

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071975.D
 Acq On : 13 Apr 2022 14:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 14 02:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

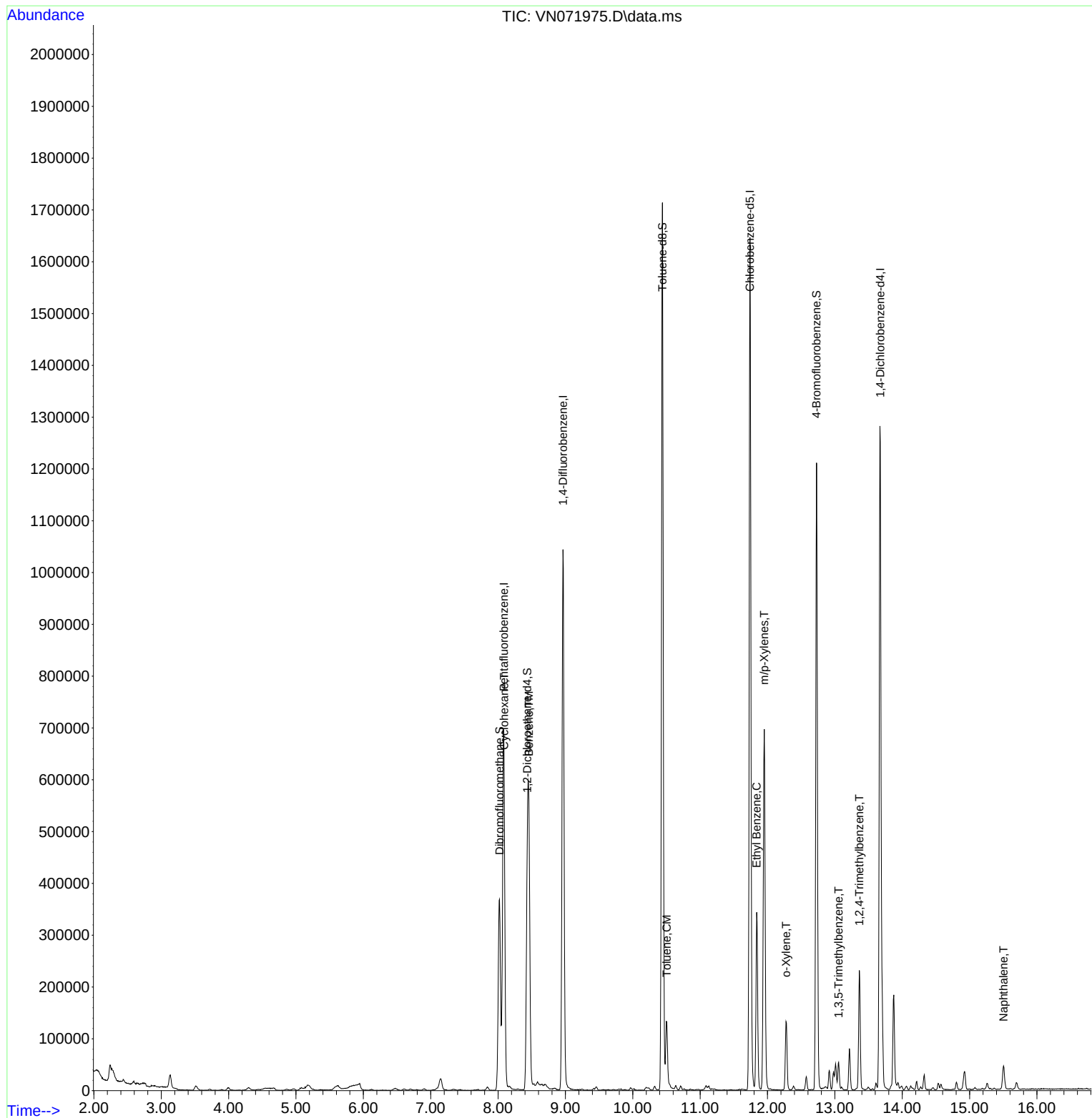
Internal Standards						
1) Pentafluorobenzene	8.086	168	579389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	991902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1035555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	397423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	310848	46.996	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.000%
35) Dibromofluoromethane	8.022	113	282047	48.322	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.640%
50) Toluene-d8	10.439	98	1243384	52.075	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.727	95	431566	55.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.780%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.092	56	15742	1.750	ug/l	# 25
40) Benzene	8.457	78	475529	18.468	ug/l	100
52) Toluene	10.504	92	57869	3.555	ug/l	98
67) Ethyl Benzene	11.839	91	259368	7.389	ug/l	98
68) m/p-Xylenes	11.951	106	248637	18.435	ug/l	98
69) o-Xylene	12.274	106	41123	3.072	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	29244	1.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	139631	5.393	ug/l	100
95) Naphthalene	15.503	128	51746	6.445	ug/l	99

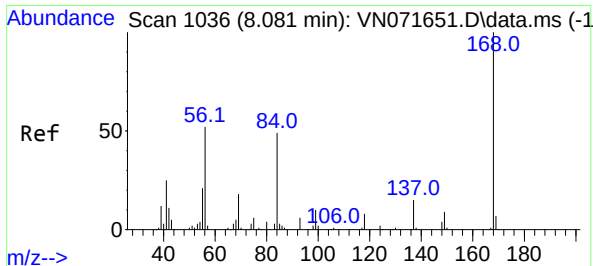
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
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Instrument :
MSVOA_N
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Quant Time: Apr 14 02:32:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VN071975.D

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Instrument :

MSVOA_N

ClientSampleId :

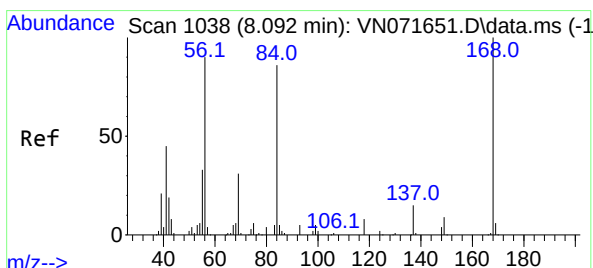
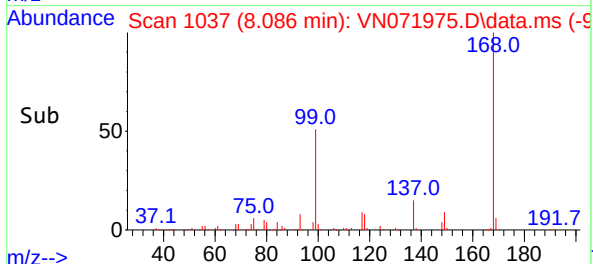
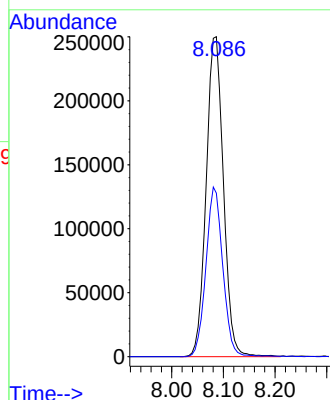
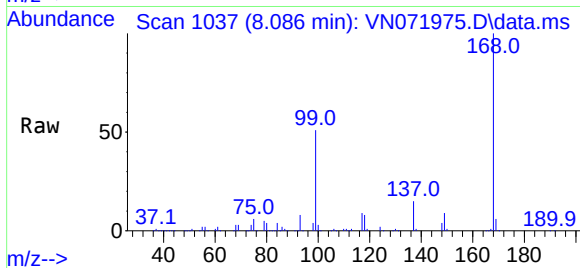
IBLK

Tgt Ion:168 Resp: 579389

Ion Ratio Lower Upper

168 100

99 51.1 42.3 63.5



Cyclohexane

Concen: 1.750 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

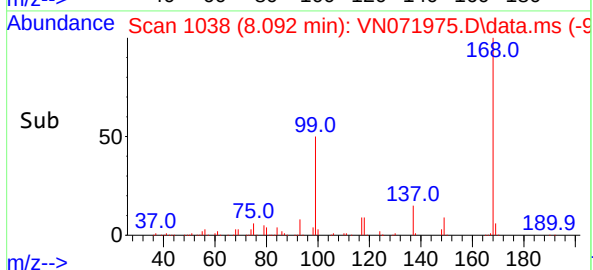
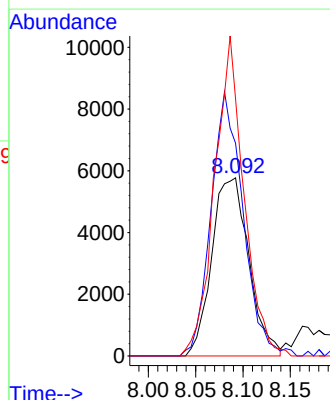
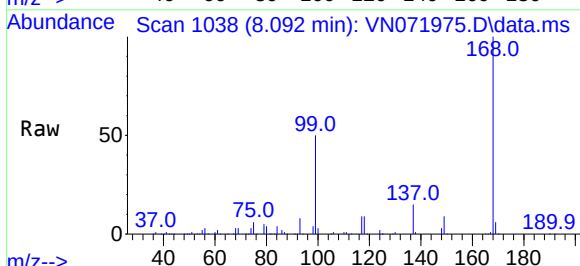
Tgt Ion: 56 Resp: 15742

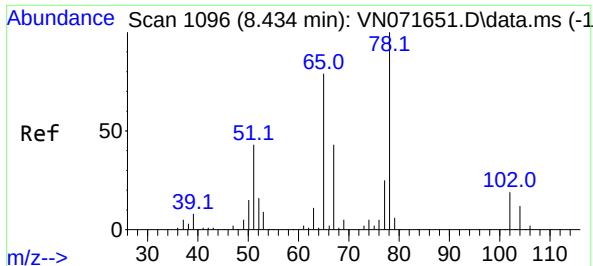
Ion Ratio Lower Upper

56 100

69 119.5 27.8 41.8#

84 144.4 76.9 115.3#

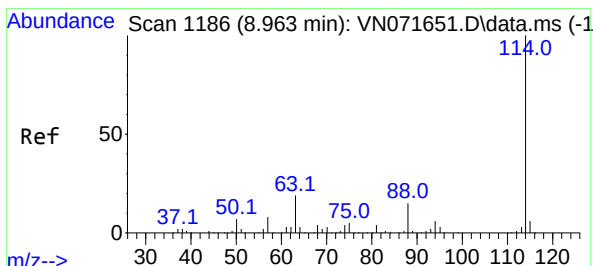
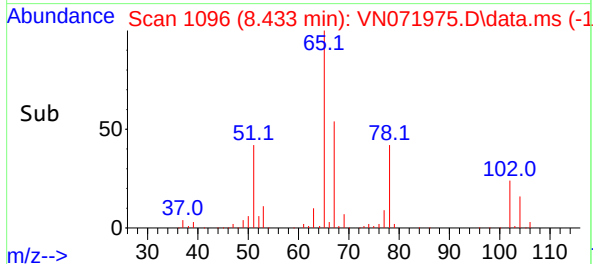
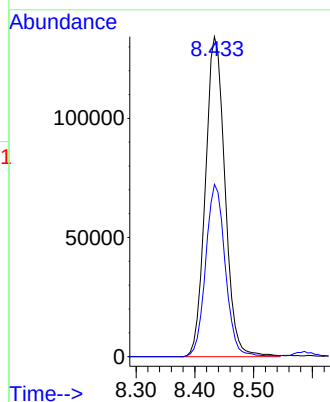
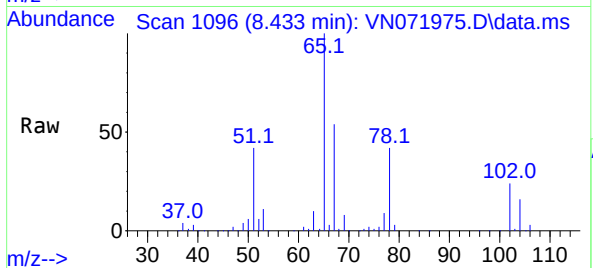




#33
1,2-Dichloroethane-d4
Concen: 46.996 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

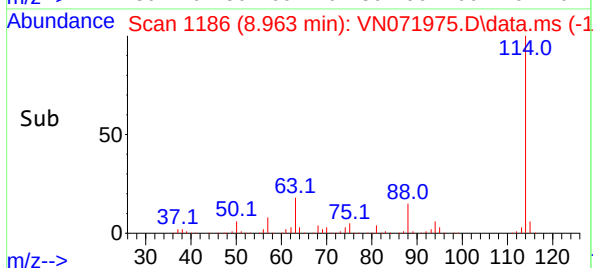
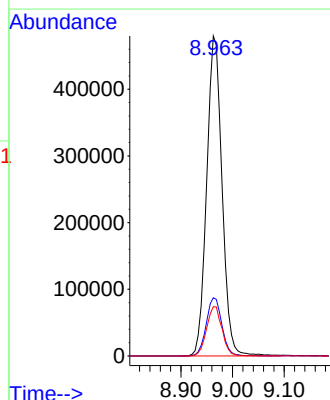
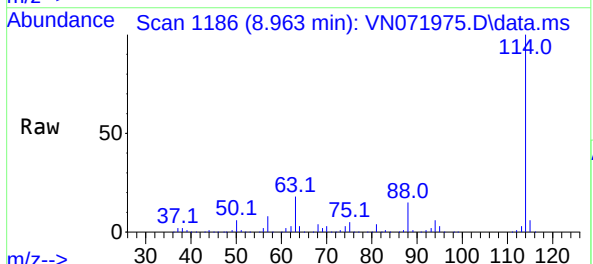
Instrument :
MSVOA_N
ClientSampleId :
IBLK

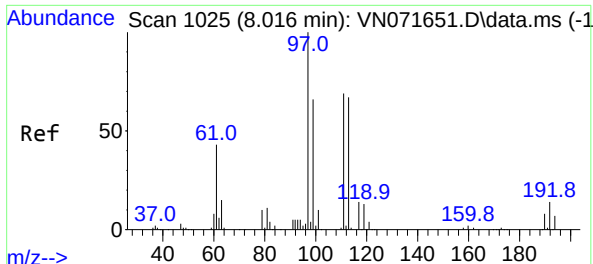
Tgt Ion: 65 Resp: 310848
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion:114 Resp: 991902
Ion Ratio Lower Upper
114 100
63 18.2 0.0 40.0
88 15.4 0.0 32.6

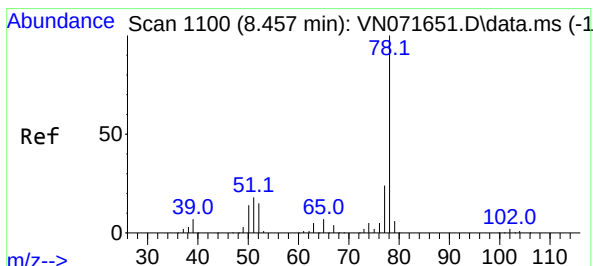
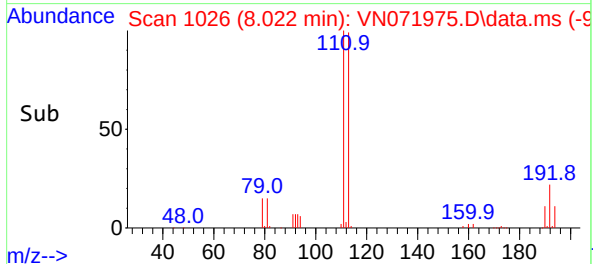
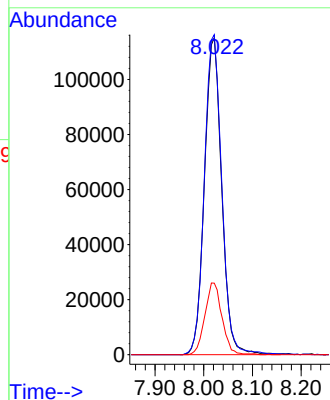
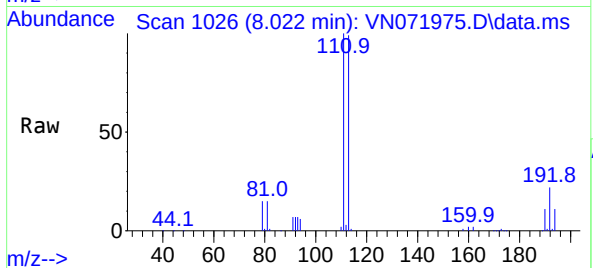




#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 8.022 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

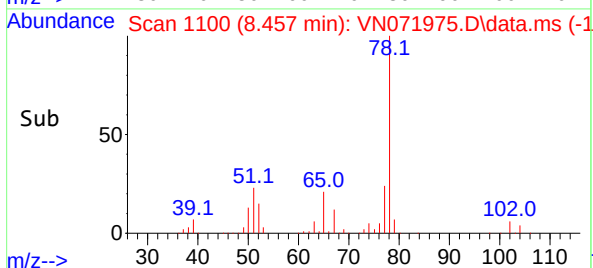
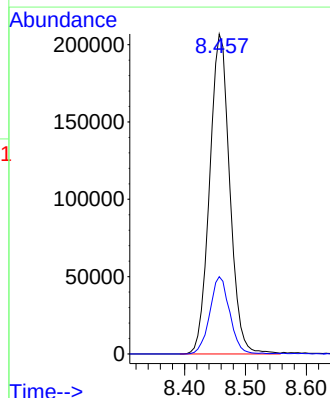
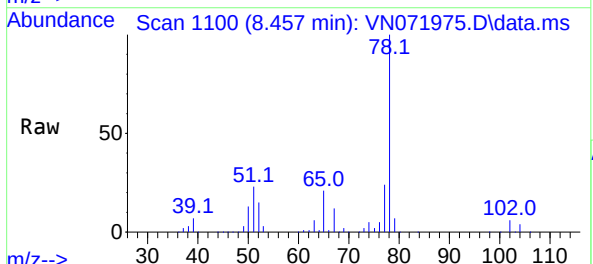
Instrument :
MSVOA_N
ClientSampleId :
IBLK

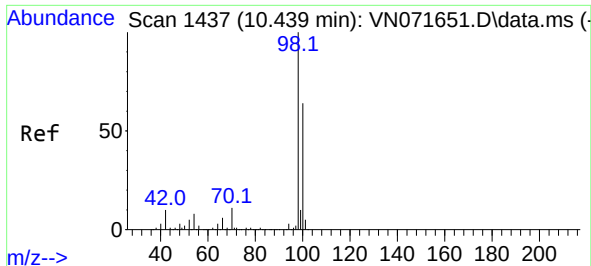
Tgt Ion:113 Resp: 282047
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.4 17.0 25.6



#40
Benzene
Concen: 18.468 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 78 Resp: 475529
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

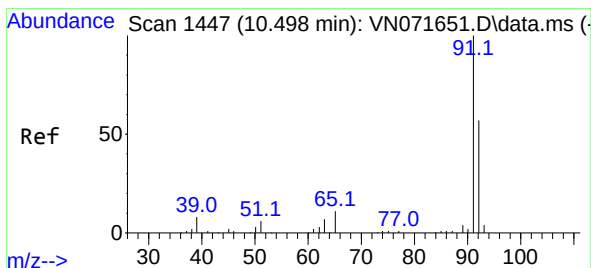
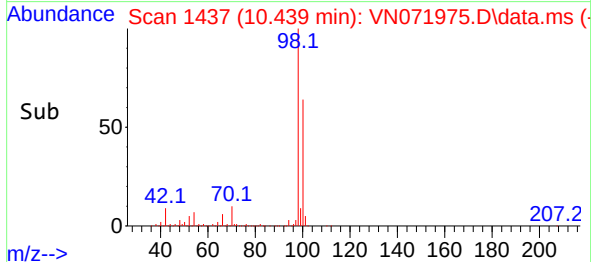
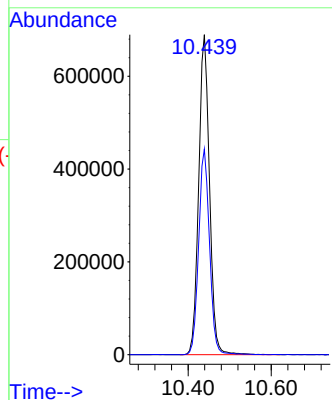
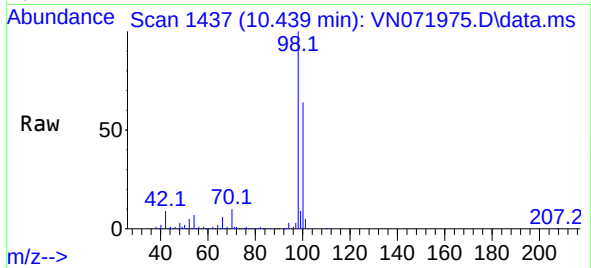




#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

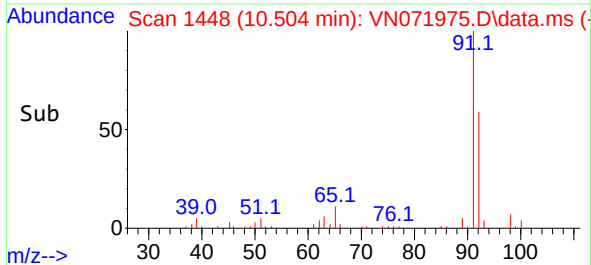
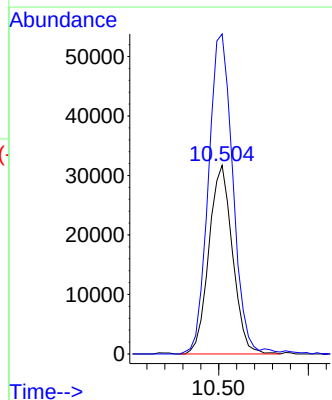
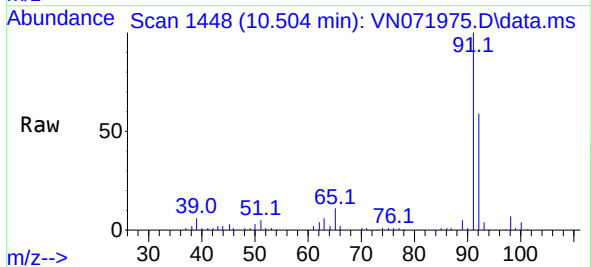
Instrument :
MSVOA_N
ClientSampleId :
IBLK

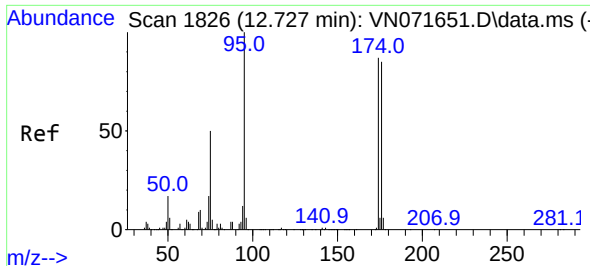
Tgt Ion: 98 Resp: 1243384
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 3.555 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 92 Resp: 57869
Ion Ratio Lower Upper
92 100
91 175.9 138.6 207.8

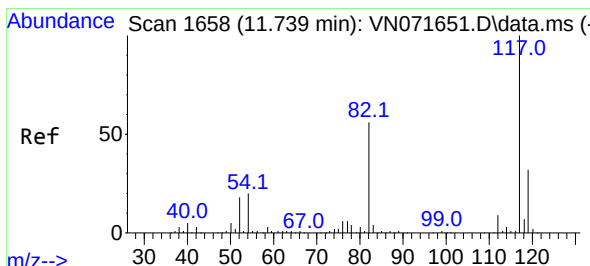
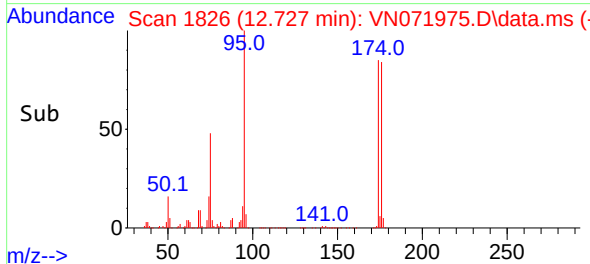
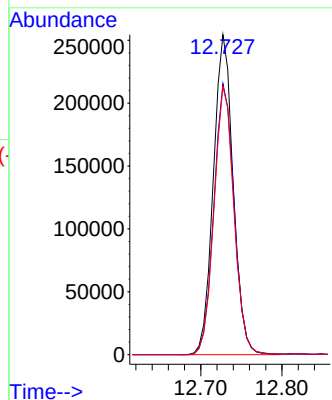
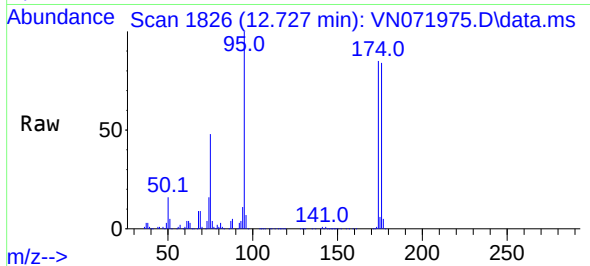




#62
4-Bromofluorobenzene
Concen: 55.887 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

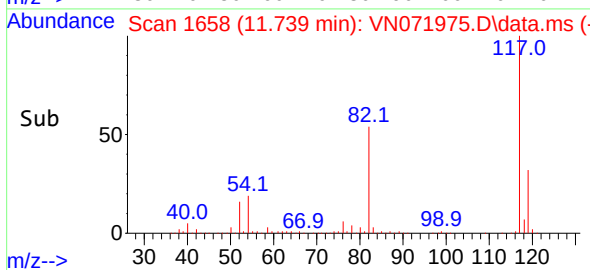
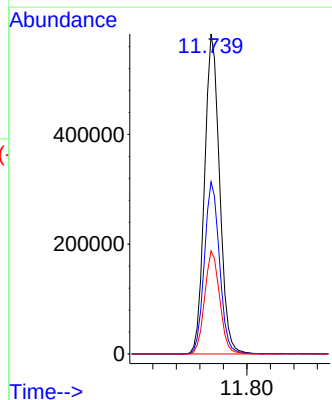
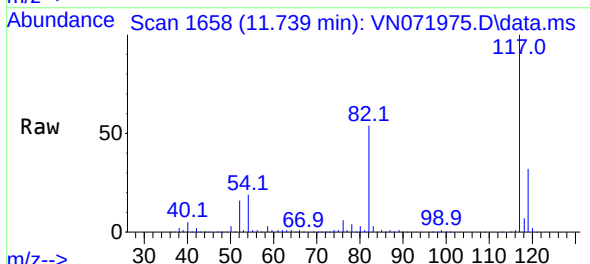
Instrument :
MSVOA_N
ClientSampleId :
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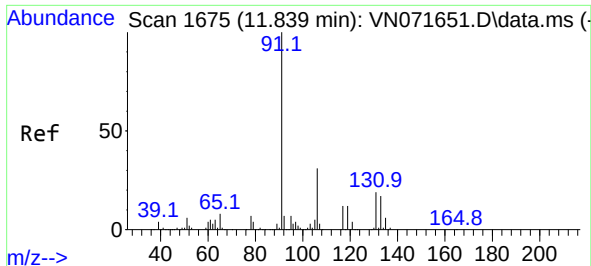
Tgt Ion: 95 Resp: 431566
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 84.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 117 Resp: 1035555
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.2 25.4 38.0

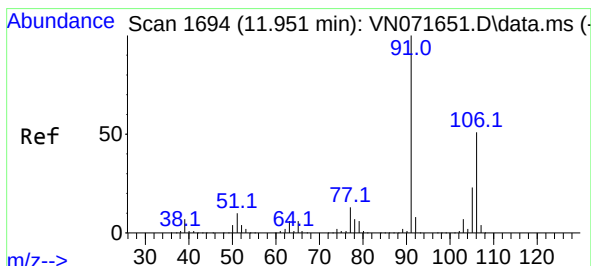
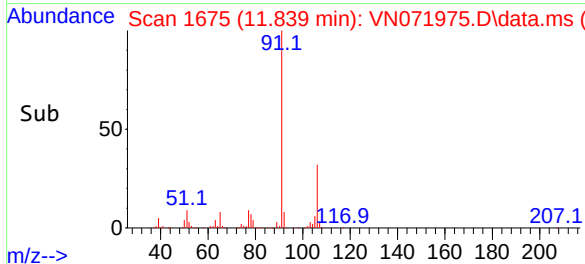
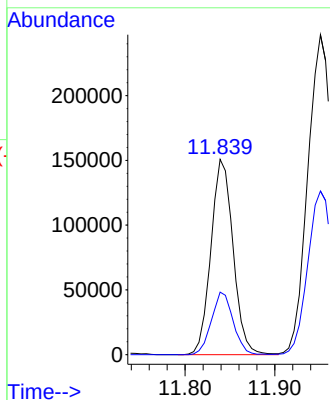
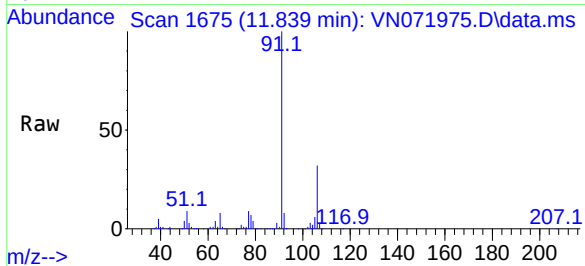




#67
Ethyl Benzene
Concen: 7.389 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

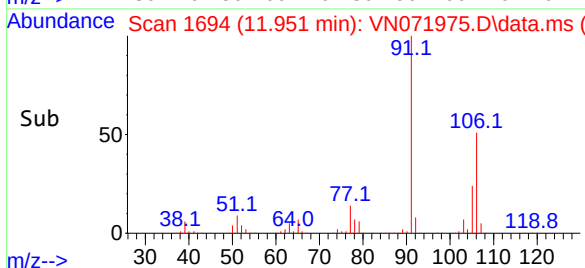
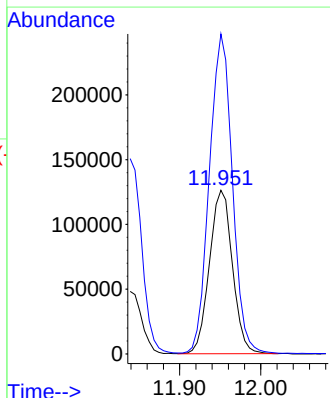
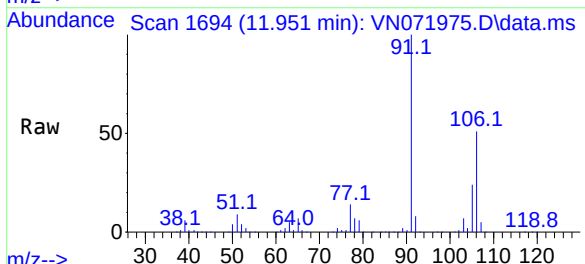
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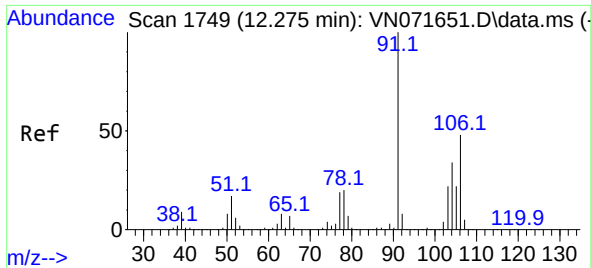
Tgt Ion: 91 Resp: 259368
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3



#68
m/p-Xylenes
Concen: 18.435 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 106 Resp: 248637
Ion Ratio Lower Upper
106 100
91 196.1 158.9 238.3

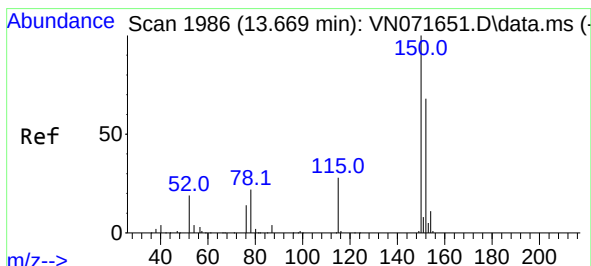
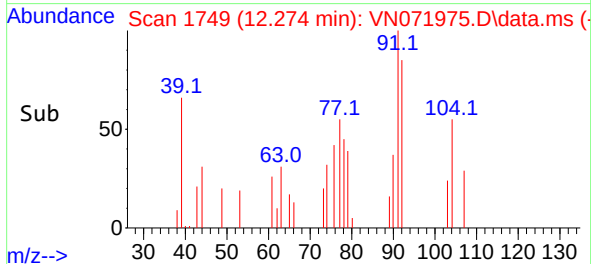
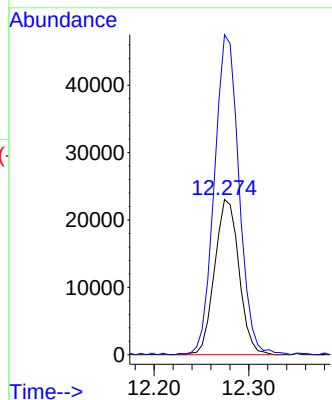
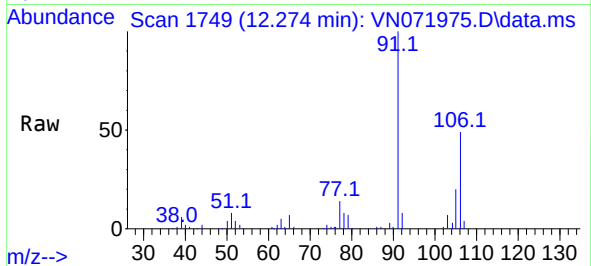




#69
o-Xylene
Concen: 3.072 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

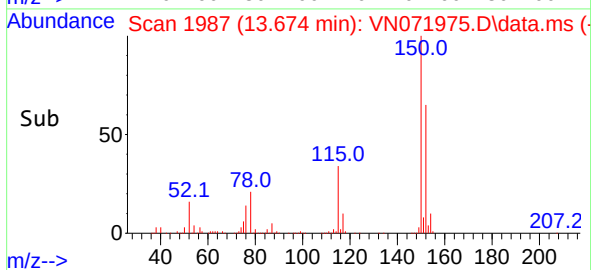
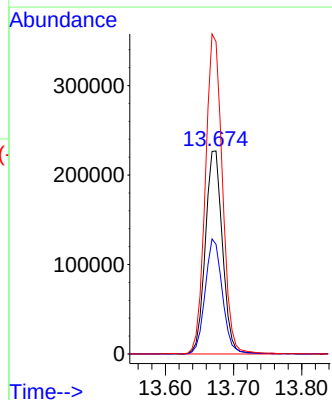
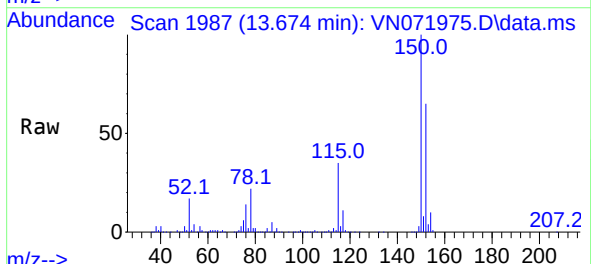
Instrument :
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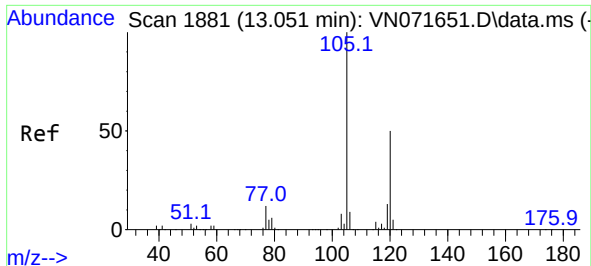
Tgt Ion:106 Resp: 41123
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion:152 Resp: 397423
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 156.8 0.0 356.2

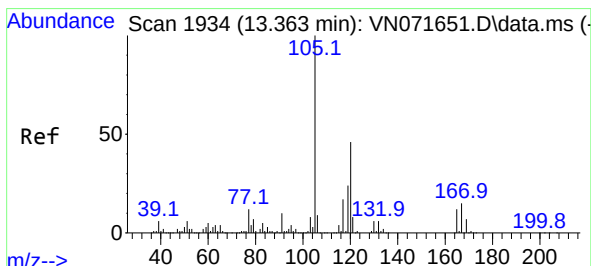
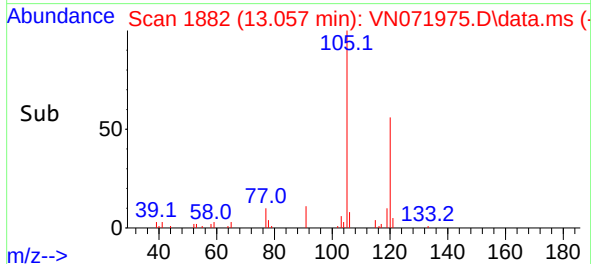
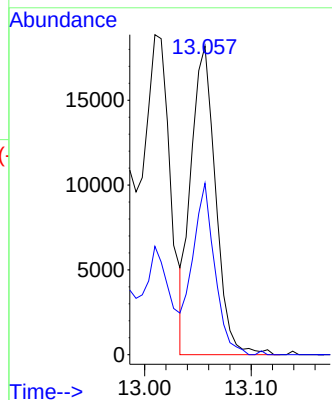
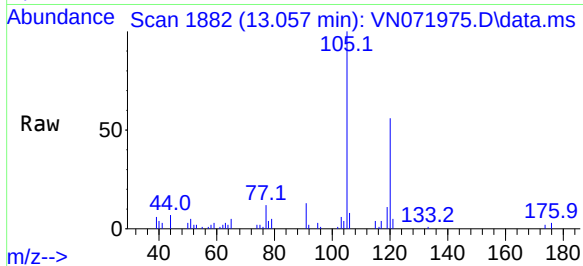




#80
1,3,5-Trimethylbenzene
Concen: 1.102 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

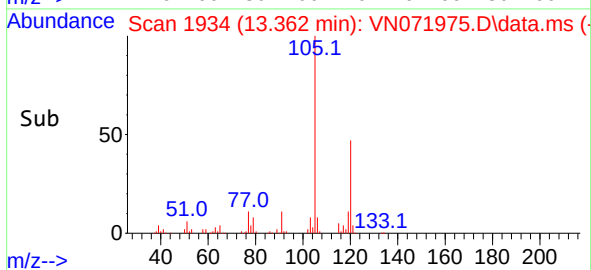
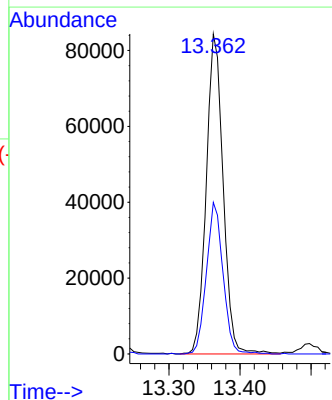
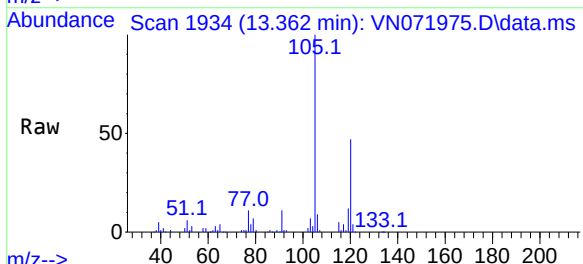
Instrument :
MSVOA_N
ClientSampleId :
IBLK

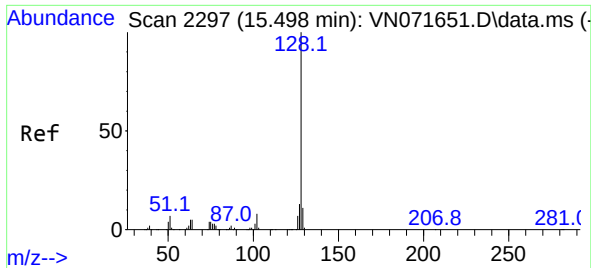
Tgt Ion:105 Resp: 29244
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 5.393 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion:105 Resp: 139631
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#95
Naphthalene
Concen: 6.445 ug/l
RT: 15.503 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	51746
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.1	8.6	13.0

