
41679

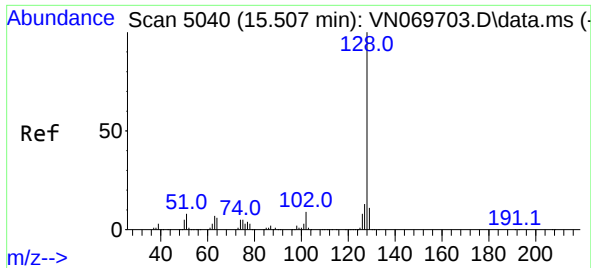
Tgt Ion:105 Resp: 725073
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4



#89
n-Butylbenzene
Concen: 1.693 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Tgt Ion: 91 Resp: 96487
Ion Ratio Lower Upper
91 100
92 57.4 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 8.832 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069781.D
Acq: 6 Dec 2021 14:10

Instrument :
MSVOA_N
ClientSampleId :
41679

Tgt Ion:128 Resp: 269001
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 9.0 8.7 13.1

